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AGJENCIA E STATISTIKAVE TË KOSOVËS  
AGENCIJA ZA STATISTIKE KOSOVA  
KOSOVO AGENCY OF STATISTICS

# Short-term Industry Statistics

## Q3 2021

**Prishtina, 13.12.2021** The Kosovo Agency of Statistics (KAS) has compiled the publication of the results of the Short-Term Industry Statistics by presenting the industrial volume index in the period Q3 2021 (2017 = 100).

Since the first quarter of 2019 this research is an integral part of the KAS Statistical Programme which is based on the statements of the enterprises. Through the data that provides, this survey aims to present the performance in the industry in quarterly periods (*B – Mining and Quarrying, C – Manufacturing, D - Electricity, gas, steam and air conditioning supply, and E - Water supply, waste management and treatment activities*) and to understand the cycle of the development in the industry.

At the same time, the results of this research are used for the needs of national accounts and are an important source in the compilation of Gross Domestic Product by production approach on a quarterly basis.

You can send your proposals, suggestions and remarks to the web address [infoask@rks-gov.net](mailto:infoask@rks-gov.net)

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**List of Symbols and Abbreviations**

KAS - Kosovo Agency of Statistics  
NEA - Nomenclature of Economic Activities  
SBR - Statistical Business Register  
STES - Short-term Enterprise Statistics

Q1 - First quarter  
Q2 - Second quarter  
Q3 - Third quarter  
Q4 - Fourth quarter

## Symbols

: - Data not available  
N/A - Not applicable

## List of Contents

|                                                                                                                  | Page |
|------------------------------------------------------------------------------------------------------------------|------|
| 1. Objective, methodology and scope of the survey.....                                                           | 4    |
| 1.1. Objective and purpose .....                                                                                 | 4    |
| 1.2. Scope of the survey .....                                                                                   | 4    |
| 1.3. Data collection procedures .....                                                                            | 4    |
| 1.4. Sampling frame and sampling selection .....                                                                 | 5    |
| 2. Definitions and key indicators.....                                                                           | 6    |
| 2.1. Definitions .....                                                                                           | 6    |
| 2.2. Key indicators.....                                                                                         | 6    |
| 3. Industry.....                                                                                                 | 7    |
| 3.1. Structure of volume in industrial activities (B,C, D and E) .....                                           | 7    |
| 3.2. Number of employees by industrial activity (B, C, D and E).....                                             | 7    |
| 4. Industrial production volume index and the number of employees by industrial activity<br>(B, C, D and E)..... | 8    |
| 4.1. Industrial production volume indext .....                                                                   | 8    |
| 4.2. Index of number of employees in idustrial activity.....                                                     | 11   |

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## 1 Objective, methodology and scope of the survey

### 1.1. Objective and purpose

The main objective of the Survey of the short-term industry statistics is to present trends over quarterly periods in sectors (B, C, D and E) of the Nomenclature of Economic Activities NACE Rev.2, through several economic indicators which enables comparability of data in international level taking into account European standards for quarterly statistics. The survey aims to meet the requirements for more comprehensive statistical information in conditions of market economy and provides data on the economic activities of enterprises that exercise the activities in the industry (B, C, D and E) throughout the country.

Purpose - Short-term statistics represent the performance of the country's economy in quarterly periods through which to understand the development of the economic cycle and projections for the near future.

The quarterly survey aims to present the performance of the main economic indicators of economic enterprises in quarterly periods.

### 1.2. Scope of the survey

Based on the main activity, this quarterly survey includes enterprises that carry out these activities:

1. Industry which consists of Mining and Quarrying (05 – 33)
2. Electricity (35)
3. Water supply; sewerage, waste management and remediation activities (36-39).

### 1.3. Data collection procedures

Data collection was conducted mainly through the method of:

- direct interview by KAS surveyors.
- sending the questionnaire electronically.
- Leaving the questionnaire to be completed by the business.

Filed survey occurs 20 days after the end of the quarter and the deadline for collecting the data in the field is 40 days after going out in the field work.

#### **1.4. Sampling frame and sampling selection**

For creation (definition) of sampling frame were used the data from the statistical register of businesses. All enterprises that have declared one of the taxes during the reference years for the previous years are considered active. The sampling selection was made on the basis of the criterion which includes all enterprises that represent 80% of the turnover for the respective activity of NACE Rev2. The number of enterprises included in the survey is 720 enterprises that deal with industrial production.

