



Annual Report on the Programme “Production of Statistical Information for the New EU Initiatives” for the Year 2018

Within the framework of the programme “Production of Statistical Information for the New EU Initiatives” the Central Statistical Bureau (hereinafter – CSB) develops methods for collecting new indicators and improves the methodology used. In 2018, there was 51 active grant project. Over the year, 23 new projects were launched and final reports on 16 of the realised projects were prepared and sent to Eurostat.

A total of EUR 718 872.22 was absorbed within the framework the programme.

During the reporting year, work was continued on several projects of the ESS development strategy Vision 2020:

“ESS.VIP on administrative data sources”

Objective of the project: To enhance use of administrative data in production of statistics in the CSB, simultaneously ensuring compliance of statistics produced to requirements of European Statistics Code of Practice.

Action 1 of the project: Basing on the framework of administrative data quality elaborated by the CSB (in Excel tables) and pilot projects implemented in social and business statistics areas, assessing individual administrative data:

- ✓ *to implement 2 pilot projects in assessment of quality of administrative data summaries;*
- ✓ *to elaborate quality compliance criteria of administrative data sources, their metadata and indicators which in the future would be included in data exchange agreements of the CSB and administrative data sources;*
- ✓ *to elaborate technical specification for procurement of software to ensure development of electronic administrative data source quality assessment system which is convenient and compatible with other CSB systems.*

Action 2 of the project: To improve integrated altogether Dwelling Register of the CSB consisting of several administrative data sources, to increase volume of information available thereof and its quality, simultaneously making preparation processes of this information effective and standardizing it.

Results of the project:

- ✓ *use of administrative data in production of qualitative statistics in the CSB will be improved and enhanced, i.e., technical specification will be elaborated to ensure procurement so that CSB would implement electronic administrative data source quality assessment system/data base which is convenient and compatible with other CSB systems, where assessment of administrative data sources will be documented, thus acquiring opportunity to create analytical summaries as required at various breakdowns on the quality of administrative data used in production of statistics.*
- ✓ *all new data exchange agreements of the CSB and administrative data sources will include data sources, quality compliance criteria of their metadata and indicators, which in the future will allow improving quality of statistics produced by the CSB;*

- ✓ *New text version of the statistical Dwelling Register will be elaborated in the CSB, which is based on research of administrative data set available in the CSB and identification and integration of data tables suitable for the register, thus supporting formation of statistical samples, readiness for Population and Housing Census 2021, making processes of production of CSB statistics more effective and standardizing them.*

*In the reference year work on project “**Modernization of agricultural statistics**” was started, which consists of three sub-activities:*

action 1: Improvement of methodological processes for implementation of new Integrated farm statistics (IFS);

action 2: Calculation of Gross Nutrient Balance (GNB), according to agreement of European Statistical System (ESS) on the budget of nutrient balance in accordance with the situation of Latvia;

action 3: Workshop on modernization of agricultural statistics.

Objective of the project:

To improve methodological processes of acquiring agricultural statistics to successfully introduce and implement production principles of new integrated statistics on agricultural holdings according to European Union (EU) strategy for agricultural statistics for 2020 and beyond and Regulation (EU) 2018/1091 of the European Parliament and of the Council of 18 July 2018 on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011, as well as to ensure statistics within the framework of ESS agreements, which is needed to monitor related policies, especially Community's agricultural and rural development policies, as well environmental policy and policy focused on climate change adaptation and reduction of consequences thereof, EU land use policy and Sustainable Development Goals (SDGs).

Action 1

Objective – Provision of good basis for Agricultural Census 2020 and annual agricultural surveys, updating of SFR information about holdings no information on which is available in administrative data sources, development of methodology used for evaluation (confirmation) of data on these holdings, evaluation of opportunity to use information regarding labour force in agriculture available in the State Revenue Service to provide data for Agricultural Census and future integrated farm surveys.

The action allowed to acquire information on holdings no information on which is available in administrative data sources, specify number of economically active holdings and work out methodology to evaluate influence of these holdings on agricultural production in Latvia.

Results acquired will be used in implementation of Agricultural Census 2020, according to requirements of the Regulation (EU) 2018/1091 of the European Parliament and of the Council of 18 July 2018 on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011, as well as to produce crop and livestock statistics at national level.

