Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **ALBANIA**

Reporter:

> Flutura Sala

Institution:

> Institute of Statistics, INSTAT

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register

2. Name of the organisation responsible for holding the register

> Institute of Statistics, INSTAT

3. Position of the register unit in the organisation

> Statistical Business Register Sector

4. Number of employees in the register unit (Headcount employees)

> 3

5. Primary goal and use of the register

> The main goal is:Set up a national business register harmonized and based on BR Regulation.
> SBR has to: permit the collection of information about them via administrative sources, provide a sampling base for surveys, coordination of surveys, and for grossing up survey results.

6. Year of establishment of the register

> 1994

7. Year(s) of the main re-engineeering(s) of the register

> 2005

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 152288	Legal units:

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Formalized MoU with General Directory of Taxation

Description of work (max 4-5 sentences)

MoU was signed 11.03.205 includes more information than we take from Tax, especially for local unit and employment That information will allow us to improve quality of business register to update local unit register with administrative source. In this manner we will insure coverage of enterprises with multi-locations and coverage of local unit register. New indicators will produce in near future.

2. Short title of work which was done

Increasing the list of enterprises focused on the larger enterprises and some strategic economic activity.

Description of work (max 4-5 sentences)

SBR team analyzed a list with 4900 enterprises and proposed NACE (4digit) for each of them to SBR Users Group. The list was consulted with expert from SBS, STS, PPI and NA and was approved by NA and Economic Statistics Directors. The list will be frozen and if some information is coming for changing economic activity, the group will study and approved or not changes in NACE. **The list includes 4.3% of total active enterprises, but covers 57% of total number of employed in SBR.**

3. Short title of work which was done

Impemented new terrritorial devision

Description of work (max 4-5 sentences)

At 31 July 2014 new territorial division was approved in Albania. The new territorial division was implemented to SBR 2014 as well as frozen SBR 2010-2013.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Set up Enterprise Group Register in National Statistical Business Registers.

Description of work (max 4-5 sentences)

IPA 2014 Multi-beneficiary statistical cooperation programme will help INSTAT firstly to establish an inventory of the potential sources of relationship information in the with special focus on administrative data sources until to define a process to maintain the data on relationships between legal units and enterprise groups in the statistical business register. In order to meet requirements of Regulation (EC) No 177/2008 of the European Parliament and of the Council, it is necessary to create in registered the control relationship information between legal and enterprise groups.

2. Short title of work planned

Update automatically statistical business register

Description of work (max 4-5 sentences)

Finalize and used the data model of business register is setting up in collaboration with Swedish Expert and set up an IT application /interface that will be integrated with data model. Business Register 2015 is updating in automatically way used datamodel and final result will compare. An interface that will be integrated with the data model of business register is setting up.

3. Short title of work planned

Organize SBR survey.

Description of work (max 4-5 sentences)

The main goals of SBR survey is to measures Quality of SBR and to update this. The survey is planning to be yearly and to include as activity in five years National Statistical program.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Create a live register

Description of the challenge

Using datamodel and interface of SBR by internal users and automaticaly apdate will create a live register that will used by National Account and Economic statistics fot their purposes. In future to used bu external users.

2. Main challenge 2

Set up the EGR

Description of the challenge

ALBANIA is EU candidate country and therefore this position should take measures to implement EU directive and regulations. SBR has to have Regulation (EC) No 177/2008 of the European Parliament and of the Council targets to establish a common framework for business registers for statistical purposes, the most important document in daily work and future goals.

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

Republic of Armenia

Reporter:

Vardan Arevshatyan, Head, Business register, sampling and classifications division

Institution:

National Statistical Service of RA (NSS RA)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Business register

2. Name of the organisation responsible for holding the register

NSS RA

3. Position of the register unit in the organisation

Structural unit of NSS RA

4. Number of employees in the register unit (Headcount employees)

4

5. Primary goal and use of the register

Upgrading statistical data on legal entities and individual entrepreneurs and Implementing statistical sample

6. Year of establishment of the register

1999

7. Year(s) of the main re-engineeering(s) of the register

2002, 2013

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: individual entrepreneurs)	Legal units: 55766 (all active legal entities and

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

As a result of signed agreement between NSS RA and Ministry of Finance of RA has been received information about all active economic entities of RA.

Description of work (max 4-5 sentences)

Using received information regarding individual entrepreneurs has been completed business register database

2. Short title of work which was done

The continuous improvement of the quality of the business register database was carried out

Description of work (max 4-5 sentences)

Data from administrative registers were compared with the relevant information from the business register for improvement of data accuracy and completeness.

3. Short title of work which was done

> Work to reduce the response burden has been done

Description of work (max 4-5 sentences)

> In order to reduce the response burden the frequency of reporting and number of questions of the questinaries have been reduced .

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

> Business Registry data integrity

Description of work (max 4-5 sentences)

> Addition of business registers data by more and more using information from administrative registers. Improve cooperation with administrative registers providing them methodological support particularly according to internationally accepted classifications.

2. Short title of work planned

> Continuous reduction of the response burden

Description of work (max 4-5 sentences)

> Reducing the response burden using more techniques of statistical sampling

3. Short title of work planned

> Systematic addition of the business register database with the data on new organizations

Description of work (max 4-5 sentences)

> Systematic addition of business register database with the data on new organizations useing data from the State register (online) and Tax service register (yearly updated) databases.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

> Development and maintenance of the integrated system of administrative registers

Description of the challenge

> To invest a single individual identification code into all administrative registers, which will allow to get the necessary information on legal entities and individual entrepreneurs for any period of time.

2. Main challenge 2

> Continuous improvement of the indicators included in the database of the business register

Description of the challenge

> To include the new indicators to the questionnaire on business register taking into account demands of statistical work and statistical information users.

3. Main challenge 3

> Continuous development of analysis of the demographic dynamics of statistical units.

Description of the challenge

> Analysis of demographic dynamics of statistical units according to with internationally accepted standards and classifications.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Australia**

Reporter:

> Jenny Foster / Luisa Ryan

Institution:

> Australian Bureau of Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> ABS Business Register

2. Name of the organisation responsible for holding the register

> Australian Buearu of Statistics

3. Position of the register unit in the organisation

> Part of the Statistical Services Group

4. Number of employees in the register unit (Headcount employees)

> 63

5. Primary goal and use of the register

> Survey frames and business demography

6. Year of establishment of the register

> 1970s

7. Year(s) of the main re-engineeering(s) of the register

> 2002, 1998, 1985

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: 2.2 million (active units)

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Development of the new ABS Business Register conceptual model

Description of work (max 4-5 sentences)

> The ABS has embarked on a significant organisational transformation program. To underpin the economic statistics strategy a new ABS Business Register conceptual model has been developed. There has also been work done on the future maintenance and outputs strategies. Work is continuing on the strategy to support data linking under the new model.

2. Short title of work which was done

Migration of the Survey of International Investment (SII) frame to the ABS Business Register

Description of work (max 4-5 sentences)

The SII is a legal entity based collection. For convenience the SII requests consolidated data from all Legal Entities within an Enterprise Group that are classified to the same insitutional sector. This work has involved matching SII units to the ABSBR, remediating the ABSBR to include SII stratification variables, populating the ABSBR with the SII information and developing the new survey frame. This has been the first migration of a legal entity-based collection to the ABSBR.

3. Short title of work which was done

Statitical unit / Legal entity mapping

Description of work (max 4-5 sentences)

Mappings have now been completed and quality improvements are continuing.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Pilot combing profiling and editing functions

Description of work (max 4-5 sentences)

The Business Register Unit and the Annual Industry Survey team have created a joint team to undertake a pilot study to investigate how profiling and editing activities can be combined. The aim of this project is to identify how a joint team could improve quality, achieve efficiencies and reduce provider burden.

2. Short title of work planned

Location statistical units

Description of work (max 4-5 sentences)

The revised version of the ABS Economic Units Model released in 2013 reinstated the location. External sources of business locations have been assessed however there is no source that that has an acceptable level of coverage. Work is continuing with a key administrative source to improve their data locations data quality, plus some modelling approaches will also be investigated.

3. Short title of work planned

Expanded and outwardly facing ABS Business Register

Description of work (max 4-5 sentences)

Significant re-engineering of the ABS Business Register will be undertaken over the next 2 years in order to support the new ABS Business Register conceptual model. The key outcomes will be: * an expanded and outward facing ABS Business Register * an ABS Business Register that is the integrating spine for firm level data to support * an ABS Business Register that supports regional and longitudinal outputs

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Staffing availability

Description of the challenge

The ABS budget is tight and there has been little recruitment in recent years with capable staff in demand throughout the organisation. There is an emerging requirement for BRU staff to have strong analysis and technical skills. The BRU needs to attract competent staff and to retain them.

2. Main challenge 2

Transformation program

Description of the challenge

Organisational transformation, including re-engineering of the ABSBR will be complex and will need to be delivered within a fixed budget and timeframe while maintaining the core work program. Expected challenges include project managing multiple work streams and building staff capbility in shorter timeframes than the current expectations. Significant remediation work on the ABS Business Register is required in preparation for this re-engineering.

3. Main challenge 3

Quality of source stock information

Description of the challenge

Legal entity-based industry and some other coding are maintained by the Australian Business Register (ABR) which is part of the Australian Taxation Office. The BRU has an ongoing work program with the ABR to improve the quality of industry coding. There are now plans for new ABN registrations to also be offered through a whole of government website and accounting software. Industry coding via these mechanisms will need to be carefully monitored.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **AUSTRIA**

Reporter:

> Nadine Bachholz

Institution:

> Statistics Austria

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register for statistical purposes (Unternehmensregister für statistische Zwecke)

2. Name of the organisation responsible for holding the register

> Statistics Austria

3. Position of the register unit in the organisation

> The Austrian business register is placed within the Registers, Classifications and Geoinformation Division of Statistics Austria, which is reporting directly to the Directors General (http://www.statistik.at/web_en/about_us/organisationstructure/index.html)

4. Number of employees in the register unit (Headcount employees)

> 32

5. Primary goal and use of the register

> Providing a comprehensive, good quality framework for surveys; for grossing-up economic data, for classifying economic units, providing links between various administrative sources

6. Year of establishment of the register

> 1995

7. Year(s) of the main re-engineeering(s) of the register

> 2013

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Legal units: 523.009 (including non profit and governmental units, 503.962 LU without those)

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Implementation of Enterprise Groups into the BR

Description of work (max 4-5 sentences)

> Continuation of the work regarding improvement and preparation of the statistical unit "Enterprise group" in the BR and for the introduction of the statistical unit "Enterprise" in the upcoming year.

2. Short title of work which was done

Improvement of the register maintenance application

Description of work (max 4-5 sentences)

The register maintenance application has been made more userfriendly and some features for easier maintenance have been implemented (most of these amendmens are GUI-related and include functions like "enter change in all month which are open for maintenance").

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Implementation of the statistical unit Enterprise

Description of work (max 4-5 sentences)

The objectives are to implement the statistical unit "Enterprise" into the BR and to implement IT processes for the delineation of the statistical unit enterprise which are to be treated automatically and to create IT tools for manual maintenance.

2. Short title of work planned

Implementation of new automatic concepts regarding new units and deletion of units

Description of work (max 4-5 sentences)

Several new maintenance concepts (including automatic procedures for the treatment of new units and automatic deletion of no longer active units) have been finalized from the business side of view, IT implementation is still pending due to lack of ressources.

3. Short title of work planned

Further improvement of the BR application and WEB-View

Description of work (max 4-5 sentences)

A list of new features for the BR application has been discussed with IT, implementation is still pending. The BR WEB-View tool will be made more userfriendly and will feature more characteristics of units in order to make use of the WEB-View easier and the content more comprehensible for internal users (who are not maintenance users).

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Different requirements

Description of the challenge

Having to deal with the different requirements of the different administrative sources (each admin. source has its own understanding of enterprises, legal units, of the relevant address, of the economic activity etc). Dealing with the business register for adminstrative purposes (which is a source for the Austrian BR, as the admin. sources are linked within the BR for admin. purposes), and providing a heterogene definition of the units.

2. Main challenge 2

Ressource problems

Description of the challenge

Programmers as well as clerks are subject to ressource problems. Therefore even if e.g. concepts may be
finished from the register point of view, their implementation into the system takes a very long time

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> Azerbaijan

Reporter:

> Tohrul Ajalov, Deputy Head of Coordination of statistical works and strategy planning department, Head of Register of statistical units and sampling surve sector

Institution:

> State Statistica Committee

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> State Register of Statistiacal Units

2. Name of the organisation responsible for holding the register

> State Statistica Committee

3. Position of the register unit in the organisation

> Register of statitrical units and sampling survey sector under the Coordination of statistical works and strategy planning department

4. Number of employees in the register unit (Headcount employees)

> 5 employee

5. Primary goal and use of the register

> The primary goal of the register is conducting observation on the demographical changes at the enterprises, also register is the main data sources for conducting of sampling survey, economical cenusus.

6. Year of establishment of the register

> 1996

7. Year(s) of the main re-engineeering(s) of the register

> 2000

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 42427   individual enterprenuer: 150 000

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> New software for maintenance of the business register

Description of work (max 4-5 sentences)

> Has been created new software for maintenance of the business register. The data base on Msql, operating system Java. New software make possible periodically updating process of the register, regional statistical offices conduct updating from their pc using new software also they can add record new local units to the main register.

2. Short title of work which was done

[ ]

Description of work (max 4-5 sentences)

[ ]

3. Short title of work which was done

[ ]

Description of work (max 4-5 sentences)

[ ]

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Use more administrative data

Description of work (max 4-5 sentences)

In order to use more administrative sources for keeping more actual information in business register we are planning to sign agreement with holder of the administrative register. To integrate register with more administrative data sources

2. Short title of work planned

[ ]

Description of work (max 4-5 sentences)

[ ]

3. Short title of work planned

[ ]

Description of work (max 4-5 sentences)

[ ]

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Weak cooperation with administrative data holder

Description of the challenge

Considering that there are a good potential of the administrative registers in the country but still has problem to cooperate with some of the administrative data holder.

2. Main challenge 2

[ ]

Description of the challenge

[ ]

3. Main challenge 3

[ ]

Description of the challenge

[ ]

Wiesbaden Group on Business Registers -
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Country progress report 2015 and future plans

Country:

> **Belarus**

Reporter:

> Svetlana Nichiporuk

Institution:

> National Statistical Committee of the Republic of Belarus

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Register

2. Name of the organisation responsible for holding the register

> National Statistical Committee of the Republic of Belarus

3. Position of the register unit in the organisation

> Statistical Register Department

4. Number of employees in the register unit (Headcount employees)

> 6

5. Primary goal and use of the register

> To provide the uniform recording of respondents and statistical units to organise and conduct state statistical surveys.

6. Year of establishment of the register

> 1999

7. Year(s) of the main re-engineeering(s) of the register

> 2001, 2013

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 141600   Legal units:141600 legal entities, except house-building cooperatives, housing cooperatives, gardening associations, garage cooperatives and cooperatives operating car parkings, political parties, trade unions, religious organisations (associations).

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Introduction of the new version of the National Classification of Economic Activities (OKED) based on NACE rev.2 in the Statistical Register

Description of work (max 4-5 sentences)

The work on the implementation of the new OKED version based on NACE Rev 2 in the statistical register was finalised in 2015. The principal economic activity of all establishments was re-coded in the register snapshot as at 1 November 2015 and of all establishments registered in November-December 2015. From 1 January 2016 the register was completely moved to the new OKED version based on NACE Rev. 2.

2. Short title of work which was done

Modernization of software for the administrative part of the Statistical Register

Description of work (max 4-5 sentences)

The software package for compilation and maintenance of the administrative part of the register was updated in 2015. At present the database of the administrative part of the register is gradually moved to the new software.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Expansion of information base of the Statistical Register

Description of work (max 4-5 sentences)

Work has been planned for 2016-2017 to include individual entrepreneurs in the register. In 2016 amendments will be made to to legal acts regulating interaction between the registration authorities with other government agencies on state registration and liquidation of economic entities using the the automated information system (AIS) 'Interaction'. Both AIS 'Interaction' and the software package of the administrative part of the register will be updated and refined accordingly. These activities will ensure the receipt and processing of data cards of individual entrepreneurs by statistical bodies.

2. Short title of work planned

Establishment of Business Demography statistics

Description of work (max 4-5 sentences)

Plans for 2016 include work on preparation of the information base for the business demography indicators, including identification of sources and obtaining of information on the employment and revenue of establishments not included in the sample statistical survey of financial and economic activities of micro-enterprises.

3. Short title of work planned

Introduction of the classification of institutional units by sectors of the economy in the Statistical Register

Description of work (max 4-5 sentences)

it is planned for 2016 to develop an algorithm and software for assigning codes of the Classification of Institutional Units by Sectors (CIUS) to the register units.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Establishment of Business Demography

Description of the challenge

There is a problem of designing a separate database for business demography which will accumulate information from the register and other sources. Moreover, there are difficulties with designing and further development of the special software making the required computations.

2. Main challenge 2

Introduction of the classification of institutional units by sectors of the economy in the Statistical Register

Description of the challenge

At present stage we face difficulties related to the assigning of CIUS codes of 3 or more digits to the register units.

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Bosnia and Herzegovina**

Reporter:

> Dzenita Mustafic

Institution:

> Agency for Statistic of Bosnia and Herzegovina

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register (SBR)

2. Name of the organisation responsible for holding the register

> Agency for Statistic of Bosnia and Herzegovina

3. Position of the register unit in the organisation

> The Unit for Business Register and Economic Classifications is a part of Business Statistics Department

4. Number of employees in the register unit (Headcount employees)

> 3 (together with employees for economic classifications)

5. Primary goal and use of the register

> The primary goal of the SBR is to be the frame for statistical surveys, source of units and their basic characteristics, source of business population and a tool for analysis of business population in Bosnia and Herzegovina.

6. Year of establishment of the register

> 2008

7. Year(s) of the main re-engineeering(s) of the register

>

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 59.296 (without entrepreneurs/crafts)

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Further improving the quality of the SBR

Description of work (max 4-5 sentences)

> In the beginning of 2015 the Agreement on the employment data exchange, with the Directorate for Finance in Brcko District of BiH, was signed. According to this Agreement the data on the number of employees for the entrepreneurs of Brcko District, are delivered on a regular basis. This has improved the SBR data quality and the possibility to use data on entrepreneurs from the SBR for the regular statistical surveys.

2. Short title of work which was done

Preliminary data on Busines Demography

Description of work (max 4-5 sentences)

Preliminary data for BD on births and deaths is being prepared, even though we are not satisfied with quality of data from administrative sources. Draft Methodology for linking SBR with the compilation of SBS business demography (BD) has been made and will be presented on the next mission on BD. This activity is implemented through IPA 2012 Twinning Project.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Institucional sector codes

Description of work (max 4-5 sentences)

Together with National Account we started to prepare methodology for determining and allocating institutional sector code to all SBR units,according to the NA rules. This activity is carried out with the support of IPA 2012 Twinning Project.

2. Short title of work planned

Preparations for the introduction of enterprise groups

Description of work (max 4-5 sentences)

Through the IPA, we started to develop the methodology for establishing enterprise groups in SBR: rules for construction, observation and updating of EG characteristics in SBR. Also, we started to analyze data sources for EG.

3. Short title of work planned

Improvement of the SBR application

Description of work (max 4-5 sentences)

According to the two previous activities, we planned to work to improve the SBR data model and application, together with the IT department. SBR data model and the application have not changed since 2009, when common SBR started to use in all three statistical institutions. The changes will be linked with the introduction of new features in the SBR (enterprise groups, business demographics, codes institutional sector, new sources etc.)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Introduction of enterprise groups

Description of the challenge

Introduction of enterprise groups will be the challenge for us in the next period, because of too many different administrative laws and many different administrative sources with insufficient data quality level.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

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Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

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Country:

> **Bulgaria**

Reporter:

> Iliyana Iskrenova

Institution:

> National Statistical Institute of Bulgaria

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Register of Statistical Units (RSU) /Statistical Business Register (SBR)

2. Name of the organisation responsible for holding the register

> National Statistical Institute of Bulgaria

3. Position of the register unit in the organisation

> Business Registers Department, Business Statistics Directorate

4. Number of employees in the register unit (Headcount employees)

> 7

5. Primary goal and use of the register

> The main goal of the Register of Statistical Units is to be a core statistical infrastructural element in the production of economic statistics. The register is used to maintain statistical units, to provide sampling frames for statistical surveys and annual frozen frames, to produce business demography statistics, to facilitate exchange of data on multinational enterprise groups in EGR production process, etc.

