#### **BOSNIA AND HERZEGOVINA** AGENCY FOR STATISTICS OF BOSNIA AND HERZEGOVINA



# FIRST RELEASE





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YEAR VIII SARAJEVO, 28.08.2024. NUMBER 2

## **BUSINESS STATISTICS**

## OTHER SERVICES TURNOVER INDICES IN BIH, II QUARTER 2024.

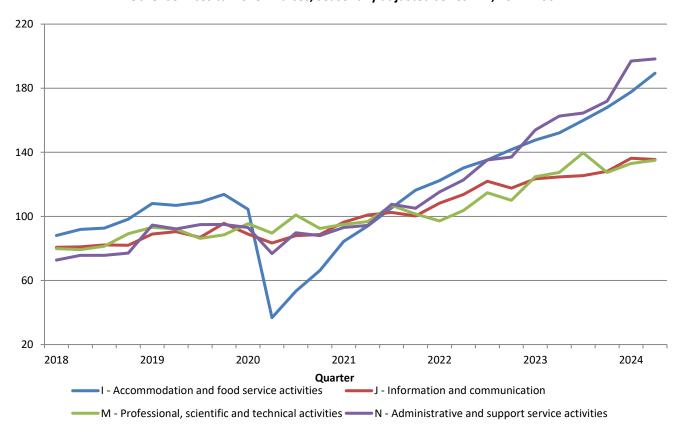
The total seasonally adjusted turnover on other services in the second quarter of 2024 increased by 1.0% compared to the first quarter of 2024. The increase of turnover was recorded in accommodation and food service activities by 6.6%, professional, scientific and technical activities by 1.5% and administrative and support service activities by 0.7%. The decrease of turnover was recorded for information and communications activities by 0.5%.

The highest increase in turnover was recorded in the cleaning activities with a rise of 8.8%, while the largest decrease in turnover was recorded in travel agency, tour operator reservation service and related activities by 9.5%.

The other services turnover index in the second quarter of 2024 increased by 46.4% compared to the base (2021) year. Turnover index increased in accommodation and food service activities by 89.3%, information and communication by 35.6%, administrative and support service activities by 98.3% and in professional, scientific and technical activities by 35.0% compared to the base (2021) year.

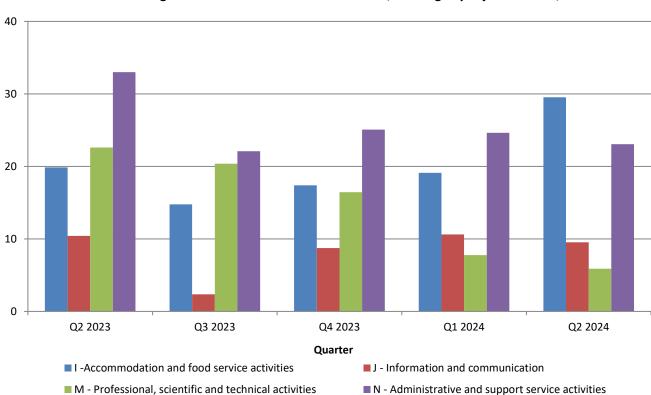
Data are seasonally adjusted.

## Other services turnover indices, seasonally adjusted series BiH, 2021=100



The total turnover of other services, working day adjusted, in the second quarter of 2024 increased by 12.3% compared to the same quarter of the previous year. The turnover increased in the accommodation and food service activities by 29.5%, information and communication by 9.5%, professional, scientific and technical activities by 5.9% and in administrative and support service activities by 23.1%.

The highest increase in turnover was recorded in the motion picture, video and television programme production, sound recording and music publishing activities with a rise of 120.6%, while the highest decline in turnover was recorded in the other professional, scientific and technical activities by 25.9%. Data are working days adjusted.



#### Annual growth rates in other services turnover, working day adjusted series, BiH

In the structure of the realized turnover of other services (gross, unadjusted data) in the second quarter of 2024 the largest share was in information and communication activities (49.1%), followed by professional, scientific and technical activities (25.5%), administrative and support service activities (12.7%), and accommodation and food service activities (12.6%).

