



Central Statistical Bureau of Latvia

# annual report 2020







**annual report**  
**2020**



## Foreword



Photo by K. Kalns, Dienas mediji

### Dear reader,

This has been a dynamic year full of changes. Due to spread of Covid-19 pandemic, the rapidly changing environment and world events have proven continuous need for the new data and indicators. By reacting to user needs and providing current statistical information needed we are increasingly orienting to the development of partnership with data providers, data owners and data users.

During a year we have been flexible, have changed work and technological processes in ensuring production of statistics: remote work opportunities for employees were introduced, face-to-face interviews were replaced by telephone interviews, new and experimental data were elaborated, data collection and information processing systems were improved, new administrative data sources and opportunities to use them for statistical needs were identified, additionally various options were considered in reducing respondent burden.

Globalisation of economic processes, data revolution, development of information technologies is challenging statistical institutions. As new data requests are developing more actively, a balance should be found among needs of data users, burden on data providers and performance of statistical institution. We have set out priorities and determined goals in the strategy of Central Statistical Bureau activity for 2020–2022 for further development of activity of the institution.

Within the framework of initiative "Consult first" for awarding the most responsive institutions towards businesses organized by the Ministry of Economics we received an award "Entrepreneurs' Choice 2020". The Statistical Bureau is participating in this initiative already for the third year and is proud of the high assessment, which is received for the second time during the implementation of initiative "Consult first". During this tough time good partnership between data providers and data producers is of high importance. The Statistical Bureau is investing in activities on a regular basis to make this partnership easier, more open and better to understand. The award received is a proof that we are working in the right direction.

I express my gratitude to respondents, cooperation partners and our collective for creativity in reaching goals during this challenging period.

01.01.2021. is the date when we are beginning Population and Housing Census in Latvia. For the first time Population and Housing Census will be carried out using only administrative data sources, which is a huge step and goal in the future for many countries.

See you in a Population and Housing Census year!

A handwritten signature in blue ink, reading "A. Žigure". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Aija Žigure  
President  
of the Central Statistical Bureau of Latvia



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# CONTENTS, ABBREVIATIONS, MISSION

## Abbreviations



<b>ADC</b>	Agricultural Data Centre
<b>CCI</b>	Construction cost index
<b>CSB</b>	Central Statistical Bureau
<b>CSDD</b>	Road Traffic Safety Directorate
<b>EBS</b>	Regulation of the European Parliament and of the Council on
<b>regulation</b>	European business statistics
<b>ECB</b>	European Central Bank
<b>EDV</b>	Electronic Data Collection System
<b>EM</b>	Ministry of Economics
<b>ERDF</b>	European Regional Development Fund
<b>ESS</b>	European Statistical System
<b>ESTP</b>	European Statistical Training Programme
<b>EU</b>	European Union
<b>Eurostat</b>	Statistical office of the European Union
<b>EU SILC</b>	Survey European Union Statistics on Income and Living Conditions
<b>GDP</b>	Gross Domestic Product
<b>GNI</b>	Gross National Income
<b>HICP</b>	Harmonised index of consumer prices
<b>LRATC</b>	Latvian Rural Advisory and Training Centre
<b>LU</b>	University of Latvia
<b>MEPRD</b>	Ministry of Environmental Protection and Regional Development
<b>MK</b>	Cabinet of Ministers
<b>NHS</b>	National Health Services
<b>OCMA</b>	Office of Citizenship and Migration Affairs
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>ONAs</b>	Statistical institutions providing Official European Statistics
<b>OSP</b>	Official statistics portal
<b>PRODCOM</b>	Classification of industrial products
<b>RSS</b>	Rural Support Service
<b>SLS</b>	State Land Service
<b>SRDA</b>	State Regional Development Agency
<b>SSIA</b>	State Social Insurance Agency
<b>UN</b>	United Nations
<b>UNECE</b>	United Nations Economic Commission for Europe

# Vision, mission, values and activities

## Aim

The main aim of the CSB in line with internationally recognised principles is to provide users of statistical information with independent and high-quality official statistics, as well as to implement reporting line on other statistical institutions in the field of production of official statistics.

## Mission

Preparation of reliable statistical data for studying the socio-economic processes of the society and for making future decisions.

## Vision

A modern statistical institution that is a leader in the use of innovative methods in the provision of statistics in the country.

## Strategic overarching goal of the CSB

To provide up-to-date statistical information by developing partnerships in the use of new data sources and methods in the production of statistics during the strategy period.

## Values

CSB bases its activity on the following values



independence



professionalism



openness

## Activities

In its activity the CSB develops partnership by integrating new data sources in provision of statistics, extends and improves opportunities for publishing and using statistical data that corresponds to the needs of data users, develops the technology and staff performance of the institution, ensures coordination of national official statistics system.

CSB KEY  
PRIORITIES  
AND PERFORMANCE  
INDICATORS  
IN 2020





## CSB key priorities and performance indicators in 2020

In 2020, main activities of the CSB are related to implementation of strategical aim, priorities confirmed and tasks to be done by providing users of statistical information with independent and high-quality official statistics.

Key CSB activities in reference period:

- *Official Statistics Programme 2020* within the framework of CSB competence was ensured;
- comprehensive study of data user needs and accordingly-oriented production and dissemination of statistics was carried out, active informative support was provided for analysts of societal processes and research sector;
- statistics was timely produced and disseminated according to data user needs. Statistical indicators in databases were published and additionally contents of databases was migrated to Official statistics portal;
- CSB activity strategy for 2020–2022 was elaborated and confirmed;
- implementation of activities plan for preparation of Population and Housing Census was ensured;
- data acquisition for Agricultural Census 2020 was ensured;
- monitoring of graduates in higher education institutions and colleges was prepared;
- activities for improvement of quality of publicly available information were introduced ensuring and maintaining feedback with entrepreneurs, main users of indicators of national accounts system and other users of official statistics;
- development projects on improvement of statistics methodology, acquisition, processing, analysis and dissemination of statistics data were implemented;
- within the framework of ERDF projects (2014–2020) activities for development of Official statistics portal were implemented, Single Platform for publishing official statistics was prepared and made available for users;
- significant revision was made in national accounts data by integrating new data sources, as well as by carrying out improvement of methodology;
- modernisation of calculation process of Consumer Price Index was carried out;
- innovative statistical products were elaborated: statistical data visualization and cartographic display tools, geospatial statistics display tools, geospatial statistics;

## CSB key priorities and performance indicators in 2020

- equipment that meets the needs of the infrastructure was implemented and cooperation processes were improved to ensure continuity of CSB activity during Covid-19 pandemic.

### CSB operating results

Performance indicator	2019 actual	2020	
		Planned	Actual
Statistical indicators published in on-line database (million indicators)	1 637	1 525	1 535
<i>Official Statistics Programme</i> for mid-term developed and implemented (number)	1	1	1
Level of compliance to European Statistics Code of Practice reached by national institutions producing European statistics (level of compliance as %)	90	90	91
Innovative statistical products, specific target-oriented innovative solutions for publication of statistics, geospatial statistics produced (number)	1	1	1
Statistical data acquisition, processing, analysis, and dissemination development projects implemented, final reports on the implemented projects drawn up (number)	16	19	20
Activities in education of data users and popularisation of statistics implemented (number)	4	4	6
Interactive data visualisations used in dissemination of CSB data (number)	4	10	174
E-reporting (share of reports submitted to EDC system, per cent)	93	93	93
Methodology elaborated and experimental statistics published (statistics indicators published)	5	3	5
Within the framework of data storage data from external data providers/users integrated (number)	63	63	63
Monitoring of graduates in higher education institutions prepared (persons)	15 000	30 000	30 000



# STATISTICAL DIMENSIONS

## Statistical dimensions

### Coordination of system for provision of official statistics in the country

During the reference period all OSP works for 2020 that were within the scope of CSB were carried out. OSP project for 2021–2023 was timely prepared and submitted to the State Chancellery and on 24 November 2020 it was approved by the Cabinet of Ministers.