## 2. Definitions and key indicators

### 2.1. Definitions

**Enterprise** is the smallest unit of combination of legal unit with the manufacture or services unit which is independent in decision-making, especially for the use of its material and monetary resources. An enterprise may carry one or several economic activities.

**Active enterprise** – is considered an enterprise that has declared one of the taxes or any employees during the reference year.

**Value of volume from industrial production** - represents the volume of output by excluding value added tax.

**Indices** – express the change in time of a given variable or variables as a whole. Volume index is calculated by the Laspeyres formula.

**Turnover value index of production** - the turnover value index target is to represent the volume of industrial production.

**Number of employees** - total number of paid employees working in the enterprise (excluding family members who work without a pay).

**Index of number of employees** - employment index represents the employment performance of the surveyed enterprises.

### 2.2. Key indicators

Indicators - are given in index form, annual change in percentage, quarterly change in percentage of base reference year, currently 2017 = 100.

The data do not represent absolute values.

Indices – express the timely change of a given variable or set of variables.

Annual change in percentage - measures the change in percentage of the economic indicator of the current quarter against the same quarter of the previous year.

Quarterly change in percentage - measures the change in percentage change of economic indicator of the current quarter against the previous quarter of the same year.

Revision – indices can be revised due to several reasons: Additional information, methodological changes or re-estimates of coefficients used, etc.

### 3 Industry

#### 3.1. Structure of volume in industrial activities (B,C, D and E)

##### Third Quarter 2020 - Third Quarter 2021

Compared to the same quarter of the previous year (Q3 - 2020), there is an increase in sector of Mining and quarrying industry (B) by 111.54%, there was also an increase in the sector of Water supply, waste management and treatment activities (E) by 72.91 %, there was an increase in the sector of Electricity, gas, steam and air conditioning supply (D) by 36.86%, and there was also an increase in the sector of Manufacturing (C) by 3.33%.

##### Third Quarter 2021 - Second Quarter 2021

In the third quarter of 2021, compared to the second quarter of 2021, there was an increase in the sector of Water supply, waste management and treatment activities (E) by 14.14%, there was also an increase in the sector of Manufacturing (C) by 13.28 %, there was also an increase in the sector of Electricity, steam and air conditioning supply (D) by 12.56%, there was also an increase in the sector of Mining and quarrying industry (B) by 9.91%.

#### 3.2. Number of employees by industrial activity (B, C, D and E)

##### Third Quarter 2021 - Third Quarter 2020

Compared to the third quarter of 2020, in the third quarter of 2021 there was an increase in the number of employees in the sector of Water supply, waste management and treatment (E) activities by 55.61%, there was also an increase in the sector of Manufacturing industry (C) by 12.18%, while there was a decrease in the sector of Electricity, gas, steam and air conditioning supply (D) by (3.95%), also there was a decrease in the sector of Mining industry (B) by (0.29 %).

##### Third Quarter 2021- Second Quarter 2021

Compared to the third quarter of 2020, in the third quarter of 2021 there was an increase in the number of employees in the sector of Mining industry (B) by 1.05%, there was also an increase in the sector of water supply, the activities of waste management and treatment (E) 0.48%, also therea was an increase in the sector of Manufacturing industry (C) by 0.34%, while there was a decrease in the sector of Electricity, gas, steam and air conditioning supply (D) by (0.41 %).

