PROJEKTU LĪDZFINANSĒ
EIROPAS SAVIENĪBA

Program "Production of statistical information for the new EU initiatives" Annual Report 2016

In the framework of the program "Production of statistical information for the new EU initiatives" the CSB develops methods of obtaining new indices and improves methodology. In 2016, 47 grant projects in total were active. In 2016, 23 new projects were launched, 17 projects were finished, but on 18 implemented projects final reports were prepared and sent to Eurostat.

The program in total acquired resources of **639 807. 25 EUR.**

In 2016, the work was started on important and big projects:

*Project **"Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)".***

The objective of the project:
Feasibility studies of the possibilities to use administrative data and CSB survey data to provide data for the Population Census 2021 on the highest level of education obtained by the population and to work out proposals for the implementation of the new classification of education ISCED.

In the next Population Census 2021 will be in force THE EUROPEAN PARLIAMENT AND OF THE COUNCIL REGULATION (EC) No. 763/2008 (9 July 2008) on population and housing census that determines the range of basic or compulsory themes for the EU Member States and other requirements, the execution of which the CSB should ensure. The Cabinet of Ministers has made a decision that the Population Census 2021 will be conducted using information from administrative data sources or in case of need from the CSB regular sample survey data. Within the framework of the project will be examined possibilities to get information on the highest obtained level of education from the administrative data sources (the Ministry of Education and Science, the Office of Citizenship and Migration Affairs, technical colleges and higher education institutions and other administrative data sources that contain information on the level of education of persons (the Ministry of Finance, the State Employment Agency, the State Revenue Service etc.))

Results expected from the implementation of the project:
1) Studied the possibilities of the use of administrative data sources and results of the Population Census 2011 to define the highest obtained level of education of the population in the Population Census 2021.
2) Worked out proposals for the possible re-coding of the Population Census 2011 data to the new ISCED, data linkage in the SSDN, evaluation and/or imputation of missing data.
3) Prepared the final technical report on the results of studies and the project has been presented in the Baltic Census Seminar, ESTAT.

*Project **"Farm Structure Survey 2016"**.*

The objective of the project:

To obtain information on farm structure in 2016 according to THE EUROPEAN PARLIAMENT AND OF THE COUNCIL REGULATION (EC) No. 1166/2008 (19 November 2008) relating to the farm structure surveys and survey on agricultural production methods and repealing Council Regulation (EEC) No. 571/88 and Commission Regulation (EU) No. 715/2014 (26 June 2014) Commission Regulation (EU) No. 715/2014 (26 June 2014) with regard to the list of characteristics to be collected in 2016, the farm structure survey, amending Annex III to European Parliament and Council Regulation (EC) No. 1166/2008 on farm structure surveys and survey on agricultural production methods.
The survey is conducted in all countries of the European Union and European Economic Area once in three years.

General description of the project:
Farm Structure Survey (FSS) 2016 is an important survey for agricultural and environment data users. In FSS 2016 is obtained information on the use of land, on the number of livestock, biologic agricultural systems, technical supply of farms, employment in agriculture and on economic activities as well also on important agro-environmental indicators (methods of soil cultivation and preservation of richness of the soil, areas to be watered).

Results to be obtained:
In the FSS will be obtained information about the situation in agriculture in Latvia that will be used for data analysis both in the frame of Latvia and for planning and implementation of the EU Common Agricultural Policy (CAP). The FSS 2016 results will be published on the CSB home page. Individual data arrays and the national methodological report will be sent to Eurostat until 31 December 2017. The obtained results are used in planning the Common Agricultural Policy, evaluation of the support for the development of agriculture and determination of areas to be supported.

*Project **"Passenger mobility and road traffic statistics"**.*

The objective of the project is to produce harmonized statistical data on passenger mobility and passenger mobility indicators in Latvia that are defined in Eurostat guidelines and in the project specification with an aim to obtain harmonized statistical data in the EU.