Action 2

Objective of the action – development of sustainable methodology to estimate gross nutrient balances (GNB) in accordance with ESS Agreement on Nutrient Budgets, as until now GNB of almost half of EU countries, including Latvia, were calculated by Eurostat, and new agreement does not provide for that. GNB is among the key indicators characterising agriculture and environment; it covers important information on the use of nutrients – nitrogen and phosphorus – in agricultural production, characterizes sustainable impact of agricultural activities on environment, and is vital to monitor agricultural activities. The tasks to be performed within the activity are: study and evaluation of GNB estimation methodology published in Eurostat/ OECD manual, identification and documentation of data sources, evaluation and documentation of available coefficients, including updating of existing and acquisition of new ones.

It has been expected that the project will allow to estimate GNB on 2018 and 2019 as well as recalculate time series starting from 2000 based on the new coefficients, as well as develop methodology meeting situation in Latvia.

The statistics produced will be used by Eurostat, OECD, European Environment Agency, etc.

Action 3

Objective of the project – Experience exchange on improvement and modernisation of data acquisition methodological processes in agricultural statistics in the EU member states by participating in workshop organized by the Statistics Poland.

*In the reference year work was completed on significant project “**Passenger Mobility and Road Transport Statistics**”.*

Objective of the project was to acquire harmonized statistical data on passenger mobility and passenger mobility indicators in Latvia, which are defined in Eurostat guidelines and technical specification of the project with aim to get harmonized statistical data in the EU.

Within the framework of the project, for the first time in Latvia a survey was conducted during the period from September to December 2017 and covered 11 000 inhabitants of Latvia aged 15–84 selected with the help of random sampling method. The survey covered mobility habits of residents during one day of the week. Response rate of the survey was 61.2 %. According to the requirements of the project and Eurostat manual on passenger mobility, certain variables were collected to calculate passenger mobility indicators. Additionally, according to the requirements of the project, project methodology and results acquired, as well as analysis for data obtained were described.

Press release, data tables were published on the CSB website, press briefing, workshop for data users were organized and results were presented both to special task group of Eurostat, and to Statistical Council.

Results and methodology of the survey were assessed by specially assigned Eurostat experts from IFSTTAR during their visit to the CSB in December 2018, recommendations and suggestions were received for further activity.

Both local and foreign users, for example, Ministry of Environmental Protection and Regional Development of the Republic of Latvia and State Ltd. „Road Transport Administration”, Latvian Mass Media and others have shown their interest on the results of the survey. Data requests were prepared on cities, data use for local users and primary data for analysis in doctoral thesis in university in Switzerland. Data acquired in the survey and user interest about them shows performance of the statistical product and need for continuing carrying out the survey.

Results acquired in the survey will be used at EU level for assessment of sustainable movement (mobility) and development of the respective EU policy, in turn, data acquired in Latvia is significant both to ministries – for assessment and improvement of sectoral policies, to local governments – for planning efficiency and development of services, of which, of infrastructure, to merchants – for planning development, of which, for determination of arrangement of commercial objects, planning transport, etc., as well as to researchers.