6. Year of establishment of the register

> 1995

7. Year(s) of the main re-engineeering(s) of the register

> In 2005 the main re-engineering of the Register of Statistical Units was done.
> In the middle of 2015 finished second main re-engineering and the statistical unit "Enterprise group" was implemented in SBR.

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 486 804	Legal units: 1 478 936

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Implementation of statistical unit "Enterprise group" in the Register of Statistical Units (RSU).

Description of work (max 4-5 sentences)

The Register of Statistical Units (RSU) has been re-engineered and software has been developed for delineation and updating of Enterprise groups (EGs).

2. Short title of work which was done

Exchange of data on multinational enterprise groups in EGR production process.

Description of work (max 4-5 sentences)

BNSI has participated in the test phase of EGR 2.0 and has provided data on multinational enterprise groups in EGR production process.

3. Short title of work which was done

Finished work on two ESBRs projects from the Eurostat Grant Programme 2014

Description of work (max 4-5 sentences)

BNSI finished work on the ESBRs projects: "Delineation of Statistical Units and Testing Profiling" and "Improvement of national business registers and testing of European profiling". As result the national SBR was adapted to store the unique identification numbers of foreign units (foreign direct parents and/or foreign subsidiaries) and EGR LEID numbers. BNSI applied profiling methodology for initial light and intensive profiling. BNSI has evaluated the impact of switching from legal units to (truncated) enterprises, also have delineated the population of enterprises to be treated automatically and automatically compile data for some SBS variables (turnover, value added and number of persons employed) for the national enterprises.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Improve implementation of the Kind of activity unit (KAU) in SBR

Description of work (max 4-5 sentences)

The NSI of Bulgaria will develop and implement algorithms for determination of enterprises with significant influence on the aggregated (national) data at NACE activity level because of their size and will include information on number and NACE activities of the KAUs in the business register.

2. Short title of work planned

Testing of Eurostat IPT tool and calculation of quality indicators

Description of work (max 4-5 sentences)

In frame of the Grant 2015 action, BNSI will test Eurostat IPT tool and will calculate 21 quality indicators in order to measure the quality of the input and output of the EGR process. The results concerning the business structure of the global enterprise groups will be uploaded using the IPT tool.

3. Short title of work planned

Development of information system for automatic consolidation of statistical business indicators.

Description of work (max 4-5 sentences)

Development of information system that should automatically consolidate accounting data of legal unit on the base of predefine criteria and consolidate indicators for the statistical units "Enterprise Group".

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Adaptation of the statistical business register (RSU) in order to meet new EU and national requirements.

Description of the challenge

It's challenge to adapt the RSU in order to meet the new EU and national requirements. The more efficient interactive process between national SBR and EGR will result in improved quality of the national statistical business register and RSU will better perform its backbone role in business statistics.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - **International Roundtable on Business Survey Frames**
Country progress report 2015 and future plans

Country:

Canada

Reporter:

Jamie Brunet

Institution:

Statistics Canada

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Business Register

2. Name of the organisation responsible for holding the register

Statistics Canada

3. Position of the register unit in the organisation

Statistical Registers and Geography Division

4. Number of employees in the register unit (Headcount employees)

70

5. Primary goal and use of the register

The Business Register is used by the economic programs as a frame to determine the in-scope population, to select a sample, to support collection activities, to monitor and control response burden and to support business demographics analysis.

6. Year of establishment of the register

1987

7. Year(s) of the main re-engineeering(s) of the register

2006-2008

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 6,500,000 currently active enterprises

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Complex enterprise profiling procedural review and staff re-structuring

Description of work (max 4-5 sentences)

> Continuing the work identified in last year's report, we continued to re-structure the work team that conducts profiling of complex enterprises.   A number of new professional positions were created to ensure that the staff who work with enterprises to identify their statitistical structures have the accounting or economics background that is appropriate for this type of work.   We have also been closely reviewing and making improvements to our profiling procedural documentation and training materials.

2. Short title of work which was done

> Quality Assessment Framework

Description of work (max 4-5 sentences)

> Over the past two years, we have been working intensively to streamline our quality dashboards and quality assurance reports of the Business Register. In addition we have developed new methods for using the level of corroboration between the various data sources to determine a quality score for the industry codes assigned to business units. We have also begun to develop new metrics to assess the overall coherence and reasonableness of complex enterprise profiles (ex: multi-legals, multi-establishment enterprises). This last step of the project is considered to be of utmost importance given the importance of complex enterprises in Statistics Canada's national accounting and other outputs.

3. Short title of work which was done

> Globalization pilot study

Description of work (max 4-5 sentences)

> The Business Register is closely involved in work resulting from Statisics Canada's participation on the Globalization Task Force of the OECD. This past year, our enterprise profilers have piloted some test questions to determine whether enteprises are engaged in international 'Factory-Less Goods Production' and 'Merchanting'. The questions seem to have tested very well, and we expect they will be used as 'filtering questions' for a larger set of questions that are being developed to measure the incidence and magnitude of these phenomena.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

> Establish the Business Register as as centralized resource for Business Demography

Description of work (max 4-5 sentences)

> We have formally resourced and launched the project to strengthen the Business Register as a tool for analyzing the life cycles and drivers of success for firms. We are producing a detailed plan to improve the longitudinality of enterprise records. This will entail working with partners in Statistics Canada and also in other countries to closely examine the identification and correction of false births and deaths. We will also be identifying and considering possible data models that would ensure that we provide a solid data infrastructure for coherent and meaningful business demography statistics.

2. Short title of work planned

> Integration of the Business Register with international trade statistics frames

Description of work (max 4-5 sentences)

> There are a few aspects of international trade and foreign direct investment statistics that we would like to strengthen on the Business Register.   The importer-exporter database used to compile international trade trade statistics is linked to the Business Register, but the level of integration could be improved. We will also be reviewing data from the federal tax agency to ensure that the taxation accounts used to process excises and duties are being optimally used for the Business Regsiter.

3. Short title of work planned

> Long-term visioning for business and social registers

Description of work (max 4-5 sentences)

There is an increasing interest in Statistics Canada to move to more integrated and interconnected set of registers across the business, household and institutional sectors. These are very early discussions, but the longer-term vision would be to implement a system similar to the one elaborated by the Wallgren and Wallgren. As a first step, it may be necessary to streamline the registers on the social side, which currently does not have the same level of centralization within Statistics Canada as the Business Register.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Making the best use of the many different administrative and survey data sources

Description of the challenge

The variety and volume of data and system users that are used to maintain the Register also create challenges from a data modelling and processing standpoint.   For example the ability to update industry codes using taxation account registrations, tax forms, business survey feedback mechansims, in addition to updates by the many industry specialists and enterprise profilers at Statistics Canada requires a clear sense of how these various sources should supercede one another to come up with the 'right' code for a business unit. Similarly, updating of business status codes and other key attributes becomes increasingly complex. The availability of more and better data is an opportunity that challenges us to ensure that our data processing models are optimal and robust. It also highlights the need for meaninglful quality assessment metrics to support optimized processing rules and data algorithms.

2. Main challenge 2

Ensuring our technology and data archiving keep pace

Description of the challenge

As the volume of data and number of users and processes of the Register expands, we continue to work hard to ensure that our IT infrastructure adapts. Our server and processing capacity requires on-going evaluation and renewal. In recent years, there has been a transition to shared servers and IT management structures with other programs, which requires well-defined service level agreements and collaboration with IT providers.   We must also keep a close eye on historical data that is being retained and archive items that are no longer required on the main system. Our Business Register System is used by survey analysts and also business survey interviewers as an integral part of their duties. It is therefore essential that we maintain a high level of performance and service for those using the Register for daily business operations.

3. Main challenge 3

Classification challenges and on-going improvement of enterprise structures

Description of the challenge

As always, there are some specific challenges relating to classification and/or conceptual framework of the Business Register and the units it encompasses. Currently, there are on-going discussions with the National Accounts as to how the wholesaling and distribution actvities should be distinguished within the enterprise structures of large manufacturing enterprises. One issue that is coming closer to a resolution is the need to reduce the over-classification of enterprises to the "Holding Company" category. We have nearly completed hypothesis testing for a set of probes that will help to ensure that this classification will be used only once the various defining criteria have been carefully considered. As indicated in the Future Plans section, we also continue to focus on making sure we do the best job possible to ensure the complex enterprise profiles acurately reflect the current allocation of activity to geographic areas and industries.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

CHINA

Reporter:

WANG WEIYU;SHEN NA

Institution:

Census Center ,NBS

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Business Register

2. Name of the organisation responsible for holding the register

Census Center,NBS

3. Position of the register unit in the organisation

Basic and important work

4. Number of employees in the register unit (Headcount employees)

30

5. Primary goal and use of the register

Being the one and only frame for various statistical surveys, the BR is to provide principal lists for 'above threshold' enterprises, 'under threshold' enterprises and non-enterprise units.

6. Year of establishment of the register

2001

7. Year(s) of the main re-engineeering(s) of the register

2009

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 12.45 million	Legal units:15.61 million

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Totally updating BR by using data from the third Economic Census.

Description of work (max 4-5 sentences)

Comparing with economic census database, 7.89 billion legal units were updated with data collected from economic census, accounting for 68.6% of the total; 3.35 billion new units were added to BR ; And 2.6 billion closed or bankrupt were eliminated.These units were marked according to types of update in BR. Furthermore, licenses information and identification pictures of units obtained from economic census had been hooked to BR units which can be viewed directly online.

2. Short title of work which was done

Exploring new methods to collect information for the maintenance of BR, PDA.

Description of work (max 4-5 sentences)

When the third Economic Census was accomplished, we kept a certain quantity of PDA devices.In order to Improve the efficiency of data collection, from July to November in 2015, a pilot program 'Collect information for updating BR with PDA' had been carried out in three regions of Jiangsu and Guangxi provnce, which collected questionnaires and licenses information about newly established units in the period of second quarter by PDA.We are now doing the summarization work for the pilot program,The next step is to gradually promote a widespread application of PDA for data collection.

3. Short title of work which was done

Propelling the progress of sharing data between departments

Description of work (max 4-5 sentences)

The interim measures of management on sharing SBR data between departments was issued. It consists of 5 cahpters，and 16 clauses, regulations concerning the extent ,principle ,respective responsibilities, procedure ,as well as confidentiality and data security are stipulated in the document.it could be regarded as the policy guarantee for data sharing, which propelled the progress of sharing data between departments and standardized the management of survey units from different department statistics.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Carry out the pilot work and establish a survey program for profiling

Description of work (max 4-5 sentences)

We are currently doing the research of profiling and are expecting to establish a formal survey program to collect the information of structures of the medium and large enterprise groups in BR, and to clarify the hierarchical relationship between related legal units, as well as the relationship of the legal units and certain establishments. These steps are expected to give a strong support for the application of statistical data.

2. Short title of work planned

Complete and promote the intelligent coding of industry classification

Description of work (max 4-5 sentences)

Some progress on this work has been made through pilot work in 2015. This year, we will improve program development mode continuously, and make the description of "principal activities" more standardized. Lack of key judgment words, too simple or too complex description of "principal activities" is the biggest obstacle to realize the intelligent coding of industry classification in BR. Gradual cleaning will be done in the next half year.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Massive maintenance work

Description of the challenge

Along with the reform of China's industrial and commercial registration system, the market has seen a big growth in newly registered market players. Meanwhile, a large amount of small and micro business change their operation modes or cease their activities all the time, thus these frequent changes have brought great burden to the maintenance of SBR. Local statistical agencies are in lack of professional staff responsible for BR's maintenance, and the existing staff are not stable or high-qualified, thus the local statistical agencies are not capable of verifying tens of thousands of units and meeting the requirements of BR's maintenance, with which comes along the problem of data quality control.

2. Main challenge 2

Difficulty in utilizing administrative resources from other departments

Description of the challenge

In non-census years, administrative records are an important source for BR updating and maintenance. However, the organizational code in administrative records is somewhat different from that in the BR. it is lack of a sole identifier to exchange data with related departments, and that greatly hinders the work of linking different administrative registers with BR. Work should be done towards the creation of a unique identifier (in conjunction with other ministries such as the taxation department).

3. Main challenge 3

BR has little information about the structures of large enterprise groups

Description of the challenge

The parent companies and their subsidiaries, and the legal units on each level of the unincorporated enterprise groups should all be treated as respondents and report their data respectively, rather than the parent companies reporting the data for their direct or indirect subsidiaries, which is very common in practice. This would lead to duplicates, while BRs do not have the structure of these enterprises with complicate relationships.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **CROATIA**

Reporter:

> Zrinka Pavlović

Institution:

> Croatian Bureau of Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register

2. Name of the organisation responsible for holding the register

> Croatian Bureau of Statistics

3. Position of the register unit in the organisation

> Statistical Business Register Unit within Statistical Infrastructure Directorate

4. Number of employees in the register unit (Headcount employees)

> 6

5. Primary goal and use of the register

> Statistical Business Register is a frame for statistical surveys and a tool for analysis of business population. It provide good coverage of businesses and all necessary information that is needed to conduct surveys and to describe business population.

6. Year of establishment of the register

> 2004

7. Year(s) of the main re-engineering(s) of the register

> 2008-2010; 2015 for EG

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	197188	Legal units:197188

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Improvement of data on enterprise groups and testing of European profiling

Description of work (max 4-5 sentences)

Croatia participated in the Eurostat's grant project "Improvement of National Business Registers and testing of European profiling". A lot of effort has been put into the improvement of the data on enterprise groups registered in SBR - several administrative sources were used as well as various web pages, and this work has been done manually. One Croatian enterprise group was profiled intensively with very good results, two light profiling was performed as the country of GDC as well as 20 partnering country profiling cases. SBR data base was enlarged to accept all identifiers needed for the exchanging data with the EGR and some automatic procedures for facilitating the exchange of the data has been prepared too.

2. Short title of work which was done

Improvement of accuracy of the SBR by more frequent updating and using new administrative source

Description of work (max 4-5 sentences)

Due to establishment of web service for data transfer from Craft Register, updating of craft-businesses is performed on daily basis. A new administrative data source was used for more reliable and timely data on number of employees and persons employed.

3. Short title of work which was done

Regional business demography

Description of work (max 4-5 sentences)

Within the EU grant project, data on regional business demography was prepared for the first time.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Enterprise groups and profiling

Description of work (max 4-5 sentences)

Croatia participate in the ESS ESBRs 2015 Eurostat's grant "implementation of interoperable Business registers", in which we will perform follow up profiling of the groups that were profiled in the previous grant, and we will profile 3 new Croatian groups. We will do it by using the IPT tool provided by Eurostat, and in the same time we will test the IPT tool. By doing that, we will also work on improving the quality of the EG in our EG register which is continuous work.

2. Short title of work planned

Geocoding addresses in SBR

Description of work (max 4-5 sentences)

The SBR is going to be connected with the Register of territorial units in order to establish automatic procedure of coding streets and geocoding addresses of SBR units. For that purpose application is created that enables automatic matching of street names registered in SBR with official street names via thesaurus of street names, and manual linking for automatically non matched names.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Work on development and maintenance of SBR with very scarce resources

Description of the challenge

> Requests towards SBR and needs for further developments are increasing but it is not supported with necessary resources. For that reason, greater use of administrative sources for the purpose of updating of SBR and development of tools for replacing manual work with automated procedures is seen as only solution.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

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│          Wiesbaden Group on Business Registers -                 │
│      International Roundtable on Business Survey Frames           │
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│          Country progress report 2015 and future plans           │
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Country:

Denmark

Reporter:

Steen Eiberg Jørgensen

Institution:

Statistics Denmark

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Danish Statistical Business Register (SBR)

2. Name of the organisation responsible for holding the register

Statistics Denmark

3. Position of the register unit in the organisation

Business Data Collecttion and Registers, Department of Business Statistics

4. Number of employees in the register unit (Headcount employees)

App. 15

5. Primary goal and use of the register

The Main purpose of the SBR is to make the statistical frame for any business related statistics produced by Statistics Denmark.

6. Year of establishment of the register

1999

7. Year(s) of the main re-engineeering(s) of the register

2008, 2011, 2013

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 315.000 (over trashhold)	Legal units: 750.000

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Handling big and complex Enterprise Groups

Description of work (max 4-5 sentences)

A project for the biggest danish groups to create enterprises and create data confrontation between different statistics to improve the quality

2. Short title of work which was done

Particitipated in a EU-grant about automatic creation of enterprises for small groups

Description of work (max 4-5 sentences)

> We has tested in SBR how we can create enterprises, on group level, automatically. In SBS we has tested the impact of it and how to consolidate. The project is not finished.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

> Change the exchange of data with the Administrative Business Register to a WEB solution.

Description of work (max 4-5 sentences)

> The exsisting platform for exchange of data is out-dated and as the Administrative Business Register plans to change to a WEB-platform, Statistics Denmark has to be able to receive data in this way. The project has started.

2. Short title of work planned

> Include new administrative sources

Description of work (max 4-5 sentences)

> Include information about participants in the companies. Owners, directors, chairman, board members etc.

3. Short title of work planned

> FKV - Business Critical Groups

Description of work (max 4-5 sentences)

> It's a project about profilling 40-50 most important groups in relation to Statistics Denmark. Profiling for creating homogeneous Enterprises and data confrontation to get harmonized input/output between different statistics

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

> Change the exchange of data with the Administrative Business Register to a WEB solution.

Description of the challenge

> The exsisting platform for exchange of data is out-dated and as the Administrative Business Register plans to change to a WEB-platform, Statistics Denmark has to be able to receive data in this way.

2. Main challenge 2

> To little information

Description of the challenge

> A lot of initiatives is taken by different partners who deliver data to Statistics Denmark. Many of these will influrence the SBR. In some cases the changes are carried out without informing Statistics Denmark which causes quick and unplanned changes, other changes are known (eventually not in details) and make it possible to plan the changes.

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - **International Roundtable on Business Survey Frames**
Country progress report 2015 and future plans

Country:

Dominican Republic

Reporter:

Luis Madera Sued

Institution:

National Statistics Office

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Directory of Companies and Establishments (DEE)

2. Name of the organisation responsible for holding the register

National Statistics Office

3. Position of the register unit in the organisation

Unit Business Directory belongs to the Statistics Division Infrastructure, which in turn depends on the Department of Economic Statistics and the Bureau of Continual Statistics.

4. Number of employees in the register unit (Headcount employees)

8

5. Primary goal and use of the register

Being the sampling and weighting framework of the National Survey of Economic Activity and other institutional economic surveys and National Accounts

6. Year of establishment of the register

2009

7. Year(s) of the main re-engineeering(s) of the register

2016

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: (For 2013) 56,571. We expect little more than 72 thousand for 2016.	Legal units:

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

National Register of Establishments

Description of work (max 4-5 sentences)

> After lifting a job 11 months gathering info First National Register of Establishments was completed. This survey is the first attempt of economic census survey in the field. It included formal enterprises (registered) and unregistered (informal). The latter are the vast majority of economic units nationwide. They have already published 20 provincial and preliminary reports are expected for August 2016 has published the final report of final results. We understand this must be updated periodically as a complement to the DEE, as the informal part is about 60% of employment and 85% of production units, especially micro and small.

2. Short title of work which was done

Implementation of indicators of exporting companies and importers

Description of work (max 4-5 sentences)

> Since 2014, the effort began to relate the databases of international trade with the database of our Directory of Companies and Establishments. The main objective is to exploit mejory enrich the information from both sources, generating information, among others, the participation of MSMEs in International Trade. It has been included in the annual work plan update it annually, through debugging and crossing their information, being published in all institutional channels.

3. Short title of work which was done

Update 2016 Business Directory

Description of work (max 4-5 sentences)

> We are currently in the first stage of the lifting and updating our DEE 2016 have been included databases Tax and Social Security. An innovation has been the inclusion of a large database of employers in the Ministry of Labour, as well as a large database of business customers of distribution companies of electricity. We hope that these two inclusions forlatezcan and allow the continuous updating of data DEE. This will be used as a framework for the National Survey of Economic Activity 2016 (ENAE).

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Periodic updating of RNE

Description of work (max 4-5 sentences)

> As one of the biggest problems for census statistical operations is the difficulty of obtaining financial resources, we have thought of two alternatives for more efficient use, while the RNE outdated. First, the RNE is the only economic census survey, without thinking to census surveys in more depth in the thematic scope, but leave that to the annual economic surveys. Second, ask a partial annual update of RNE, dividing the country into 5 or 7 territories, in order to update the 3 main provinces every 5 years and the rest of the country every 10 years. This allows you to request a more stable and not with huge spikes in the years of rising budget, which is less likely in our fiscal and economic scenarios.