Function of leading institution in the system providing official statistics was implemented: Statistical Council is operating, topicality of the list with Latvian statistical institutions providing Official European Statistics (ONAs) were monitored, as well as activities to enhance implementation of requirements of European Statistics Code of Practice (Code of Practice) into ONAs were carried out. The value of the ONAs compliance level planned in the CSB Strategy 2017 (85 % in 2020) was exceeded by 6 percentage points. Continuing work with statistical institutions providing national and international official statistics, the level of overall quality requirements for compliance of institutions was reached – 86 %.

### Provision of statistics

Agricultural Census is carried out simultaneously in all EU countries once in 10 years. Data collection stage of **Agricultural Census 2020** has concluded; within its framework information on 63 thousand farms or 99 % of the total number was acquired. 23.2 % of respondents submitted data on Agricultural Census 2020 electronically (in 2010 only 1 %), but from others information was acquired using face-to-face method. After the state of emergency due to Covid-19 was declared in the country data collection and information processes were adjusted – instead of conferences, seminars and meetings planned the CSB prepared informative aid materials in videos for interviewers and respondents to ensure correct completion of forms, as well as prepared information for media on the progress of Agricultural Census 2020. At the first data collection stage (April–July) respondents provided data in Electronic Data Collection System and called to toll-free number, but at the second data collection stage (September–December), in addition to first stage method, telephone interviews of farms were started by the CSB interviewers and LRATC specialists. In Agricultural Census 2020, 184 indicators (288 indicators) or 64 % were obtained from administrative data sources, which is 4.5 times more than in Agricultural Census 2010 when 40 indicators were obtained from administrative data. In provision of information for Agricultural Census 2020, data from EU Direct Payments Database of RSS Integrated Administration and Control System, ADC Animal Register, Organic Farming Statistics Information System and Housing facilities infrastructure and manure storage register was used. Final results of the Agricultural Census 2020 will be available after the data will be processed and quality control will be carried out on 31 March 2022.





## Statistical dimensions

**Preparation work for Population and Housing Census 2021** was completed – methodology was elaborated for Population and Housing Census 2021, elaboration and testing of methodology for calculations and algorithms of all indicators was completed, work on elaboration of tables of indicators to be published was started. Additional detailed administrative data was received from SSIA, CSDD and NHS, their quality was assessed, preparation of estimation of the number of population was ensured, work on the elaboration of improved method for estimation of the number of population was started. Similarly to the existing method also the new method will be based on the data of OCMA Population Register and other administrative registers, carrying out the estimation with mathematical methods. In the remote meeting with prof. Li-Chun Zhang, prof. Danny Pfefferman and representative of the Israel Statistics Ahmad Hleihel possible directions in elaboration of methods for estimation of the number of population in Latvia were discussed. An agreement was concluded and cooperation was started with one of the leading experts prof. Li-Chun Zhang on elaboration of methods for estimation of the number of population. Assessment of first results of model-based clustering method was started. Information on the progress of preparation work for Population and Housing Census is described in the report submitted to the Cabinet of Ministers “On implementation of measures provided for under the action plan for designing and organisation of Population and Housing Census 2021”.

For data quality development purposes:

- in September 2020 a significant revision was carried out in national accounts: by preparing and integrating supply-use tables; by including the assessment of increase of growing timber stand; solving issues related to improvement of calculation methodology of financial companies of institutional sector; elaboration and introduction of new methodology to improve the quality of assessment of second-hand cars purchased by households both for final consumption by household and for imports, etc.
- work on development of initial data analysis mechanism of structural business statistics was continued for data inclusion in quarterly GDP data calculation T+2 months (publishing last quarter of the year and total of quarters), thus reducing differences in GDP estimates between quarterly calculations and calculation from annual data sources. Calculation of quarterly value added of insurers was improved: activity of foreign branches was excluded from the calculation of value added of local insurers and data on the activity of member state branches in Latvia was added. Receipt of information on various agricultural indicators and price indices of business services for the need of GDP flash estimate was harmonized. Results of GDP flash estimate were published 1 day before Eurostat press release. Latvia is one of those EU member states which calculates and publishes GDP flash

## Statistical dimensions

estimates T+30 and one of the rare ones who does that a day before Eurostat publication. This schedule will be also followed in the future.

- During 2020 active work on assessment of construction models involved in the calculation of CCI was continued. At the beginning of the year the renewed unified construction model "Bridge" was received, which is integrated into the calculation of CCI weights 2020 and calculation of CCI starting with the data of January 2020. At the end of the year the renewed unified construction models "Maintenance of a private house" and "Maintenance of an apartment house" were received.
- In 2020 work on the improvement of data quality was continued in respect to the assessment of accrued pension liabilities in social insurance. Indicators for 2015–2018 were specified by revising input data, assumptions in the model of accrued pension liabilities and methodology of calculation of separate indicators. Calculation of value added of private pension funds has been improved. Consent of the developer of assessment model of accrued pension liabilities was received to carry out update of the model in 2021.
- As a leading and coordinating statistical institution in Latvia the CSB participated in Peer Review or preparation activities of methodological documents of the 3rd stage detailed expertise carried out by the Eurostat for assessment of compliance of statistical institutions and national statistical systems with EU Code of Practice, providing detailed suggestions and improvements in elaboration of documentation.
- Taking into account the state of emergency declared in the country to restrict the spread of Covid-19, as of 13.03.2020. the CSB terminated face-to-face interviews of population at their place of residence. As the CSB already had practical experience in carrying out telephone interviews, face-to-face interviews were replaced by telephone interviews. In spite of restrictions imposed, volume of data relevant to data quality conditions was collected in individual and household surveys, as well as publication of survey data was ensured within the terms set.

"Connecting the world with data we can trust" – theme of the World Statistics Day 2020, which emphasizes the importance of trust in qualitative data and cooperation while in search of innovative solutions for taking decisions.

Experts of statistical areas have maintained active communication with data owners and data users with a purpose to balance opportunities of data owners with wishes of data users to prepare topical and qualitative statistical information, as well as in cooperation with professionals to enhance revitalization of acquisition, processing and dissemination solutions of innovative data into statistics provision processes.



**PASAULES  
STATISTIKAS  
DIENA**  
20.10.2020  
VIENOT  
PASAULI AR  
TICAMIEM  
DATIEM

## Statistical dimensions

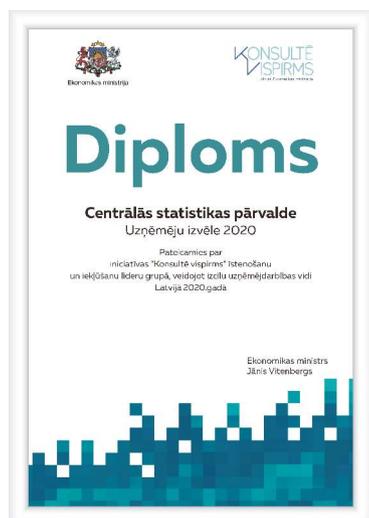


In 2020, the CSB provided 30 thousand or one fourth of all economically active enterprises in Latvia with various indicators. In total about 370 000 statistical reports were submitted from enterprises, central and local governments, self-employed and peasant farms. Already since 2015 each year the CSB expresses its special gratitude to some of the respondents for excellent cooperation in provision of qualitative statistical data. In 2020 the award was received by SIA "Tolmets".