Table 1: Basic value indicators of other services turnover in BiH

	S	easonally a	djusted dat	working day adjusted data				
Name of activity- KD BiH 2010	<u>II 2024</u> I 2024	<u>I 2024</u> IV 2023	<u>II 2024</u> ø2023	<u>II 2024</u> ø2021	<u>II 2024</u> II 2023	<u>I 2024</u> I 2023	IV 2023 IV 2022	
Total services	1.0	6.8	10.0	46.4	12.3	12.3	13.3	
I - Accommodation and food service activities	6.6	5.8	20.7	89.3	29.5	19.1	17.4	
J - Information and communication	-0.5	6.4	8.1	35.6	9.5	10.6	8.7	
M <sup>1</sup> - Professional, scientific and technical activities	1.5	4.4	4.0	35.0	5.9	7.8	16.4	
N <sup>2</sup> - Administrative and support service activities	0.7	14.6	21.5	98.3	23.1	24.6	25.1	

<sup>\*</sup>data for previous period are revised

<sup>&</sup>lt;sup>1</sup> excluding group 70.1 and divisions 72 i 75

<sup>&</sup>lt;sup>2</sup> excluding division 77 i groups 81.1 i 81.3

Table 2: Quarterly growth rates of other services turnover calculated from value indices

Table 2.	: Quarterly growth rates of other services turnover calculated from value indices						
Code KD BiH 2010	Activity- KD BiH 2010	II 2023 I 2023	III 2023 II 2023	IV 2023 III 2023	<u>I 2024</u> IV 2023	II 2024 I 2024	
I, J, M, N	Total services	2.0	3.6	-0.3	6.8	1.0	
I	Accommodation and food service activities	3.0	5.2	5.0	5.8	6.6	
155	Accommodation	2.5	3.4	3.4	3.8	5.1	
I56	Food and beverage service activities	3.5	6.7	6.4	7.4	7.7	
J	Information and communication	0.9	0.7	2.1	6.4	-0.5	
J58	Publishing activities	1.9	-18.3	8.0	11.9	3.4	
J59	Motion picture, video and television programme production, sound recording and music publishing activities	-22.2	19.6	6.8	73.1	-0.3	
J60	Programming and broadcasting activities	-0.2	1.4	0.6	1.4	1.6	
J61	Telecommunications	1.7	1.4	0.5	1.5	0.9	
J62	Computer programming, consultancy and related activities	-1.0	0.3	3.2	11.5	-2.4	
J63	Information service activities	22.0	4.8	6.5	-4.9	-2.0	
$M^1$	Professional, scientific and technical activities	2.1	9.6	-8.8	4.4	1.5	
M69, M70.2	Legal and accounting activities, Management consultancy activities	1.7	17.4	-1.2	18.1	3.2	
M71	Architectural and engineering activities; technical testing and analysis	8.4	9.8	-15.1	-3.6	7.2	
M73	Advertising and market research	-11.9	7.4	-1.8	12.7	-9.4	
M74	Other professional, scientific and technical activities	14.1	-11.6	9.0	-7.5	-8.0	
$N^2$	Administrative and support service activities	5.6	1.2	4.5	14.6	0.7	
N78	Employment activities	1.4	10.7	6.7	12.3	6.0	
N79	Travel agency, tour operator reservation service and related activities	7.3	15.9	-13.0	70.0	-9.5	
N80	Security and investigation activities	3.5	-3.1	5.2	5.0	-0.9	
N81.2	Cleaning activities	-7.6	4.7	10.6	-12.7	8.8	
N82	Office administrative, office support and other business support activities	9.5	-4.6	11.7	2.6	6.3	

<sup>\*</sup>seasonally adjusted data

<sup>\*</sup>data for previous period are revised

<sup>&</sup>lt;sup>1</sup> excluding group 70.1 and divisions 72 i 75

 $<sup>^{2}</sup>$  excluding division 77 and groups 81.1 i 81.3

Table 3: Annual growth rates of other services turnover calculated from value indices