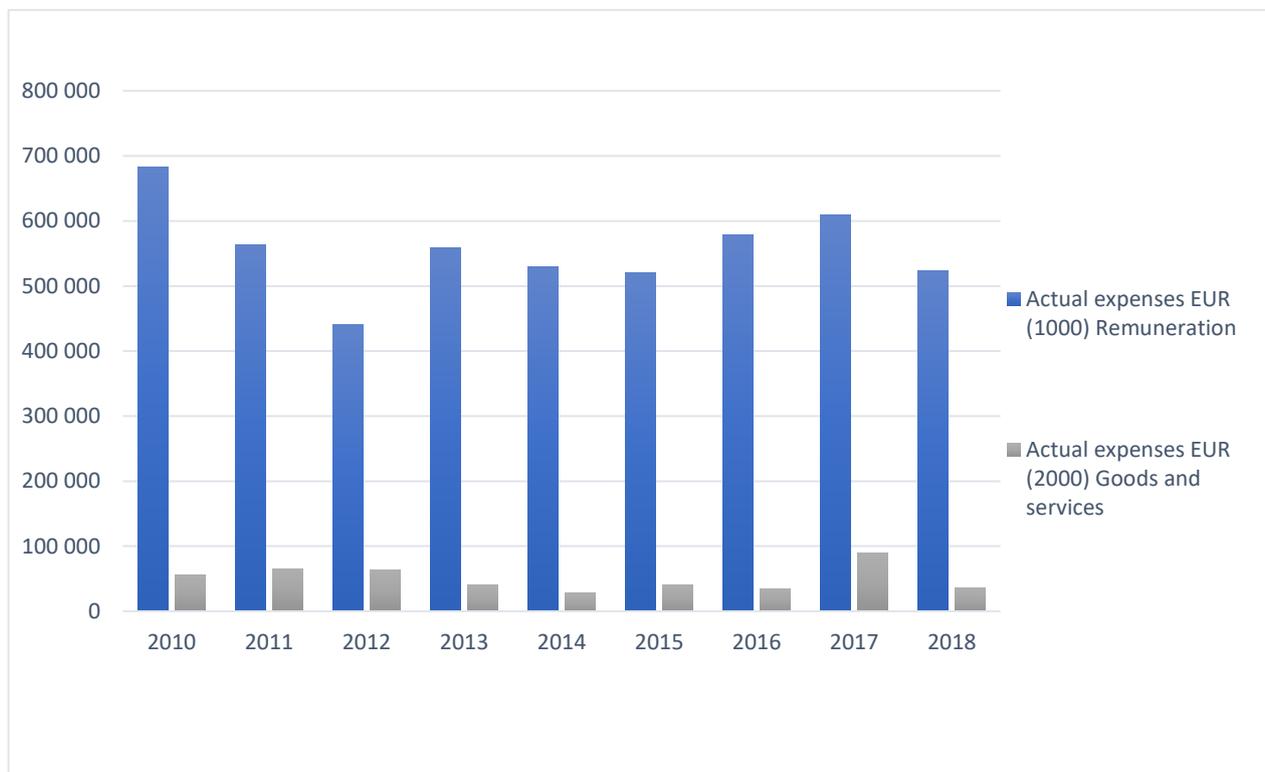
In 2018 (until 31 December), Latvia received payments from Eurostat with the total amount of **EUR 725 669.61**.

In 2018, 41 grant project tender was received from Eurostat – applications were sent for 16 projects, whereas 25 projects were rejected by the CSB.

Expenses

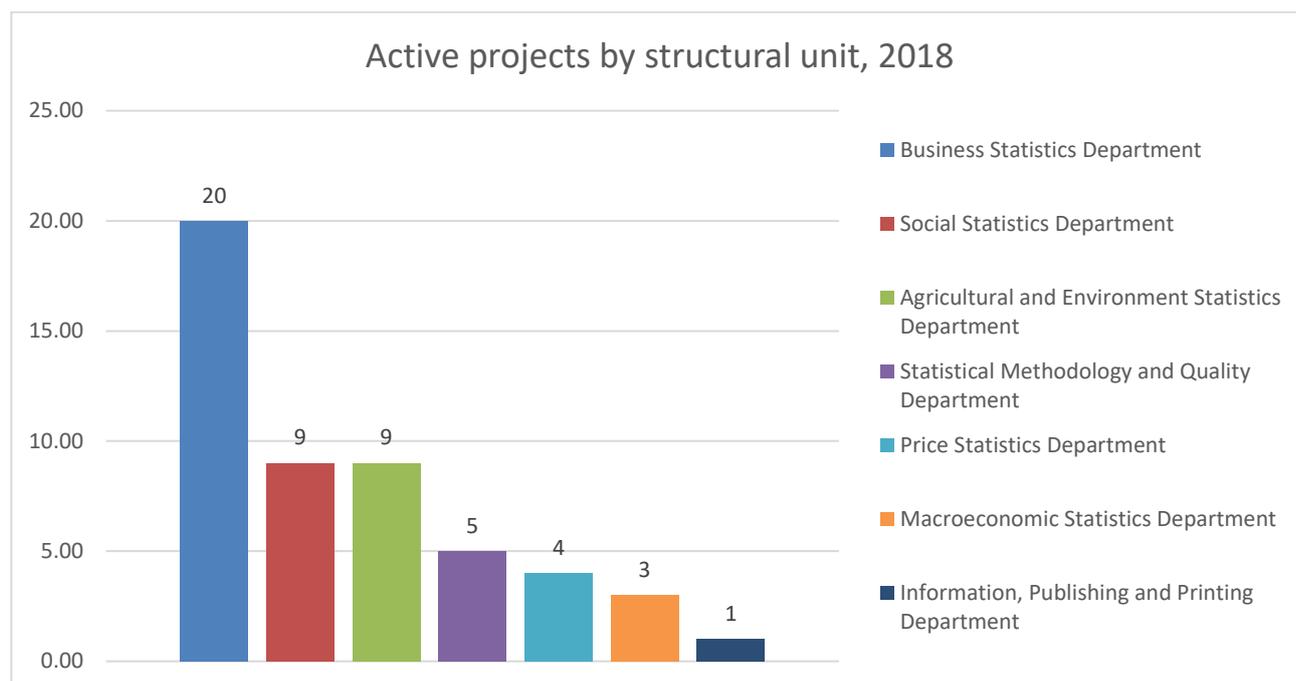
Distribution and disposition of grant project expenses in 2010–2018 (EUR)