Within the framework of initiative "Consult first" for awarding the most responsive institutions to businesses organized by the Ministry of Economics the CSB received an award "Entrepreneurs' Choice 2020".

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*"The Statistical Bureau is participating in this initiative already for the third year and is proud of the high assessment, which is received for the second time during the implementation of initiative "Consult first". During this tough time good partnership between data providers and data producers is of high importance. The Statistical Bureau is investing in activities on a regular basis, which makes this partnership easier, more open and better to understand. The award received is a proof that this work is moving in the right direction,"* after the nomination announcement said Aija Žigure, President of the CSB. She also indicated that during this challenging time data are of most importance even though enterprises have many other challenges to deal with, therefore in particular the CSB values responsiveness of entrepreneurs.



As it is indicated by the Ministry of Economics, the entrepreneurs surveyed in particular appreciates neutrality of employees in decision taking, timely reminders on deadlines and requirements for the implementation of regulatory enactments, as well as application of "tolerance" during the implementation of new regulations. which is received for the second time during the implementation of initiative "Consult first". During this tough time good partnership between data providers and data producers is of high importance. The Statistical Bureau is investing in activities on a regular basis, which makes this partnership easier, more open and better to understand. The award received is a proof that this work is moving in the right direction," after the nomination announcement said Aija Žigure, President of the CSB. She also indicated that during this challenging time data are of most importance even though enterprises have many other challenges to deal with, therefore in particular the CSB values responsiveness of entrepreneurs.

## Statistical dimensions

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### Development of statistical data availability

*"One can get lost in the forest and also – in data, therefore we take care that the data needed is like a compass for everyone who needs them – starting with the pupil to the researcher. Data visualisations, research data sets, geospatial statistics, metadata – this is all what we provide data users with,"* said Uldis Ainārs, Director of the Information and Communication Department of the CSB.

In the Baltic Geospatial Information Technology Conference the CSB representative presented calculation methodology of densely populated areas, which was elaborated to allow analysis of the actual location of population in the territory of Latvia – in densely populated areas, which are alternative for the existing administrative territories and territorial units (cities and villages).

On 24 September in a seminar in LU House of Nature on territorial statistics and its use opportunities **data analysis tool of economic activity of territories** [tea.csb.gov.lv](https://www.csb.gov.lv), which allows to assess movement of population and value added generated by enterprises and people in different territories, was demonstrated for the first time. With its help economic indicators can be analysed by the place of residence of work of population, as well as geospatial location of place of work of population living in the territory and economic activities taking place in the territory – to find out key sectors where enterprises of the certain territory or population living in the territory are engaged in.

50 representatives from various cities, Latvian Association of Local and Regional Governments, Ministry of Economics, MEPRD, SRDA, LU, Latvijas Banka, "Jāņa sēta Map Publishers", as well as from the CSB participated in the seminar. The seminar was held by Juris Paiders, professor of the University of Latvia and commentator of the portal nra.lv. Live streaming over the Internet was ensured at <https://www.csb.gov.lv/en/statistics/statistics-by-theme/population/territorial-statistics/geospatial-statistics-and-its-potential>.

Innovative statistical product was prepared by the CSB – **monitoring of graduates in higher education institutions and colleges**. For the first time summary data of monitoring of higher education institution graduates 2017 on their activity and employment as it was at the end of 2018 and income of these graduates in 2018 was prepared and submitted to the Ministry of Education and Science. In December 2020, already for the second time, data on higher



Uldis Ainārs, Director of the Information and Communication Department of the CSB



## Statistical dimensions

education institution graduates 2017 were prepared – activity and employment at the end of 2019 and income in 2019, as well as on the activity and employment and income of higher education institution and for the first time – of college graduates 2018 as it was in 2019.

By providing informative support due to the state of emergency because of Covid-19, **topical statistical data were prepared**. To allow data users to access data on subjects related to Covid-19 fast and easy, a separate section was elaborated, for which releases and additional data are prepared: “116 thousand inhabitants of Latvia have a long-standing illness of the respiratory system”, “Economic activities the most affected by COVID-19”, “Population left without material assistance”, “Employees working remotely”, monthly data “Unemployment rate”, “Household savings at the beginning of 2020”, “Number of registered marriages in Latvia (January-September)”, “Covid-19 impact on creative industries”.

With the beginning of state of emergency, issue on **assessment of its impact on sectors of national economy** became topical. To ensure as fast as possible information on the general situation in sectors, the CSB started publishing regular press releases on business confidence indicators in industry, construction, retail trade and services sector. Data are acquired by carrying out monthly Business Surveys in accordance with the methodology of Joint Harmonised EU Programme of Business and Consumer Surveys, using co-financing of the European Commission. In addition to the survey programme, for several months in a row, entrepreneurs were asked on factors restricting their activity, of which impact of Covid-19. Additionally comments provided by the entrepreneurs were compiled and analysed by filling-in survey forms on regular short-term statistics on turnover of sectors and manufacture of products. Also this information was reflected in monthly press releases on the results of activity of sectors.

During the reference period *webscraping* of international accommodation reservation platform was carried out to find out the number of guest apartments in Latvia, their characteristics and the number of nights spent in 2018–2019. **The experimental data** compiled were published in e-publication “Current events in tourism statistics in 2020”. An agreement with statistical institutions of the EU member states on transfer of monthly data on the nights spent in tourist accommodation establishments in breakdown by countries starting with January 2019 was reached. The data will be used to assess the flow of travellers among countries during Covid-19 pandemic and after it. On the topical aspects in the use of *webscraping* and scanner data for statistics use, of which on quality adjustment issues in respect to HICP compilation, using alternative data sources, the CSB experts have participated in discussions organized by the ECB and Eurostat. Representatives of the CSB took part in the series of UNECE seminars on compilation of CPI during the Covid-19 crisis.



## Statistical dimensions

In the reference year work on internationally and nationally very important gender equality data, that were welcomed by data users, was continued – separately elaborated section in the CSB website was supplemented, posts in social networks were prepared with complementary infographics. Work carried out by Latvia was also welcomed at an international scale, inviting CSB experts to prepare section about employment of females and males in households with children for UN gender equality publication "*World`s Women 2020*". CSB experts have prepared section about employment of females and males in households with children for UN gender equality publication "*World`s Women 2020*".

To increase the offer of statistical data to data users, experts from Macroeconomic Statistics Department organized meeting with an aim to identify potential data user needs in respect to the use of calculation results of annual national accounts system productivity indicators at national level. Need for calculation results was supported, therefore, after the reconciliation with Eurostat, the CSB will publish calculation results in the database, as well as will assess opportunities to continue calculating productivity indicators of national account system and to publish them in the CSB database in the future. In turn, experts of Business Statistics Department collaborated with the Ministry of Economics, Cross-Sectoral Coordination Centre, Research and development community, "Latvia's State Forests" developing R&D and innovation statistics accounting in the CSB reports.

In 2020 already 73<sup>rd</sup> edition of the Statistical Yearbook of Latvia was published in a printed format. "Statistical Yearbook of Latvia 2020" includes the most important data available in the official statistics database. There are 14 thematic subjects in the publication, for convenience of users and better data perception the contents is illustrated with maps and charts.