Within the frame of the project a sample survey will be conducted where about 11 thousand persons will be inquired about their habits of moving in one of the weeks. Data will be compiled from the population aged 15 to 84 years. According to the project requirements and Eurostat Manual, concrete variables will be included to calculate the passenger mobility indicators. In addition, according to the project requirements, methodology and the obtained results of the project will be described.

Expected results: comparable statistical data on passenger mobility in Latvia in accordance with Eurostat Manual's recommendations referring to passenger mobility statistics. The survey results will be used by Eurostat to improve data compiling methodology in this area. Local data users have also expressed interest about the survey results, e.g., the Ministry of Environmental Protection and Regional Development and the State limited liability company Road Transport Administration.

*Project **"Centre of Excellence on Seasonal Adjustment"**.*

The general objective of the project is to provide support to ESS and ESCB and various kinds of service in the sphere of seasonal adjustment.

Three main directions of the project:
1) to evaluate and improve the quality of the program JDemetra+quality; 2)
to facilitate the further development and maintain JDemetra+program; 3)
to provide support to seasonal adjustment users.

As a result of the project, will be finished several JDemetra+plug-in, that will be supplemented with documentation. The project documentation will be finished and supplemented. Two reports also will be prepared.

*Project **"PPPs data collection 2017-18"**.*

The objective of the project – Provision of basic information for PPP.

The general description of the project - Regulation (EC) No 1445/2007 of the European Parliament and of the Council of 11 December 2007 establishing common rules for the provision of basic information on Purchasing Power Parities and for their calculation and dissemination, Commission Regulation (EU) No 193/2011 of 28 February 2011 implementing Regulation (EC) No 1445/2007 of the European Parliament and of the Council as regards the system of quality control used for Purchasing Power Parities. The expected results – to conduct all surveys mentioned in the Grant project, to fill in all necessary files thus providing Eurostat with basic information that is used to be able to calculate PPP (PPP are spatial deflators and currency convertors that square differences in price levels of different countries and thus allow comparing amounts of GDP components. PPP allows measuring the value of currency used in the country's economics based on the amount of goods and services that can be purchased by the currency of the respective country).

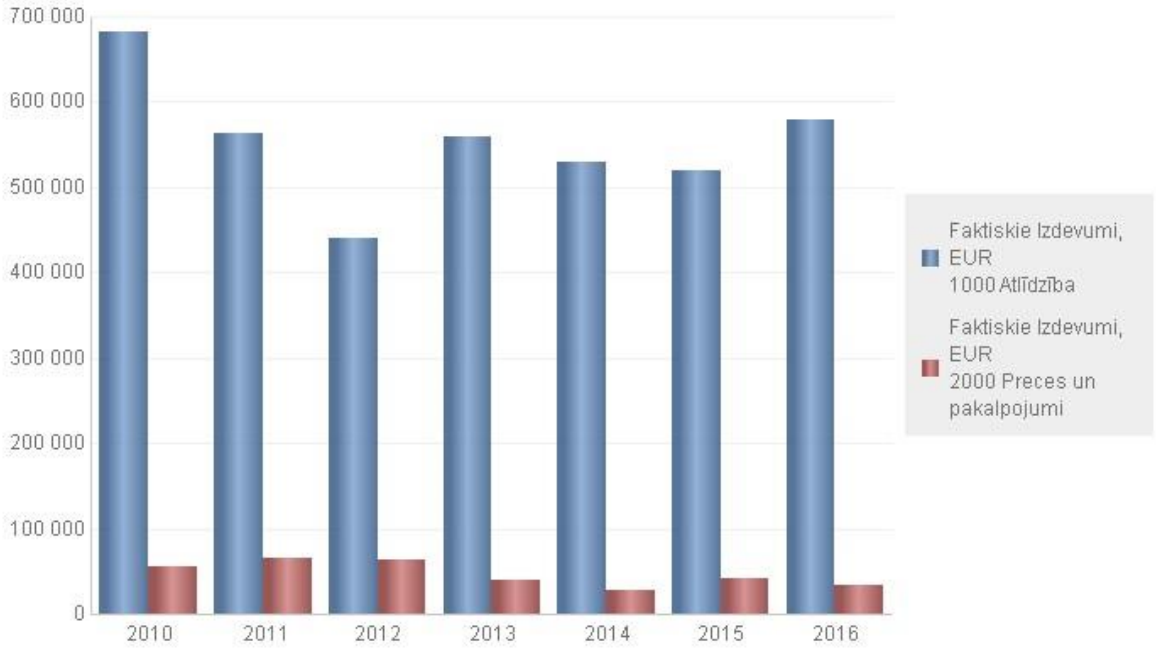
In the course of the project the following main surveys and activities are to be conducted: A: Consumer price surveys;
B: Survey of rental agencies;
C: Survey of capital goods prices;
D: Survey of hospital prices;
E: Other surveys (GDP weights, VAT data, survey of wages of the employed in the government sector, residential rental data);
F: Inventories of PPP calculation data sources and methods;
G: Additional tasks (e. g., last year Eurostat required revisions of GDP and residential rental data).