2. Short title of work planned

Using the database of electricity customers as the principal for updating the DEE

Description of work (max 4-5 sentences)

> This database allows even monthly update DEE data, as this is the frequency with which this source is updated. It also allows adding to the base of DEE variable consumption and electricity costs, a topic of great interest to society. It also allows even a partial update for RNE, as it includes both formal and informal units.

3. Short title of work planned

Information exchange agreement with the Inland Revenue

Description of work (max 4-5 sentences)

> It is close to the signing of the collaboration agreement, which has been discussed for the past 6 years. This agreement will receive the records at the enterprise level, but without the economic variables and, on the other hand economic data added by industry and size, the economic part of business. We will not have economic data by companies, but by sector and size ranges, which improves the work of both the DEE and the Economic Survey.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Ensure exchange of information with administrative sources

Description of the challenge

The one that relies mainly on the use of administrative sources. However it has not been possible to achieve a regular and systematic data of provenienes Social Security or Tax exchange. The main reason is the lack of awareness of these authorities on the importance of a good directory of companies and savings for the state which means to reuse their data for this operation.

2. Main challenge 2

The scope and coverage DEE limited due to the level of informality of the Dominican economy

Description of the challenge

When performing RNE between 2014 and 2015, the hypothesis that the universe is eminently Dominican business casual confirmed. More than 85% of ecoómicas units, especially micro, carry no record despite being installed on a local specialized labor and hire regular or temporary work. That indicates that it is not possible to maintain adequate monitoring of the business world, by DEE, if it is not complemented by an uprising in minimalist ground, as RNE, from time to time. So, knowing the high demand for economic resources it requires.

3. Main challenge 3

Insufficient financial resources

Description of the challenge

Connected to this, the need to update every 5 or 10 years, RNE, complementing the DEE, brings again, as one of the main challenges, the issue of insufficient regullares and adequate financial resources. It is necessary to redouble efforts and innovate them, to get the authorities to prioritize these activities and equip themselves with the necessary resources to perform them with quality and coverage policies require.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **ESTONIA**

Reporter:

> Ms Svetlana Shutova

Institution:

> Statistics Estonia

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business register for Statistical Purposes

2. Name of the organisation responsible for holding the register

> Statistics Estonia

3. Position of the register unit in the organisation

> Data Processing and Registers Department

4. Number of employees in the register unit (Headcount employees)

> 7

5. Primary goal and use of the register

> The goal of the register is to create the sampling frame for statistical surveys and to produce statistics on the demography of enterprises and statistics on enterprise groups

6. Year of establishment of the register

> 1994

7. Year(s) of the main re-engineeering(s) of the register

> 2002, 2011-…

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 151658   Legal units:151689

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Eurostat project "Merging statistics and geospatial information in member states"

Description of work (max 4-5 sentences)

> SE participates in Eurostat project "Merging statistics and geospatial information in member states" since the beginning of 2015. One of the main goals of the project is the geo-referencing of the data of statistical units in the register. At the end of the last year about 85% of the adresses in live-register and yearly made copies were normalized and assigned with geo-codes. Project will continue until the end of 2016.

2. Short title of work which was done

Eurostat projects on the themes of profiling and the implementation of the enterprise

Description of work (max 4-5 sentences)

At the end of the 2015, SE has finished two projects — "Improvement of national business registers and testing of European profiling" and "Delineation of statistical units and testing profiling". Main deliverables of these projects were: identification and assignment with LEID (EGR ID) of the foreign legal units stored in BR, description of the main BR processes using GSBPM and GSIM, testing of the implications of automatic profiling at the national level

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Eurostat project "Merging statistics and geospatial information in member states"

Description of work (max 4-5 sentences)

To finish geo-referencing of the data of statistical units in the business and agricultural registers. To start with the development of the system of spatial analyses and publication of data on business population, business demography and agricultural population. New statistical products implemented during this project will be available in statistics map application

2. Short title of work planned

Coordination of the working group of implementation of the enterprise in SE

Description of work (max 4-5 sentences)

Inner project of the implementation of the enterprise into the register and staistical data collection was launched at the end of 2015. Representatives of all fields of statistics (BR, SBS, STS, NA etc) and data collection participate in the working group. Business register has coordinative role in this project. The goal of this WG for the year 2016 is to deliniate the population of units which have to be profiled during next following years and to map organisational, infotecnological and methodological changes which are needed for implementation planned

3. Short title of work planned

Further development of the System of Statistical Registers

Description of work (max 4-5 sentences)

It is planned to continue with the development of the statistical business register and farm register. Functionality of the data updating from administrative and statistical sources and compilation of the frozen frames will be developed in 2016. The preparation of the migration of the data stored in currently used systems into new system is continues

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

New organisational developments in SE

Description of the challenge

At the end of 2015 new organisational developments were implemented in SE. New organisational unit - "team" was introduced. Main idea is to combine specialists who work on one topic or part of the process into one team. BR register team remained unchanged in a whole. Only one important change has occured: function of the creation of the samples (both - total and random) since then became a duty of the register team. Two speacialists who are involved into samples theme are now members of the register team. So the main challenges for us are to manage new function and to keep the register maintained and running smoothly in new organizational developments

2. Main challenge 2

Implementation of the enterprise in SE

Description of the challenge

SE uses a specific methodology of one coordinated frame for all economic and, partially, for social statistics for years. Main challenge is to implement the renewed statistical enterprise into this frame.

3. Main challenge 3

Consistency between different statistical domains

Description of the challenge

To improve consistency of the data of different statistical domains (BR, SBS, Business demography) by improving the scope and methodology of the compilation of the frames used for production of the data.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **European Central Bank**

Reporter:

> Peter Neudorfer

Institution:

> Directorate General Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> RIAD ("Register of Institutions and Affiliates Database')

2. Name of the organisation responsible for holding the register

> European Central Bank

3. Position of the register unit in the organisation

> Directorate General Statistics (DG-S)

4. Number of employees in the register unit

> ~2.0 FTE

5. Primary goal and use of the register

> - Based on Regulations (EC) No 1071/2013 (ECB/2013/33), (EU) No 1073/2013 (ECB/2013/38), (EU) No 1075/2013 (ECB/2013/40) and (EU) No 1374/2014 (ECB/2014/50), maintain and publish lists of financial institutions (i.e. the reporting population for euro area financial statistics).
> - Identifying and maintaining the list of banks and/or banking groups relevant for the 'Single Supervisory Mechanism' (SSM).
> - Supporting monetary policy operations by identifying relevant intra-group relationships (according to the rule defined in the 'General Documentation').

6. Year of establishment of the register

> 1998

7. Year(s) of the main re-engineering(s) of the register

> 2013 (May)

8. Number of active units in the register at the end of 2015

> ~220,000

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Increase the number of (lists of) entities relevant in the context of ESCB statistics.

Description of work (max 4-5 sentences)

> As of end 2015 RIAD also includes European insurance corporations and payment Institutions.
> In parallel RIAD now also comprises European Holding Companies (HC) and Head offices (HO) (populated by a majority of EU NCBs and NSIs on a voluntary basis).

2. Short title of work which was done

> Further develop the functionality and usage of RIAD.

Description of work (max 4-5 sentences)

> The system was further enhanced with respect to its usage for Market Operations and for Banking Supervision purposes. Concerning the first aspect, RIAD has become a standard component in the day-to-day management of collateral counterparties. The second implied a further enlargement of the data model to cover numerous new and detailed supervisory relevant reference data.

3. Short title of work which was done

> Deepen the ESCB wide data quality management.

Description of work (max 4-5 sentences)

> Much attention was given to strengthen the ESCB wide data quality management. In order to deepening the communication between all stakeholders a dedicated network of experts from NCBs and NCAs ('RIAD Hub Network') has been set-up.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

> Banking Supervision add one challenge (to set up)/potential future benefit (in terms of update and timeliness): the governance due to several stakeholders.

Description of work (max 4-5 sentences)

> Since the ECB has been assigned with important competences in banking supervision, RIAD will continuously increase the support of this area, for instance enhancing the data model wherever needed to process supervisory relevant data.

2. Short title of work planned

> Capacity expansion to cater for managing counterparties for a pan-European Credit Register

Description of work (max 4-5 sentences)

> In order to support the forthcoming euro area wide 'AnaCredit' dataset on credit and credit risk information a project has been launched to ensure that RIAD will - as of 2018 - be ready to manage all necessary reference data describing the relevant counterparties (i.e. lenders and borrowers). The expected effect is that RIAD will see a significant boost in the number of entities processed (up to a factor of 100) and at the same time dramatically increase the coverage of non-financial entities.

3. Short title of work planned

> Closer link with Eurostat's 'EuroGroups Register' (EGR) and
> the 'European System of Business Registers' (ESBRs)

Description of work (max 4-5 sentences)

> To the extent feasible within the current European legal framework, work is under way to enable that RIAD will retrieve (basic) reference data from the EGR and in turn feed information on financial corporations back to the EGR.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Legal obstacles to exchange information between (supra-national) registers

Description of the challenge

A recurrent bottleneck are legal constraints to retrieve information from other (statistical) registers and use them for purpose not explicitly characterised as "statistical". (Not to speak about making the data freely accessible or even publish them.)

2. Main challenge 2

Unique identification of units in a cross-border context

Description of the challenge

While RIAD allows to build-up list(s) of 'alias' codes, i.e. store multiple identifiers of different origins and formats describing the same unit, the number of commonly used IDs among users and producers is neither standardised nor legally enforced. The biggest problems are in this context caused in the field of cross-border relations, in particular to entities outside the EU, tax heavens etc...

3. Main challenge 3

Design and conclude on a comprehensive 'Governance' structure among all stakeholder of RIAD

Description of the challenge

Due to the fact that RIAD on the one hand accepts input from more than one source per unit or attribute and on the other hand serves the needs for various business process or clients coordination among stakeholders (e.g. in terms of update or timeliness) is key. Just to take few examples, the exact recording of specific corporate actions, the correct update of the status of an unit (e.g. 'under liquidation' or already 'closed') or the recording of an unit under the private or government sector, can require complex governance procedures among multiple stakeholders.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **European Union (EU)**

Reporter:

> Amerigo Liotti

Institution:

> EUROSTAT, Statistical Office of the European Union

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register
> EuroGrops Register (EGR)

2. Name of the organisation responsible for holding the register
> Eurostat, Unit G3 (Business cycle, tourism and registers)

3. Position of the register unit in the organisation
> Unit G3 is part of Directorate G (Global Business Statistics)

4. Number of employees in the register unit (Headcount employees)
> 6

5. Primary goal and use of the register
> The EGR is a network of registers consisting of a central register at Eurostat and local registers in the European Statistical System (ESS = EU and EFTA Countries). It contains structural economic information about multinational enterprise groups (MNEs) with an interest in Europe and their constituent units. The primary goal of the EGR is to offer coordinated frame populations for the production of statistics on globalisation.

6. Year of establishment of the register
> 2008

7. Year(s) of the main re-engineeering(s) of the register
> 2013 to 2015

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.
> MNEs: 61.000   Enterprises: 613.000   Legal units: 781.000

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done
> Development of EuroGroups Register version 2.0 and Interactive profiling tool (IPT)

Description of work (max 4-5 sentences)

All applications of the EGR version 2.0 were put into production statistical production. The EGR 2.0 system became complete, having now integrated the EGR Identification Service (identification of units), the EGR Interactive Module (to browse and modify data), the EGR FATS interface (end-user interface) and the EGR Core system (to process data). EGR 2.0 produced data on 61.000 MNEs for reference year 2014 only with the new applications. Also the prototype of the Interactive profiling tool was developed (launched in March 2016) to support the data exchanges of profiling activities in EU Member States.

2. Short title of work which was done

Data quality program for ESS statistical business registers

Description of work (max 4-5 sentences)

The quality of the EGR is highly depending on the quality of the national statistical business registers in the European Statistical System (ESS). An annual SBR Data Quality Program (DQP) has been launched in 2015B61B25B47B72B60, aiming at monitoring, assessing and improving SBR (national SBR and EGR) quality. The EGR DQP builds on the traditional ESS standard quality pillars: quality reporting, quality standards, quality assessment and quality improvement. Some results are already expected in 2016 (implementation year) and more substantial results are expected in the following years.

3. Short title of work which was done

Work on business architecture

Description of work (max 4-5 sentences)

In the framework of the ESBRs project (European System of interoperable statistical Business Registers) a business architecture (BA) document has been developed. It describes how the future systems should operate in response to the identified drivers. This includes how to integrate the profiling results into EGR. The BA is expected to guide the process of improving and making more efficient all SBR in the ESS, including EGR.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Developments on EuroGroup Register version 2.0 (methodology)

Description of work (max 4-5 sentences)

(1) Process improvements, small changes in production timetable. (2) EGR coverage will be improved, more records will be uniquely identified, in addition the methodology will be improved to cover more foreign controlled units. (3) Analysing how to publish statistical data tables from EGR

2. Short title of work planned

Developments on EuroGroup Register version 2.0 (applications)

Description of work (max 4-5 sentences)

(1) EGR applications will be improved to better support NSIs in EGR production (new functionalities, more feedback flows to NSIs in the production phase) and to better support Eurostat EGR Team in the production. (2) Performance improvements in EGR CORE

3. Short title of work planned

Publication of EGR aggregated information

Description of work (max 4-5 sentences)

Some reflections and pilot tests are going on concerning the possibility of using EGR not only to produce frames for statistical users but also to produce directly some aggregated information.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Use of EGR for statistical production

Description of the challenge

Achieve a stable and satisfactory level of quality in order to allow EU Member States statisticians to user the EGR frames population for their statistical activity in production.

2. Main challenge 2

Profiling process and IPT integrated in EGR

Description of the challenge

The results of the profiling activity have to be integrated in the EGR process. This will require to integrate the procedure of profiling and the Interactive Profiling Tool (IPT) with the EGR.

3. Main challenge 3

Produce aggregated EGR tables

Description of the challenge

Produce useful information of good quality, respecting data confidentiality, satisfying specific user needs and creating feedback leading to further quality improvements.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Finland**

Reporter:

> Hanna Heljala, Merja Kemppainen

Institution:

> Statistics Finland

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register

2. Name of the organisation responsible for holding the register

> Statistics Finland

3. Position of the register unit in the organisation

> Data Collection Division

4. Number of employees in the register unit (Headcount employees)

> 18

5. Primary goal and use of the register

> Survey frame, base register in statistics production: source of units and their basic characteristics, source of business statistics population and business demography statistics, enterprise respondent register

6. Year of establishment of the register

> 1968

7. Year(s) of the main re-engineeering(s) of the register

> 2013: Implementation of the revision project of the Business Register and Business Statistics

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 793 000	Legal units: 793 000

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Active participation in the EU level development work regarding Business Register

Description of work (max 4-5 sentences)

> During 2015, Statistics Finland has participated in all three Work Packages of the Essnet on ESBRs, including e.g. the collaboration of ESBRs Business Architecture and the coaching activities within profiling. The work within the 2014 EU grant on 'Delineation of Statistical Units and Testing Profiling' was finalized and the work will continue further into an implementation phase within the 2015 grant 'Delineation of Statistical Units'.

2. Short title of work which was done

Improvements made in the coherence of Business Register data between business enterprises and general government institutions

Description of work (max 4-5 sentences)

The production methods and timetables between the business enterprises and the general government institutions have previously differed within the Business Register. Moreover, the Business Register publication has only covered the business enterprises. One target set out within a large renewal project, was to diminish these differences. In 2015, important steps have been taken to bring the production of the data on general government institutions closer to the one of business enterprises. The production process of the data on general government institutions has been accelerated and also co-operation between different statistics is now utilized more comprehensively. This has lead to improvements in the timeliness of the data as well as to a better coherence between the different sectors. Moreover, the Business Register data on general government institutions has been published for the first time.

3. Short title of work which was done

Centralized process management application

Description of work (max 4-5 sentences)

A centralized process management application implemented in the integrated business statistics production system has been extended to cover all Business Register data collection. Via the application all integration of administrative and survey data into the database can easily be controlled and managed.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Implementation of new units: Complex enterprise (ENT) and the kind-of-activity unit (KAU)

Description of work (max 4-5 sentences)

The work on implementing the complex enterprise units as well as the kind-of-activity units in to the integrated business statistics production system will continue both within a grant agreement as well as through a national project.

2. Short title of work planned

Analysis of nonresponse

Description of work (max 4-5 sentences)

Statistics Finland will further invest in analyzing the nonresponse in the enterprise surveys as well as take active initiatives in order to control and minimize the nonresponse. This will apply also to Business Register surveys where the nonresponse has been increasing in recent years.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Tightening resources together with the additional requirements

Description of the challenge

Tightening resources due to retirements and budget cuts may impose a challenge when seen together with the increasing requirements brought up by the implementation of the kind-of-activity unit and enterprise as well as the additional requirements from the FRIBS regarding e.g. the EGR data exchange.

2. Main challenge 2

Diminishing response rates

Description of the challenge

Response rates to the Business Register surveys have been diminishing already for several years. So far, this has applied mostly to the smaller units and in so has not lead to any remarkable actions. The lack of survey data is replacable by the administrative sources only to some extent and plans have been made to better control the issue in the future.

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - **International Roundtable on Business Survey Frames**
Country progress report 2015 and future plans

Country:

France

Reporter:

Pierrette SCHUHL / Olivier HAAG

Institution:

INSEE

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

SIRUS

2. Name of the organisation responsible for holding the register

INSEE

3. Position of the register unit in the organisation

Direction of business statistics, Department in charge of SBR, Profiling, and Structural Business Statistics; but also of the SIRENE Administrative BR and of the LEI (this part of the NSI works under specific non-statistical regulation)

4. Number of employees in the register unit (Headcount employees)

3 for SIRUS, but also 250 to update the administrative BR SIRENE, with which SIRUS is very largely interlinked.

5. Primary goal and use of the register

• Register Enterprises (including Manual Profiled Enterprises), Legal units, Corporate groups (which form the basis for profiling enterprises), local units, and the networks and links among them all (ownership). • Describe statistical units on the basis of their constituent units • Define reference populations for statistical surveys ("frames") and for using administrative data (including the basis for estimating "enterprises" data from Legal units). SIRUS defines especially the legal unit which are productive units and have market activities. • Construct sampling frames or bases (according to the parameters set by the survey designer), whether the unit of interest be the enterprise, the group or the local unit • Record the statistical burden (at the micro-level) • Calculate the category of enterprise in terms of size (SME, etc.)

6. Year of establishment of the register

2011 for SIRUS (before we used the inter-administrative register called SIRENE- from which SIRUS is a spin-off – and which was established in 1973)

7. Year(s) of the main re-engineeering(s) of the register

Creation of SIRUS: 2011; main events for inter-administrative register SIRENE: creation 1973, re-engineerings: 1990, 2005; and also, beside SIRENE, creation of the French LOU for LEIs: 2013.

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 5 008 449	Legal units: 5 973 175

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Take into account the entreprises thta are manueally profiled

Description of work (max 4-5 sentences)

To be compliant with the European regulation about the statistical unit, the BR must manage the notion of enterprise. By the past the French NSI assumed that each legal unit was equal to an entreprise. But this assumption is not acceptable today with the emergence of the enterprise groups. That is why Insee has been engaging a process of manual profiling. The profiler identifies enterprises within the large groups. These entreprises are registered in the French BR. SIRUS contains some variables about each profiled entreprise (main activity, turnover, number of employees …), its legal unit composition and the entreprise group to which it belongs.

2. Short title of work which was done

Improve the quality of the statistical inactivity definition.

Description of work (max 4-5 sentences)

This indicator enables to identify entreprises which are not closed but have no more economic activity. The definition of this indicator is still simple at the moment . But this indicator allows to identify an important number of enterprises without a real economic activity, even if this number remains underestimated. This indicator enables the reduction of non-response in our surveys and improves the quality of our statistics. The next step is to use more information to upgrade again the quality of this indicator.

3. Short title of work which was done

Calculate the enterprise response burden for almost 200 business surveys

Description of work (max 4-5 sentences)

The French Government made compulsory to include a question on reponse time in all the business statistical surveys from January 2012, with the aim of reducing the entreprise response burden. In 2013, all business surveys already routinely asked about the response burden and the answers from almost these surveys are recorded in SIRUS. This information is especially used to in order to make negative coordination and reduce the global response burden for the enterprises. In order to prove the effort implemented to reduce the statistical burden of the enterprises, Insee is going to establish a barometer about the statistical burden.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Define new statistical unit in SIRUS

Description of work (max 4-5 sentences)

For the moment SIRUS contains information about the legal unit, the entreprises group and the enterprises that are manually profiled. From 2016, in order to be compliant whith the European regulation, SIRUS will contain in addition, the entreprises that are automatically profiled and will be able to give information about the KAU within the most important enterprises.