One of long cherished ideas of the CSB was realized on World Statistics Day, October 20, when the CSB concluded a very important cooperation agreement with the University of Latvia on the improvement of study process and scientific work accordingly requirements of labour market and improved collaboration opportunities with students, thus enhancing more sustainable development of statistics sector, quality of studies and research, as well as it will increase opportunities of students to acquire practical skills from the most knowledgeable CSB experts. "In the age of data, development of new partnership forms and reinforcement of the existing ones is included in agenda of each national statistics institution both in Europe, and worldwide. Such kind of partnership is ambition of the CSB cherished for years, and it is natural that this agreement has been signed on such a significant day!" Aija Žīgure, the President of the CSB, notes with satisfaction.

## Statistical dimensions

### Modernization of information systems for collection, processing and dissemination of CSB statistics data

**Data collection in the CSB is centralized** to ensure a uniform approach in coordination of data collection and treatment, improving service-oriented customer service culture. Customer support operators provide information and consult over the toll-free telephone, e-mail and online chats. System administrator monitors and analyses calls, e-mail letters and online chats to ensure quality of the service provided. In 2020, 6 568 user registration applications were reviewed and processed in EDS system (e-report). During the period mentioned 6 469 incoming and 12 551 outgoing calls were registered from the toll-free consultative number 80000098; chat function was used 212 times.



CSB cooperation agreement with the University of Latvia

**Within the framework of data collection modernization processes** in spring 2020 new interdepartmental agreement on provision of information between the CSB and the ADC was concluded, which will ensure receipt of new administrative data and will allow reducing respondent burden. On 16 June 2021 for the first time information from ADC Housing facilities infrastructure and manure storage register on animal housing and feeding systems and manure management was received, which almost entirely ensured data for the module on housing and feeding systems and manure management of agricultural animals in Agricultural Census 2020, thus enlarging administrative data use in agricultural statistics. According to the interdepartmental agreement with ADC, in August 2020 for the first time data on registered aquaculture fish, shellfish and mollusc farms was received, which will relieve acquisition of aquaculture statistics data.

Cabinet Regulations on the Official statistics portal were prepared and issued on 11 August 2020. After public opening of the portal, contents is available to the users, i.e., also processes improved during the project – "Preparation, exchange, storage and publication of statistics (conversation)", "Development of national standard for descriptive metadata and mapping of standard components, publication of metadata", "Preparation and publication of geospatial statistics" and "Process of acquiring statistical and research data – user's perspective".

Within the framework of data security development the CSB elaborated **Project, Application Management and Security Information Processing System (PITS)**. Aim of the system is to ensure management of IT projects, registration and tracking of IT applications, registration of access right requests and changes, as well as registration and management of information security incidents. It is planned to link this system with other existing work planning and organization tools to improve internal work organization efficiency.

MODERNISATION  
OF PRICE COLLECTION  
STATISTICS  
AND  
NATIONAL ACCOUNTS





# Modernisation of price collection statistics and national accounts

## Modernisation of the Consumer Price Index calculation process

In Latvia, the Consumer Price Index (CPI) is used as the principal measure of inflation, which measures changes in the average price level in the consumption of the most important goods and services. This measure is used in the calculation of social benefits, indexation of salaries and pensions, revision of rents, accounting, determination of compensation for material losses of natural and legal persons (unpaid salaries, thefts, accidents, etc.) as well as macroeconomic analysis, when studying inflation processes over a longer period of time.

The consumer price survey is conducted in Riga and ten other cities and towns every month from 4<sup>th</sup> to 20<sup>th</sup> date, during which about two thousand different trade and paid service objects are surveyed and approximately 25 thousand prices are collected. This work is performed by specially trained CSB employees - price collectors.

In order to modernise the price collection process and the subsequent calculation of the CPI and the Harmonised Index of Consumer Prices (HICP), in 2020 the transition to the Price Collection and Index Processing System took place. This is an online price collection and index calculation system developed by the CSB specialists, which combines all stages of index calculation, starting from data collection, validation and analysis to calculations and time series storage. Functionally, two interconnected applications can be distinguished: price collection and a price and index processing system.

The price collection application is used to record prices, replacing consumer price survey paper forms with tablets. It is a web-based system, therefore working with the application requires an Internet connection, nevertheless it is possible to register the prices of the goods of the selected store offline, too. In this case, the data are stored locally, and when the Internet connection is available again, the information is automatically loaded into the data processing application. With the data collection application prices are recorded only once (until now, prices were recorded in the form of a survey paper and only then they were entered into the data processing system), and prices are visible also on the data verification side immediately after entering them.

The price and index processing application provides price checking and analysis, price index calculation and storage of results. The system provides the ability to validate the collected information as soon as it is stored on the device, track the timeliness of tasks and adhere to the price recording schedule, provides several data analysis options, including testing individual experimental formulas, allowing a quick response and adapting of individual functions to a specific situation (i.e. Covid-19 crisis), thus significantly increasing work efficiency and optimizing work.

Covid-19 necessitated regular changes in the collection of Consumer Price Indices, operatively adjusting price collection to the conditions of social distancing and restrictions in force. Price Collection and Index Processing System allowed to

## Modernisation of price collection statistics and national accounts

identify as much as possible the share of closed collection points and the preliminary amount of missing prices in each commodity group, to evaluate which methods to use to impute missing prices. When evaluating data in sectors with zero activity, perform simulations to select the most appropriate imputation methods for each specific case. Additional codes and their functionality were introduced in the index calculation programme to provide a calculation of Covid-19 related imputations and then to provide additional information to users on imputation statistics by including an additional section in the press release.

As the CPI evolves, an improved version of the inflation calculator will be available on the Official statistics portal in the first quarter of 2021, allowing data users to quickly obtain information on consumer price changes over a selected period, not only for all goods and services but for any Classification of Individual Consumption According to Purpose (ECOICOP) category up to the level of subclasses. Due to the options offered by Price Collection and Index Processing System, it will be possible to update the information in the calculator automatically.

In the medium term, a new UN classification of individual consumption types, COICOP 2018 will be integrated into the Price Collection and Index Processing System. Additional functionality for simulations and calculation of historical time series will be included, with the possibility to easily switch to CPI compilation according to the new classification in the future. Currently, within the framework of the Eurostat grant project, work is being carried out in parallel on both the reclassification of household final consumption expenditure and the development of an IT solution.

### Improving the quality of national accounts data

National accounts are a system of accounts and balance sheets that provide a comprehensive and integrated system for describing a country's economy. This system is based on common concepts, definitions, classifications and accounting rules that provide a consistent, reliable and comparable quantitative description of the economy that is internationally comparable with other EU Member States. National accounts provide systematic and detailed economic data useful for economic analysis to support policy development and monitoring. For the purposes of analysis, national accounts statistics must maintain comparable time series from 1995 onward, which make it possible to study and analyse the growth of the total economy, individual sectors and other national accounts in various cycles of economic activity.

The best-known indicator of the system of national accounts is GDP. Taking into account that the methodology of the system of national accounts is constantly improved, both by developing new guidelines and harmonizing the practical application of existing requirements, audits of national accounts time series are performed regularly. Taking into account that only the current national accounts data are maintained in the CSB public databases, as of 2020 audit triangles (historical data) for key indicators of both annual and quarterly national accounts systems are published in metadata of the respective tables in the form of separate

Changes in GDP at constant prices, %



## Modernisation of price collection statistics and national accounts

files, starting with their state as of September 2014.