The project launched in November 2016 will continue till July 2019. The calculation results are regularly published by Eurostat in the database, press releases and bulletins.

Until 31 December 2016, Latvia received payments from *Eurostat* of the total sum **404 539,11** *EUR*. In 2016 were received from *Eurostat* 34 grant project tenders, on 14 projects were sent applications, but on 20 - refusals.

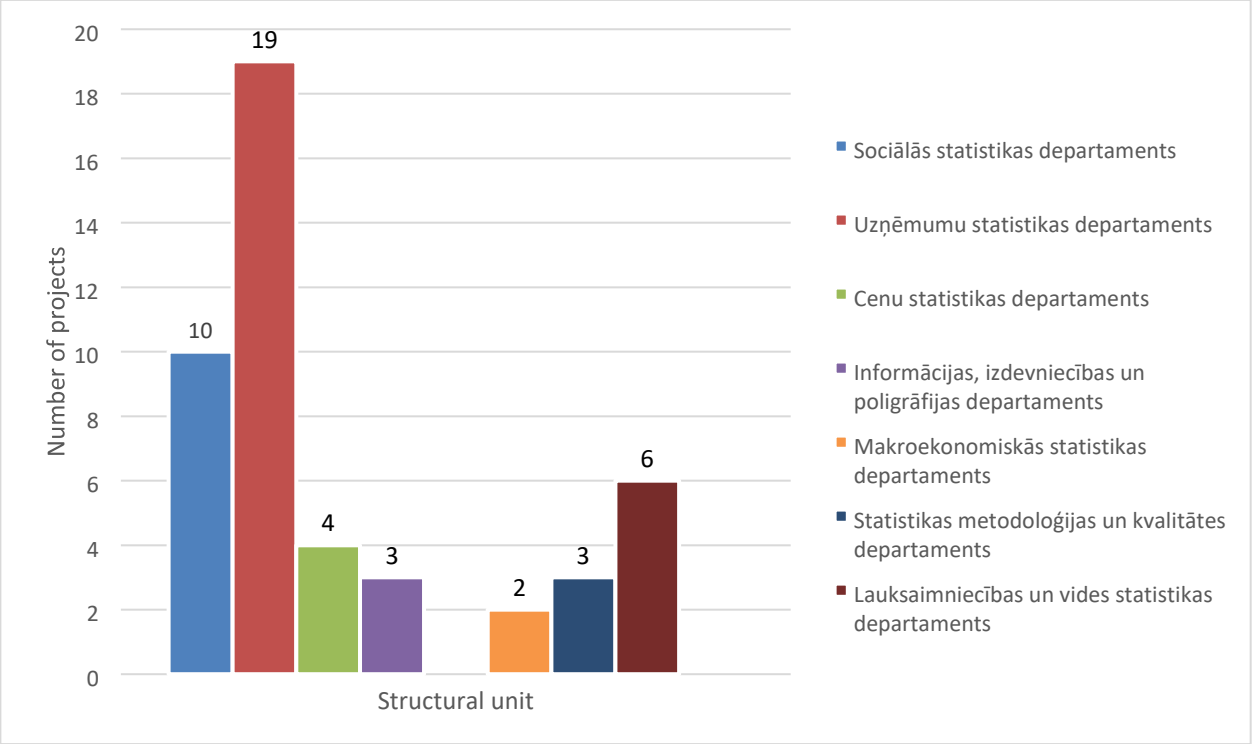
Expenses

Distribution and application of grant project expenses in 2010-2016 *(EUR)*



Year	Actual expenses *EUR* **Remuneration (code 1000)**	Actual expenses *EUR* **Goods and services (code 2000)**
2010	682 685	55 413
2011	562 856	65 630
2012	439 993	63 534
2013	558 842	40 626
2014	529 765	28 078
2015	519 936	41 145
2016	578 046	35 082

Implemented projects by structural unit in 2016



Grant projects by year and statistical area

Statistical area	***Number of projects***						
	2010	***2011***	***2012***	***2013***	***2014***	***2015***	***2016***
Social statistics	*11*	*2*	*4*	*5*	*9*	*8*	*10*
Business statistics	*9*	*5*	*8*	*7*	*8*	*10*	*9*
Price statistics	*3*	*2*	*4*	*7*	*5*	*2*	*4*
Business tendency and territorial statistics	*10*	*10*	*10*	*10*	*10*	*10*	*10*
Dissemination of statistical data	*2*	*2*	*2*	*2*	*1*	*1*	*3*
IT	*1*	-	-	-	-	-	-
Macroeconomic statistics	*4*	*2*	*1*	*5*	*5*	*5*	*2*
Regional and urban statistics	*1*	*1*	*2*	*2*	*4*	*2*	*1*
Agricultural and environment statistics	*3*	*5*	*8*	*7*	*6*	*7*	*6*
Mathematical statistics	-	-	*1*	*1*	-	-	*2*
Statistical Data Processing Department	*x*	*x*	*x*	*x*	*1*	*1*	-
Total	***44***	***29***	***40***	***46***	***49***	***46***	***47***