2. Short title of work planned

Add new variables about globalisation

Description of work (max 4-5 sentences)

Globalisation has come to play such a prominent role in the French economy that Insee decided to introduce new variables in the BR (LEI number, nationality of the enterprise group …). This variables will allow to establish new typologies of enterprises (e.g. independent enterprises versus domestically-controlled or foreign-controlled enterprises, or internationally trading versus not internationally trading enterprises ...). New statistics about globalisation will also be calculated.

3. Short title of work planned

Calculate the indicators of the business demography from SIRUS

Description of work (max 4-5 sentences)

For the moment, the indicators of the structural business demography are estimated from the ABR (SIRENE). This situation produces a difference of scope between the SBS scope defined by SIRUS which takes into account the statistical inactivity and the demography scope. In order to correct this problem, the indicators of the business demography are going to be calculated from SIRUS.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

To make SIRUS the backbone of business statistics.

Description of the challenge

SIRUS must become the reference register for all business statistical sources. SIRUS must take into account the needs of all these sources, dialog with them and be updated by them.

2. Main challenge 2

To integrate SIRUS in the future ESBR.

Description of the challenge

Eurostat launchs a next ESSnet project : ESBR (european system of interoperable business register). So Insee must adapt SIRUS to this goal. SIRUS must be consistent with the future European system .

3. Main challenge 3

To suit the new needs of the users

Description of the challenge

The globalisation of the economy and the new regulation of the statistical units require a lot of adaptation of the BR.SIRUS must manage new variables and different kinds of statistical units and their links. The users want sometimes that the data collection unit differ from te reporting unit etc. The BR must be adapted to avoid the calculation of consistent and realistic statistics.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames
Country progress report 2015 and future plans

Country:

> **Georgia**

Reporter:

> Gogita Todradze

Institution:

> National Statistics Office of Georgia (GEOSTAT)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Entire State Register of Enterprises and Organizations of Georgia

2. Name of the organisation responsible for holding the register

> Business Statistics Division, National Statistics Office of Georgia (GEOSTAT)

3. Position of the register unit in the organisation

> Business Register Subdivision under Business Statistics Division

4. Number of employees in the register unit (Headcount employees)

> 7 persons

5. Primary goal and use of the register

> Coverage of all entities (legal and phisical persons) registered in country and assigning of unique identification number for each entity

6. Year of establishment of the register

> 1995 year

7. Year(s) of the main re-engineeering(s) of the register

> 2006, 2012, 2015 years

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: approximately 160 000

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Improved quality of business register

Description of work (max 4-5 sentences)

> Working on quality of business register is one of main priority of Geostat. Therefore essential activities was carried out also in 2015 year regarding this issues: surveys, investigations, working with administrative data, active cooperation with administrative data providers, trainings etc.

2. Short title of work which was done

> Create Online Business Register

Description of work (max 4-5 sentences)

> Since December 2015, business register is available on Geostat's web-page online and is accesable for various users.

3. Short title of work which was done

> Changes in the Law on Official Statistics of Georgia

Description of work (max 4-5 sentences)

> Since 1 of June 2015, according to the law on Official Statistics of Georgia, legal entities registered in the register of entrepreneurial and non-commercial legal entities are obliged to provide Geostat, upon Geostat's written request, including such request in electronic form, with the available information (including confidential information) in paper or electronic form (hovewer before 1 of June 2015, enterprises were not obliged to cooperate with Geostat; It was voluntary process and that's why additional efforts needed to be undertaking from Geostat.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

> Active cooperation with administrative data providers and working on quality of administrative sources

Description of work (max 4-5 sentences)

> Main source for update of business register in Georgia is data received from administrative sources, namely from Revenue Service (Tax Office) and from National Agency of Public Registry (registration authority). Main problem is kind of economic activity and actual address, which are only indicated for limited number of enterprises. Also in some cases indicated kind of economic activities are incomplete and incorrect.

2. Short title of work planned

> Improve quality of business register based on administrative sources, surveys and investigations

Description of work (max 4-5 sentences)

> For improve quality of business register (especially information related actual adress and kind of activity), we are going to condact Computer-assisted telephone interviewing (CATI) on regular basis. Also we are going to use more and more administrative data sources for improve quality of business register, because high quality of statistical products in most cases can be received by combining administrative and survey data.

3. Short title of work planned

> Conduct specific surveys, investigations and develop business demography indicators

Description of work (max 4-5 sentences)

> We are going to conduct specific surveys and investigations, which will be focusing for identify relations between various legal and local units and establish enterprise groups in business register. Also we are going to improve business demography statistics and develop business demography indicators.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

> Quality of data and methodology

Description of the challenge

> Quality of administrative sources (especially kind of economic activity, actual address etc) is one of main challenge of Geostat. Based on information received from Revenue Service (Tax Office) Geostat has prepared methodology, which defines status of enterprise (enterprise is active or non-active), but it works not properly, due to the quality of administrative data.

2. Main challenge 2

> Not sufficient financial recourses

Description of the challenge

> Economic census has never been carried out in Georgia, because of not sufficient financial recourses.

3. Main challenge 3

Not enough experts working on business register

Description of the challenge

It is necessary to increase number of statistitions, who will work on maintenance of business register and improve its quality.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Germany**

Reporter:

> Roland Sturm

Institution:

> Federal Statistical Office Germany, Destatis

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Unternehmensregister-System Neu (URS-Neu)

2. Name of the organisation responsible for holding the register

> Federal Statistical Office of Germany and the 14 statistical offices of the Laender (federal states)

3. Position of the register unit in the organisation

> Federal Statistical Office of Germany - Division E1: Business Register, Classifications, Earnings, Cross Sector Business Statistics

4. Number of employees in the register unit (Headcount employees)

> approimately 200 in 15 statistical offices

5. Primary goal and use of the register

> Infrastructure for business statistics, data combination and for publishing structural and regional data about enterprises and their demography

6. Year of establishment of the register

> 1995

7. Year(s) of the main re-engineeering(s) of the register

> 2014

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: about 3.800.000

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> enlarged possibilities of data storage for domain statisticians in the Business Register

Description of work (max 4-5 sentences)

> The implementation of the new databank for the German statistical business register (URS-Neu) was successfully implemented mid of year 2014. In 2015 the new data base "URS Neu" has been expanded to allow the storage of additional variables of statistical surveys. This contains additional unit structures below legal and local units and for these units a set of additional variables.

2. Short title of work which was done

[ ]

Description of work (max 4-5 sentences)

[ ]

3. Short title of work which was done

[ ]

Description of work (max 4-5 sentences)

[ ]

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Implementation profiling of enterprises

Description of work (max 4-5 sentences)

In order to implement the EU definiton of the statistical unit "enterprise" the Statistical Offices in Germany set up procedures for the profiling of enterprises as new task of the German Statistical Business Register. A special working group of Business Register experts has been set up for this task.

2. Short title of work planned

enlarged functionalities for the maintenance of statistical enterprises

Description of work (max 4-5 sentences)

The new data base "URS Neu" is beeing expanded to allow the maintenance of the statistical unit "enterprise" according to the European definition.

3. Short title of work planned

From reference year 2018 on we intend to provide the final copy of the business register within year t+1.

Description of work (max 4-5 sentences)

To achieve the objective of timeliness we streamlined the work, put the focus on faster processing, made new data sources available and developed routines for their processing. After a transition period we plan to reach the goal in 2019 (reference year 2018).

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

[ ]

Description of the challenge

[ ]

2. Main challenge 2

[ ]

Description of the challenge

[ ]

3. Main challenge 3

[ ]

Description of the challenge

[ ]

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Hungary**

Reporter:

> Ms. Eszter Baranyabán

Institution:

> Hungarian Central Statistical Office

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Hungarian Business Register

2. Name of the organisation responsible for holding the register

> Hungarian Central Statistical Office

3. Position of the register unit in the organisation

> Business Statistic Department

4. Number of employees in the register unit (Headcount employees)

> 10

5. Primary goal and use of the register

> Creating framework for economic and social surveys.
> Providing statistical information on units and their demographics.

6. Year of establishment of the register

> 1978

7. Year(s) of the main re-engineeering(s) of the register

> 1998 (new IT architecture),
> 2001 (online 'One Window System' for incoming administrative data sources),
> 2011 (live Enterprise Group Register)

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units:1947122

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Creating and implementing the new „business register updating" survey

Description of work (max 4-5 sentences)

We had to find the right questions in order to get useful information from the companies on the linking between them. It was quite difficult to balance between the two intermingling of disciplines such as accuracy and reducing administrative burden. A clear and well-constructed guidance with examples were written to help the organizations understande better our information request. The time schedule of survey process were also prepared where we paid particular attention to the time need of SBS domains in data using.

2. Short title of work which was done

Implementation of "e-mail address for statistical purposes"

Description of work (max 4-5 sentences)

The aim of this project was to implement a special e-mail address for each company in BR called "e-mail address for statistical purposes". An online application tool on the official website of Hungarian Central Statistical Office was prepared, where companies' representatives could register and provide an e-mail address which they are obliged to use for receiving e-mails coming from our office. The application tool was directly connected with BR. We could store the e-mail addresses in BR with their sysdates and historical data, but the project has been postponed until the legal impediment of the procedure is not solved. The method of strong authentication of the legally responsible individuals of companies is in the process of formation.

3. Short title of work which was done

Impementation of new administrative data sources

Description of work (max 4-5 sentences)

We contacted the National Tax and Customs Administration of Hungary (NTCA) in order to get more information on organizations. We recognized that NTCA is also faced with the challenge caused by the globalization (detection of legal unit's linking). As the outcome of negotiations we receive data on organizations' shares in affiliated undertakings from NTCA. We made the system ready for receiving the related new file structure.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Delineation of Enterprises

Description of work (max 4-5 sentences)

Implementing Enterprise unit into BR is our main challenge. Describing the process model on how to create and maintain the new unit type is still under development. The data sources should be prioritized. The cases that need special attention (manual checking) should be unequivocal defined and the number of them should be kept to a minimum. Further decisions are also necessary on the proper handling of the non-additive variables of Enterprises.

2. Short title of work planned

Implementation of online connection between BR and Register of Addresses

Description of work (max 4-5 sentences)

The Register of Addresses is a basic system of the Hungarian Central Statistical Office to keep record of the most complete and actual Hungarian addresses in a standardized structure based on available data sources. Our plan is to make an online connection between BR and the Register of Addresses next year. Thanks to this project all of the BR addresses will be automatically checked and corrected (if needed) by an application which uses the database of the Register of Addresses.

3. Short title of work planned

Implementation of a "query" application tool into BR

Description of work (max 4-5 sentences)

BR is often used by colleagues to gain information in a special structure. The queries can be too complex and they need SQL knowledge. "Query" application tool will help users to make their own queries in an easy and automatic way without any SQL knowledge. The application should be designed to meet the needs of BR and users.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Delineation of Enterprises

Description of the challenge

The quality of methods used for emerging legal units into enterprises is a crucial factor. Elaborating methodological issues such as manual versus automatic methods, updating procedures.

2. Main challenge 2

Follow up user needs

Description of the challenge

External and internal users have different needs. BR team should understand these needs and translate them into IT specifications.

3. Main challenge 3

Harmonizing SBS and BD (based on BR) data

Description of the challenge

Screening manually the differences in case of those variables which are provided by both domains (BD, SBS). Looking behind the numbers and search for the causes which generate the differences.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Iceland**

Reporter:

> Bodvar Thorisson

Institution:

> Statistics Iceland

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register

2. Name of the organisation responsible for holding the register

> Statistics Iceland

3. Position of the register unit in the organisation

> Business Statistics

4. Number of employees in the register unit (Headcount employees)

> 4

5. Primary goal and use of the register

> Statistics

6. Year of establishment of the register

> 2013

7. Year(s) of the main re-engineeering(s) of the register

> 4

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: 41000

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> SBS data to Eurostat for the first time. STS data to Eurostat for the first time.

Description of work (max 4-5 sentences)

> Compilation of SBS and STS statistics delivered to Eurostat as well as publiced on our web.

2. Short title of work which was done

>

Description of work (max 4-5 sentences)

>

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Kind of activity / Local units bein added to the business register

Description of work (max 4-5 sentences)

2. Short title of work planned

Enterprises built and added to the business register (starting late 2016 and will end 2017)

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

To define clear and managable steps.

Description of the challenge

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> Indonesia

Reporter:

> Lien Suharni *, and Ratih Putri Pertiwi
> * SBR Team Coordinator

Institution:

> BPS - Statistics Indonesia

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register

2. Name of the organisation responsible for holding the register

> BPS - Statistics Indonesia

3. Position of the register unit in the organisation

> Directorate for the Development of Census and Survey Methodology (ad hoc unit)

4. Number of employees in the register unit (Headcount employees)

> 12 peoples (ad hoc employees)

5. Primary goal and use of the register

> Production of frames for economic surveys

6. Year of establishment of the register

> 2013

7. Year(s) of the main re-engineeering(s) of the register

> 2014-2018

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 5.798   Establishments: 1.054.950   Legal units:

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> SBR Initial Data Harmonization

Description of work (max 4-5 sentences)

> BPS is used to have several business directories maintained by survey areas as a baseline to produce survey frames. The maintenance of the business directories is used to be silo and independent based on industry. Since SBR expected to be centralized statistical infrastructure, one of challenges is to harmonize and integrate the business directories into SBR to be used efficiently for master frame of business surveys. The harmonization process include standardization in definition of the unit and coverage, classification that used, and also characteristics to record.

2. Short title of work which was done

SBR Profiling (Relating and Data Updating)

Description of work (max 4-5 sentences)

In 2014 SBR team involve temporary profiler team from 30 graduates of Institute of Statistics to do data exploration from top 100 private groups and state owned enterprises. To keep SBR data up to date in 2015, SBR team recruited and trained profiler from subject matter areas to do profiling and relating the units.

3. Short title of work which was done

SBR Data for Preparation of 2016 Economic Census (EC2016)

Description of work (max 4-5 sentences)

SBR team involved in the development of EC2016 form development, to make sure statistical unit and concept and SBR variables covered in EC2016. SBR data is also used to produce list frame and pre-filled form on EC2016. It is expected that EC2016 data result will complete and update SBR data. After EC2016, the data will keep maintained and updated in SBR continuously.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Indonesian Standard Concept Definition of Units Statistics.

Description of work (max 4-5 sentences)

For complete picture of units, there is a need to implement concept definition of units statistics based on SNA 2008 which consists of enterprise, establismen and their relationship. BPS still didn't write its concept definition of units statistics in standard way.

2. Short title of work planned

Preparation of 2016 Economic Census Result as New SBR data

Description of work (max 4-5 sentences)

The new SBR (SBR after 2016 EC) will be loaded with 2016 EC data as basis, then it will verified by SMAs whether 2016 EC data should replace previous SBR data or not. It may needs to go through matching process with the latest SMA directories if necessary.

3 Short title of work planned

Business Count Report

Description of work (max 4-5 sentences)

SBR need to populate the business units after EC2016. The EC2016 data will be compared with previous SBR data and SMA directories to get number of business to cover in SBR. It is important to understand the size and composition of the business in Indonesia for developing SBR data maintaining strategy.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Indonesian Standard Classification of Institutional Unit Development

Description of the challenge

For complete picture of units, there is a need to implement institutional sector based on SNA 2008 which consists of household, corporation, NPISH, government, and rest of the worlds. BPS still didn't write its classification for institutional units to code the data in standard way.

2. Main challenge 2

Transition Surveys to the SBR

Description of the challenge

Current condition that several business directories of establishments exist and maintained separately by various SMAs. Survey frames derived from these directories. The challenge is to transform the business directories updating & management from industrial basis to centralized (integrated) basis for eficiency, better quality and coordination. A standard procedure should be developed for transitioning a survey from its existing SMA directory to use of the SBR as the source of its survey frame.

3. Main challenge 3

Enhance SBR coverage

Description of the challenge

Implementation of institutional unit standard classification not only corporation but also household, government, and NPISH, compromise with national account standard (SNA 2008)

4. Main challenge 4

Selection and negotiate the access of administrative data for SBR updating

Description of the challenge

In Indonesia, business registration and permits spread across various ministries based on industry with it's own regulation in each ministries and there is no single unique business ID across ministries. Tax office is the potential administrative data but it rather difficult to negotiate the access of tax transaction data. It considered to develop interim option based on use of other administrative data should tax data be impossible to obtain in the short term.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Ireland**

Reporter:

> Patrick Kelleher

Institution:

> Central Statistics Office (CSO)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register

2. Name of the organisation responsible for holding the register

> Central Statistics Office (CSO)

3. Position of the register unit in the organisation

> Structural Business Statistics (SBS) & Business Register (BR)

4. Number of employees in the register unit (Headcount employees)

> 15

5. Primary goal and use of the register

> Maintenance and record of all enteprises within the state as well as providing a sampling frame for business surveys

6. Year of establishment of the register

> 1993

7. Year(s) of the main re-engineeering(s) of the register

> 1998, 2002, 2009

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	384,386	Legal units:	

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Coherence between SBS, BR and National Accounts.

Description of work (max 4-5 sentences)

> The CSO has undertaken a project to increase the coherence between SBS, BR and National Accounts. The project is due for completion in 2016 and will result in revised datasets being published in SBS and Business Demography by the end of 2016.

2. Short title of work which was done

Description of work (max 4-5 sentences)

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans
Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Specification of new IT system

Description of work (max 4-5 sentences)

Specification of new BR IT system to begin in the second half of 2016, project was delayed from previous years.

2. Short title of work planned

Review of BR working processes and calculation of metrics

Description of work (max 4-5 sentences)

All tasks by BR to be analysed

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges
Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

IT Resources

Description of the challenge

Previous plans to implement a new IT system delayed due to a lack of IT resources.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Israel**

Reporter:

> Lior Shilony-Zisman

Institution:

> ICBS - Israel Central Bureau of Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register

2. Name of the organisation responsible for holding the register

> Israel Central Bureau of Statistics

3. Position of the register unit in the organisation

> Established and managed by the Business-Economic department

4. Number of employees in the register unit (Headcount employees)

> 8

5. Primary goal and use of the register

> Classification of economic units, extracting sampling frames for business's surveys, producing and publishing Business Demography data

6. Year of establishment of the register

> 2003

7. Year(s) of the main re-engineeering(s) of the register

>

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	549,181	Legal units:	

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> New sector classification in the Business Register (Shift from SNA 1993 to SNA 2008)

Description of work (max 4-5 sentences)

> Creation of conversion table from the SNA1993 to SNA2008 and, building algorithm for automatic (new) sector classification and updating and maintaing enterprises sector classification.

2. Short title of work which was done

>

Description of work (max 4-5 sentences)

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Demographic data on enterprises owners (Business Demography by gender, nationality, etc)

Description of work (max 4-5 sentences)

Matching data on enterprise's owner in a specific year from the Business Register to the Population Registry in order to produce Business Demography data by gender, nationality, etc

2. Short title of work planned

Secondary classification of enterprise's economic activities

Description of work (max 4-5 sentences)

Using information on enterprise's economic activities collected on business's surveys to update and maintain units classification and to try and build a secondary classification database

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Local Units

Description of the challenge

Data on employers in the Business Register are obtaines from the National Insurance institute's administrative files. The files include employment units with aggregated data on the number of employee jobs, and may also include data on multi-disciplinary economic activitiy in terms of industries and in geographical terms. This is reflected in lange employers such as local authorities, banks, chain stores, postal and courier services, gas stations etc. This may create a problematic situation, in which all of the employee jobs in such enterprises are registered geographically at one address, which is the address listed at the National Insurance Institute, even when the employee jobs are actually scattered among branches of the business throughout the country

2. Main challenge 2

EG (Enterprise Group) - enterprise's ownership percentage

Description of the challenge

Because the administrative files used to update and maintain the Business Register (V.A.T, National Insurance institute, Income tax files) don't contain information on ownerships in terms type of ownership (domestic/foreign) and share (percentage), and we're using data from external sources that don't have information on all the enterprises in the Business Register or the data is not always current, we find it difficult to locate and define the EG.