At the end of 2019, for the first time in the history of the CSB, Gross Domestic Product Supply-Use tables at previous year's prices were prepared within the framework of the Eurostat grant project. The Supply-Use tables provide a detailed picture of the economy, combining elements of the production process, the use of goods and services (products) and income. Estimating GDP by using Supply-Use tables is the best way to ensure that both estimates of GDP (measured in terms of production and consumption) are at the same level of detail at the product level and improve the accuracy of GDP estimates.

In 2020, we continued to develop the methods used and put into practice the preparation of regular Supply-Use tables at the previous year's prices. At the same time as developing the national methodology for preparing the Supply-Use tables at previous year's prices, the methodology for calculating comparable prices (volume estimation) was revised, which will allow double deflation in national accounts (separately estimating output and intermediate consumption and calculating intermediate consumption at product level).

Within the framework of the CSB Methodological Council, the introduction of colleagues to the developed national methodology for the preparation of Supply-Use tables at previous year's prices has been started. Given that the introduction of double deflation will update the current GDP estimates, the sustainability of the developed methodology is currently being analysed, as well as the developed methodology needs to be adapted to the needs of quarterly national accounts where other data sources are used in the calculations, compared to those made from annual data sources. A plan for the introduction of double deflation in national accounts will be developed. It is also planned to inform the main data users about the changes in the methodology.

For the needs of data analysts, expanding the availability of methodological materials, a Description of Sources and Methods of the Quarterly National Accounts in English was prepared within the framework of the Eurostat grant project. A Latvian version will also be prepared and will be available to all interested parties. Within the framework of the grant project, a Description of Sources and Methods of Annual Sector Accounts and a Description of Sources and Methods of Regional Accounts were also prepared. Latvian versions of these descriptions will also be prepared. The Description of Sources and Methods of Government Budget Deficit and Debt data was also updated.

In the 4<sup>th</sup> quarter of 2020, the publication of the results of the flash GDP estimate for users on the CSB website and on the Official statistics portal was started one day before the Eurostat press release was published. Latvia is one of the EU Member States that calculates and publishes a flash estimate of GDP on the 30<sup>th</sup> day after the reference quarter, and one of the few countries that does so the day before Eurostat's publication, i.e. - on the 29<sup>th</sup> day.

POPULATION AND  
HOUSING CENSUS  
2021



# Population and Housing Census 2021



## Population and Housing Census 2021

In Cabinet Order No 280 of 2 June 2015 "On the Action Plan for Designing and Organisation of the Population and Housing Census 2021" it was determined that Population and Housing Census 2021 is to be carried out acquiring all information needed from administrative registers and other databases, refusing from surveying population over the Internet or at their place of residence.

In 2021 for the first time Population and Housing Census takes place using only administrative data, thus joining group of developed Northern countries, whose example it wants to follow. Information on population and housing, in line with Population and Housing Census programme, is prepared according to the situation as on 1 January 2021.

In the future population will not be surveyed face-to-face in Population and Housing Censuses, but all indicators will be prepared using administrative data, thus significantly reducing also the needed financial and human resources.

Population and Housing Census is to be carried out obligatory, its time of organization is determined by the EU legal acts (Regulation) and its postponement means imposition of a fine on the country (which would be close to the cost of Census itself) and obligation to the country to organize it the next year. To avoid such situation and taking into account vast registers available in the country, as well as to reduce costs, after Population and Housing Census 2011 a decision was taken to carry out preparation work so that Population and Housing Census could take place using data from registers. State of emergency in 2020 and 2021, when face-to-face interviews were completely stopped, demonstrated that decision to organize Population and Housing Census using only administrative data was right. At the moment similar solution is being looked for by countries that were planning to carry out Population and Housing Census 2021 in a traditional way. Latvia had time to prepare, to elaborate methodology for preparation of indicators, to work on the improvement of administrative data quality.

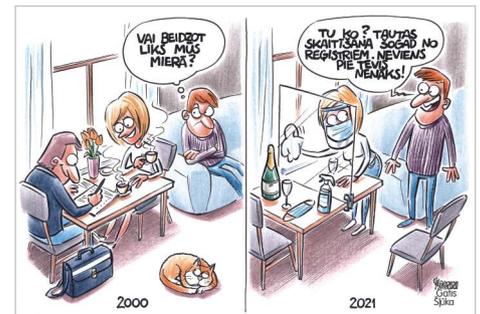
To ensure Population and Housing Census that is based on administrative data, a decision was taken to create Social Statistics Data Warehouse (SSDW), which would ensure secure and structured storage of personal data received, and users with simple criteria could carry out data selection, creation of summaries. Considerable emphasis in formation and improvement of the system was put on the data security – user administration module is available in the system, which ensures control of rights up to separate data columns and is fixed in the system of user activities. Also data descriptions are maintained in the system, initial data quality control is carried out. Creation of the data storage has allowed to improve data processing in the CSB (warehouse options are already also used for surveys), and it will be used continuously also after Population and Housing Census 2021.

## Population and Housing Census 2021

To ensure preparation of all Population and Housing Census indicators, great work was carried out on the elaboration of methodology. For several years preparation of test indicators, their quality assessment is being carried out, solutions for the improvement of methodology are being looked for. One of the most complicated indicators are employment indicators as not all population are employed officially. Main data source of these indicators is State Revenue Service, but for data quality purposes (to make information more complete) other sources were also identified. To also include unregistered employment in the indicators, the CSB has carried out research with various mathematical modelling algorithms for the imputation of missing data and data editing (both processes together are called data adjustment). For data adjustment the CSB uses and has tested several machine learning algorithms. At the moment adjustment is carried out using k-nearest neighbours method and recursive partitioning and regression tree (rpart) method. For the validation of statistics acquired Labour Force Survey data are used, which at the moment is the only alternative data source, where each year similar statistics are acquired, as it is planned in Population and Housing Census 2021. At the same time, it must be taken into account that often information on occupations of employed in administrative data is more accurate, because Classification of Occupations is very detailed and respondents not always can indicate their occupation in surveys correctly. Similarly, due to the changes in education system, also information on the level of population education often is more precise in registers (especially, what concerns professional, not higher education, which is divided into several educational levels).

Decision taken after the Population and Housing Census 2011 in favour of transition to the register-based Population and Housing Census has been very precautionary as response rate of population is decreasing with every year, and traditional approach to compilation of social statistics data on persons and households cannot provide the desired results anymore. Successful conduct of the traditional Population and Housing Census might be endangered by the low activity and response rate of population. Unwillingness of population to participate in surveys makes statisticians think about the need to work more at a national scale so that not to burden residents with surveys, and to acquire the information needed in new, innovative ways by uniting information from the already existing registers.

For successful development of the register-based Population and Housing Census cooperation with other institutions is of high importance. At the moment Population and Housing Census database includes data from more than 40 various registers and databases. There are very vast registers in Latvia, which can be and should be used not to burden residents. To get prepared for Population and Housing Census that is based on administrative data, already since 2012 work on identification of possible data sources, data compilation, assessment of their quality, preparation of indicators for elaboration of methodology was started. This



## Population and Housing Census 2021

also allowed institutions, having registers under their competence, to improve their quality, to eliminate errors and inaccuracies. Cooperation with institutions is proceeded to continue improvement of data quality.

Population and Housing Census will allow to ensure data users with very detailed information (of which part of information at level of parishes, densely populated territories and even at 1 km<sup>2</sup> cell level). Such detailed information cannot be ensured from surveys.