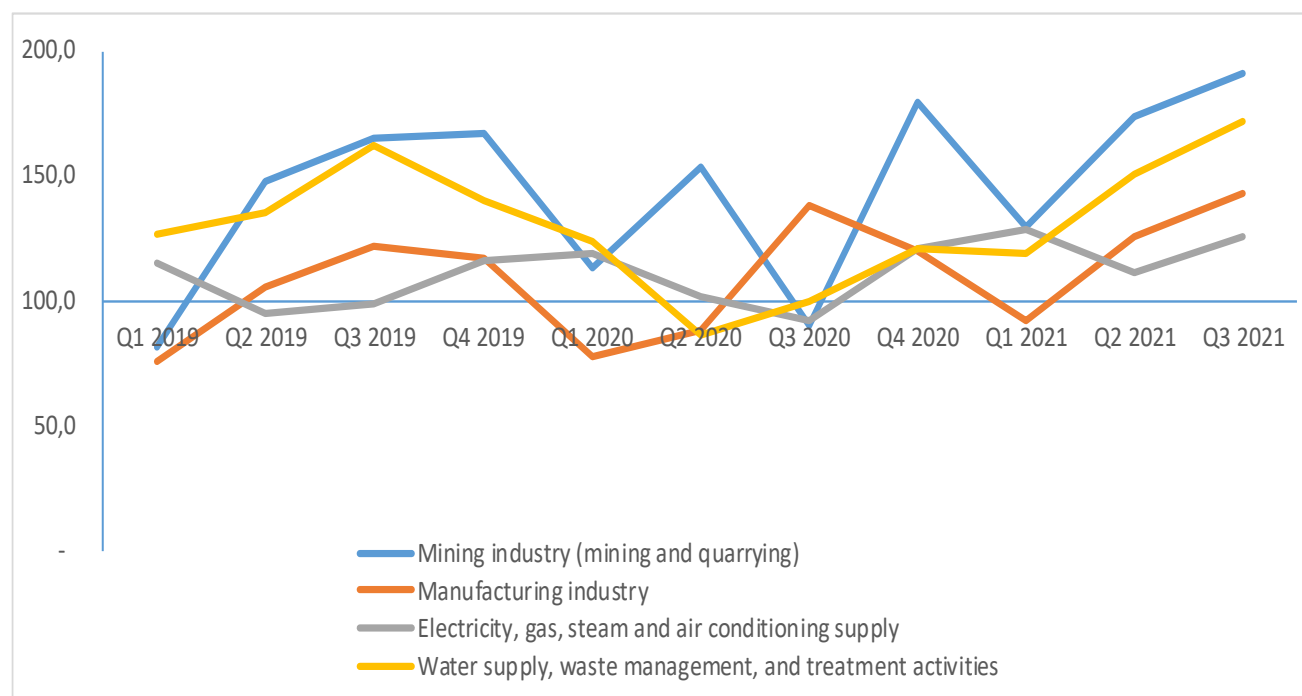
#### 4. Industrial production volume index and the number of employees by industrial activity (B, C, D and E)

##### 4.1. Industrial production volume index

Tab. 1: Industrial production volume index (2017=100)

| Activity                                                 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 |
|----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Mining industry (mining and quarrying)                   | 81,4    | 147,5   | 165,1   | 166,4   | 112,7   | 153,8   | 90,0    | 178,9   | 129,7   | 173,3   | 190,4   |
| Manufacturing industry                                   | 75,6    | 105,5   | 121,9   | 116,6   | 77,3    | 87,7    | 138,0   | 119,8   | 92,2    | 125,9   | 142,6   |
| Electricity, gas, steam and air conditioning supply      | 115,0   | 94,4    | 98,4    | 115,9   | 119,2   | 101,4   | 91,4    | 120,2   | 128,8   | 111,1   | 125,1   |
| Water supply, waste management, and treatment activities | 126,5   | 134,7   | 161,9   | 139,9   | 124,0   | 85,7    | 99,1    | 120,7   | 119,1   | 150,2   | 171,4   |

Graph 1. Industrial production volume index by activity B, C, D and E (2017=100)