3. Main challenge 3

V.A.T Partnerships (dealers union)

Description of the challenge

A partnership/dealers' union may include businesses from similar or different industries and because they report their revenue to VAT Aggregately in one reporting unit, we find it difficult sometimes to determine what is the classification of the V.A.T Partnership unit according to the main activity of the partners.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

Italy

Reporter:

Monica Consalvi

Institution:

The National Institute of Statistics (ISTAT)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Tha ASIA system (in Italian, Archivio Statistico delle Imprese Attive)

2. Name of the organisation responsible for holding the register

The National Institute of Statistics (ISTAT)

3. Position of the register unit in the organisation

Directorate for economic statistics

4. Number of employees in the register unit (Headcount employees)

30 (8 researchers, 22 clerical staff)

5. Primary goal and use of the register

A centralized frame for SBS/STS surveys and for grossing up survey results; the official statistical source for information on the structure and the demography of the business population

6. Year of establishment of the register

1996

7. Year(s) of the main re-engineeering(s) of the register

2006, 2012

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: about 4,9 million of active enterprises	Legal units: about 8,1 million

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Updating registers for supporting the continuous economic censuses

Description of work (max 4-5 sentences)

Istat is proceeding with the construction of the continuous economic censuses: for public institutions (PI), non-profit institutions (NPI) and Farms. The general approach is based on two main activities: i) set-up of statistical registers ii) launching of statistical surveys to validate the quality (completeness) of registers and provide new statistical information to be added to the one available from administrative sources. For PI and NPI the expected output is similar to that of conventional censuses, while for Agriculture the final output is the set-up of the Farm Register, with information regarding the structure of the units. For the business sector the BR has virtually completed the offering of information typical of a census, and is developing the construction of satellite registers to further enrich the disseminated information, increasingly integrating administrative and statistical sources.

2. Short title of work which was done

Unit identification and Employment assessment for Public Administration

Description of work (max 4-5 sentences)

Administrative data do not reflect the actual organization of the statistical units within the public administration. The main difficulties, that have been solved, relate to the identification of the "detection" and "analysis" units starting from the administrative units existing in the available admin sources. Furthermore a process of harmonization of classifications has been performed and the transformation in statistical patterns achieved. In addition, the updating of information on employment at the individual level succeeded, as done for businesses, with a LEED (Linked Employer-Employee Database) structure linking individuals to institutional units.

3. Short title of work which was done

Improving quality of the BR

Description of work (max 4-5 sentences)

Review of methodologies to classify units in order to improve coverage, in terms of legal form (market/non market) and economic activity performed. Some units belonging to particular riding activities between agriculture and manufacturing/trade has been classified using new administrative sources and new classification rules (e.g. agro-energy). Moreover method for allocation has been studied to fill gaps due to advance acquisition of administrative source. A review of the estimation methodology of some variables (turnover) by integrating administrative sources has been carried out. In addition new variables (e.g. the age of the enterprise) were disseminated to meet user requirements and a quality assessment on multinational units was performed (quality test of EGR-2013 respect to I/O FATS surveys using indicators developed under the ESSnet WP3)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Link Business Demography to data on Trade by Enterprise Characteristics (TEC)

Description of work (max 4-5 sentences)

Participation to the grant "Link business demography to data on trade by enterprise characteristics (TEC) for 12 month (2017), in order to continue the work started with the previous "Micro-data linking of structural business statistics and other business statistics" that covered reference years 2008-2013, to provide Eurostat with data for missing reference years 2014 and 2015.

2. Short title of work planned

Re-engineering of the Enterprise Group Register

Description of work (max 4-5 sentences)

Main goals of restructuring will be: a rationalization of a process which over the years has undergone several modifications and additions to requirements, not always easily implemented and easy to be included into the existing structure; the need to have temporally different situations in the same instant; the historicizing of the EG part of the BR informative system; to satisfy the national users' needs and at the same time those of Eurostat; to have a structure ready for the new concept of "Enterprise"; a greater integration with the existing registers in the BR system; a greater integration with EGR and especially with the new GSBPM process model being built for EGR 2. A quality analysis will be conducted on the change of timing using proper indicators.

3. Short title of work planned

Participation to Individual grants – Implementation of interoperable business registers

Description of work (max 4-5 sentences)

Complete the identification of foreign legal units stored in national statistical business registers; Initial profiling as country of global decision centre (GDC) and profiling partnering exercise on foreign groups (reference year 2015); Follow-up of profiling as country of GDC and profiling partnering exercise on foreign groups (reference year 2015); measuring the quality of input and output EGR data.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Reorganising the National Institute of Statistics

Description of the challenge

During 2016 Istat is facing a new plan for a completely revised organizational structure, under the new Business Architecture theories and with a look to the GSBPM. It will be based on a strong and structured governance and production lines modeled on registers, with two poles, statistic production and cross-cutting divisions. The NSIs of Northern Europe (where the use of statistical registers is more advanced) have been the primary point of reference. The outcome is an enhanced central role of the BR, nevertheless the risk is to have a long period of transition for arrangement which provide possible delays or difficulties to the statistical production

2. Main challenge 2

Implementation of the statistical unit in the BR in view of the compliance with SBS

Description of the challenge

A revised method for automatic profiling will be implemented, using a new approach to identify better ancillary units. Mapping DEG and TENs that could be treated automatically, the number of legal units and number of persons employed impacted by an automatic treatment will be determined (participation to Eurostat individual grant "Steps towards implementing the definition of statistical units for business statistics: Delineation of statistical units")

3. Main challenge 3

First steps towards the implementation of interoperable registers

Description of the challenge

The process will start with investigations to determine what is necessary for improving the existing SBR procedures and systems, in view of an integration of production and updating processes that can improve coherence and harmonization. Main preliminary goal of the following redesigning and rebuilding phase will be to ensure greater timeliness of outputs for internal and external (EGR) users. In future proper guidelines will be drawn to provide specifications to the IT staff for the implementation of ENT register (based on the implementation of profiled Groups) and for its integration in the IT system of registers

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **JAPAN**

Reporter:

> Takashi IOKA

Institution:

> Statistics Bureau, Ministry of Internal Affairs and Communications

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register in Japan (Formal name:Establishment Frame Database)

2. Name of the organisation responsible for holding the register

> Statistics Bureau, Ministry of Internal Affairs and Communications

3. Position of the register unit in the organisation

> Economic Structure Statistics Division, Statistical Survey Department

4. Number of employees in the register unit (Headcount employees)

> 12

5. Primary goal and use of the register

> To provide sampling frames to other ministries and agencies, local governments as well as incorporated administrative agencies, etc., and to reduce reporting burdens on respondents by avoiding excessive selection as survey samples.

6. Year of establishment of the register

> 2002

7. Year(s) of the main re-engineeering(s) of the register

> 2008, 2012

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: About 4.10 million enterprises as of July 1, 2014

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Updated the population for the Business Register by using the results of the Economic Census 2014

Description of work (max 4-5 sentences)

> We have updated the population for the Business Register by using the results of the Economic Census for Business Frame 2014, and started to provide the 2014 Frame of the Business Register in December 2015.

2. Short title of work which was done

Preparing for the 25th meeting of the Wiesbaden Group on Business Registers in Tokyo

Description of work (max 4-5 sentences)

We have prepared thoroughly for the Wiesbaden Group meeting in Tokyo. In the Steering Group of the Wiesbaden Group, we have discussed and decided the session themes, session leaders and so on for the Wiesbaden Group meeting in Tokyo.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Conducting the Economic Census for Business Activities 2016

Description of work (max 4-5 sentences)

We conducted the Economic Census for Business Activities in June 2016. Its results will be used as a basic data source for the Business Register.

2. Short title of work planned

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Restructuring the maintenance methods of the Business Register

Description of the challenge

We are planning to introduce a rolling survey, the profiling of enterprises and so on, as the maintenance methods of the Business Register.

2. Main challenge 2

Introducing a rolling survey

Description of the challenge

We are planning to introduce a rolling survey to grasp high quality information on the births and deaths of businesses on a more timely basis.

3. Main challenge 3

Producing small area statistics

Description of the challenge

We are planning to produce small area statistics about businesses.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

   Kosovo

Reporter:

   Muhamet KASTRATI

Institution:

   Kosovo Agency of Statistics (KAS)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

   Statistical Business Register

2. Name of the organisation responsible for holding the register

   Kosovo Agency of Statistics (KAS)

3. Position of the register unit in the organisation

   Department of Economic Statistics and National Accounts

4. Number of employees in the register unit (Headcount employees)

   2

5. Primary goal and use of the register

   The SBR is primarily used for sampling and grossing-up of survey results (SBS, STS, etc), production of business demography statistics and as input source for production of GDP.

6. Year of establishment of the register

   2004-2005

7. Year(s) of the main re-engineeering(s) of the register

   2008, 2015-2016

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 35,148	Legal units:36,849

II. Progress and Developments in the Past Year
   Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

   Built of new SBR database system for automatic updates of SBR

   Description of work (max 4-5 sentences)

   During the 2015 year we have built a new database for updating SBR both from administrative sources (Kosovo Business Registration Agency and Kosovo Tax Administration) as well as statistical sources (Business Register Survey, SBS and STS).

2. Short title of work which was done

Built of SBR Graphical User Interface (GUI)

Description of work (max 4-5 sentences)

The graphic user interface makes possible to browse the register for both legal and statistical units based on several search criteria and to perform update of the units. It includes special procedures to handle unfinished transactions during the automatic process and it is being used for both, for the use and maintenance of SBR. Further an Excel tool has been developed that can produce extracts and summaries of data from SBR that a most commonly asked for by the users.

3. Short title of work which was done

Improving data quality of SBR

Description of work (max 4-5 sentences)

Inclusion of Local Unit in SBR mainly based on administrative units (Legal Local Units)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Improve of data quality

Description of work (max 4-5 sentences)

KAS initiate a project to improve the activity codes in SBR for units that are used in the survey frames with special focus on large and complex units. It should be a goal that there is a set of activity codes that is used by and agreed by all business surveys and the National Account System.

2. Short title of work planned

Pilot project on Enterprise Group

Description of work (max 4-5 sentences)

The objective of this pilot project is to improve the national statistical business register, focusing on the registration of enterprise groups in the register.

3. Short title of work planned

Further improve of statistics produced and published

Description of work (max 4-5 sentences)

During this year (2016) we are also working on improving of statistcs produced (especially Business Demography) and also we are trying to use PX Web for publishing date on web.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Use of SBR for survey sampling

Description of the challenge

The main challenge we are facing is especially related to sampling design for business surveys due to the fact we don't have any software tools and resources for easy and fast sampling extraction, so we are drawing samples usually manualy so it is quite challenge for our team.

2. Main challenge 2

Limitation on human resources and budget

Description of the challenge

We are suffering from lack of staff and budget which is a big challenge in order to explore and further analyse complex enterprises (with respect to economic activity and other statistical indicators).

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

Latvia

Reporter:

Sarmite Prole

Institution:

Central Statistica Bureau of Latvia

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Statistical Business Register

2. Name of the organisation responsible for holding the register

Central Statistica Bureau of Latvia

3. Position of the register unit in the organisation

Business Statistic Department

4. Number of employees in the register unit (Headcount employees)

10

5. Primary goal and use of the register

Source of statistical units (legal unit, enterprise, local unit and enterprise group)
Source of business population for statistical surveys, business demography statistics and enterprise groups
Source for profiling large and complex enterprises

6. Year of establishment of the register

1992

7. Year(s) of the main re-engineeering(s) of the register

2007, 2009

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 174523	Legal units:174539

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Participation in Eurostat grant projects

Description of work (max 4-5 sentences)

Finished Eurostat grant projects "Improvement of national business registers and testing of European profiling" and "Delineation of statistical units and testing profiling". Tasks included identification of the foreign legal units stored in Statistical Business Register, testing the follow-up of profiling and the implication of profiling at national level and automatic delineation the population of enterprises.

2. Short title of work which was done

The use of administrative data sources in Statistical Business Register

Description of work (max 4-5 sentences)

Improved data update procedures and matching of statistical units.

3. Short title of work which was done

The work with enterprise groups and profiling

Description of work (max 4-5 sentences)

Revised automatic data update procedures on enetrprise groups and developed national methodology for maintenance of the foreign legal unit's population, described actualization plan and prepared data update timetable for providing comparable and accurate data.
Provided information exchange between EU and EFTA countries regarding multinational profiling activities.The goal was to test multinational profiling methodology and checked multinational profiling cases.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Development of Statistical Business Register

Description of work (max 4-5 sentences)

CSB of Latvia planning to revise Statistical Business Register functionality and develop new data update procedures.

2. Short title of work planned

Development and harmonization of the statistical data among different business statics domains

Description of work (max 4-5 sentences)

Carry our activities on improvement metholodology.

3. Short title of work planned

Profiling activities

Description of work (max 4-5 sentences)

To plan to continue work with large enterprise profiling.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Implementation of profiling of large enetrprises

Description of the challenge

Participation in a European profiling procedure and implementation at national level.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Country:

Republic of Macedonia

Reporter:

Liljana Vlajikj

Institution:

State Statistical Office

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Statistical Business Register (SBR)

2. Name of the organisation responsible for holding the register

State Statistical Office

3. Position of the register unit in the organisation

Department for Statistical Business Register and Structural Business Statistics is a part of Sector for Business Statistics, Agricultural Statistics and Statistics on Environment

4. Number of employees in the register unit (Headcount employees)

5

5. Primary goal and use of the register

Main goal of the SBR is to keep the record on statistical units on the basis of the EU regulation EC 177/2008 and providing good coverage of businesses with all necessary information that is needed to conduct surveys and to satisfy national statistical needs. SBR is used as a tool for the preparation and coordination of all business statistical surveys, with two exceptions, SBS survey which is based on administrative sources, and PPI survey for which the target observational unit is product, not business entity. SBR is also used as a source of information for the statistical analysis of the population of business entities and its demography and for the identification and construction of statistical units.

6. Year of establishment of the register

2007

7. Year(s) of the main re-engineeering(s) of the register

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 70 139	Legal units:

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Enterprise groups

Description of work (max 4-5 sentences)

The SSO is constantly in search of new ways in order to improve quality of the SBR data as well as constantly improves its cooperation with administrative sources in terms of SBR updating, especially updating of enterprise groups database. Thus, Enterprise groups database for reference year 2013 which has been created in 2015, was updated by using of new source of administrative data - Central Securities Depository. By updating of the enterprise groups database with the data received from the Central Securities Depository, the coverage and quality of the enterprise groups data were improved.

2. Short title of work which was done

Producing business demography data

Description of work (max 4-5 sentences)

Business demography data for active, birth and death enterprises for the reference years 2009, 2010, 2011 and 2012 (series 9A) have been prepared and for the first time have been sent to Eurostat

3. Short title of work which was done

Improvement of data on sector classification of institutional units

Description of work (max 4-5 sentences)

In close cooperation with National Account department newly born enterprises were determined and allocated by institutional sector code (new algorithms have been prepared)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Enterprise groups

Description of work (max 4-5 sentences)

Creation of database of multinational and all resident enterprise groups for 2014 will be done.
For improving the level of compliance of our BR with the Regulation (EC) No 177/2008 and recommended methodology, further development and improvement of the data quality and coverage of units in the Statistical Business Register, especially for enterprise groups, will be continued and will be the main task in the planned future activities (explore some new sources for updating of EGs).

2. Short title of work planned

SBR data quality and Quality Report

Description of work (max 4-5 sentences)

 - In order to improve the SBR data quality, continuous checking, updating and correcting of the SBR data will be performed, especially of activity codes and address data, with data collected through the regular statistical surveys.
 - Attention will be paid to the need for producing a new SBR Quality Report (2016 or 2017), because the last one was prepared within IPA 2007 project, with the expert from Statistical Office of the Republic of Slovenia, comparing 2011 SBR data with the other statistical surveys data. The QR should be prepared in order to show the quality of SBR data, comparing them with the other statistical surveys, and their coherence and consistence, and in order not only to provide users with explanation of the quality of the SBR data, but also to detect internal weaknesses of the data.

3. Short title of work planned

Producing business demography data

Description of work (max 4-5 sentences)

Further development and improvement of producing data related to Business Demography in accordance with the Annex IX of Structural Business Statistics (SBS) Regulation No.295/08) will be done (some missing data related to Business Demography will be provided and published).

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Further improvement of the coverage of enterprise groups and updating procedures

Description of the challenge

Since there is no register or single administrative source that would cover enterprise groups, delineation of enterprise groups is quite challenging task. It requires combining the information from several sources so further IT procedures are planned to be established which would process data from available sources and this will help to reduce to some extent manual updating.

2. Main challenge 2

Testing profiling methodology on 3 EGs in RM

Description of the challenge

The exercises (activities) planned within Business statistics-profiling project which is planned under the IPA 2014 Multi-beneficiary statistical cooperation programme (the SSO has submitted an application in 2015) are quite challenging tasks for the SBR team (to become familiar with the methodology of profiling, to learn how to start an analysis of the financial and organisational relationships between legal units through a "profiling" approach in order to build real enterprises, especially to test profiling methodology on 3 EGs which has the UCI in Macedonia (performing studies for intensive profiling by visiting one selected multinational enterprise group and conducting desk studies for the two selected enterprise groups of light profiling).

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

Malaysia

Reporter:

Siti Haslinda Mohd Din

Institution:

Department of Statistics, Malaysia

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Malaysia Statistical Business Register (MSBR)

2. Name of the organisation responsible for holding the register

Department of Statistics, Malaysia

3. Position of the register unit in the organisation

Methodology and Research Division

4. Number of employees in the register unit (Headcount employees)

17

5. Primary goal and use of the register

To maintain the comprehensive list of businesses and companies operating in Malaysia and establish a common framework in the creation of harmonized registers for statistical purposes. It also serves as a tool in the preparation and coordination of surveys as well as a source of information for statistical analysis of business population and demographics

6. Year of establishment of the register

1993

7. Year(s) of the main re-engineeering(s) of the register

2010

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 1,137,156	Establishment: 1,141,350

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Updating MSBR for Economic Census 2016

Description of work (max 4-5 sentences)

The updating process are based on:
1) Regular survey conducted by the Department
2) MSBR Quality Improvement Surveys
3) Administrative data from Employees Provident Fund, Inland Revenue Board, Customs (Malaysia GST) etc.

2. Short title of work which was done

Business Profiling

Description of work (max 4-5 sentences)

The profiling updating function has been developed in MSBR and the updating process is being carried out by the staff.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Trade by Enterprise Characteristics (TEC)

Description of work (max 4-5 sentences)

Integrating MSBR with trade database to describe the characteristics of the businesses that engaged in international market. Traditional trade statistics record the types of goods that are trading across borders between countries but do not describe the characteristics of the businesses that are behind of these trade flows.The linkage of trade statistics with business registers allows us to describe those who are engaged in global market, and what are their characteristics.

2. Short title of work planned

Business Demography Statictics

Description of work (max 4-5 sentences)

The aim is to present the demography statistics on the active population of enterprises, the birth, survival and death. In order to produce the statistics, the key variable that are needed to be incorporated in MSBR is 'incorporation date' of the enterprises. The department is in the process of getting the data on enterprises' 'incorporated date' from Companies Commission of Malaysia. At present, only 22 percent of establishments equipped with the information in MSBR

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

TEC Project : The quality of unique identifier

Description of the challenge

The unique identifier in TEC project is business registration number (available in MSBR and trade database). However, the poor quality of business registration number in trade database has contributed to the unmatched data. Thus, it might lead to inaccurate of TEC statistics.

2. Main challenge 2

Administrative data: Unique ID from various agencies

Description of the challenge

Business registration number is unique ID in MSBR. The enterprise lists from other sources/ agencies are matched by using this ID to update MSBR. In some cases, the business registration number is not available from certain sources/ agencies. Thus, the updating process will take longer time.

3. Main challenge 3

Description of the challenge

<table>
<tr><td>Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames</td></tr>
<tr><td>Country progress report 2015 and future plans</td></tr>
</table>

Country:

Mexico

Reporter:

Susana Perez Cadena / Hugo Hernandez Ramos

Institution:

National Institute of Statistics and Geography

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Statistical Business Register of Mexico (RENEM, its acronym in Spanish)

2. Name of the organisation responsible for holding the register

National Institute of Statistics and Geography

3. Position of the register unit in the organisation

General Direction of Economic Statistics

4. Number of employees in the register unit (Headcount employees)

50

5. Primary goal and use of the register

To be a unique relational database that contains updated structural information on all the establishments in the country, including identification, location and some economic variables in order to be the basis for all the economic statistics production of INEGI. The proposal uses for RENEM are: - Provide directories and sampling frames on economic units. - Following up on each of the economic units, keeping a historical record of their detected changes to facilitate the development of longitudinal and demographic studies. - Being a link between the various internal and external sources of information to facilitate the interchange of information and increase the potential of generating economic statistics.

6. Year of establishment of the register

2010

7. Year(s) of the main re-engineeering(s) of the register

2014

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 4,824,733	Legal units:

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Updating of the RENEM

Description of work (max 4-5 sentences)

Updating of the RENEM through administrative registers provided by the Federal Electricity Commission (CFE, its acronym in Spanish) and the Tax Administration Service (SAT, its acronym in Spanish) and also with internal survey data.

