

## First Release

Year: LXI.

Zagreb, 30 August 2024

USL-2024-2-1/6

ISSN 1334-0557



# SERVICE ACTIVITIES, JUNE 2024

In June 2024, the turnover from service activities increased at the annual level<sup>1)</sup> and decreased at the monthly level<sup>2)</sup>.

**The total seasonally and working-day adjusted turnover from service activities realised in June 2024 decreased by 3.6%, as compared to May 2024**

The highest decrease in the turnover was recorded in the following activities: Accommodation (of 8.3%), Wholesale and retail trade and repair of motor vehicles and motorcycles (of 7.2%) and Computer programming, consultancy and related activities (of 6.6%).

The highest increase in the turnover was recorded in the following activities: Other professional, scientific and technical activities (of 35.8%), Motion picture, video and television programme production, sound recording and music publishing activities (of 8.6%) and Programming and broadcasting activities (of 5.2%).

**The total working-day adjusted turnover from service activities realised in June 2024 increased by 3.9%, as compared to June 2023**

The highest increase in the turnover was recorded in the following activities: Programming and broadcasting activities (of 24.9%), Postal and courier activities (of 22.6%) and Advertising and market research (of 21.9%).

The highest decrease in the turnover was recorded in the following activities: Publishing activities (of 19.4%), Water transport (of 18.9%) and Motion picture, video and television programme production, sound recording and music publishing activities (of 14.2%).

Observing the first six months, the working-day adjusted turnover from service activities increased by 8.4% compared to the same period of the previous year.

1) Data compared to those of the same month of the previous year (the so-called working-day adjusted data).

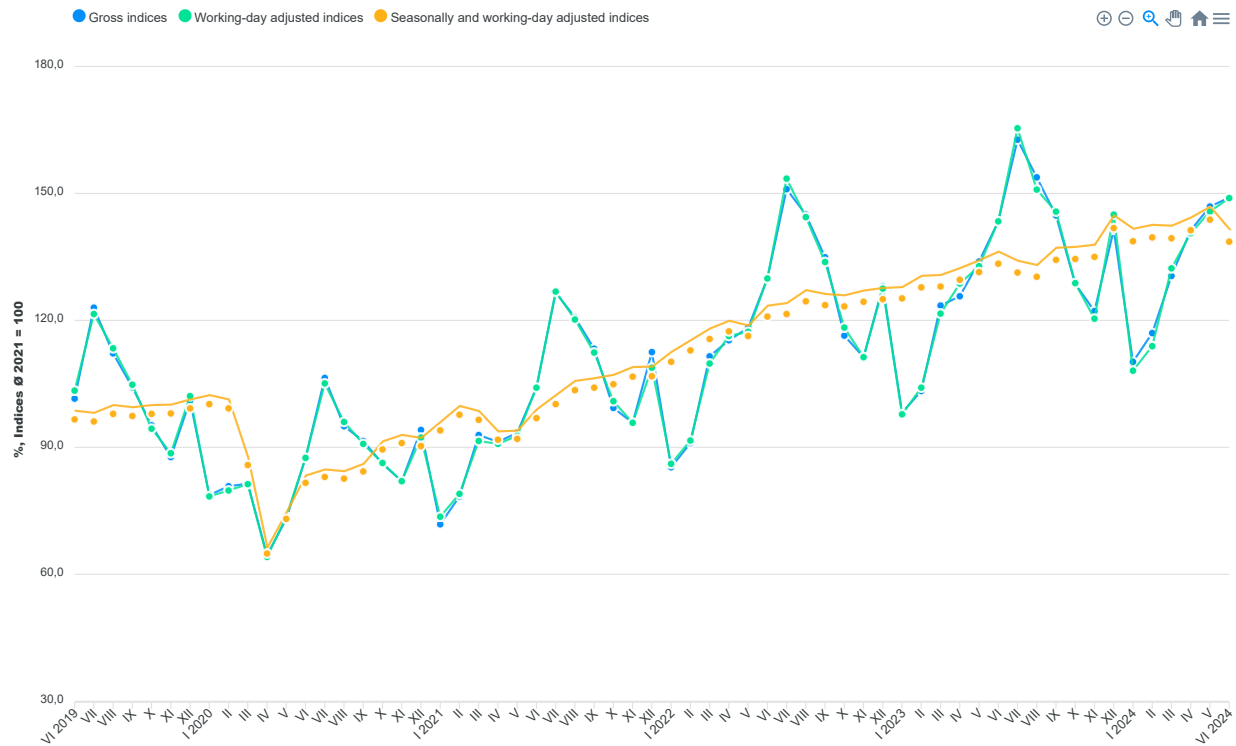
2) Data compared to those of the previous month (the so-called seasonally and working-day adjusted data).