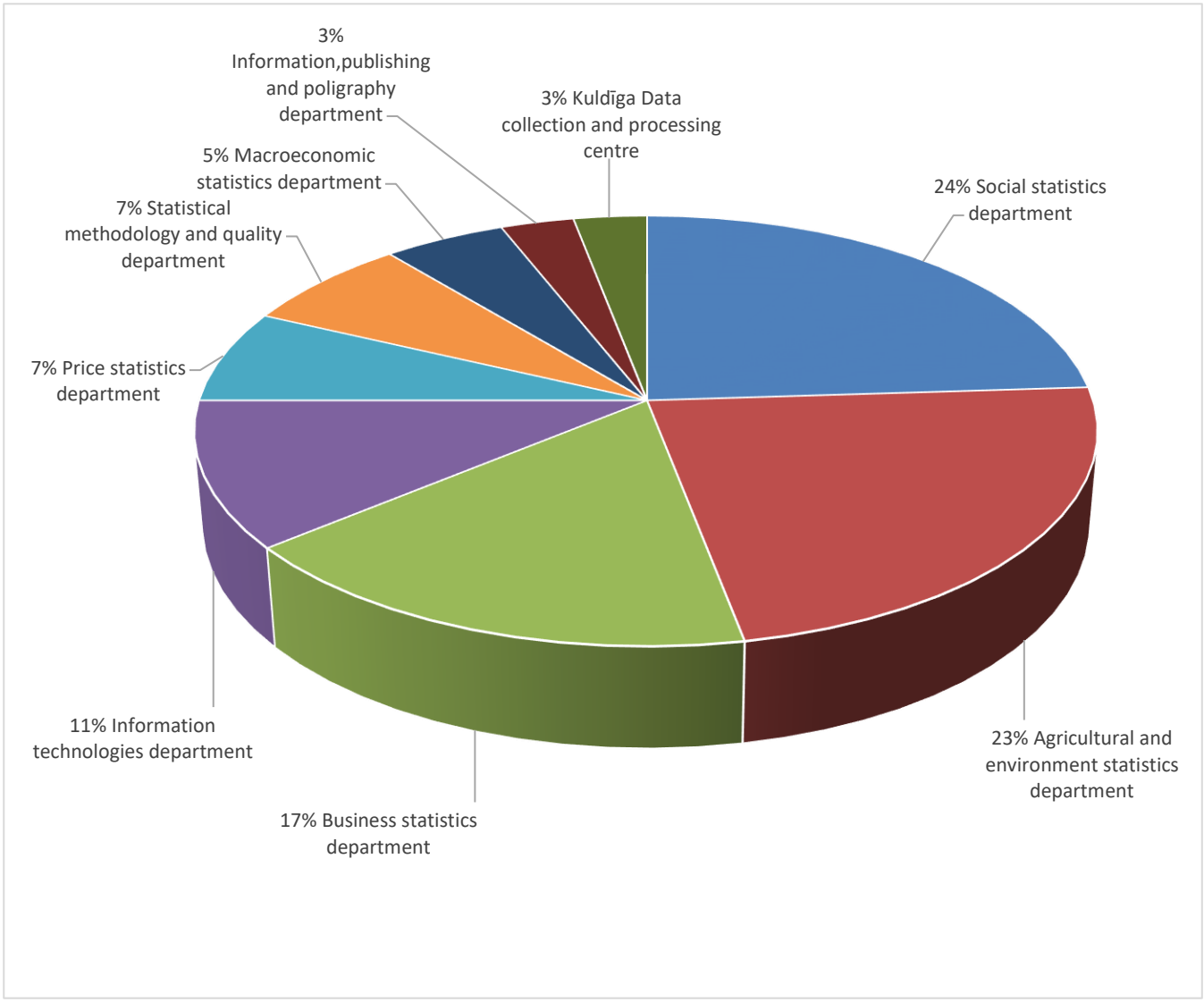
Personnel

In 2016, 233 CSB employees were involved in grant projects with different workload – working **74 557** hours in total.

Product		Actual hours
G-13.15	Sub-national statistics on NUTS3 and city level	427
G-14.07	Improvement of national business registers and testing of European profiling	56
G-14.10	Action plan for EU-SILC improvements	1 885
G-14.12	Usual residence population definition: Feasibility studies	3 093
G-14.09	Grant on provision of basic information on Purchasing Power Parities (PPP); Years 2015-2016	4 631
31101005	Assistance to Eurostat in treating user requests in latvian (Lot 2)	808
G-14.13	Pilot studies for developing the Environmental Accounting in the European Statistical System	1 046
G-15.01	Business and Consumer Surveys: Industry survey	1 535
G-15.02	Business and Consumer Surveys: Investment survey	530
G-15.03	Business and Consumer Surveys: Construction survey	940
G-15.04	Business and Consumer Surveys: Retail trade survey	1 165
G-15.05	Business and Consumer Surveys: Service survey	1 401
G-15.22	Third EU-SILC Network on Income and Living Conditions - NetSILC3	98
G-15.17	Environmental transfers in Latvia	2 641
G-15.06	GNI inventories	2 486
G-15.07	Implementation of SDMX and the Data Structure Definitions (DSDs) in National Accounts according to ESA 2010	2 836
G-15.09	Data collection on ICT usage in households and by individuals 2016 (Action 2)	8 141
G-15.10	Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)	1 694
G-15.12	Further investigation on data validation in animal production statistics in the framework of VIP validation project	1 712
G-15.13	Pilot studies in the framework of linking IACS and other administrative registers and statistics	3 056
G-15.14	Steps towards implementing the definition of statistical units for business statistics: Delineating the population of enterprises to be treated automatically (Topic 1).	365
G-15.15	Steps towards implementing the definition of statistical units for business statistics: Fully implementing the statistical units "enetrprise" and "kind of activity unit" in the business register (Topic 3).	936
G-15.16	Labour Force Survey ad hoc module 2016 on young people on the labour market	2 003