Actual expenses by year and expenses classification code



Year	Actual expenses EUR (1000) Remuneration	Actual expenses EUR (2000) Goods and services
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
2017	608 837	89 764
2018	523 418	35 627

Active projects by structural unit, 2018



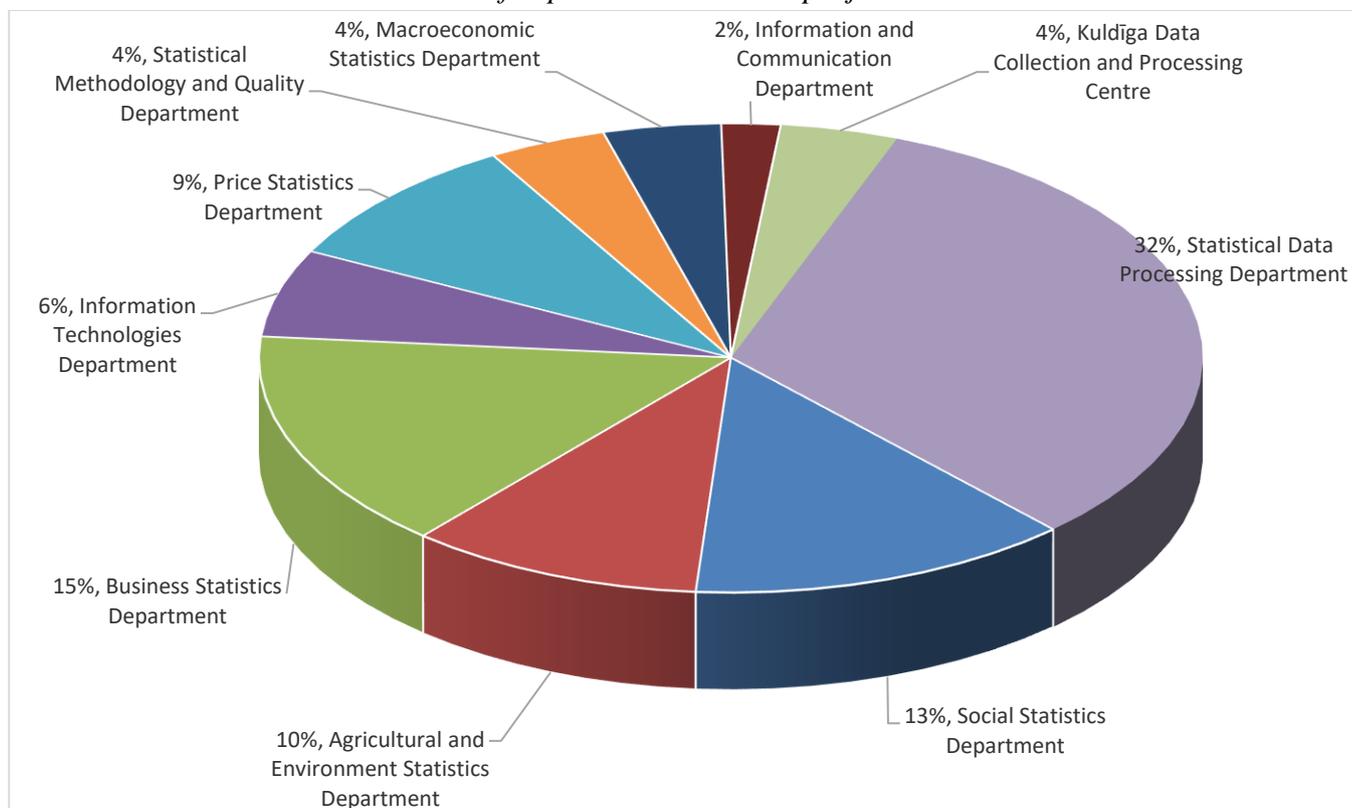
Breakdown of grant projects by years and statistical areas