## 1 TURNOVER INDICES, BY MAIN ACTIVITIES OF BUSINESS ENTITIES

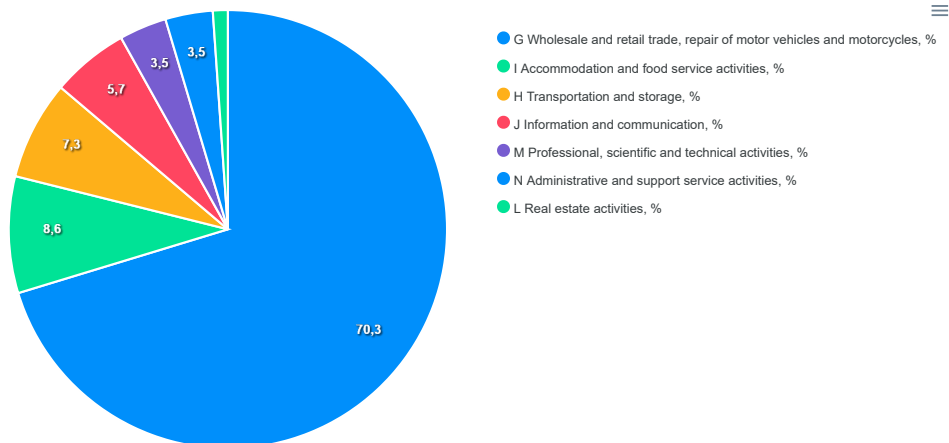
NKD 2007 activity code	VI 2024 V 2024	VI 2024 VI 2023	I – VI 2024 I – VI 2023	VI 2024 Ø 2021		
	Seasonally and working-day adjusted indices <sup>1)</sup>	Working-day adjusted indices <sup>1)</sup>		Gross, unadjusted indices <sup>1)</sup>	Seasonally and working-day adjusted indices <sup>1)</sup>	Working-day adjusted indices <sup>1)</sup>
<b>(G - N) Total services</b>	<b>96,4</b>	<b>103,9</b>	<b>108,4</b>	<b>149,0</b>	<b>138,6</b>	<b>148,9</b>
<b>G Wholesale and retail trade; repair of motor vehicles and motorcycles</b>	<b>97,2</b>	<b>104,8</b>	<b>108,9</b>	<b>146,6</b>	<b>136,2</b>	<b>147,4</b>
G 45 Wholesale and retail trade and repair of motor vehicles and motorcycles	92,8	105,2	113,2	181,1	154,0	183,8
G 46 Wholesale trade, except of motor vehicles and motorcycles	97,8	103,0	106,1	144,3	136,7	144,8
G 47 Retail trade, except of motor vehicles and motorcycles	96,6	106,6	111,1	148,1	136,6	148,7
<b>H Transportation and storage</b>	<b>98,5</b>	<b>104,1</b>	<b>104,4</b>	<b>140,0</b>	<b>136,9</b>	<b>140,2</b>
H 49 Land transport and transport via pipelines	98,8	102,7	105,4	131,7	129,6	132,0
H 50 Water transport	93,4	81,1	77,1	157,6	164,7	157,6
H 51 Air transport	103,2	109,3	103,9	299,9	223,5	299,9
H 52 Warehousing and support activities for transportation	99,3	108,6	108,1	129,9	136,2	129,8
H 53 Postal and courier activities	99,3	122,6	117,2	133,6	134,4	133,6
<b>I Accommodation and food service activities</b>	<b>87,1</b>	<b>104,2</b>	<b>112,7</b>	<b>221,5</b>	<b>180,6</b>	<b>221,5</b>
I 55 Accommodation	91,7	102,7	109,3	223,3	179,0	223,3
I 56 Food and beverage service activities	93,7	105,8	115,4	219,6	191,8	219,6
<b>J Information and communication</b>	<b>97,0</b>	<b>109,9</b>	<b>114,1</b>	<b>136,7</b>	<b>133,6</b>	<b>136,7</b>
J 58 Publishing activities	101,5	80,6	100,3	71,6	113,3	71,6
J 59 Motion picture, video and television programme production, sound recording and music publishing activities	108,6	85,8	88,7	173,8	112,8	173,8
J 60 Programming and broadcasting activities	105,2	124,9	114,9	138,2	129,2	138,2
J 61 Telecommunications	98,6	106,1	109,1	114,7	124,4	114,7
J 62 Computer programming, consultancy and related activities	93,4	103,5	106,9	137,2	128,3	137,1
J 63 Information service activities	101,4	108,5	105,7	139,3	129,1	139,3
<b>L Real estate activities</b>	<b>102,3</b>	<b>109,1</b>	<b>105,6</b>	<b>110,6</b>	<b>124,1</b>	<b>110,8</b>
L 68 Real estate activities	102,3	109,1	105,6	110,6	124,1	110,8
<b>M Professional, scientific and technical activities</b>	<b>100,7</b>	<b>105,0</b>	<b>103,9</b>	<b>122,6</b>	<b>134,5</b>	<b>122,6</b>
M 69 Legal and accounting activities	99,2	108,3	108,2	124,3	126,6	123,9
M 702 Management consultancy activities	93,6	94,7	96,5	101,5	134,1	101,5
M 71 Architectural and engineering activities; technical testing and analysis	98,5	93,1	100,2	115,2	123,3	115,2
M 73 Advertising and market research	100,0	121,9	113,6	149,9	159,0	149,9
M 74 Other professional, scientific and technical activities	135,8	112,3	105,8	124,5	152,2	124,4
<b>N Administrative and support service activities</b>	<b>99,9</b>	<b>109,5</b>	<b>110,0</b>	<b>206,3</b>	<b>175,7</b>	<b>206,3</b>
N 77 Rental and leasing activities	100,4	111,1	109,0	225,3	162,7	225,2
N 78 Employment activities	98,6	103,9	107,4	118,9	130,4	118,9
N 79 Travel agency, tour operator reservation services and related activities	99,6	108,2	110,2	344,2	282,0	344,1
N 80 Security and investigation activities	99,9	118,0	117,2	163,9	142,4	163,9
N 81 Services to buildings and landscape activities	98,5	104,7	110,9	123,3	127,4	123,3
N 82 Office administrative, office support and other business support activities	101,9	113,9	107,4	178,4	174,5	178,3