G-15.08	Data collection on ICT usage and e-commerce in enterprises 2016 (Action 1)	3 163
G-15.18	Regional business and employer business demography data	616
G-15.11	Micro data linking of Structural Business Statistics and other business statistics	600
G-15.19	Data collection for sub-national statistics (mainly cities)	646
G-15.20	Merging statistics and geospatial information in Member States	2 693
G-15.21	Farm Structure Survey 2016	9 077
G-16.01	Business and Consumer Surveys: Industry survey	2 526
G-16.02	Business and Consumer Surveys: Investment survey	552
G-16.03	Business and Consumer Surveys: Construction survey	1 689
G-16.04	Business and Consumer Surveys: Retail trade survey	1 977
G-16.05	Business and Consumer Surveys: Service survey	2 743
G-16.06	Quality improvements for the Labour Force Survey	2 062
G-16.08	Labour Force Survey 2017 ad hoc module on self-employment	606
G-16.07	Preparation for the revision of EU-SILC - Testing of rolling modules in EU-SILC 2017	480
G-16.11	Centre of Excellence on Seasonal Adjustment	79
G-16.09	PPPs data collection 2017-18	136
G-16.18	Improvements in ESSPROS statistics	512
G-16.12	Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)	216
G-16.16	Data collection on ICT usage and e-commerce in enterprises 2017 (Action 1)	357
G-16.17	Data collection on ICT usage in households and by individuals 2017 (Action 2)	154
G-16.21	Action 1: Price statistics - methodological and practical improvements and developments	80
G-16.22	Action 2: Real estate indicators	52
G-16.15	Passenger mobility and road traffic statistics	56

Proportions of working hours on grant projects of structural units in 2016



Results achieved in grant projects finished in 2016

Project	Project (LV)	Objective of the project	Results	Contact persons/Project leaders
Sub-national statistics on NUTS3 and city level	Reģionālā un urbānā statistika 2013/2014	To compile regional and urban statistical data characterizing the quality of life in cities and NUTS 3 regions of Latvia, Lithuania, Estonia and Hungary. The CSB compiles data on Rīga, Liepāja, Jelgava and Daugavpils, statistical regions of Pierīga, Kurzeme, Vidzeme, Latgale and Zemgale.	Compiled, verified and sent to Eurostat all available statistical indicators and methodological information on Rīga, Liepāja, Jelgava and Daugavpils, statistical regions of Pierīga, Kurzeme, Vidzeme, Latgale and Zemgale on the years 2013 and 2014. Prepared an informative leaflet in Latvian and English on European cities - "Urban audit 2013/2014" characteristics of European cities. It is available on the CSB homepage: http://www.csb.gov.lv/dati/epublikacijas/projekta-urbanaisaudits-20132014-eiropas-pilseturaksturojums-45276.html	Olga.Pritula@csb.gov.lv