Statistical area	Number of projects								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Social statistics	11	2	4	5	9	8	10	9	9
Business statistics	9	5	8	7	8	10	9	10	10
Price statistics	3	2	4	7	5	2	4	4	4
Business tendency and territorial statistics	10	10	10	10	10	10	10	10	10
Dissemination of statistical data	2	2	2	2	1	1	3	3	1
IT	1	-	-	-	-	-	-	1	-
Macroeconomic statistics	4	2	1	5	5	5	2	1	3
Regional and urban statistics	1	1	2	2	4	2	1	-	3
Agricultural and environment statistics	3	5	8	7	6	7	6	6	9
Mathematical statistics	-	-	1	1	-	-	2	2	2
Statistical Data Processing Department	x	x	x	x	1	1	-	-	-
Total	44	29	40	46	49	46	47	46	51

Personnel

In 2018, total of 250 CSB employees were involved in grant projects with various workloads – working **57 895** hours in total.

Workload of departments in Grant projects in 2018



Product		Actual time
31101005	Assistance to Eurostat in treating user requests in Latvian	637
G-15.22	Third EU-SILC Network on Income and Living Conditions - NetSILC3	218
G-15.19	Data collection for sub-national statistics (mainly cities)	1 017
G-15.21	Farm Structure Survey 2016	600
G-16.08	Labour Force Survey 2017 ad hoc module on self-employment	803
G-16.07	Preparation for the revision of EU-SILC - Testing of rolling modules in EU-SILC 2017	600
G-16.11	Centre of Excellence on Seasonal Adjustment	84
G-16.09	PPPs data collection 2017-18	4 743
G-16.12	Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)	421
G-16.21	Action 1: Price statistics - methodological and practical improvements and developments	368
G-16.22	Action 2: Real estate indicators	514

G-16.15	Passenger mobility and road traffic statistics	472
G-16.10	Material Flow accounts in Raw Material Equivalents for years 2000-2012	512
G-16.19	Steps towards implementing the definition of statistical units for business statistics and profiling in the framework of the ESS.VIP ESBRS project (Topic 2)	200
G-16.20	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)	390
G-18.01	Business and Consumer Surveys: Industry survey	1 824
G-18.02	Business and Consumer Surveys: Investment survey	328
G-18.03	Business and Consumer Surveys: Construction survey	1 048
G-18.04	Business and Consumer Surveys: Retail trade survey	1 483
G-18.05	Business and Consumer Surveys: Service survey	1 848
G-17.01	Business and Consumer Surveys: Industry survey	1 199
G-17.02	Business and Consumer Surveys: Investment survey	384
G-17.03	Business and Consumer Surveys: Construction survey	798
G-17.04	Business and Consumer Surveys: Retail trade survey	992
G-17.05	Business and Consumer Surveys: Service survey	1 324
G-17.06	International Sourcing Survey	1 591
G-17.07	Progress towards full implementation of the ESA 2010 and its transmission programme for National Accounts, development and implementation of quality framework for National Accounts data Improvement of national accounts data and metadata	1 553
G-17.08	Labour Force Survey 2018 ad hoc module on reconciliation between work and family life	1 641
G-17.11	Territorial statistics 2017-2018	520
G-17.10	Area B: Indicators/modules of innovation survey 2018	452
G-17.09	Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)	1 562
G-17.15	Detailed breakdown of final energy consumption in industry	936
G-17.12	Extension of time-series of monetary environmental accounts	2 360
G-17.13	Interoperability pilot surveys - activities for formation of European System of Interoperable Business Registers	747
G-17.16	Data collection on ICT usage and e-commerce in enterprises 2018	3 629
G-17.17	Data collection on ICT usage in households and by individuals 2018	8 586
G-17.14	Testing and Piloting Survey on Gender-Based Violence	4 143
G-17.18	ESSPROS data collection development	2 462
G-17.19	Formation of statistical system for calculation of crop balance data on main cereal and oilseeds according to EU harmonized methodology	532
G-18.06	Labour Force Survey 2019 ad hoc module on work organisation and working time arrangements	1 114
G-18.07	ESS.VIP on administrative data sources	817