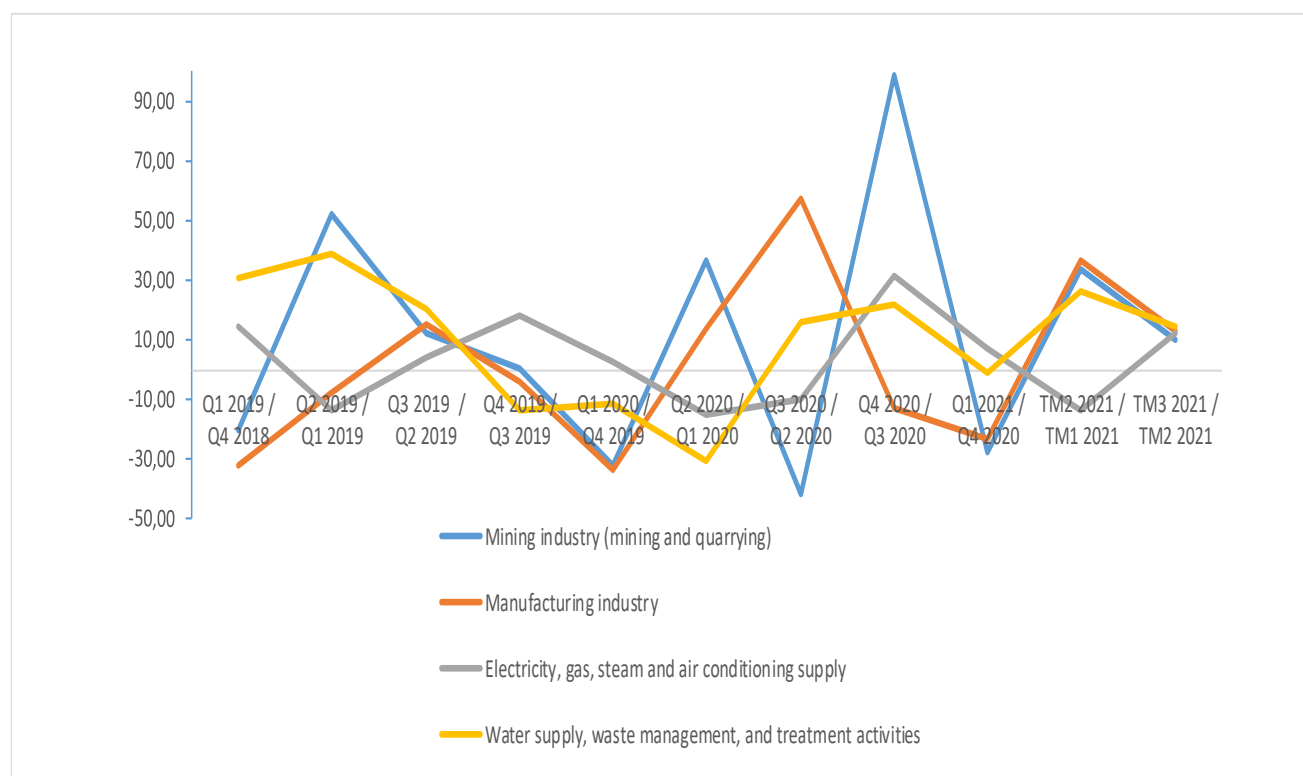




**Tab 1a. Change of the industrial production volume index through quarterly periods with the previous quarter** %

| Activity                                                 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 |
|----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                          | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 |
| Mining industry (mining and quarrying)                   | -20,31  | 52,00   | 11,97   | 0,78    | -32,27  | 36,42   | -41,46  | 98,71   | -27,50  | 33,61   | 9,91    |
| Manufacturing industry                                   | -32,40  | -7,45   | 15,54   | -4,34   | -33,73  | 13,48   | 57,38   | -13,16  | -23,08  | 36,57   | 13,28   |
| Electricity, gas, steam and air conditioning supply      | 14,30   | -13,90  | 4,22    | 17,83   | 2,79    | -14,89  | -9,90   | 31,54   | 7,13    | -13,72  | 12,56   |
| Water supply, waste management, and treatment activities | 30,65   | 38,79   | 20,12   | -13,57  | -11,39  | -30,84  | 15,66   | 21,76   | -1,34   | 26,10   | 14,14   |

**Graph 2. Change of the industrial production volume index by activity B, C, D and E (2017=100)**



**Tab 1b. Change of the industrial production volume index in quarterly periods with the same quarter of the previous year**