Improvement of national business registers and testing of European profiling	Nacionālo statistikas uzņēmumu reģistru pilnveidošanas un Eiropas profilēšanas izmēģinājuma projekts	To improve national statistical business registers (SBR) with the unique identifier LEID and by continuing to apply international profiling methods in Latvian international enterprises to test their influence on the national level.	1. In the SBR were specified information of foreign legal unit's identifier (LEID) using the European |Group Register identification system (EGR IS), 61.6% of the total number of foreign legal units. 2. In line with the recommended methodology was continued testing of profiling methods of international enterprises, ensuring data exchange on 24 cases of international profiling of enterprises, of which 11 cases of intensive profiling and 13 cases of simplified profiling.	Sarmite.Prole@csb.gov.lv
Action plan for EU-SILC improvements	Rīcības plāns *EU-SILC* uzlabojumiem	1) To work out and test the version of CAWI input program for the EU-SILC survey. 2) To remake and test the new sample design of the EU-SILC survey. 3) To work out new data imputation methodology and prepare and test tools for the implementation of this methodology in the EU-SILC survey.	1) Worked out and tested the version of CAWI input program for the EU-SILC survey. 2) Remade and tested the new sample design for the EU-SILC survey. 3) Worked out new data imputation methodology and prepared and tested tools for the implementation of this methodology in the EU-SILC survey.	Viktors.Veretjanovs@csb.gov.lv
Usual residence population definition: Feasibility studies	Pastāvīgo iedzīvotāju definīcija: priekšizpēte	To evaluate the correspondence of the national definitions used in population statistics in Latvia - „resident" and „permanent residence" - to the definitions of Regulation (EU) No 1260/2013 of the European Parliament and of the Council of 20 November 2013 on European demographic statistics.	30.09.2015 - submitted to the European Commission an interim report on the progress of the project "Usual residence population definition: Feasibility studies"; 01.10.2015 – prepared micro census; 31.12.2016 – submitted to the European Commission a report on the results of the project "Usual residence population definition: Feasibility studies".	Baiba.Zukula@csb.gov.lv
Pilot studies for developing the Environmental Accounting in the European Statistical System	Eksperimentālie pētījumi vides kontu attīstībai Eiropas Statistikas sistēmā	To extend time series for air emission accounts calculating data on the years 2000-2007.	Obtained data on air emission accounts in 2000 -2007 in NACE Rev. 2 breakdown and time series with comparable data from 20002013.	Andra.Lazdina@csb.gov.lv
Business and Consumer Surveys: Industry survey	Rūpniecības konjunktūras apsekojums	To provide domestic data users and the European Commission with monthly and quarterly data of business and consumer surveys in industry, construction, retail trade and service sectors and with semi-annual business and consumer survey investment data in industry.	Indices obtained in business and consumer surveys (including sector confidence indices and the economics sentiment index) are placed on the CSB homepage in a form of time series, published in a quarterly informative report on the results of business and consumer surveys. Every year 48 monthly and two semi-annual data sets are transmitted to the European Commission.	Ieva.Vanaga@csb.gov.lv
Business and Consumer Surveys: Investment survey	Investīciju konjunktūras apsekojums			Ieva.Vanaga@csb.gov.lv