After 2021 it is planned to prepare indicators on educational attainment, economic activity and employment of population each year.

Publication schedule of Population and Housing Census planned:

<b>2012-2020</b>			
Identification of data sources, compilation of data, assessment of their quality, elaboration of methodology for preparation of indicators			
<b>01.01.2021.</b> The most important day of Population and Housing Census 2021			
<b>2021-2022 Processing and publication of the data</b>			
28.05.2021. Number of population Demography Migration	30.07.2021. Households and families	24.11.2021. Dwellings	15.06.2022. Economic indicators Education

OFFICIAL STATISTICS  
PORTAL





## Official statistics portal

On 3 August 2017 the Central Statistical Bureau concluded an agreement on implementation of the project "Official statistics portal" with Central Finance and Contracting Agency No 2.2.1.1/17/I/002. The project was implemented within three years from the 3<sup>th</sup> quarter of 2017 till the 3<sup>th</sup> quarter of 2020.

On 3 April 2018, after the evaluation of open tender applications, the CSB concluded an agreement with SIA "Agile&Co on the elaboration of portal's documentation, authorized supervision and quality assurance.

On 1 March 2019 an agreement with open tender winner SIA "Wunder Latvia" was concluded on the elaboration of Official statistics portal.

As of 1 September 2020, the single platform for publishing official statistics is available for users. During the transition period, until CSB website statistical section was closed, official statistics was published both on the CSB website and on the portal.

### Themes catalogue and search engine

On the portal statistics themes catalogue is convenient to view so that users could orient in the vast range of official statistics. Key indicators, database tables, publications, press releases, infographics and other information useful to users can be found in each theme. Key indicators are visualized with the help of interactive charts *Highchart*, which will help spotting trends in data. The latest data published can be always found in the charts as it is ensured by the linking with database tables.

Search engine of the portal ensures fast selection of the contents by key words, themes, periodicity (annual or short-term statistics), territorial unit in Latvia (starting with a region and up to a village), institutions responsible for preparation of statistics.

### Statistics database and map browser

"We have chosen not to reinvent the wheel for our needs, but to base the development on open source software and supplement the most successful solutions of other statistical institutions - the database tool PX-Web created by Statistics Sweden and the map browser STAGE created by Statistics Slovenia," says Uldis Ainārs, Director of the Information and Communication Department of the CSB.

The database provides opportunity to everyone, also to users without prior knowledge, to create in data processing a transparent table from large data sets, to download data at a needed format. An access can be created to all database tables published in Official statistics portal with application programming interface or API.

### Metadata and calendar

The portal provides opportunity not only to find the data needed faster, but also to learn detailed methodological information on their calculations, to find out, when other topical data publications are foreseen by viewing data publication calendar.

It is planned that official statistics will be published on the portal by all institutions engaged in its preparation. In addition to statistics prepared by the CSB, at the end of 2020 data on fires and rescue operations was published on the portal, which is prepared by the State Fire and Rescue Service, as well as data on territorial development index, which is prepared by State Regional Development Agency.

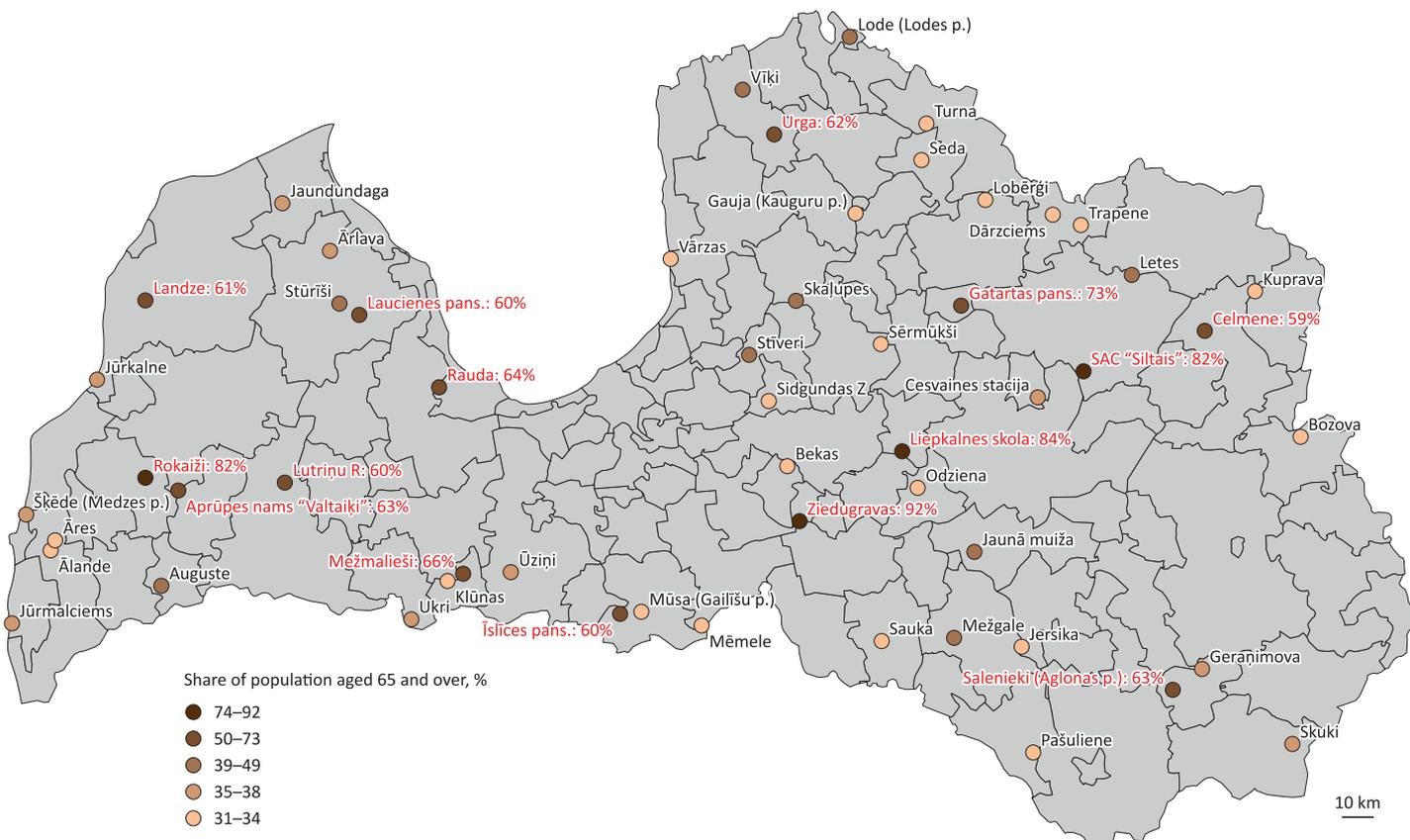
In response to the crisis situation in the country caused by the Covid-19 virus, as well as to make the data on the impact of pandemic on society of Latvia fast and easy to access for data users, the CSB has prepared a special website section "Covid-19 thematic section", ensuring topical information on key indicators that were affected by the pandemic or that are important for elimination of consequences caused by the pandemic:

- activity of "Rīga" airport;
- Activity of hotels and similar accommodation establishments;
- unemployment rate;
- situation in creative industries;
- sectors affected the most by Covid-19;
- fuel price dynamics;
- number of population working remotely;
- number of marriages registered;
- number and share of population left without material assistance;
- household savings;
- inhabitants of Latvia having a long-standing illness of the respiratory system;
- areas with highest density of elderly inhabitants.

