**Geospatial data on economic entities in operation by grid**

**Geospatial data on economic entities in operation in grids:**

While geocoding the statistical register on economic entities, the coordinates of all economic entities in operation were determined. 96 per cent of the economic entities in operation acquired precise address and coordinates, the rest (4 per cent) were randomly distributed according to the street or populated locality indicated.

Geospatial data grids were formed by dividing the entire territory of the Republic of Lithuania into areas of equal size – grid cells. Each grid cell contains the aggregated values of statistical data on the economic entities in operation.

**Grid sizes and coverage**

* the grid of 10 x 10 km covers the entire territory of the Republic of Lithuania;
* the grid of 5 x 5 km covers the entire territory of the Republic of Lithuania;
* the grid of 2.5 x 2.5 km covers the entire territory of the Republic of Lithuania;
* the grid of 1 x 1 km covers the entire territory of the Republic of Lithuania;
* the grid of 500 x 500 m covers the territories of 103 cities and towns of the Republic of Lithuania;
* the grid of 250 x 250 m covers the territories of 103 cities and towns of the Republic of Lithuania;
* the grid of 100 x 100 m covers the territories of 6 major city municipalities of the Republic of Lithuania (Vilnius c. mun., Kaunas c. mun., Klaipėda c. mun., Šiauliai c. mun., Panevėžys c. mun., Alytus c. mun.).

**Coordinate system**

LKS-94

**Data provision**

Polygon geospatial data layers are provided in Esri SHP format. Seven geospatial grid layers are provided under the following names: GRID CELL100 (corresponding to the grid cell of 100 x 100 m), GRID CELL250 (250 x 250 m), GRID CELL500 (500 x 500 m), GRID CELL1000 (1 x 1 km), GRID CELL2500 (2.5 x 2.5 km), GRID CELL5000 (5 x 5 km), GRID CELL10000 (10 x 10 km).

**Grid cell identification**

The cells of the grid are identified (GRID CELL\_ID) by indicating the cell size and the first five digits of X and Y coordinates of the south-western corner of the cell. The grid cell size is indicated in metres for the cells of 100 x 100, 250 x 250 and 500 x 500 m and in kilometres for the cells of 1 x 1, 2.5 x 2.5, 5 x 5 and 10 x 10 km. For example, the coordinates of the south-western corner of the grid cell of 1 km x 1 km are as follows: x – 543500.591, y – 6071287.752; therefore, GRID CELL\_ID is 1x1kmX54350Y60712.

**Grid layer attributes**

| **Field** | **Type** | **Data stored in the application** |
| --- | --- | --- |
| GRID\_ID | 50, TEXT | Grid cell identification code |
| PAJAMOS | 50, TEXT | Income of economic entities in operation |
| DSK | 50, TEXT | Number of employees |
| METAI | 6, NUMBER | Period to which the statistical value belongs |
| IMONIU\_SK | 6, NUMBER | Number of economic entities in operation |
| A | 6, NUMBER | Number of economic entities in operation by economic activity: agriculture, forestry and fishing |
| B\_C\_D\_E | 6, NUMBER | Number of economic entities in operation by economic activity: manufacturing, mining and quarrying, and other industry |
| F | 6, NUMBER | Number of economic entities in operation by economic activity: construction |
| G\_H\_I | 6, NUMBER | Number of economic entities in operation by economic activity: wholesale and retail trade, transportation and storage, accommodation and food service activities |
| J | 6, NUMBER | Number of economic entities in operation by economic activity: information and communication |
| K | 6, NUMBER | Number of economic entities in operation by economic activity: financial and insurance activities |
| L | 6, NUMBER | Number of economic entities in operation by economic activity: real estate activities |
| M\_N | 6, NUMBER | Number of economic entities in operation by economic activity: professional, scientific and technical activities, administrative and support service activities |
| O\_P\_Q | 6, NUMBER | Number of economic entities in operation by economic activity: public administration and defence, education, human health and social work |
| R\_S\_T\_U | 6, NUMBER | Number of economic entities in operation by economic activity: other services |

**Statistical data description**

**Economic entity in operation** ­refers to an entity registered in the Register of Legal Persons, carrying out economic activity and having persons employed and/or income.

**Statistical indicator value restrictions**

The number of economic entities in operation is presented in absolute numbers. If the number of economic entities in operation is lower than 3, the values of other indicators in this theme are not provided.

**Free and fee-based data provision**

The aforementioned statistical indicators according to the aforementioned characteristics and grids are provided free of charge. The production of other statistical information on user request is a fee‑based service. The [rules and pricing](https://osp.stat.gov.lt/web/guest/individuali-uzklausa) have been approved by the Director General of Statistics Lithuania.

**Data relevance**

Indicators on economic entities in operation are provided as for the reference period, at the beginning of the year. The indicator on income is provided with a two-year delay.

**Data source:** Statistics Lithuania