



Dissemination of LFS results in Latvia

1. LFS data of Latvia

Labour Force Survey in Latvia was launched in November 1995, and till 2001 it was carried out twice a year – in May and November. Starting from 2002, the survey is continuous and carried out every week throughout the whole year. Because of that annual data are available starting from 1996, while quarterly data – just from 2002.

Survey results available for data users:

- Estimates of population parameters;
- Anonymized individual data.

1.1. Paper publications

Key results of the Latvian LFS are published in various paper publications and in Central Statistical Bureau of Latvia (CSB) homepage database.

Detailed data are prepared on request (ministries, private and public institutions, students, researchers etc.).

Despite the increasing popularity of data available in the database, printed publications are still greatly demanded. In 2012 the most significant collections of statistical data published by the CSB of Latvia that contain also LFS data where following:

1. LABOUR FORCE SURVEY: KEY INDICATORS - the collection of statistical data contains summarised results of the Latvian continuous Labour Force Survey. It includes annual LFS results (including supplementary indicators to unemployment) and 2010 ad hoc module results.
2. STATISTICAL YEARBOOK OF LATVIA - annual publication that offers a broad picture of social and economic phenomena and processes in the country. It includes main annual LFS results.
3. MONTHLY BULLETIN OF LATVIAN STATISTICS (quarterly LFS results) - the monthly bulletin of the Latvian statistics provides provisional monthly and quarterly information on the economic and social situation in Latvia, as well as on the results of statistical surveys and researches. It includes main quarterly LFS results.
4. ELDERLY POPULATION IN LATVIA – as 2012 was announced as the European year for active ageing, CSB of Latvia prepared the collection of statistical data comprises information on elderly population in Latvia.
5. CHILDREN IN LATVIA - informative publication about children. In 2012 it included some LFS 2010 ad hoc module data.



1.2. Database

Main LFS results are published on the CSB homepage statistical database. There are two types of databases:

- Quarterly database (covers Latvian LFS quarterly results starting from 2002. There are 30 tables.)
- Annual database (includes Latvian LFS annual data and information about registered unemployment. Totally there are 44 tables. Most of them depicting data starting from 2002, whereas several tables show information starting from 1996. Annual results are published more in detail, as compared to quarterly results, because it is allowed by the reliability limits. Annual database contains also some more tables with other information, e.g., data about early leavers from education and training, life-long learning, supplementary indicators to unemployment, employment indicators in Baltic States).

CSB homepage contains also methodological information about Latvian LFS. It includes detailed information about Latvian LFS: definitions, information about classifications used in the LFS, release calendar and links to the News Releases, information about data collection (survey methods, sample size etc.) and statistical processing (calculation methods, weighting, reliability limits).

1.3. Data accuracy

Starting from the 1st quarter of 2012, data about employed persons by main kind of economic activity are published together with data accuracy indicators (standard error and confidence interval). In paper publications information about economic activity of the employed is published just showing the confidence interval. In the nearest future we are planning to calculate these indicators also for some more indicators.

1.4. Anonymized individual data

There are two types of anonymized individual data:

- Anonymized individual data for research purpose
- Anonymized individual data for public use.

Anonymized individual data for research purpose are available just for scientific purposes, strictly observing the principles of confidentiality and is for pay. Anonymized individual statistical information has been modified in order to preclude identification of respondents, e.g., geographical indicators are identified only at regional level, instead of respondent's exact years of age, age groups have been



shown and the level of detail can be reduced also for other indicators (ethnicity, citizenship, country of birth etc.). Description of the database file content has been added.

Anonymized individual data for public use are available on the CSB homepage free of charge, and they are prepared for students and persons interested in statistics. This database also has been developed by strictly observing the principles of confidentiality. Main differences as compared to the anonymized individual data are following:

- weights have been changed within 5%;
- there is no identification number and person's sequence number, so it is not possible to follow the person from wave to wave, but there are some other variables (number of household members, number of children in household, number of employed persons aged 15-74 in household and number of inactive and unemployed persons aged 15-74 in household);
- there are fewer variables and less detailed;
- available starting from 2007 (starting from 2007, the sample size of the LFS was increased 2.4 times).

2. Recalculations according to the results of the Population and Housing Census

Results of the Population and Housing Census 2011 testified that number of Latvia population is smaller than one used for the extrapolation of data acquired within the framework of the Labour Force Survey. Considering changes in the population number, taking place since the previous Population and Housing Census of 2000, and planned recalculation of the population number in compliance with the results of the last Population and Housing Census, also data of the Labour Force Survey on years 2001 – 2011 will be accordingly revised.

Currently Latvian LFS results have been recalculated just on 2011. Recalculation of the data on the period 2001-2010 will be made in two stages. Recalculation of the period 2007-2010 will be completed in October 2013, whereas of information on 2001-2006 – at the beginning of 2014.

Recalculated LFS results on 2011 as a whole and on separate quarters were published in April 2012. CSB database contains both recalculated and non-recalculated LFS results on 2011. Non-recalculated data on 2011 will be stored in the database till October 2013, when recalculation of the information on 2007-2010 will be completed. We decided to keep both data (recalculated and non-recalculated) in order to ensure comparability of the data in time series.

To achieve compliance with recommendations of Task Force on quality of the LFS, starting from the 1st quarter of 2011 (re-calculated), extrapolation of the Labour Force Survey data for the first time is based only on the number of persons living in private households, excluding collective households



(old people's homes, student hostels, hospitals, prisons etc.). Information on number of persons living in collective households was obtained within the framework of the Population and Housing Census.

3. Recalculated and non-recalculated LFS data of 2011 – main differences

Comparison of the recalculated and non-recalculated LFS 2011 data shows that, due to both corrections made basing on the Population and Housing Census results and changes in weight calculation (as data were extrapolated only over number of persons residing private households (information acquitted in Census)), population number has decreased by 8%. Number of persons living in collective households in 2011 comprised 1.2% of the total population. Considering changes in the population number, the number of active population reduced correspondingly, and that, in turn, influenced also employment indicators – employment rate (persons aged 15-74) diminished by 1.3 percentage points, while unemployment rate (persons aged 15-74) rose by 0.8 percentage points (see tables 3.1.-3.2.).

Table 3.1.

Differences in population number by labour status

	2011*	2011	Difference	
	Thsd	Thsd	Thsd	%
Total population in LFS	2049.9	2229.6	-179.8	-8.1
Population aged 15-74	1595.3	1754.3	-159.0	-9.1
of which				
Active population	1028.2	1147.0	-118.7	-10.4
Employed	861.6	970.5	-109.0	-11.2
Unemployed	166.6	176.4	-9.8	-5.5
Inactive population	567.1	607.3	-40.2	-6.6

*Recalculated results.

Table 3.2.

Persons aged 15-74: comparison of activity, employment and unemployment rates

	2011*	2011	Difference
	%	%	Percentage point
Activity rate	64.5	65.4	-0.9
Employment rate	54.0	55.3	-1.3
Unemployment rate	16.2	15.4	0.8

*Recalculated results.