Evaluating the opportunities and doing everything possible to optimise data calculation and publication processes, part of key indicators, for example, unemployment rate, labour force costs and other, were transferred to data users in a shorter term than previously, thus ensuring that the data needed reach decision takers faster.

## Official statistics portal

Densely populated territories with at least 50 usual residents where share of population aged 65 years and more exceeds 30 %, at the beginning of 2019



# COMMUNICATION WITH SOCIETY



# Communication with society

## Publicity in media and social networks

In 2020, CSB published 190 news releases and other information on the latest CSB activities. After the declaration of state of emergency, regular statistics releases were supplemented with releases on topical socio-economic data, and since March the CSB has notified about monthly indicators of unemployment, business environment, hotels and accommodation establishments, as well as airport each month.

Media have mentioned CSB 9 360 times, which is 520 times more than in 2019. In 2020, 76.7 % of mentions were in Latvian, 20.1 % in Russian and 3.2 % in English. Majority of mentions was observed in online media (56 %), followed by radio (14 %), news agencies (10 %), national newspapers (10 %), regional newspapers (6.6 %), television (2.4 %) and magazines (1 %).

The most popular was Agricultural and Housing Census 2020 and demography statistics.

The most popular CSB themes were: demography (17.6 %), wages and salaries (11.5 %), consumer prices (10.4 %), moreover, TOP 3 of themes is exactly the same as in 2019 and share of mentions is similar. It is followed by employment/unemployment (9.8 %), GDP (7.7 %), tourism (5 %), foreign trade (4.7 %) etc.

In the first half of 2020 social networks campaign #genderequality was implemented. In social networks Facebook and Twitter 24 visualizations on gender equality issues were published, as well as section devoted to this subject was created on the CSB website. On the second half of the year increasing amount of video format contents was published in social networks, of which several video comments on such statistics themes as demography, tourism and Agricultural Census.

At the end of 2020, @CSP\_Latvija account had 6 300 followers, @CSB\_Latvia account in English had 3 030 followers, Facebook account had 2 000 followers.

## Information requests

In 2020, CSB replied to 1 016 information requests from individuals, public administration institutions and enterprises, and 23 data users received regular tailor-made datasets. CSB also sent answers to almost 200 media requests/questions. Latvijas Radio (30), Latvijas Televīzija (28), Latvijas Avīze (19), Delfi (13), Diena (10) and TV3 (7) were the media requesting statistics or CSB comments the most often.



Armands Plāte  
from the Agro Tops interview,  
October 2020

# INTERNATIONAL COOPERATION



## International cooperation

The CSB experts continued participation in international activities, which mainly were in a virtual format. In the context of pandemic and state of emergency international cooperation was of high importance to share experience in various discussion formats on solutions for ensuring continuity in data collection and provision of comparable data for the needs of decision takers.

In more than 200 international meetings CSB experts contributed to solving elaboration, development and coordination issues of statistical methodology for preparation of internationally comparable statistics. In the context of pandemic the agenda of the international statistical community also included such issues as more timely, more detailed preparation of new data using both the existing data sources and knowledge of experts of statistical institutions, and searching for new data sources for the preparation of official statistics needs as much as possible.

Within the framework of European Statistical System, United Nations and Organisation for Economic Cooperation and Development, the CSB provided its opinion on the continuity of work during a pandemic at the level of experts, discussing the most appropriate indicators for the needs of decision takers. At strategic level meetings of managers of national statistical institutions, the CSB has contributed to discussions on the response of European Union system for challenges caused by Covid-19 pandemic, crisis management and communication.

Within the framework of German's Presidency in the EU Council, in a high level virtual meeting on European Statistical System communication and management during the crisis organized by Statistics Germany managers of national statistical institutions discussed on lessons learned and challenges in preparation of statistics during the Covid-19 pandemic. Within the framework of the meeting, upon the invitation of Statistics Germany A. Žīgure chaired one of three sessions, i.e., on formation of partnerships in preparation of new data and access to new data sources. During the session on innovation as a key driver of official statistics A. Žīgure also provided her opinion emphasizing *ad-hoc* innovations as an answer to immediate data requirements and strategic innovations as a basis of development of statistical institutions in long-term.

Being aware of the importance of correct legislation for official statistics needs, especially in the context of privacy questions, at UNECE Expert Meeting on Modernizing Statistical Legislation the CSB expert Ieva Začeste chaired a panel discussion on the right to privacy and the right to live in an informed society.



03 March–6 March  
A. Žīgure, the President of the CSB, takes part in the Session of the UN Statistical Commission in New York (USA)



I. Začeste chairs the panel discussion

# MANAGEMENT OF RESOURCES



## Management of resources

### Personnel

The core value of the CSB is highly-educated and professional personnel. One of the main tasks is to attract result-oriented employees that are endowed with competencies needed and appropriate skills and knowledges, able to introduce new solutions in long-term.

On 31 December 2020 there was 501 position in the CSB, of which 251 was position of general state civil service officials and 250 – positions of employees. In 2020, the average number of persons actually employed in Riga structural unit of the CSB comprised 436 persons, but in regional units (in Kuldīga, Valmiera and Preiļi) – 48 persons.

Carrying out several structural reforms, accordingly Cabinet order No. 701 of 24 November 2017 “On the 2020 Strategy of the Public Administration Reform”, the total number of posts in 2020 was reduced by 8 posts.

The CSB pays special attention to enhancement of professional development of employees to the fullest extent possible ensuring both horizontal and vertical career growth. In 2020, 3 employees decided to continue accumulating their work experience working in another institution in another position. Average employment in the institution suggests about loyalty of officials and employees to the CSB as a place of work – average service increment of employees in the CSB is 15 years. 77 % of employees are with higher education.

In 2020, there was selection announced on 69 posts. Of which 37 were successful. Mainly the job was offered to senior officers – experts of processing, quality verification and analysis of statistical data. Competition was reopened on job posts of Macroeconomic Statistics Department as this area requires in-depth understanding of economic indicators. On 31.12.2020. there were 34 job posts in the CSB which is 6 posts less than at the beginning of the year. During the state of emergency a lot more applicants with good knowledge in the use of various programmes, data compilation and analysis, as well as experience in work in public administration applied for the competitions announced by the CSB. At the end of the year job interviews were organized remotely.

In 2020, 35 employees discontinued, and 37 employees started the job in the CSB. Mainly age of employees is 22–35 years (54 %), 35–45 years (22 %) and above 46 years (24 %).

In 2020 integration programme of new employees was improved: changes in documents “Guidelines for Managers” and “Introduction programme” were implemented by supplementing the planned meeting schedule of new employees and supportive structural units.

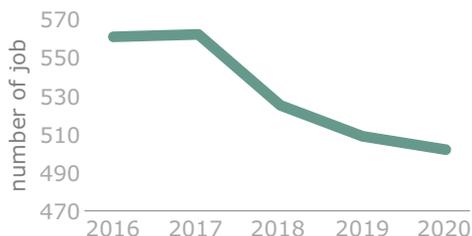


Diagram on dynamics of the number of CSB positions during 2016–2020

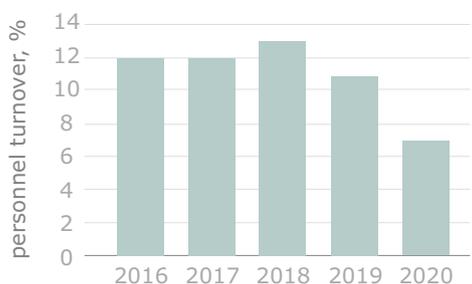


Diagram Dynamics in personnel turnover in the CSB in 2016–2020 (as %)

## Management of resources

The CSB assesses and determines need for studies, considering strategic direction of the institution, functions of structural units and other criteria which justify the need for studies for more effective performance of job duties, when approving study plan for the current year. During the 2nd half of the year almost all studies were carried out online. During this period training on MS Access, MS Excel and R programmes was given to employees of the CSB. Employees of the Informatics Department enhanced their knowledge in administration of IT systems, ensuring system performance and elaboration of applications.