2. Short title of work which was done

Construction of anticipating indicators combining data from internal and external sources.

Description of work (max 4-5 sentences)

The Electric Power Consumption Index (ICEE, its acronym in Spanish) was built with the electricity consumption data provided by the CFE. A regression model was built in order to estimate the Monthly Indicator of the Industrial Activity (IMAI, its acronym in Spanish) with anticipation for the manufacturing sector, published by INEGI. IMAI's anticipated estimation is obtained eleven days after the reference month ends and thirty days before IMAI´s publication. INEGI shares the estimation results with some government decision-makers with the purpose of supporting the knowledge on the evolution of the manufacturing sector.

3. Short title of work which was done

Provide information for sampling frames and the National Statistical Directory of Economic Units (DENUE).

Description of work (max 4-5 sentences)

The updated RENEM provided information for the latest version of DENUE, published by INEGI in late 2015. It was also used to provide a frozen frame for the economic surveys conducted by INEGI.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Updating the most important enterprises contained in the RENEM.

Description of work (max 4-5 sentences)

Updating will be done on-site, visiting the parent enterprise to verify the directory of its establishments (if any), updating their locations, detecting the births and deaths, obtaining data of persons employed and their incomes.

2. Short title of work planned

Conduct research to continue the profiling of enterprises

Description of work (max 4-5 sentences)

Research on-site to find out some operational characteristics of the enterprises: franchises, existence of other legal names inside the facilities, name of the holding and outsourcing companies (if any).

3. Short title of work planned

Obtain a frozen frame for economic surveys and provide updated information for the new version of DENUE

Description of work (max 4-5 sentences)

DENUE's 2016 version will be published through RENEM's updated information, in late October 2016. Frozen frames will be obtained with RENEM's updated information for the surveys that INEGI will conduct in 2017.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Continue the standardization and linkage among the RENEM and the administrative registers.

Description of the challenge

Continue working closely with the external sources under the context of the DENUE's Specialized Technical Committee to standardize the conceptual and informatics definitions to facilitate information interchange. Link the highest number of RENEM's registers with administrative registers assigning a unique identifier (CLEE) to be used by all the sources.

2. Main challenge 2

Consolidating the RENEM.

Description of the challenge

To keep the RENEM updated not only with administrative registers from CFE and SAT but also with other administrative registers, information directly from the municipalities and conducting research in newspapers, specialized magazines, cameras, associations and other sources.

3. Main challenge 3

To exploit the RENEM's potentiality for statistical purposes.

Description of the challenge

Produce new or timelier economic statistical information combining data from internal and external sources, using the CLEE as the key to link a single business in two or more different sources. Obtain statistical information from RENEM itself.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Montenegro**

Reporter:

> Marijana Popovic Roncevic, MSc.

Institution:

> Statistical Office of Montenegro

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register

2. Name of the organisation responsible for holding the register

> Statistical Office of Montenegro

3. Position of the register unit in the organisation

> Head of organizational unit for statistical registers and classifications

4. Number of employees in the register unit (Headcount employees)

> 4

5. Primary goal and use of the register

> Primary goal o the our statistical bussines register is to be a frame for all statistical surveys.

6. Year of establishment of the register

> 2007

7. Year(s) of the main re-engineeering(s) of the register

> 2011

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 25 955	Legal units: 48 067

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Methodological improvements

Description of work (max 4-5 sentences)

> In the past year we redesigned our questionnaire for BR survey.We add some important variables about Enterprise Groups. We also recognized some new sources for data about them. We take consolidated accounts from Tax Administration.Also, we started to use data from Central Bank.We had for a first time special BR survey for enterprises which belong some Enterprise Groups and on that way we collected some very important data about enterprise group. We created BR User Group.

2. Short title of work which was done

Profiling

Description of work (max 4-5 sentences)

We prepared everything what we need for process of profiling of large and complex enterprises. In the past year we were together with EU expert in the phase of reading and understanding of profiling methodology. We prepared ourselves for desk profiling. We plan to make a letter with explanations for complex enterprise which we will chose for profiling. We were in one our very comlex enterprise "Plantaze " which has many different activities. This visit was very useful for us and we choose very good example.

3. Short title of work which was done

Infrastructure improvements

Description of work (max 4-5 sentences)

We prepared our BR aplication in a new tools. We had help from IT expert outside. Also, we changed some stability rules in our system. In new application our colleagues has possibilities to take a sample frame from business register for their own purposes.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Profiling

Description of work (max 4-5 sentences)

We prepared letters and send them to the complex enterprises which we choose for process of profiling. We prepared ourselves for desk profiling and finished with a first company.

2. Short title of work planned

Enterprise Groups

Description of work (max 4-5 sentences)

It is planned to improve the implemented version of a register on enterprise groups.Currently, a first version of a register on national (and multinational) enterprise groups, acc. to the European Regulation on business registers, is implemented. It uses data from different national administrative sources as well as information from enterprises.

3. Short title of work planned

Small and medium enterprises

Description of work (max 4-5 sentences)

We plan to do more analysis about class of small and medium enterprises because we have so many requests for this data.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Profiling

Description of the challenge

We plan to do profiling of more companies and to produce a profiling reports for that companies. We also plan to have this report on the application.

2. Main challenge 2

Work on Business demography

Description of the challenge

We will continue with collection data for BD, even though we are not satisfied with quality of data from administrative sources. We need to produce more business demography variables.

3. Main challenge 3

Further improvement of the coverage of enterprise groups and updating procedures

Description of the challenge

Since there is no register or single administrative source that would cover enterprise groups, delineation of enterprise groups is quite challenging task. It requires combining the information from several sources so further IT procedures are planned to be established which would process data from available sources and this will help to reduce to some extent manual updating.

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames
Country progress report 2015 and future plans

Country:

Morocco

Reporter:

RAHALI JILALI

Institution:

HIGH COMMISSION OF PLANNING

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

STATISTICAL BUSINESS REGISTER

2. Name of the organisation responsible for holding the register

ECONOMIC CENSUS AND BUSINESS SURVEYS DIVISION

3. Position of the register unit in the organisation

ECONOMIC CENSUS ANS BUSINESS STATISTICAL REGISTER SERVICE

4. Number of employees in the register unit (Headcount employees)

5

5. Primary goal and use of the register

FRAME FOR BUSINESS SURVEYS

6. Year of establishment of the register

2001/2002

7. Year(s) of the main re-engineeering(s) of the register

2015

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 150.000	Legal units: Enterprise

II. Progress and Developments in the Past Year
   Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

MATCHING MANY ADMINISTRATIVE SOURCES

Description of work (max 4-5 sentences)

In Morocco, there are 4 administrative data sources on enterprises: 1. Tax source; 2. Social source 3. Central Trade Register 4. Statistical business register

2. Short title of work which was done

Matching the social source with central trade register and statistical business register in order to built the frame for national structural surveys 2015

Description of work (max 4-5 sentences)

Currently, the operation of matching the two other administrative sources available at the HCP is done from the Trade Register Identifier awaiting the generalization of Enterprise Common Identifier (ICE) which will be obligatory for all firms from 1 July 2016, and that will be the key to matching administrative files.

3. Short title of work which was done

HCP is a member of the technical committee of ICE

Description of work (max 4-5 sentences)

Attend in many meetings of the technical committee of ICE to discuss the reliability of field of activity in different administrative data sources

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Complete the generalization of the use of ICE in all administrative sources

Description of work (max 4-5 sentences)

Once the ICE is used in all administrative sources, the matching will be easy and the reliability of all information about companies including the activity code will be provided

2. Short title of work planned

Effective development of the national statistical business register with ICE as key

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Generalization of ICE in all administrative sources as the common key

Description of the challenge

The great challenge which we are faced is to achieve the success of the generalization of ICE in all administrative sources and then make reliable all information on enterprises.

2. Main challenge 2

Updating in real time the national statistical business register

Description of the challenge

The second challenge is updating in real time the national statistical business register

3. Main challenge 3

Description of the challenge

Country:

> **The Netherlands**

Reporter:

> Rico Konen (statistical researcher)

Institution:

> Statistics Netherlands

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Algemeen Bedrijven Register (General Business register)

2. Name of the organisation responsible for holding the register

> Statistics Netherlands

3. Position of the register unit in the organisation

> Department of Registers within the Division of "Economic and business statistics and national accounts"

4. Number of employees in the register unit

> 42 (excluding 4 very large enterprise group's profilers in Business Statistics department)

5. Primary goal and use of the register

> To serve as sample frame for all economic statistics surveys and to serve as tool for linkage with administrative files with data that is to be used in compiling business statistics.

6. Year of establishment of the register

> 1974

7. Year(s) of the main re-engineeering(s) of the register

> 1992, 2006, 2009, 2014

8. Number of active units in the register at the end of 2015

> 1.530.239 Enterprises (2015-12)

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Data infrastructure

Description of work (max 4-5 sentences)

A new data infrastructure should decouple data sources and the services used in statistical production processes by its 'consumers', with the aim to reduce the complexity in IT-systems for statistical production processes. Besides it should support the linkage between all kinds of datasources independent of their format. SN adapted a new data architecture, which consists of different types of layers: 'Consumer Layer', 'Data Provisioning layer', 'Data Integration Layer', 'Data Aquisition Layer', 'Data Source Layer'. The Dutch BR-department participated in the development of this environment in order to dissiminate SBR-information on statistical units and linked administrative sources to its users.

2. Short title of work which was done

Data Quality Management

Description of work (max 4-5 sentences)

Past year SN investigated the needs and requirements the Dutch BR should fulfill according to new developments regarding FRIBS (e.g. based on cross-border relationships), the ESA2010 and improve the coverage in the Dutch BR-system to obtain more coherence in statistics. This resulted in an action plan to implement improvements to support Employment-, FATS-, Govermental-, macro economic statistics for National Accounts and functional statistics. Besides the provision of cross-border relations to the EGR is secured. The Dutch National Bank has participated in this project to improve statistics of the Financial sector by matching statistical units and the secundary data from DNB. The action-plan is suppposed to be implemented this year (2016/2017).

3. Short title of work which was done

Participation Eurostat / ECB

Description of work (max 4-5 sentences)

The BR-department of SN participated in the ESBRs VIP Project. SN was Workpackage leader of WP2 about interoperability, and an active participant in WP1 about the architecture and in WP3 about International profiling and the EGR. An important milestone was the realization of EGR 2.0 in 2015. Furthermore the BR-department cooperates with the nationale bank in the project 'Anacredit' initiated by the ECB.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Strategic agenda

Description of work (max 4-5 sentences)

In 2015, SN published its 'strategic agenda' (http://www.cbs.nl/NR/rdonlyres/1F24BFB3-D915-4664-91A4-DAF541A4D1F0/0/strategischeagendaen.pdf). Innovation, phenomenon oriented, state-of-the-art data infrastructure, quality and efficiency are key values of this vision document. This document represents also the strategic vision of SN which is important and leading for the BR-department for the developments of the SBR (incl. linked data) in the coming years to strengthen the backbone- and coordinating role of the Dutch BR.

2. Short title of work planned

Data Lake

Description of work (max 4-5 sentences)

"Data Lake" is a concept for searching, processing and publishing statistical information based on metadata. Microdata is only 'virtually' available in the "Data Lake". The aim of a "Data Lake" is not only a concept to uncouple input-, throughput- and output processes, but also supports accessibility of data sources for statistical purposes without understanding of complex methodology or being a IT-expert. The SBR is the backbone of many statistical production systems. Therefore the BR-department will be a partner in the developments and will take an important role in the implementation of this concept.

3. Short title of work planned

Eurostat

Description of work (max 4-5 sentences)

SN participates in the EU-project to publish indicators on "Family Businesses". The BR-department is involved by developing a methodology to use information from several administrative sources to detect and to link this characteristic to a statistical unit in the SBR.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Modernisation of Statistical Production Processes

Description of the challenge

SN is exploring new techniques like web-scraping or "big data" sources to optimize the datacollection for statistical purposes. The usability of these sources for statistical purposes is a challenge for SN.

2. Main challenge 2

Phenomenon oriented

Description of the challenge

It will be a challenge for SN to provide demand and hypothesis-oriented statistics. The concept of "Data Lake" in combination with the new data infrastructure should be supporting this topic of the strategic agenda.

3. Main challenge 3

Organisation

Description of the challenge

SN is supposed to be an innovative organisation in a dynamic environment where the availabity of information is increasing exponential and where the budget to produce statistics will decline and the competition in the field of statistics will grow. It's a challenge for SN in general to transform from a governmental body into a dynamic organisation that can compete.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **New Zealand**

Reporter:

> Ofa Ketuu

Institution:

> Statistics New Zealand

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistics New Zealand Business Register

2. Name of the organisation responsible for holding the register

> Statistics New Zealand

3. Position of the register unit in the organisation

> Business Register Team; Data Operation Branch; Operations Group; Statistics New Zealand

4. Number of employees in the register unit (Headcount employees)

> 10 (including team leader)

5. Primary goal and use of the register

> Provides a reference population for business surveys run by Statistics NZ and other NZ government agencies producing Tier 1 statistics (statistics of national importance) and is the source for the production of annual business demography statistics.

6. Year of establishment of the register

> 1996 for the Business Frame and move to Business Register in 2014

7. Year(s) of the main re-engineeering(s) of the register

> 2012-2014

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> **Enterprises: 502,170**

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Business survey population/sample being drawn direct from the Business Register

Description of work (max 4-5 sentences)

> One of the main economic surveys, Agriculture Production Survey, was able to draw its sample from the Business Register and not the Business Frame. This was a major achievement.

2. Short title of work which was done

Process improvement - Bulk upload

Description of work (max 4-5 sentences)

Analysts have been working on streamlining the bulk upload process. It is now taking less time to run the process over the data.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Turn off the legacy system - Business Frame (BF) System

Description of work (max 4-5 sentences)

A team of three staff are working on a road map to turn off BF. There is a lot of existing/legacy systems that still dependent on BF for its operations. As a first step, the team are documenting all the existing systems that are dependent on BF.

2. Short title of work planned

BR Quality Review

Description of work (max 4-5 sentences)

Now that we have moved to BR for two years it is time to review the quality of the data as processed in the new system. This works is led by one of the analyst and a draft paper has been prepared.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

BR System instability

Description of the challenge

One of the biggest challenge working on the BR System is being unstable. Frequently staff lose their work as the system will not save them properly. Sometimes, the information are lost totally and staff have to repeat the process for the same units. This takes a lot of staff time and sometimes create error in the data.

2. Main challenge 2

BR System lack of daily support

Description of the challenge

Resource to support the system is quite limited/nil. As such staff continues to find work arounds as way of addressing system issues. Sometimes these work arounds are not the most efficient but it's the only option available to the staff. This resulted in system inefficiencies.

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Norway**

Reporter:

> Division for business surveys and populations

Institution:

> Statistics Norway

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> The Central Register of Enterprises and establishments (CRE)

2. Name of the organisation responsible for holding the register

> Statistics Norway (SN)

3. Position of the register unit in the organisation

> Division for business surveys and populations, departement of data collection and methods

4. Number of employees in the register unit (Headcount employees)

> 4+10

5. Primary goal and use of the register

> The register should have full coverage, high quality and represent a common population inside SN. It should also be documented. It should contain the units that are defined in the EU regulation on Business registers, and the classifying variable necessary to define the relevant statistical populations. It should contain information on enterprise groups and globalisation. It is important that it can be integrated with administrative registers.

6. Year of establishment of the register

> 1965

7. Year(s) of the main re-engineeering(s) of the register

> 1995 (The Central Coordinating Registers og Legal entities was established)

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Legal units: 710 144

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Started the work of implementing the statistical units enterprise and kind of activity unit in CRE

Description of work (max 4-5 sentences)

> The general objective is to make necessary steps to come closer to fully implementing Commision Regulation 696/93.
>
> As a result of the action, the enterprises which can be treated automatically will be introduced in the register in 2016. Statistics Norway will also be developing procedures for the recognition of kind of activity units. The source of the enterprise groups is the National Enterprise Group Register (NEGR). The NEGR is an integrated part of the NBR and contains all domestic enterprise groups, as well as national parts of global enterprise groups.

2. Short title of work which was done

Extra attention to ancilliary activities

Description of work (max 4-5 sentences)

> A working group has made sure we are operationg under the right rules for identifiying ancillliary activities in CRE. To ensure that these units are identified and updated in a systematic manner, a team for ancilliary activities has been established.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Fylly Implemation of enterprise and KAUs in CRE.

Description of work (max 4-5 sentences)

2. Short title of work planned

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

New statistical units

Description of the challenge

2. Main challenge 2

Identifiying and updating of ancilliary units

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Oman**

Reporter:

> Khalid Said Al mudhaffar

Institution:

> National Centre for Statistics and Information

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register

2. Name of the organisation responsible for holding the register

> National Centre for Statistics and Information

3. Position of the register unit in the organisation

> Economic Survey Department

4. Number of employees in the register unit (Headcount employees)

> 2

5. Primary goal and use of the register

> update and maintain the business frame

6. Year of establishment of the register

> 2003

7. Year(s) of the main re-engineeering(s) of the register

> 2015

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: around 171500

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Prepare the national classification of all economic activities

Description of work (max 4-5 sentences)

> Task force has been established to prepare the national classification for all economic activities and it will be the base of the unit classification in all government entities

2. Short title of work which was done

determined the non active establishment in the business register

Description of work (max 4-5 sentences)

we cooperation with the data sources we start determining the non active establishment and remove it from the register

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

adoption of the national classification of economic activities

Description of work (max 4-5 sentences)

All the government entities will adopt the national classification for all economic activities

2. Short title of work planned

Establishment Census

Description of work (max 4-5 sentences)

NCSI is Planning to coduct Establishment Census based on Administrative Records in 2018 and now we are in the preparation stage

3. Short title of work planned

updating the frame in monthely bases

Description of work (max 4-5 sentences)

we are planning to update the frame in a monthly bases rather than quarterly bases

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

high rate of birth and death of establishments

Description of the challenge

the business register in Oman is over estimate because of the high rate of new open establishements   and many of the closed establishement does not report

2. Main challenge 2

Dilay of updating the data

Description of the challenge

the business register update in quartarly bases after two months from the end of the quarter

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **POLAND**

Reporter:

> JULITA SWIETOCHOWSKA

Institution:

> CENTRAL STATISTICAL OFFICE OF POLAND

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> STATISTICAL BUSINESS REGISTER - SBR

2. Name of the organisation responsible for holding the register

> CSO OF POLAND

3. Position of the register unit in the organisation

> METHODOLOGY, STANDARDS & REGISTERS DEPARTMENT

4. Number of employees in the register unit (Headcount employees)

> 14

5. Primary goal and use of the register

> SAMPLING FRAME FOR STATISTICAL SURVEYS

6. Year of establishment of the register

> 2001

7. Year(s) of the main re-engineeering(s) of the register

> 02, 04, 07, 09, 10, 11, 13, 14

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: 3 135 493

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Improvement of the SBR quality.

Description of work (max 4-5 sentences)

> On-line connection between administrative records of the National Court Register and National Official Business Register has been created. Thanks to this, updated data are faster available for updating SBR. Increasing of frequency of data from the National Security System delivered to SBR.

2. Short title of work which was done

Developing of SBR

Description of work (max 4-5 sentences)

Development of algorithms for automatic determination of ownership sector of units registered in the National Court Register. Introducing to SBR new classification of legal form and elaborating the rules for updating for SBR.

3. Short title of work which was done

Adaptation of the SBR for the European Union requirements.

Description of work (max 4-5 sentences)

Implementation of an unique identifier (LEID) for multinational enterprise groups and units included in their composition.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Adaptation of the SBR for the European requirements.

Description of work (max 4-5 sentences)

Maintenance of an unique identifier (LEID) for multinational enterprise groups and legal units included in their composition. Initial european profiling of multinational enterprise groups.

2. Short title of work planned

Developing of SBR

Description of work (max 4-5 sentences)

Delineation of enterprises from enterprise groups. Initial national profiling. Elaborating manual and automatic methods.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Implementation of the statistical units to the register.

Description of the challenge

Elaborating the methods and rules for maintaining and updating enterprises in SBR.

2. Main challenge 2

Profiling of enterprise groups.

Description of the challenge

Follow up european profiling and continuation of national profiling.

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Portugal**

Reporter:

> Isabel Farinha

Institution:

> Statistics Portugal

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business Register (Ficheiro de Unidades Estatísticas)

2. Name of the organisation responsible for holding the register

> Information Infrastructure Unit

3. Position of the register unit in the organisation

> Methodology and Information Systems Department

4. Number of employees in the register unit (Headcount employees)

> 8 people

5. Primary goal and use of the register

> Support data collection system and management sytem of population and samples- population frame. Classifying economic units according NACE Classification and share it for statistical and legal purpose ,with all entities in the Nacional statistical System.