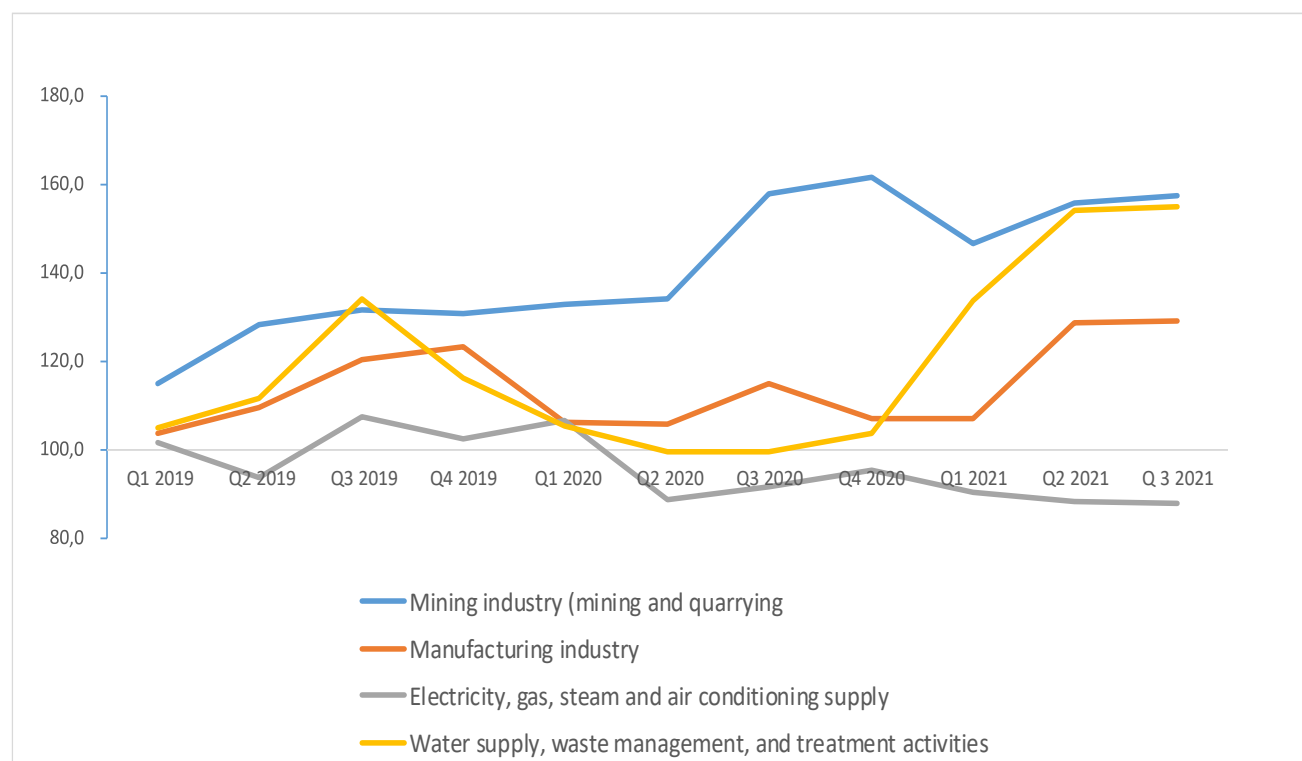
| Activity                                                 | Q1 2018 | Q2 2018 | Q3 2018 | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 |
|----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                          | Q1 2017 | Q2 2017 | Q3 2017 | Q4 2017 | Q1 2018 | Q2 2018 | Q3 2018 | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 |
| Mining industry (mining and quarrying)                   | -11,30  | 9,93    | 5,53    | -15,29  | 27,18   | 38,88   | 41,26   | 62,99   | 38,53   | 4,27    | -45,48  | 7,50    | 15,05   | 12,69   | 111,54  |
| Manufacturing industry                                   | 3,40    | 0,11    | -3,22   | -3,61   | 2,32    | 4,23    | 13,09   | 4,20    | 2,14    | -16,89  | 13,21   | 2,77    | 19,29   | 43,56   | 3,33    |
| Electricity, gas, steam and air conditioning supply      | -0,67   | -9,30   | 9,56    | 3,78    | 0,48    | 5,02    | 1,15    | 15,29   | 3,67    | 7,43    | -7,12   | 3,69    | 8,07    | 9,56    | 36,86   |
| Water supply, waste management, and treatment activities | 49,87   | 5,00    | -6,96   | -9,42   | -5,68   | 28,09   | 68,15   | 44,50   | -2,00   | -36,38  | -38,75  | -13,71  | -3,92   | 75,20   | 72,91   |