In cooperation with the Latvian School of Public Administration, heads of structural units visited several webinars on the organization of work during remote work, motivation of employees, involvement, team building methods and creative approaches in the management of the team.

36 employees of the CSB took practical training on "Press releases based on data stories", during which they acquired practical skills on the preparation and visualisation of press releases.

Interviewers from the Interviewer's Coordination Section took part in training course "Remote customer service" and successfully passed the exam, as well as improved communication skills when carrying out telephone interviews of respondents.

Support staff is ensured with training on enhancing professional skills in accounting, personnel recruitment and management, quality and other fields.

In organization of study process, the CSB continues looking for better solutions in enhancing professional development and competitiveness of employees using balanced combination of theory and practice and various approaches (workshops, group discussions, lectures and exercises), as well as ensuring groups of employees with options of adapted studies and individual studies.

Within the framework of the ESTP 30 employees visited 11 various courses.



## Management of resources

CSB appraises employees who show their activity and come up with new ideas and suggest improvements on how to enhance work process, or demonstrate extensive knowledge and analytical approach in solving various issues, take responsibility and think beyond their direct official duties. We are proud of our colleagues!

In 2020 certificate of recognition of the Ministry of Economics on professional work, significant contribution to the improvement of statistical data production and dissemination processes, as well as to the development of new more efficient working methods was presented to Anita Švarckopfa, Līga Saleniece, Tatjana Junsone, Melita Vītola, Līga Meļko and Mārtiņš Liberts.

Certificate of gratitude of the Ministry of Economics was received by Ralfs Melbergs and Inta Vanovska.

Honorary title of messenger of the activity "Consult first" initiated by the Ministry of Economics was received by Ramona Skakunova, Inguna Magone, Sarmīte Krēgere, Baiba Apse, Dace Drulle, Inese Pozņaka, Inga Oksentjuka un Tatjana Junsone.

Certificate of recognition of the CSB was handed to Inga Oksentjuka, Ināra Liepaskalna, Sarmīte Krēgere, Andra Jansone, Jānis Bērziņš, Konstantīna Seile, Ira Rieksta, Maksims Bejačkovs, Ruta Kirilova, Gundega Kuzmina and Uldis Ainārs.

Certificate of gratitude of the CSB was received by: Irina Salina, Inta Kiršteina, Antra Lūse, Kitija Celmiņa, Aleksandra Jastržemska, Madara Liepiņa, Ieva Vanaga, Lija Luste, Edīte Miezīte, Jovita Krēmane, Inta Andersone, Nataļja Dubkova, Oksana Mesterenko, Gunita Virsnīte, Zaiga Priede, Ruta Beināre, Kristīne Germane, Darja Goreva and Laura Romanova.



CSB President Aija Žīgure was elected an LU honorary member

For a significant contribution to the quality assurance and research development of LU studies at the solemn sitting of the Senate dedicated to the 101st anniversary of the University of Latvia the CSB President Aija Žīgure was elected an LU honorary member. *"Statistics in general is one of the fields that has been developing in our faculty for many years and it is one of the foundations of research in the social sciences. Cooperation with Aija Žīgure has been one of those reasons, why statistics is and will be one of the most important bases of our research and scientific results,"* in the welcome speech pointed out Gundars Bērziņš, dean of the University of Latvia's Faculty of Business, Management and Economics and professor. Aija Žīgure has long been a member of the European Statistical System Committee and the Partnership Group, which periodically works under its auspices, a member of the OECD Committee on Statistics and Statistical Policy, as well as a member and a rapporteur of the world's highest decision-making body in statistics – Statistical Commission of the United Nations Economic and Social Council.

CSB President has also been a Member of the Board of the UNESCO Institute for Statistics and representative of many other international institutions.

## Management of resources

### Budget of Central Statistical Bureau in 2020

(euro)

<b>1. Total income</b>	<b>11 591 131</b>
<b>1.1. Subsidy from general revenue, total</b>	<b>11 350 653</b>
of which:	
programme "Provision of Statistical Information"	9 764 718
programme "Implementation of European Community initiative projects and activities"	1 363 975
programme "Implementation of European Regional Development Fund projects and activities"	184 112
<b>1.2. Revenue from chargeable services and other own revenue</b>	<b>228 739</b>
<b>1.3. Transfers, total</b>	<b>11 739</b>
of which:	
programme "European Social Fund (ESF) projects" (2014–2020)	11 739
<b>2. Total expenditure</b>	<b>11 499 461</b>
<b>2.1. Current expenditure</b>	<b>10 546 495</b>
of which:	
remuneration	6 894 659
compulsory social security contributions	2 270 761
business trip expenses	22 441
payments for services, purchase of materials	1 358 634
<b>2.2. Maintenance costs of transfers</b>	<b>234 500</b>
<b>2.3. Capital expenditure</b>	<b>718 466</b>
of which:	
intangible assets	333 848
hardware, communication, and other office equipment	384 618
<b>3. Financial balance</b>	<b>91 670</b>
<b>3.1. Money</b>	<b>91 670</b>



## KEY PRIORITIES IN 2021

## Key priorities in 2021

In 2021 the CSB will be engaged in complex, operative and coordinated development of the mutual cooperation environment with data owners, respondents and data users by taking measures to meet the changing needs of data users, and will invest in the development of the institution's infrastructure and professional skills thus building a common culture of data exchange.

### Priorities:

- provision of *Official Statistics Programme 2021* within the framework of CSB competence;
- comprehensive research of data user needs and accordingly-oriented production and dissemination of statistics, preparation of up-to-date and user-friendly experimental statistics by including it in production processes;
- active international cooperation by involving in ESS development processes, UN Statistical Commission, UNECE and OECD, at the same time promoting Latvia's international recognition;
- provision of Population and Housing Census 2021;
- development of Macroeconomics statistics data processing system;
- elaboration of new processing, preparation, analysis and storage system of producer price indices;
- total producer price indices have been calculated in accordance with the level of detail and breakdown requirements determined by the EBS;
- elaboration of technical solution for the content management system of statistical classifications;
- development of IT tools, elaboration of data summaries transformation, validation tools and CAWI mobile application;
- data collection process on the employment and income of graduates in higher education institutions and colleges of Latvia;
- total producer price indices have been calculated in accordance with the level of detail and breakdown requirements determined by the EBS;
- provision of tasks for ERDF project "Foreign trade statistics system";
- provision of project "Integration of climate change policy in sectoral and regional policies" of Norwegian Financial Mechanism programme "Climate change mitigation, adaptation and environment";
- implementation of development projects of Eurostat grant scheme statistical methodology development, statistical acquisition, processing, analysis and dissemination and preparation of final reports on implemented projects;
- improvement of cooperation with data providers, data owners and data users for development of production of statistics;
- increasing the professionalism, performance and motivation of employees.



**CENTRAL STATISTICAL BUREAU OF LATVIA**

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**annual report**  
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