G-18.08	Selection for European Health Interview Survey	126
G-18.09	PPPs data collection 2019	116
G-18.11	Implementation of modified and modernized "Intrastat" system	464
G-18.12	New data sources and methods in tourism statistics	90
G-18.13	Provision of new trade and services statistics indicators and improvement of short-term statistics quality	178
G-18.16	Data collection on ICT usage and e-commerce in enterprises 2019	280
G-18.17	Data collection on ICT usage in households and by individuals 2019	301
G-17.20.1	Action 1: Improvement of methodological processes for implementation of new Integrated farm statistics (IFS)	544
G-17.20.2	Action 2: Calculation of Gross Nutrient Balance (GNB), according to agreement of ESS on the budget of nutrient balance in accordance with the situation of Latvia	216
G-18.18.1	Description of sources and methods of annual sector accounts	48
G-18.18.3	Description of sources and methods of quarterly national accounts	80

Results achieved in grant projects completed in 2018

Project	Objective of the project	Results	Contact persons/Project managers
Data collection for sub-national statistics (mainly cities)	Objective of the project: 1. To acquire statistics on administrative territories or spatial areas needed for the EC; 2. To carry out survey on the quality of life in cities under state jurisdiction; 3. To enhance use of territorial statistics.	In the result of the project: 1. Statistics on administrative territories or spatial areas needed for the EC was acquired; 2. Results of the survey on quality of life were published and sent to Eurostat; 3. Territorial statistics indicators were published on the website and conference of statistics users was organized (2017/2018).	G-15.19 Uldis Ainārs Uldis.Ainars@csb.gov.lv
Merging statistics and geospatial information in Member States	Objective of the project was – to geocode Population Census 2000 datasets on population, employment and housing conditions.	In the result of the project: 1) Population Census 2000 dataset was georeferenced 2) Research dataset was elaborated, which is used, for example, by University of Latvia 3) data was published on the website of CSB - http://data.csb.gov.lv/pxweb/lv/Sociala/Sociala_ikgad_iedz_riga/?tablelist=true - Geospatial statistics - Open Data portal https://data.gov.lv/dati/lv/organization/csb	G-15.20 Uldis Ainārs Uldis.Ainars@csb.gov.lv
Farm Structure Survey 2016	Objective of the project: To acquire information on Farm Structure Survey 2016, according to Regulation (EC) No 1166/2008 of the European Parliament and of the Council of 19 November 2008 on farm structure surveys and the survey on agricultural production methods and repealing Council Regulation (EEC) No 571/88 and Commission Regulation (EU) No 715/2014 of 26 June 2014 amending Annex III to Regulation (EC) No 1166/2008 of the European Parliament and of the Council on farm structure surveys and the survey on agricultural production methods, as regards the list of characteristics to be collected in the farm structure survey 2016.	In the result of Farm Structure Survey, information on situation in agriculture of Latvia was acquired, which will be used for data analysis both within the framework of Latvia, and for planning and implementing Common Agricultural Policy of the European Union. Results of the Farm Structure Survey 2016 are published on the CSB website. Individual massive data array and national methodological report was sent to the Statistical Office of the European Union in term set. The results acquired are used in planning Common Agricultural Policy, assessment of support for agricultural development and determination of supported areas.	G-15.21 Ilze Januška Ilze.Januska@csb.gov.lv
Preparation for the revision of EU-SILC - Testing of rolling modules in EU-SILC 2017	Objective of the project – within the framework of EU-SILC 2017 to carry out experimental data collection of modules “Over-indebtedness” and “Consumption and wealth” with an aim to improve methodology of respective indicators, so that with the entry into force of new EU-SILC design (indicatively from 2019) to fully create methodology of indicators of the above mentioned modules.	Within the framework of the project “Preparation for the revision of EU-SILC – Testing of rolling modules in EU-SILC 2017” two modules were tested (“Over-indebtedness” and “Consumption and wealth”). Micro-data and Quality report prepared were sent to Eurostat. Objective of the grant project is reached, because CSB and Eurostat acquired useful information on the quality and efficiency of data of these modules, which gave opportunity to improve methodology of modules mentioned. Already in 2020 new rolling module about four various subjects will be added to EU-SILC survey: 1) over-indebtedness, 2) consumption, 3) wealth and 4) employment. It means that in Latvia's case majority of variables of this module (over-indebtedness, consumption, welfare or wealth) were	G-16.07 Viktors Veretjanovs Viktors.Veretjanovs@csb.gov.lv