Business and Consumer Surveys: Construction survey	Būvniecības konjunktūras apsekojums			Ieva.Vanaga@csb.gov.lv
Business and Consumer Surveys: Retail trade survey	Mazumtirdzniecīb as konjunktūras apsekojums			Ieva.Vanaga@csb.gov.lv
Business and Consumer Surveys: Service survey	Pakalpojumu konjunktūras apsekojums			Ieva.Vanaga@csb.gov.lv

GNI inventories	NKI avotu un metožu apraksts	To prepare a methodological description "GNI inventories".	Prepared "GNI inventories" and Process tables. Prepared the methodological description of 2010 data calculations in reply to Eurostat questions and guidelines. Eurostat will use the methodological description to assess the correspondence of Latvia's calculations to the requirements of National Accounts methodology - ESA 2010 and GNI recommendations. The total volume – 615 pages (including 386 tables and 3 figures), and 2 appendices (excel files - Process tables – detailed data and Appendix No.2: forms used by the CSB in English (184 pages))	Intars.Abrazuns@csb.gov.lv
Implementation of SDMX and the Data Structure Definitions (DSDs) in National Accounts according to ESA 2010	SDMX un ar EKS 2010 saistīto datu struktūras definīciju (DSD) ieviešana nacionālajos kontos	To prepare IT procedures that ensure transformation of data of national and regional accounts in SDMX-ML reporting form for transmission to Eurostat and other international statistical institutions.	Experts of macro-economic statistics will have at their disposal a safe and stable software tool, with the help of which national and regional accounts data will be imported into projected database and verified. In this environment, they will be attached to corresponding Data structure definitions DSD and converted to SDMX-ML form for transmission to Eurostat and other international statistical institutions. Solutions will be made to be possibly used in other statistical areas, too, when there are defined similar requirements for data transmission.	Dace.Tomase@csb.gov.lv
Data collection on ICT usage and ecommerce in enterprises 2016 (Action 1)	2016. gada apsekojums par informācijas un komunikāciju tehnoloģiju lietošanu un ekomerciju uzņēmumos	To provide data users with qualitative and internationally comparable statistical data on ICT usage in enterprise and development of ecommerce.	1) 97% of respondents submitted ereports using the CSB internet input system. 2) The response level in 2016 came to 97.5%. 3) Sample methodology was investigated in detail, and as a result of it, this year's survey sample was made optimal (decreased by 10%), retaining the data quality.	Natalja.Kalinina@csb.gov.lv
Data collection on ICT usage in households and by individuals 2016 (Action 2)	2016.gada apsekojums par informācijas un komunikāciju tehnoloģiju lietošanu mājsaimniecībās	To provide Latvian and foreign data users with qualitative and internationally comparable statistical data on ICT usage in households.	Data of this survey are used to analyse possibilities to use computer and internet and to plan the development of economic and social processes. Obtained data characterizing the development of the society. In 2016, was changed the sample methodology and the sample unit, was worked out a personal sample including 11 thsd. persons. In 2016, for the first time was introduced a new survey method - web inquiry. It lasted for 3 weeks, were collected data from 1190 respondents (11%), and in parallel were taken calls consulting respondents and were taken 41 interviews by phone. During Web inquiries reminders were used that gave the highest result in terms of responsiveness (+70%).	Natalja.Kalinina@csb.gov.lv

Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)	Administratīvo datu avotu izmantošanas uzlabošana (ESS.VIP ADMIN WP6 Priekšizzpēte un pielietošana)	Pilot studies on the use of administrative data and CSB survey data to get information on the economic activity of the population in the Population Census 2021.	1) The CSB got information on administrative data sources that have information on the economic activity of the population, evaluated the compliance of administrative data with ILO definitions and made comparisons of administrative data and CSB survey data. 2) The CSB started to work out administrative data processing methodology, prepared a draft activity description for merging all the necessary administrative data in the CSB, started to investigate methodology of determination and processing „pushers", acquired the experience of Statistics Sweden in working out and applying methodology of obtaining economic activity indicators and started to investigate imputation methods. 3) Prepared the final technical report on the results of investigations and the project was presented in seminar organized in the frame of ESS.VIP ADMIN grant and in the Baltic Census Seminar.	Peteris.Vegis@csb.gov.lv
Micro data linking of Structural Business Statistics and other business statistics	Uzņēmējdarbības strukturālās statistikas un citu uzņēmējdarbības statistikas mikrodatu sasaiste	To continue the project "Micro data linking of Structural Business Statistics and other business statistics" activities in linking SBS data with other business statistics data, adding 2013 data, and apply the worked-out micro data linking methodology and make a summary.	1) Were aggregated SBS, Business Register, business demography, external trade of goods and services, ICT usage and e-commerce, FATS statistical data on 2013. 2) Micro data sets were formed and validated on 2013, using the unified standardized syntax for data linking. 3) Verified the formed micro data sets on 2013. 4) Made summary tables on 20082013 in SAS environment using our own created syntax in SAS environment. 5) Prepared and transmitted summary tables on 2008-2013 and the final report to the project coordinator and *Eurostat*.	Olesja.Nikoluskina@csb.gov.lv
Regional business and employer business demography data	Reģionālās uzņēmējdarbības un darba devēju demogrāfijas dati	Calculation of regional business and employer business demography data	Project results: acquired methodology, worked out data processing procedures, software.	Uldis.Pinnis@csb.gov.lv

In the reference year, the work was continued in ESS development strategy *Vision 2020* implementation network projects, e. g., ESS.VIP projects "Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)" and "Further investigation on data validation in animal production statistics in the framework of VIP validation project" and "Pilot studies in the framework of linking IACS and other administrative registers and statistics".

In 2016, were sent three project applications within the framework of ESS *Vision* 2020 – "Improvement of the use of administrative data sources (ESS.VIP ADMIN WP6 Pilot studies and applications)", "Steps towards implementing the definition of statistical units for business statistics and

profiling in the framework of the ESS.VIP ESBRs project (Topic 2)" and "Steps towards implementing the definition of statistical units for business statistics and profiling in the framework of the ESS.VIP ESBRs project (Topic 3 and 4)".

In the reference year, the work on grant projects was conducted in line with project objectives, and in principle, the defined expected results of the project are achieved.

Acting program leader Dana Zariņa

The report was approved by the Project supervision committee in 27 March 2017.