1) See Notes on Methodology, Presentation of indices.

## G-1 TURNOVER INDICES OF SERVICE ACTIVITIES, BY MONTHS, 2019 – 2024



## G-2 STRUCTURE OF GENERATED TURNOVER, BY ACTIVITIES, ACCORDING TO NKD 2007, JUNE 2024



## NOTES ON METHODOLOGY

### Notice

Since January 2024, the base year has been changed to 2021 and the new observation unit is a kind-of-activity unit (KAU).

The new base year and the new observation unit – kind-of-activity unit (KAU) are defined by Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics, repealing 10 legal acts in the field of business statistics, which concerns short-term business statistics of all Member States.

The time series of the turnover indices of service activities starting with 2010, with the base year 2021 = 100, are published on the dissemination site of the [Croatian Bureau of Statistics](#) in the [STS databases](#) (Short-Term Business Statistics Database) in the area Services under the heading Turnover Indices of Service Activities – monthly data and within [Statistics in Line](#) under the title Economy – Basic Indicators. The tables in databases published with the previous base year (2015 = 100) will no longer be updated.

Precise dissemination dates are listed in the Calendar of Statistical Data Issues for 2024, which is available on the web site of the [Croatian Bureau of Statistics](#).

The monthly indices with the base year 2021, working-day adjusted, seasonally and working-day adjusted and unadjusted, are regularly submitted on the monthly basis to the Eurostat and are available on the [Eurostat's website](#), together with the indicators of all EU Member States they are comparable to.

## Sources and methods of data collection

The data are based on the Monthly Report on Service Activities (USL-M form) and administrative data sources (databases of value added tax reports of the Tax Administration), except data on retail trade activities (division G 47), which were calculated on the basis of the Monthly Report on Retail Trade (TRG-1 form).

The data are collected via a web-based application (the so-called CAWI). The reporting units enter data directly into the USL-M form, which is available on the dissemination site of the [Croatian Bureau of Statistics](#). The period for data collection ranges each month, as a rule, between the 1st and the 25th day in a month for the previous reference month data.

The methodology for this survey is based on the Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics, repealing 10 legal acts in the field of business statistics, and the Commission Implementing Regulation (EU) 2020/1197. This survey is conducted on the basis of the Official Statistics Act (NN, No. 25/20).

The survey is mainly aimed at measuring turnover changes in service activities.