## 4.2. Index of number of employees in industrial activity

Tab 2. Index of number of employees in industrial activity (2017=100)

| Activity                                                 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q 3 2021 |
|----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| Mining industry (mining and quarrying)                   | 114,8   | 128,4   | 131,5   | 130,6   | 132,5   | 134,0   | 157,9   | 161,6   | 146,6   | 155,8   | 157,5    |
| Manufacturing industry                                   | 103,7   | 109,2   | 120,4   | 123,1   | 105,9   | 105,6   | 114,8   | 106,9   | 107,1   | 128,4   | 128,8    |
| Electricity, gas, steam and air conditioning supply      | 101,5   | 93,5    | 107,2   | 102,4   | 106,5   | 88,8    | 91,6    | 95,2    | 90,3    | 88,3    | 87,9     |
| Water supply, waste management, and treatment activities | 104,8   | 111,7   | 134,2   | 116,0   | 105,2   | 99,6    | 99,5    | 103,8   | 133,6   | 154,0   | 154,8    |

Graph 3. Number of employees by activity B, C, D and E (2017=100)



**Tab 2a. Change of the index of number of employees in industrial activity through quarterly periods with the previous quarter**

| Activity                                                 | Q4 2017 | Q1 2018 | Q2 2018 | Q3 2018 | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 |
|----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                          | Q3 2017 | Q4 2017 | Q1 2018 | Q2 2018 | Q3 2018 | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 |
| Mining industry (mining and quarrying)                   | -3,94   | -5,75   | 8,01    | 16,77   | -6,31   | 3,89    | 11,82   | 2,45    | -0,70   | 1,50    | 1,11    | 17,84   | 2,33    | -9,27   | 6,30    | 1,05    |
| Manufacturing industry                                   | -2,48   | 0,03    | 2,90    | 0,30    | -2,64   | 2,01    | 5,33    | 10,21   | 2,21    | -13,91  | -0,31   | 8,73    | -6,90   | 0,17    | 19,87   | 0,34    |
| Electricity, gas, steam and air conditioning supply      | -0,57   | -0,66   | -0,76   | -1,62   | 0,32    | 5,16    | -7,87   | 14,62   | -4,48   | 4,05    | -16,67  | 3,11    | 3,98    | -5,14   | -2,21   | -0,41   |
| Water supply, waste management, and treatment activities | 3,37    | -3,52   | 6,11    | 4,75    | 1,37    | -9,50   | 6,54    | 20,12   | -13,57  | -9,26   | -5,35   | -0,13   | 4,35    | 28,74   | 15,28   | 0,48    |

**Graph 4. Change of the number of employees by activity B, C, D and E (2017=100)**



**Tab 2b . Change of the index of number of employees in industrial activity through quarterly periods with the same quarter of the previous year**

| Activity                                                 | Q1 2018 | Q2 2018 | Q3 2018 | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 | Q1 2020 | Q2 2020 | Q3 2020 |
|----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                          | Q1 2017 | Q2 2017 | Q3 2017 | Q4 2017 | Q1 2018 | Q2 2018 | Q3 2018 | Q4 2018 | Q1 2019 | Q2 2019 | Q3 2019 | Q4 2019 | Q1 2021 | Q2 2021 | Q3 2021 |
| Mining industry (mining and quarrying)                   | -6,16   | 3,16    | 14,20   | 11,38   | 22,77   | 27,10   | 11,51   | 18,18   | 15,46   | 4,40    | 20,08   | 23,74   | 10,61   | 16,29   | -0,29   |
| Manufacturing industry                                   | 7,72    | 2,90    | 0,68    | 0,52    | 2,50    | 4,92    | 15,29   | 21,03   | 2,14    | -3,32   | -4,62   | -13,12  | 1,10    | 21,56   | 12,18   |
| Electricity, gas, steam and air conditioning supply      | -2,34   | -2,28   | -3,56   | -2,69   | 3,00    | -4,38   | 11,41   | 6,07    | 4,96    | -5,06   | -14,60  | -7,03   | -15,25  | -0,55   | -3,95   |
| Water supply, waste management, and treatment activities | 12,18   | 10,56   | 10,85   | 8,71    | 1,97    | 2,39    | 17,41   | 0,11    | 0,36    | -10,84  | -25,87  | -10,50  | 26,98   | 54,66   | 55,61   |

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