		already collected within the framework of grant project in 2017, and it gives opportunity to prepare for the collection of the data mentioned better.	
Labour Force Survey 2017 ad hoc module on self-employment	Objective of the Labour Force Survey 2017 ad hoc module on self-employment is to acquire additional information on self-employment by finding out number of economically dependent self-employed persons, work conditions of self-employed persons and main reasons for becoming self-employed, as well as to compare satisfaction with their job of self-employed and employed persons.	In the result of the project for the first time internationally comparable additional information on self-employment was acquired. Negative aspects – comparably small number of self-employed persons in Latvia will restrict detailed data analysis, however, to extent possible the results will be published in annual Labour Force Survey publication and in Eurostat website database.	G-16.08 Zane Pallo-Mangale Zane.Pallo-Mangale@csb.gov.lv
Material Flow accounts in Raw Material Equivalents for years 2000-2012	Objective of the project is to calculate Material Flow indicators in Raw Material Equivalents for yeyars 2000-2012.	The existing Material Flow accounts were supplemented with the data on imports and exports in raw material equivalents for years 2000-2012, as well as new indicators will be calculated – consumption of materials in raw materials equivalents and inflow of materials in raw materials equivalents.	G-16.10 Andra Lazdiņa Andra.Lazdina@csb.gov.lv
Improvement of the use of administrative sources (ESS.VIP ADMIN WP6 Pilot studies and applications)	Objective of the project is to examine availability of Population and Housing Census indicators on population by highest level of educational attainment.	Results of the project: 1) Opportunities of using results of administrative data sources and Population and Housing Census 2011 for determination of highest level of educational attainment for Population and Housing Census 2021 were examined; 2) Suggestions for possible recoding of Population and Housing Census 2011 data to new ISCED 2011, data linking SSDN, use of methods for assessment and/or imputation of the missing data were elaborated; 3) Final technical report on examination results was prepared and the project was presented in workshop on Population and Housing Census in the Baltics and Eurostat. Bilateral agreements with several administrative data holders were concluded in 2017 on handing over data on education to the CSB. Also opportunities of use of CSB sample survey data on the highest level of educational attainment were examined. These data were compiled, missing data were imputed, and data array was placed in SSDN. Data from the accruing database on education were partially used as preprint in regular sample surveys of the CSB. Mapping table for transition from ISCED 1997 to ISCED 2011 was prepared.	G-16.12 Pēteris Veģis Peteris.Vegis@csb.gov.lv
Passenger mobility and road traffic statistics	Objective of the project is to elaborate harmonized statistical data on passenger mobility and passenger mobility indicators in Latvia, which are defined in Eurostat guidelines and technical specification of the project with aim to get harmonized statistical data in the EU.	Results of the project: 1) Sample survey was carried out in all Latvia on one day in respondent's life and his/her movement habits. 2) Indicators were calculated on passenger mobility, according to recommendations of Eurostat manual on passenger mobility statistics. 3) Analytical report was prepared on mobility of Latvian population and recommendations for improvement of methodology.	G-16.15 Dita Zemīte Dita.Zemite@csb.gov.lv