6. Year of establishment of the register

> 1988

7. Year(s) of the main re-engineeering(s) of the register

> 1999,2008,2013,2014

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 1594890	Legal units: 1594890

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> re-engineering of the business register

Description of work (max 4-5 sentences)

> The statistical business register was updated in order to ensure the geographical location code for all local units whose corresponding address links are in the buildings database. The consumer price indices (CPI) sample, integrated with BR, was used as a test to the BR georeferencing process.

2. Short title of work which was done

Statistical Unit Enterprise

Description of work (max 4-5 sentences)

Start to study the implementation of the statistical unit Enterprise into NBR

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Statistical Unit Enterprise

Description of work (max 4-5 sentences)

Implementing the statistical unit enterprise regarding the compliance of Reg (CEE) nº 696/93 and define the rules toward delineation of enterprise based on enterprise group

2. Short title of work planned

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Profilling

Description of the challenge

Implement the profile activities on enterprises groups in order to carry on delineate statistical unit enterprise

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Russian Federation**

Reporter:

> Irina Karaseva

Institution:

> Federal State Statistics Service (Rosstat)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical register

2. Name of the organisation responsible for holding the register

> Federal State Statistics Service

3. Position of the register unit in the organisation

> Department for Statistical Surveys and Monitoring

4. Number of employees in the register unit (Headcount employees)

> 10

5. Primary goal and use of the register

> conduction of statistical surveys, construction of sampling frames

6. Year of establishment of the register

> 1992

7. Year(s) of the main re-engineeering(s) of the register

> 1997, 2016

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	Legal units: 4 mln.

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Introduction of conceptual directions of the statistical register's methodology development and ways of its application in the Russian statistics.

Description of work (max 4-5 sentences)

> In cooperation with international experts the strategy for the statistical register development was worked out. The strategy aims to address issues of Rosstat register's compliance with international standards. This includes accounting for various types of survey units, application of the economic activities classification, control of information flows for the register, construction of a centralized model of the statistical register and others.

2. Short title of work which was done

Formation of a unified, centralized database of statistical register's data.

Description of work (max 4-5 sentences)

Development of a software for the statistical register's database, which aims at implementing a centralized management model of keeping and applying the register in Rosstat.

3. Short title of work which was done

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

The unification of the statistical register for economic activities' classification, harmonized with the official version in Russian, and the Statistical Classification of Economic Activities in the European Community (NACE Rev.2)

Description of work (max 4-5 sentences)

Recoding the activities' survey units into the classification, harmonized with NACE Rev.2.

2. Short title of work planned

Improving the information quality of the statistical register.

Description of work (max 4-5 sentences)

Expansion of the quality control procedures with respect to the statistical register.

3. Short title of work planned

Providing remote access to the statistical register data for ministries, agencies, the Central Bank

Description of work (max 4-5 sentences)

Development of technical solutions for remote access to the statistical registers' database of the external users.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

The need to implement additional mechanisms of control, accounting and identification of survey units.

Description of the challenge

Data on enterprises, derived from administrative sources, are not always of high quality. Invalid information does not allow to uniquely and accurately identify the company.

2. Main challenge 2

Centralization of information flows for updating the statistical register has revealed a number of problems in their ordering and priority.

Description of the challenge

In some cases, there is a duplication of information on survey units, included in statistical register by different regional offices of Rosstat.

3. Main challenge 3

Necessity to improve the methodology for identification of institutional sectors of the economy, in particular, the sectors of public administration and financial corporations.

Description of the challenge

In some cases, insufficiency of data sources hampers identification of institutional units of the economy.

Country:

> **Republic of Serbia**

Reporter:

> Miodrag Cerovina

Institution:

> Statistical Office of the Republic of Serbia

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Group for conceptual and methodological development and maintenance of statistical business register

2. Name of the organisation responsible for holding the register

> Statistical Office of the Republic of Serbia

3. Position of the register unit in the organisation

> Part of Data Integration Department, Sector for Development and Information

4. Number of employees in the register unit (Headcount employees)

> 4

5. Primary goal and use of the register

> Used in order to be a mainframe for all business surveys
> Aim is to be more incorporated in business (and other) surveys in order to provide feedback information on statistical units. To motivate all statistics to use standardized units according to EU regulation

6. Year of establishment of the register

> 2005

7. Year(s) of the main re-engineering(s) of the register

> 2010

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 400411	Legal units:420898

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Work on standardized use of statistical units in Serbian statistical system

Description of work (max 4-5 sentences)

> Internal working group established with task to prepare implementation of Regulation 696/93 standards in statistical system.

2. Short title of work which was done

SBR survey on local units is conducted

Description of work (max 4-5 sentences)

Population of large and medium sized Enterprises was investigated (response rate 98%)

3. Short title of work which was done

Producing statistics on Enterprises groups, reference year 2013

Description of work (max 4-5 sentences)

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Further work on implementation Regulation 696/93 standards

Description of work (max 4-5 sentences)

Preparation of Implementation plan, adjusting methodologies of different surveys in terms of statistical units, assigning internal ID for statistical units in address lists.

2. Short title of work planned

SBR as a frame for employment statistics

Description of work (max 4-5 sentences)

First time ever SBR will prepare territorial and activity code structure for administrative data on employment.

3. Short title of work planned

Introduction of top-down method

Description of work (max 4-5 sentences)

Top-down method for determination of activity code will be calculated by using data on employees (to update SBR current version) and by using data on value added (to update SBR frozen frame).

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

SBR is not unique base (frame) for all business surveys

Description of the challenge

Some surveys use SBR as consultative database only and still rely on their own address lists

2. Main challenge 2

Slow process of unit standardization

Description of the challenge

Not all surveys are aware of necessity of using standardized statistical units

3. Main challenge 3

Lack of SBR experts

Description of the challenge

Retirement of two experienced SBR experts

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **SLOVENIA**

Reporter:

>

Institution:

> STATISTICAL OFICE OF THE REPUBLIC OF SLOVENIA

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> STATISTICAL BUSINESS REGISTER

2. Name of the organisation responsible for holding the register

> STATISTICAL OFICE OF THE REPUBLIC OF SLOVENIA

3. Position of the register unit in the organisation

> Business Statistics Devision - Section of Global and Structural Business Statistics

4. Number of employees in the register unit (Headcount employees)

> 21 employees in the whole unit, of those 4 working in S_BR

5. Primary goal and use of the register

> To keep the record on statistical units based on administrative and statistical sources in line with the EU regulation, to follow demography events, keep the record on fictious units that are important for statistics and assign statistical ID and statistical activity codes. S_BR disseminate the data on statistical units and provide business population data for all statistical domains and for different statistical purposes (e.g.master frames, STS, SBS, BD)

6. Year of establishment of the register

> 2003/2004

7. Year(s) of the main re-engineeering(s) of the register

> Started in 2011 and finished in 2016

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 154.000

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Implementation of yearly S_PRS data base

Description of work (max 4-5 sentences)

A separate annual S_PRS data base was prepared based on monthly S_PRS data and other relevant statistical and administrative sources. This new data base in 2016 started to be used as annual survey frame for STS statistics for year 2016 and yearly statistics for year 2015.

2. Short title of work which was done

Relation data base (LKAU-KAU and LKAU-LU)

Description of work (max 4-5 sentences)

In the relation database the relations between LKAU and KAU and LKAU and LU were introduced. At the same time the data base to keep the records on KAU and LU on a yearly basis started to be implemented based on FRIBS requirements.

3. Short title of work which was done

Setting up S_PRS interfaces

Description of work (max 4-5 sentences)

For daily usage of new S_PRS a user-friendly interfaces was set up for viewing the monthly and yearly S_PRS data and demography events.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Testing the Implementation of S_BR for Business Statistics domains

Description of work (max 4-5 sentences)

For implementation (use) of new S_BR in all statistical domains a special internal Task foce was set up already at the end of 2015. The main task of the group in 2016 will be to check the methodological and technical impacts of S_PRS on existing statistical processes, to check the practical implementation of S_BR on one STS and one yearly survey in practice and to propose the action plan for all statistical domains when and how they will start to use the new S_BR in their statistical processes.

2. Short title of work planned

Methodological and technical adjustments where necessary

Description of work (max 4-5 sentences)

Based on testing activities of S_BR mentioned at item 1 methodological and technical adjustments of S_BR will be implemented where necessary.

3. Short title of work planned

Education of users

Description of work (max 4-5 sentences)

One of the main task for 2016 is to educate the users about the new infrastructural product S_BR: the content, methodology, updating, statistical identification, demography and continuation of units, main differences with administrative business register, use of S_BR interfaces etc.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

The main challenge will be to implement a new statistical ID (and all related issues of S_BR) in the statistical processes and to start a new era in this respect. In our office the common administrative ID for legal units was used as main ID for almost 40 years. With the new S_BR this administrative ID is not a primary key anymore, but it gets a new function - it started to be a variable - a link for administrative sources.

Description of the challenge

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **South Africa**

Reporter:

> Marietha Gouws

Institution:

> Statistics South Africa (Stats SA)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Statistical Business Register (SBR) - previously referred to as the "Business Sampling Frame".

2. Name of the organisation responsible for holding the register

> Statistics South Africa

3. Position of the register unit in the organisation

> Cluster: Methodology, Standards and Research

4. Number of employees in the register unit (Headcount employees)

> 75

5. Primary goal and use of the register

> Drawing of annual economic statistics samples, production of the Business Register-based Statistics Report and other reports related to quality.

6. Year of establishment of the register

> The current Statistical Business Register was established in 1999 with the use of the Value Added Tax (VAT) data. Prior to 1999, the "Business Address Register" units were based on lists from municipalities, medical council, departments and associations, etc., that were collected and updated manually to the database.

7. Year(s) of the main re-engineering(s) of the register

> Re-engineering started in 2013 and implementation started in 2015 and is planned for completion in 2016.

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 1 462 068	Legal units:

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Continued with the updating of the Province and Municipal Name at the GEO statistical unit.

Description of work (max 4-5 sentences)

> The project improved the municipality code at geo level in order to pave-way for the production of the regional statistics in future. By the end Nov 2015, 94,31% of the GEO statistical units were updated.

2. Short title of work which was done

> Commenced research to improve quality of the SBR.

Description of work (max 4-5 sentences)

> Apart from quarterly analysis of the SBR and reporting on quality issues, **research** has commenced in the Quality Management Framework, Units model and coverage of the SBR.

3. Short title of work which was done

> Automation of the Snapshot.

Description of work (max 4-5 sentences)

> This function can now be performed by the statisticians from SBR, rather than the programmers from a division outside of the SBR. The old Business Sampling Frame was written in Centura programming language. The continuous improvement requirements to the system could not take place due to lack of skills in Centura. The re-engineered SBR is written in SQL which will allow for the necessary changes/revisions/improvements to take place. This will improve the functionality and the additions of the necessary new functions.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

> Maintenance of the Statistical Business Register

Description of work (max 4-5 sentences)

> Profiling and delineation of large and complex enterprises - to decrease the turnaround time.

2. Short title of work planned

> Continue with quality improvement

Description of work (max 4-5 sentences)

> Continuation of research topics as outlined in the previous section. These efforts are spread over 3 years.

3. Short title of work planned

>

Description of work (max 4-5 sentences)

>

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

> Non implementation of ISIC4 and poor quality of administrative source data

Description of the challenge

> No budget to implement ISIC 4 at this stage. The administrative source started implementing ISIC 4 on Income Tax (not the maintenance source of the SBR). In addition, poor quality economic activity codes as well as contact details are received from the VAT database.

2. Main challenge 2

> SBR is not providing sampling frames for employment statistics according to stakeholder needs.

Description of the challenge

> VAT is the maintenance source of the SBR. No unique identifier between the various tax types as well as the quality of the administrative source information which is a concern. A task team is investigating the options.

3. Main challenge 3

Classification of small units

Description of the challenge

Due to limited resources, a top down approach is followed for maintenance of the SBR. The economic activity classification (as received from the administrative source) of small units is a concern. Various options are considered for improvement.

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

    SPAIN

Reporter:

    Valentin Llorente Garcia

Institution:

    Instituto Nacional de Estadistica (INE) / National Statistical Institute (NSI)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

    Directorio Central de Empresas (DIRCE)

2. Name of the organisation responsible for holding the register

    Instituto Nacional de Estadistica (INE) / National Statistical Institute (NSI)

3. Position of the register unit in the organisation

    Departamento de Metodología y Desarrollo de la Producción Estadística / Department of Methodology and Development of Statistical Production

4. Number of employees in the register unit (Headcount employees)

    11

5. Primary goal and use of the register

    Updated sampling frame for surveys addressed to enterprises. Tool for analysis of business population: structure and demography.

6. Year of establishment of the register

    1993

7. Year(s) of the main re-engineeering(s) of the register

    2000 (enterprise groups were included), 2002 (enlargement of economic activity coverage), 2003 (adaptation to the future new European Regulation), 2004 (introduction of Institutional Sector according to ESA-95), 2005 (improvement in technological environment; users consultation interface tool), 2009 (adaptation to NACE Rev. 2), 2009 (contribution to the maintenance of EGR v. 1), 2013 (contribution to the maintenance of EGR v. 2), and 2015 (introduction of Institutional Sector according to ESA-2010).

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 3,620,741 Rev. 2 Sections considered)	Legal units: 3,624,973 (All NACE

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

    Description of our national statistical Business Register using GSBPM.

Description of work (max 4-5 sentences)

    Finalizing the documentation related to the description of our national statistical Business Register management processes, by using GSBPM. This description was completed with graphical representations in order to get a detailed and standardized notation explaining the core processes followed when producing our statistical Business Register.

2. Short title of work which was done

Contribution to the maintenance of EGR.

Description of work (max 4-5 sentences)

Participation in the new exchange flows in order to generate the Eurogroups Register referred to 2014. Additional identification of foreign legal units stored in our national BR (collection of LEID numbers from the EGR IS; storage of the unique identification number of foreign units).

3. Short title of work which was done

Regional Business Demography.

Description of work (max 4-5 sentences)

Participation in the Regional Business Demography 2015 voluntary data collection. Delivering of data referred to 2011, 2012 and 2013. A complete NUTS breakdown was applied.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Profiling Methods.

Description of work (max 4-5 sentences)

A first task will involve the design of tools addressed to produce automatic profiling on enterprise groups comprising few legal units; analysis of results will be an important issue in order to assess the reliability of that procedure. A second task will consist in continuing the practice of European profiling by using IPT (Interactive Profiling Tool).

2. Short title of work planned

Linking Business Demography to data on trade by enterprise characteristics (TEC).

Description of work (max 4-5 sentences)

Linking business demography (BD) statistics to international trade in goods statistics by enterprise characteristics (TEC) to obtain information on exports and imports of young enterprises.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Continuing a better implementation of the enterprise unit.

Description of the challenge

Assessment of the feasibility of profiling methods searching for solutions in the way to get useful statistical units for the national statistical production system.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

Palestine

Reporter:

Saleh ALKAFRI

Institution:

Palestinian Central Bureau of Statistics (PCBS)

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Statistical Business Register (SBR)

2. Name of the organisation responsible for holding the register

Palestinian Central Bureau of Statistics (PCBS)

3. Position of the register unit in the organisation

Central Registrations Department

4. Number of employees in the register unit (Headcount employees)

Two Employees plus the director of the department

5. Primary goal and use of the register

Sampling Frame and Quality Control of Administrative Business Register (Macro Level)

6. Year of establishment of the register

1994 - since that time, the SBR depend on Establishments Census (every 5 years) - last one was in 2012

7. Year(s) of the main re-engineeering(s) of the register

2015 - Under process -PCBS started to lead SBR project to start depend on the Municipalities and Government BR as the main sources of the SBR instead of conducting the establishments census (EC) every 5 years. The next EC will be conducted in 2017, between 2015-2017 will be a pilot to use the available BR in the municipalities to update the EC 2012, and to start using officially the BR's in the government and Municipalities after 2017 to do an annual update for the SBR.

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: Around 126,000 Enterprises -updated frame depending on the EC 2012

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Matching

Description of work (max 4-5 sentences)

> Improve the matching process
> Using Fuzzy Lockup and DUKE (java) as tools for matching
> Set a cleaning and matching specification and build the DUKE program

2. Short title of work which was done

lessons learned from matching

Description of work (max 4-5 sentences)

> Holding a workshop on data exchange and integration and standardized with stakeholders
> The importance of Unifying concepts, classifications and minimum variables
> The importance of building Unique ID of common establishment registered among the various sources of registration where the ID is a very important tool for linking administrative records for enterprises data between different sources.
> The importance of consensus on the exchange of data between official institutions

3. Short title of work which was done

Pilot proposal 2016

Description of work (max 4-5 sentences)

> The experience of listing the establishments and buildings in Ramallah municipality boundaries in corporation with the Municipality of Ramallah and the commercial Chambers of Ramallah and Al-Bireh in order to identify the nature of the data that has been registered with the agencies and their importance in providing the main elements to build a business register, these elements are "providing standardized ID number, minimum required variables for the business register, the exchange interface between agencies and linking these data with the establishment census.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Conducting the pilot of Ramallah

Description of work (max 4-5 sentences)

> The objective of the pilot simulation how to use the next census
> Signing Memorandum of Understanding (MoU) with stakeholders (Ramallah Municipality,Ramallah Chamber of Commerce and PCBS)
> Training the field workers
> collect data from field work
> matching data and extracting results

2. Short title of work planned

Determine the minimum of variables, concepts and ID and approved by the cabinet

Description of work (max 4-5 sentences)

> Document developed by stakeholder and approved by the cabinet about the minimum variables and concepts and circulated to partners

3. Short title of work planned

Preparing for Establishments Census (EC) 2017

Description of work (max 4-5 sentences)

> • Conducting EC in 2017.
> • Developing tool to match between the BR and EC data
> • improving the SBR strategy after the matching
> • annual updates

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Unifying concepts between the partners

Description of the challenge

Since there is no consistency between partners it is a big challenge to unify these concepts to use them in matching (Record Linkage) and update the registers.

2. Main challenge 2

Improving the current ID and apply it on the old and new establishments

Description of the challenge

In Palestine, there is an ID for companies and establishments from 3 resources (Individuals form Ministry of Interior. Companies from Ministry of Economy. And NGO's from Ministry of Finance. The plan is to join these IDs in one system to be unique for each establishment/legal unit.

3. Main challenge 3

Coverage

Description of the challenge

The informal sector in Palestine covers more than half of establishments, so the updating for the rest of establishments is missing. We plan to use a modeling technique to estimate the characteristics and nature of its trends.

Country:

Sweden

Reporter:

Christian Ekström

Institution:

Statistics Sweden

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Business Register System (Public and Statistical Business Register)

2. Name of the organisation responsible for holding the register

Statistics Sweden

3. Position of the register unit in the organisation

Economic Statistics Department

4. Number of employees in the register unit (Headcount employees)

20

5. Primary goal and use of the register

Survey frame and commission based activities

6. Year of establishment of the register

1975

7. Year(s) of the main re-engineeering(s) of the register

1998-2000

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	1178884	Legal units:

II. Progress and Developments in the Past Year
   Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Launch of application for checking

   Description of work (max 4-5 sentences)

An application for checking administrative data from the main source, the Tax Authority, to the BR was finalized at the beginning of 2015. The application has now been in function for one year and the implementation worked out fine. This new application runs side by side with the old BR-application.

2. Short title of work which was done

Comparison between BR and Tax Authority as regards legal units and variables

Description of work (max 4-5 sentences)

A one-off comparison of the legal unit population in the BR and the Tax Authority was made at the beginning of 2015. The Tax Authority is the data provider of legal units to the BR. A comparison was deemed necessary due to suspected inconsistencies detected by the BR-team. However, the comparison showed a small number of inconsistencies for legal units. These were concentrated to small legal units in terms of turnover and number of employees.

3. Short title of work which was done

Verksamt.se - a portal for enterprises

Description of work (max 4-5 sentences)

A web-portal where enterprises can update basic enterprise information was launched a few years ago. This is a joint cooperation between the Tax Authority, the Companies Registration Office and the Swedish Agency for Economic and Regional Growth. One purpose is for governmental authorities in Sweden to share basic enterprise information. What is positive is that enterprises need only to update this information once. What is is not so positive is that so far, just a few enterprises have the possibility to use the portal. In 2015 some basic data from enterprises was transferred to Statistics Sweden and the BR via the portal. The process still requires manual work for the BR maintenance team. Nonetheless, this can be seen as a first step towards an online service for enterprises that is also linked to the BR.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

EGR technical support

Description of work (max 4-5 sentences)

The national enterprise group register with focus on EuroGroup register population is still under development. The part regarding the handling of the administrative data and EGR data from Eurostat is finished. The main focus for this year is the continuity rules for enterprise groups, describing the process model and IT architecture for the whole register system version 1.0.