## Coverage and comparability

The survey is carried out by using the sampling method.

The sample is selected once a year. It is based on size and on the annual turnover of business entities.

All medium-sized and large enterprises (sizes 5, 6 and 7) are taken over from the Statistical Business Register. Units marked in the Register as small ones are also included if they exceed the determined threshold according to the turnover.

A subset of units that will be included into the regular survey (USL-M form) is selected from all units selected in the sample. A selection criterion has been determined according to a particular turnover threshold, which has to be covered by these units.

The total sample consists of about 14 000 units, of which about 1 000 are included in the regular Monthly Report on Service Activities (USL-M form).

The main activity is defined for each business entity according to the NKD 2007 (NN, Nos 58/07 and 123/08).

The criterion for determining the size of a business entity is the number of persons in employment. Business entities of size 1 are those employing 0 – 4 persons, of size 2 those employing 5 – 9 persons, of size 3 those employing 10 – 19 persons, of size 4 those employing 20 – 49 persons, of size 5 those employing 50 – 99 persons, of size 6 those employing 100 – 249 persons and of size 7 those employing 250 and more persons.

The statistical unit of the services turnover index is a kind-of-activity unit. The most significant multi-industry enterprises have been divided into kind-of-activity units to improve the homogeneity of the results of statistical surveys by activity as well as their international comparability.

Observation units in the Monthly Report on Service Activities (USL-M form) are business entities (legal entities and tradesmen) that are registered by their main activity in the following sections of the NKD 2007:

- G Wholesale and retail trade; repair of motor vehicles and motorcycles (except division 47),
- H Transportation and storage,
- I Accommodation and food service activities,
- J Information and communication,
- L Real estate activities,
- M Professional, scientific and technical activities (except group 70.1 and divisions 72 and 75)
- N Administrative and support service activities.

## Index presentation

The presentation and interpretation of indices have been entirely harmonised with Eurostat's requirements for the presentation of short-term business indicators and with the Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics, repealing 10 legal acts in the field of business statistics, and with the Commission Implementing Regulation (EU) 2020/1197.

## Seasonal and working-day adjustment method

Since 2016, in the process of seasonal adjustment the software package JDemetra+ and X13 ARIMA method has been used. This process identifies and assesses seasonal and working-day effects in time series by using statistical models and procedures.

The revision of previously published seasonally and working-day adjusted indices is due to several causes. The most common cause is a change in estimated parameters of existing statistical models while conducting new estimates, which occurs due to new observations. Other causes are changes in source data or in applied statistical models.

Calendar effects have significant impact on time series movement, the most common of which are the effect of moving holidays, the effect of the leap year and the effect of working days.

## Seasonally and working-day adjusted indices

The seasonally and working-day adjusted indices imply that the gross indices are adjusted for seasonal and working-day effects. Indices adjusted in that way and associated rates of change in two consecutive observations are used to compare data with data from the previous month.

## Working-day adjusted indices

Working-day adjusted indices imply that the gross indices are adjusted only for calendar effects. Indices adjusted in that way and associated inter-annual rates of change are used to compare data with data from the same month of the previous year.

## Gross, unadjusted indices

This term is used to indicate that indices are not adjusted for seasonal and working-day effects. Gross, unadjusted indices are published, but they are not commented in particular.

Indices are presented as gross, non-deflated indices, that is, the price change effect is not excluded from them.

## Definitions

Turnover (business revenue) is the value of all goods sold and services provided on the market during the reference period, irrespective of whether they are paid for or not. Value added tax is excluded.

In the Monthly Report on Service Activities, business entities report their total turnover (business revenue) generated from both their main and secondary activities and turnover (business revenue) generated only from their main activity.

The turnover indices calculated from the value added tax databases have been obtained from the data on total deliveries (both taxable and non-taxable ones). Deliveries recorded in the value added tax databases can differ from the definition of turnover applied in statistical surveys, which affects the comparability of data.

#### Abbreviations

CAWI	computer-assisted web interview
EC	European Community
EU	European Union
Eurostat	Statistical Office of the European Union
KAU	kind of activity unit
NKD 2007	National Classification of Activities, 2007 version
NN	Narodne novine, official gazette of the Republic of Croatia



The survey whose data are published in this First Release has been conducted with the financial assistance of the European Union. The contents of this document are the sole responsibility of the Croatian Bureau of Statistics and can under no circumstances be regarded as reflecting the position of the European Union.

**Published by the Croatian Bureau of Statistics, Zagreb, Ilica 3, P. O. B. 80**

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