<p>Steps towards implementing the definition of statistical units for business statistics and profiling in the framework of the ESS.VIP ESBRS project (Topic 2)</p>	<p>Objective of activity 2 was to carry out analysis between profiling of Latvia and Europe, ensuring determination of statistical units of Latvia, and to invest into development of further national and European profiling of European System of Interoperable Statistical Business Registers (ESBRs) business architecture work group.</p>	<p>In the result of the implementation of the project: 1. interim report was prepared on analysis carried out between profiling of Latvia and Europe with suggestions to ESBRS business architecture work group. 2. overall report with description on connection between national and European profiling, on benefits, on determination of enterprises and their integration process into national Statistics Business Register will be prepared. 3. in February 2018 methodological report with information compiled work progress, results, problems emerged, benefits, as well as problems, which need to be analysed in detail in the future, was sent.</p>	<p>G-16.19 Sarmīte Prole Sarmite.Prole@csb.gov.lv</p>
<p>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)</p>	<p>Objective of activity 3 was to find better ways for use of interactive module of European Group Register (EGR), as well as to determine and improve process for ensuring efficiency, taking into account possible cooperation among statistical institutions of the EU member states. Objective of activity 4 was to ensure quality indicators for EGR 2015 set, to determine quality of the process – data of EGR input and output.</p>	<p>Action 3 results: 1. report on quantitative results of EGR on-line validated data was prepared – for enterprise groups, legal units and their links. 2. report on the use of EGR IM was prepared, of which including recommendations on the future development and improvements needed. 3. report with filled in questionnaire with recommendations on duties and responsibility of Statistical Institutions of the European Union was prepared using interactive model EGR. Action 4 results: 1. interim report on 15 quality indicators on EGR input data was prepared. 2. methodological report on 8 quality indicators on EGR output data was prepared. 3. quality assessment of EGR data set was carried out, as well as criteria were elaborated, which ensure carrying out assessment of comparability of EGR and foreign affiliate trade statistics (FATS).</p>	<p>G-16.20 Sarmīte Prole Sarmite.Prole@csb.gov.lv</p>
<p>Action 1: Price statistics – methodological and practical improvements and developments</p>	<p>Objective of the project – examination of data compilation applications available on the Internet and elaboration of corresponding test programme for automatic collection of prices.</p>	<p>Description of results achieved: - within the framework of the project good practice of other countries regarding automatic data collection on the Internet; - separate data collection tools were assessed and pros and cons of elaboration or application of such tools; - as the most appropriate variant for initial research of acquisition of such data, it was decided on the elaboration of such data collection application using internal resources of the CSB; - in cooperation with IT section of the CSB test application for data acquisition, their initial validation and maintenance was developed; - within the framework of the project data collection was initiated for separate goods and services groups for further in-depth analysis of data acquired and assessment of opportunities of their use; - during the project interim report on the progress reached in work group in Luxembourg was provided, as well as final report of Eurostat grant project was prepared and submitted.</p>	<p>G-16.21 Dāvis Liberts Davis.Liberts@csb.gov.lv</p>
<p>Action 2: Real estate indicators</p>	<p>Rise of level of detail of House Price Index; elaboration of Quarterly House Sales Index.</p>	<p>Within the framework of grant project “Real estate indicators” for rise of level of detail of House Price Index and elaboration of House Sales Index, State Land Service data, Eurostat methodological indications, coverage</p>	<p>G-16.22 Natalja Dubkova Natalja.Dubkova@csb.gov.lv</p>

		<p>were explored, historical quarterly data were calculated and their quality was assessed.</p> <p>What concerns House Price Index, in addition to the already published breakdowns, 4 additional indicators were elaborated, which might be published in the future.</p> <p>Until now House Sales Index was not compiled and was elaborated within the framework of the Grant project.</p> <p>At the moment there are two breakdowns, which might be published in the future.</p> <p>For the time being there are unsolved methodological issues, which might affect the results, but which are to be solved at the level of Eurostat.</p> <p>To carry out calculations softwares Access and SPSS were examined. SPSS software was selected as it allowed processing and calculation of the data needed.</p> <p>All experimental indicators, according to Grant requirements, were sent to Eurostat.</p>	
Business and Consumer Surveys: Industry; Investment; Construction; Retail trade; Service survey	Objective of the project – To ensure domestic users and the European Commission with monthly and quarterly confidence indicators in industry, construction, retail trade and services sectors, as well as with half-year investment confidence indicators in industry.	In the result of the project – Indicators acquired in confidence surveys (of which confidence indicators of sectors and economic sentiment indicator) are placed in database of the CSB website as time-series, published in quarterly informative leaflet on the results of confidence surveys. European Commission is sent data files with 48 monthly and 2 half-year results annually.	G-17.01-17.05 Madara Liepiņa Madara.Liepina@csb.gov.lv Ieva Vanaga Ieva.Vanaga@csb.gov.lv

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

Programme Leader

Dace Kravale

Project Coordinator

Dana Zariņa

The report has been approved by the Project Supervision Committee