2. Short title of work planned

Delineation of Enterprises

Description of work (max 4-5 sentences)

Delineation of enterprises from the information on legal structure of enterprise groups is ongoing grant work. Core issue for creating the method for automatic delineation is detection of the suspicious ancillary activity and consolidation of it within the enterprise. Quality of information in NBR is big impact factor on the success of this exercise.

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Continue to develop and implement the new business register system

Description of the challenge

> This is the greatest challenge. There are several areas for development. What will be realised in late 2018/ early 2019 is a new database structure, a new application (including the already implemented application for checking) and a solution for taking care of deliveries of administrative data from different sources.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers - International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **Switzerland**

Reporter:

> Tomasini Fabio

Institution:

> Swiss Federal Statistical Office

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Business and enterprise register (BER) - Registre des entreprises et des établissements REE

2. Name of the organisation responsible for holding the register

> Swiss Federal Statistical Office

3. Position of the register unit in the organisation

> The register unit is part of the register division of our office.

4. Number of employees in the register unit (Headcount employees)

> 40

5. Primary goal and use of the register

> The register is used for statistical purposes as well as for pubic interest tasks.

6. Year of establishment of the register

> 1982

7. Year(s) of the main re-engineeering(s) of the register

> 2001 / 2014 - 2018 planned

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 854545	Legal units:

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Introduction of third cycle of yearly employment data

Description of work (max 4-5 sentences)

> The last enterprise census took place in 2008. Since 2011, the new employment structural basis statistic, based on social security data, is used yearly to update the employment data. Yearly data on employment have been provided based on the same procedure. In 2016, final data 2013 and 2014 preliminary data have been loaded into the BR. The imputation method, for the full time equivalents employment data, are now based on 3 year cycle.

2. Short title of work which was done

Profiling light survey

Description of work (max 4-5 sentences)

Large enterprises and groups are followed by the profiling team. Small and medium multi-unit enterprises are part of the yearly profiling light survey. A web-based survey provides the employment for all small and medium multi-unit enterprises not covered by profiling.

3. Short title of work which was done

Conceptual work on reengineering

Description of work (max 4-5 sentences)

The reengineering conceptual phase of the BR have been finish last year. The definition and specification have been prepared. The realization cycle have started base on a scrum methodology. All requirement have been documented on Enterprise architect, so that the BPM methodology is fully implemented.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Automatic loading procedure

Description of work (max 4-5 sentences)

The load of statistical data should take maximum advantage of automatic procedures. There is a need to provide timely data for all users.

2. Short title of work planned

Re-engineering of the BR

Description of work (max 4-5 sentences)

An important re-engineering project of our BR will start in 2016 and should last at least 3 years.

3. Short title of work planned

Maintenance of the public sector

Description of work (max 4-5 sentences)

The public sector is a very special domain and the use of administrative data in this sector is not simple. There in a need to improve the definition of employment in order to have a better connection between administrative data and profiling data.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Re-engineering of the BR

Description of the challenge

The implementation phase of the reengineering of the BR has began year. The main goal is to assure the replacement of the IT infrastructure, to improve the management the data acquisition, and harmonize all interfaces.

2. Main challenge 2

Definition of employment

Description of the challenge

In administrative data there are information that are not easy to convert into statistical information. For employment, there is a need to have a consistent definition that allows to take into consideration only real jobs, all other entries, such as external services, should not be taken into account for the statistical production. This definition should be implemented in the various payroll systems in the enterprises.

3. Main challenge 3

Quality reporting system

Description of the challenge

A quality control such as the control of the economic activity code should be integrated in a reporting system. This reporting system should be integrated to the maintenance program that will be developed in the re-engineering of our BR.

Country:

Tunisia

Reporter:

Hassen AROURI : Director of SBR and economic surveys
Rim CHABBEH : Head-director of SBR

Institution:

National Institute of Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

Tunisian Statistical Business Register (TSBR)

2. Name of the organisation responsible for holding the register

Tunisian National Institute of Statistics

3. Position of the register unit in the organisation

Head-Direction

4. Number of employees in the register unit (Headcount employees)

Statistical Business Register : 4 employees
Local Units Register : 2 employees
Financial accounts Register : 11 employees

5. Primary goal and use of the register

Sampling and estimation database for economic surveys
Dissemination of statistics on enterprises (annual publication)
Statistical database for economic studies

6. Year of establishment of the register

1996 (Law : Decree 94-780 of April 4, 1994)
yearly update based essentially on administrative sources

7. Year(s) of the main re-engineeering(s) of the register

1996 : creation of the TSBR
2009 : development and integration of statistical improvement methodologies
2014 : initiation of Accounts Register Project
2015 : initiation of Local Units Register Project

8. Number of active enterprises* in the register at the end of 2014

691015 enterprises (employers and independents) on December 31, 2014 including :

680241	Private enterprises
6952	Associations
195	Public enterprises
3627	Administrations

15.933 secondary local units (of 10.540 enterprises) on December 31, 2014

Enterprises: 691015 (15% false active)	Legal units: 691015

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

Statistical Business Register (version 31/12/2014)

Description of work (max 4-5 sentences)

> - Match data collected from different sources which does'nt use the same identifier (using statistical methodologies)
> - Code key variables using statistical classifications (activity, address, legal form)
> - Estimate key variables in the SBR such as the status of activity, pricipal activity, address, number of employees, turnover
> - Update the Datawarehouse on enterprises (1996-2014)
> - Disseminate statistics : annual publication on number of enterprises, number of salaries, job creation, demography of enterprises (entries, exits); classified by activity, size, localization, legal from, nationality of the enterprise (tunisian/foreign)

2. Short title of work which was done

Local units Register (version 31/12/2014)

Description of work (max 4-5 sentences)

> To create and manage the local units register, statistical methodologies was developed based on matching addresses of two types of units (local units files and salaries files)
> To validate the results, two statistical sources are used as a benchmark (social employement survey and firms employement survey)
> A first version of the local units register was established on April, 2015

3. Short title of work which was done

Accounts Register

Description of work (max 4-5 sentences)

> The accounts Register was initiated on cooperation with Finance Ministry, the idea is to collect the financial declarations on paper, scan them and turn them into a database.
> The goals of this project are to improve the coverage of national accounts, minimize survey costs and maximize the use of administrative sources.
> Actually, we have scanned declarations of around 58000 enterprises for year 2013 and 56000 accouts for the year 2014.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Continuing update of the Statistical Business Register and Local Units Register

Description of work (max 4-5 sentences)

> Annual update of the SBR and Local Units
> improve the annual publication with new indicators : emolyment statistics by region, turnover, …

2. Short title of work planned

Intégration of data of consumption of electricity and gas

Description of work (max 4-5 sentences)

> A new administraive source covering the consumption of electricity and gas by entreprise managed by the STEG should be integrated in the statistical business register. In absence of commun identifier, a phase of matching is developed to link the two sources.

3. Short title of work planned

Analyse and extrapolation of financial accounts

Description of work (max 4-5 sentences)

> A statistical methodology was developped to analyse three principales variabales relative to entreprises accounts : production, intermédiare consumption and added value

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Anonimysation of individual data

Description of the challenge

> Many requests require individual level databases for studies
> The Tunisian economy is characterized by the presence of monopolies in some sectors
> The development of an anonymization algorithm of the business register is hard to do

2. Main challenge 2

harmonization of concepts and classifications at the national level

Description of the challenge

Each administrative partner has its own concepts and classifications
The use of conversion tables for harmonization does not solve some cases
Statistical definitions and concepts do not satisfy the needs of partners in some cases. The INS assure a tecnical assistance to the CNSS (security and social fund) to use the NAT(national actvity classification)

3. Main challenge 3

Use the accounts register to reduce the economic surveys

Description of the challenge

Information contained in enterprises accounts can be a source to calculate production, added value and investissement.

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Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

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Country:

> **Ukraine**

Reporter:

> O. Ponomarenko

Institution:

> State Statistics Service of Ukraine

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Register of Statistical Units (RSU)

2. Name of the organisation responsible for holding the register

> State Statistics Service of Ukraine

3. Position of the register unit in the organisation

> Division within the Department for Statistical Infrastructure, State Statistics Service of Ukraine

4. Number of employees in the register unit (Headcount employees)

> 3*

5. Primary goal and use of the register

> Ensure the needed completeness of statistical unit coverage, formation of the total population of statistical observations (sample frame), provision of information to users

6. Year of establishment of the register

> 1993

7. Year(s) of the main re-engineeering(s) of the register

> 2007- 2009

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 624, 8 thsd**	Legal units: 1121,3 thsd**

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Compilations of basic indicators on enterprise demography based on the RSU

Description of work (max 4-5 sentences)

> Statistical reference book for demographic events has been developed to introduce observation over enterprise demography based on the RSU. The calculations were made, basic indicators on enterprise demography were published.

2. Short title of work which was done

Preparation work on identification and building up enterprise groups in the RSU

Description of work (max 4-5 sentences)

Aprobation of enterprise group creation in the RSU was made jointly with the European experts, draft methodological document on identification of enterprise groups in the RSU was prepared.

3. Short title of work which was done

Improving the quality of the RSU

Description of work (max 4-5 sentences)

The regulation on work performance to update a list of local units on the basis of statistical observations with regard to identification of local units in the register and changes to periodicty for the conduct of work from annual to monthly has been revised. The report on quality of the RSU was drafted and placed on the official web site. Metainformation on the RSU was compiled.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Further development of statistics of enterprise demography

Description of work (max 4-5 sentences)

Improvements to methodological documents and software to produce new indicators on enterprise demography

2. Short title of work planned

Improvements to the RSU quality

Description of work (max 4-5 sentences)

Preparation of draft methodological document on methods to ensure the RSU quality

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Problem of further modernization of information system to maintain the RSU

Description of the challenge

2. Main challenge 2

Limited financial and labor resources to maintain the RSU

Description of the challenge

3. Main challenge 3

Description of the challenge

* paragraph 4 indicates the number of employees in the register unit within the Department for Statistical Infrastructure, the State Statistics Service of Ukraine, (specified in paragraph 3 of section I of the questionnaire). Also, 10 employees from the Main Office for Regional Statistics deal with the issues concerning the RSU maintainance.

** Paragraph 8 indicates the number of active enterprises and legal persons. Data exclude natural persons-enterprenaurs.

Country progress report 2015 and future plans

Country:

> **United Kingdom**

Reporter:

> Andrew Allen

Institution:

> Office for National Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> Inter-departmental Business Register

2. Name of the organisation responsible for holding the register

> Office For National Statistics

3. Position of the register unit in the organisation

> Within Data Collection Directorate

4. Number of employees in the register unit (Headcount employees)

> 75

5. Primary goal and use of the register

> Sampling frame for all business surveys

6. Year of establishment of the register

> 1994

7. Year(s) of the main re-engineering(s) of the register

> n/a

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises: 2453466	Legal units:2497078

II. Progress and Developments in the Past Year

Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Global Legal identifier added

Description of work (max 4-5 sentences)

> Changes were made to hold and regularly update the GLEI unit on the IDBR. While there are relatively few businesses holding this identifier in the UK , there is considerable interest in the potential of the identifier from National Accounts users.

2. Short title of work which was done

> Increased coverage of Register

Description of work (max 4-5 sentences)

Around 100,000 businesses that were previously thought to be a duplication risk were added to the survey universe population. This followed a lengthy project to investigate these businesses. Working in collaboration with the Revenue department, it was possible to determine that their duplication risk was low. A project was then set up to manage the implementation and the discontinuity that would have to be managed by survey users.

3. Short title of work which was done

Improvements to financial sector businesses

Description of work (max 4-5 sentences)

Working with National Accounts colleagues who were implementing the new European System of Accounts, a number of small improvements were made to the register. Mostly these were data improvements, such as improving the industrial classification of financial sector businesses, but also some rules were changed in the management of holding companies and head offices.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Redevelopment of the Business Register

Description of work (max 4-5 sentences)

A full redevelopment of the UK business register will start in 2016. The current business register has been in place since 1994, and has been amended and improved regularly during this time. However, ONS is now undergoing a major transformation and this will include a redevelopment of the business register. The project is in two parts. The first is the development of a complete uniquely identified list of businesses in the UK for wider policy purposes - this will be legal unit based. Then this list will be used as an input into a new statistical business register. As a result there will be no further development of the existing IDBR.

2. Short title of work planned

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Transformation of Business Register

Description of the challenge

As mentioned in section 3, the UK will redevelop the business register. This is a major challenge, not just the technical development challenge, but also the challenge of transition to the new register and the transition required by survey users. The new register is likely to have a larger population due to access to new administrative data sources, so a careful transition plan will be required.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **United States**

Reporter:

> David Talan

Institution:

> U.S. Bureau of Labor Statistics

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register

> U.S. BLS Quarterly Census of Employment and Wages (QCEW) Business Register

2. Name of the organisation responsible for holding the register

> U.S. Bureau of Labor Statistics

3. Position of the register unit in the organisation

> Office of Employment and Unemployment Statistics

4. Number of employees in the register unit (Headcount employees)

> 12, plus Regional and State partners

5. Primary goal and use of the register

> The QCEW business register is used to produce Business Demography data, as well as for a sample frame, employment survey benchmarking, research, and data sharing with other federal agencies.

6. Year of establishment of the register

> 1990

7. Year(s) of the main re-engineeering(s) of the register

> 1990, 2003

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

> Enterprises: 5,065,000 (Q1 2015 - Firm Level)   Legal units: 9,461,878 (Q1 2015)

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Development and implementation of a new statistical Weighted Match system in longitudinal linking

Description of work (max 4-5 sentences)

> BLS has replaced a proprietary matching program with one developed in-house intended to specifically address the linking of QCEW data. The program bases matches on administrative fields such as name, address, industry, and Federal tax ID.

2. Short title of work which was done

Administrative NAICS Reclassification of Home Based Services for the Elderly

Description of work (max 4-5 sentences)

BLS has addressed an administrative reclassification that occurred in 2013 data. New industry codes for units impacted by this scope change have been pushed back on the database, and all historical tabulations have been reproduced with the 2015/Q1 publication.

3. Short title of work which was done

Annual Business Employment Dynamics measures by firm age and firm size

Description of work (max 4-5 sentences)

The BLS is researching ways to expand annual business employment dynamics estimates by firm size and firm age. For size, BLS will use the firm's size and apply it to all of the individual establishments within that firm. For firm age, BLS will assign the age of the oldest establishment to the firm and apply it to all of the individual establishments.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Linking the Foreign Direct Investment to the Business Register

Description of work (max 4-5 sentences)

By linking the Bureau of Economic Analysis' Survey of Direct Foreign Investment in the United States and the BLS Business Register, BLS aims to develop employment and wage estimates for foreign-owned United States establishments at the national, state and industry level.

2. Short title of work planned

Description of work (max 4-5 sentences)

3. Short title of work planned

Description of work (max 4-5 sentences)

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Budget Constraints

Description of the challenge

Continued budget cuts have curtailed a small portion of the program which may delay development of some projects.

2. Main challenge 2

Description of the challenge

3. Main challenge 3

Description of the challenge

Wiesbaden Group on Business Registers -
International Roundtable on Business Survey Frames

Country progress report 2015 and future plans

Country:

> **USA**

Reporter:

> Brandy L. Yarbrough, Operational Director for the Business Register

Institution:

> U.S. Census Bureau

I. Organisation, Population and Usage of the Statistical Business Register

1. Name of the register
> Business Register (BR)

2. Name of the organisation responsible for holding the register
> U.S. Census Bureau, Economic Statistical Methods Division (ESMD)

3. Position of the register unit in the organisation
> The register is supported and maintained by multiple branches and divisions organized along functional lines,

4. Number of employees in the register unit (Headcount employees)
> 80

5. Primary goal and use of the register
> The primary functions of the register are to serve as a sampling frame and source of administrative data for the Census Bureau's economic statistical programs.

6. Year of establishment of the register
> 1974

7. Year(s) of the main re-engineeering(s) of the register
> 2002

8. Number of active enterprises* in the register at the end of 2015
   *If it is difficult to use Enterprises, you can use Legal units instead.

Enterprises:	~35 million (including non-employers)	Legal units:

II. Progress and Developments in the Past Year
Please list main achievements (maximum 3) in the past year (2015) or the problems you have tackled.

1. Short title of work which was done

> Economic Census Feedback

Description of work (max 4-5 sentences)

> The extensive data review and publication cycle for the 2012 Economic Census (EC) was finally concluded in December of 2015. With the completion of this effort, the final industrial classification (NAICS) codes assigned to establishments during EC processing were applied to the BR. This update significantly improved the quality and reliability of NAICS codes on the BR, particularly those of single units currently assigned classifications based on administrative records.

2. Short title of work which was done

Internet-only Data Collection for Single Units

Description of work (max 4-5 sentences)

For the 2015 Report of Organization and the Annual Survey of Manufactures, single-establishment companies were offered only one reporting mode via the internet. This was an initial step toward phasing in 100% electronic data collection for the 2017 Economic Census.

3. Short title of work which was done

BR-based Data Product for Congressional Districts

Description of work (max 4-5 sentences)

For the 2014 reference year, the County Business Patterns (CBP) program released tabulations at the Congressional District (CD) level. This represents the first CD-level statistical product created using establishment data derived from the Business Register. The physical location addresses of establishments were assigned CDs based on geocoding software and then payroll and employment values were aggregated accordingly.   These data are expected to be a useful complement to CD data derived from household surveys.

III. Future plans

Please list themes/projects (maximum 3) which you plan to tackle in the current (2016) and following year(s).

1. Short title of work planned

Continued Phase-in of Electronic-only Data Collection

Description of work (max 4-5 sentences)

The electronic-only data collection strategy will be expanded to include multi-establishment companies for the 2016 Report of Organization and Annual Survey of Manufactures. The elimination of paper forms as a reporting mode is expected to not only yield a savings in terms of data collection costs but also lead to improved BR data quality.

2. Short title of work planned

Economic Census Classification Pre-Canvass

Description of work (max 4-5 sentences)

The 2016 BR processing reference year will include a pre-canvass of approximately 175,000 single-establishment companies. These businesses will be identified on the BR as having incomplete or low-reliability industrial classification (NAICS) codes. The primary purpose of the pre-canvass is to update the NAICS codes prior to questionnaire assignment for the Economic Census.

3. Short title of work planned

Administrative Net Receipts Quality Indicator

Description of work (max 4-5 sentences)

At present, net receipts measures that are derived from business income tax records are applied to the BR with virtually no editing or even indicators of quality. For the 2016 BR processing reference year a new indicator will be introduced that describes the quality of the administrative net receipts values. This indicator will be set based on the Hidiroglou-Berthelot (H-B) method of outlier detection using the ratio of net receipts to annual payroll. It will help survey areas in determining whether or not net receipts can be used as a reliable measure of size when selecting samples from the BR.

IV. Main challenges

Please list main challenges (maximum 3) with respect to development, maintenance and use of your statistical business register.

1. Main challenge 1

Size, Scope, and Complexity

Description of the challenge

> The Business Register (BR) serves many roles beyond being a sampling frame and administrative records repository. It is also the operational control system for the Economic Census (EC), the central repository of captured EC data, and the source of key data products. While there are certainly advantages to having a multi-purpose BR this, by definition, makes it complex and often difficult to understand in total. The perpetual challenge is in finding resources to work on the BR and in providing support to the user community.

2. Main challenge 2

"Big Data" Integration

Description of the challenge

> The statistical structures and classification systems upon which the BR is based do not always lend themselves to the ready ingestion of "big data" whether structured or unstructured. The "matching problem"-- trying to correlate big data or 3rd party data to individual BR statistical units-- is still a very time-consuming and resource intensive exercise.

3. Main challenge 3

Interoperability and Communication

Description of the challenge

> The BR serves as an originating data source for many other systems. For example the database that services the outward-facing "Business Help Site"-- a self-service portal for survey respondents-- is populated and refreshed from the BR. Similarly, subject-matter areas retrieve response data and status updates from the BR. Typically, these interactions are carried out through proprietary and disparate "extract, transform, and load" (ETL) operations. These operations require careful scheduling and must be re-tested if the underlying BR data structures change or if there is a need to add something to the extraction. There are also issues of having to "map" data elements in the BR to those in the target systems when non-standard nomenclature is used.