	Annual growth rates of other services turnover calculated from value indices					
Code KD BiH 2010	Activity- KD BiH 2010	III 2023 III 2022	IV 2023 IV 2022	<u>I 2024</u> I 2023	<u>II 2024</u> II 2023	<u>I-II 2024</u> I-II 2023
I, J, M, N	Total services	10.4	13.3	12.3	12.3	12.3
I	Accommodation and food service activities	14.8	17.4	19.1	29.5	24.8
I55	Accommodation	8.5	12.4	8.4	24.0	17.3
I56	Food and beverage service activities	21.5	21.6	27.2	34.5	31.0
J	Information and communication	2.4	8.7	10.6	9.5	10.1
J58	Publishing activities	-28.8	-17.7	1.3	3.6	2.4
J59	Motion picture, video and television programme production, sound recording and music publishing activities	-4.8	27.6	72.2	120.6	93.6
J60	Programming and broadcasting activities	3.5	-2.3	3.7	9.8	7.0
J61	Telecommunications	4.7	3.7	5.5	5.5	5.5
J62	Computer programming, consultancy and related activities	2.3	17.2	14.3	12.6	13.4
J63	Information service activities	12.6	10.3	29.4	3.7	15.8
M <sup>1</sup>	Professional, scientific and technical activities	20.4	16.4	7.8	5.9	6.7
M69, M70.2	Legal and accounting activities,  Management consultancy activities	30.5	14.6	39.8	41.4	40.6
M71	Architectural and engineering activities; technical testing and analysis	30.0	20.1	-2.6	-3.7	-3.2
M73	Advertising and market research	4.4	7.5	4.7	7.7	6.3
M74	Other professional, scientific and technical activities	-17.1	39.0	8.6	-25.9	-11.8
$N^2$	Administrative and support service activities	22.1	25.1	24.6	23.1	23.8
N78	Employment activities	7.8	16.3	38.9	47.8	43.5
N79	Travel agency, tour operator reservation service and related activities	33.2	31.6	84.2	55.2	65.0
N80	Security and investigation activities	7.0	9.2	11.0	6.2	8.5
N81.2	Cleaning activities	3.8	24.1	-7.2	9.9	1.4
N82	Office administrative, office support and other business support activities  days adjusted data	34.3	38.1	19.6	16.1	17.7

<sup>\*</sup>working days adjusted data

<sup>\*</sup>data for previous period are revised

<sup>&</sup>lt;sup>1</sup> excluding group 70.1 and divisions 72 i 75

<sup>&</sup>lt;sup>2</sup> excluding division 77 and groups 81.1 i 81.3

Table 4: Quarterly value indices of other services turnover, 2021=100

Code	Activities I/D BHI 2040		2023	2024		
KD BiH 2010	Activity- KD BiH 2010	П	Ш	IV	I	П
I, J, M, N	Total services	131.5	136.3	135.8	145.0	146.4
I	Accommodation and food service activities	152.1	159.9	168.0	177.7	189.3
155	Accommodation	157.0	162.4	167.9	174.4	183.2
I56	Food and beverage service activities	148.1	157.9	168.0	180.4	194.4
J	Information and communication	124.6	125.5	128.1	136.3	135.6
J58	Publishing activities	136.5	111.5	120.5	134.8	139.3
J59	Motion picture, video and television programme production, sound recording and music publishing activities	143.3	171.4	183.1	317.1	316.0
J60	Programming and broadcasting activities	110.6	112.1	112.8	114.4	116.2
J61	Telecommunications	108.1	109.6	110.2	111.8	112.8
J62	Computer programming, consultancy and related activities	152.3	152.8	157.6	175.7	171.5
J63	Information service activities	133.5	139.9	149.0	141.7	138.9
$M^1$	Professional, scientific and technical activities	127.4	139.7	127.4	133.1	135.0
M69, M70.2	Legal and accounting activities, Management consultancy activities	134.9	158.4	156.5	184.9	190.9
M71	Architectural and engineering activities; technical testing and analysis	126.6	139.0	118.0	113.7	121.9
M73	Advertising and market research	115.5	124.0	121.8	137.3	124.4
M74	Other professional, scientific and technical activities	216.2	191.1	208.2	192.6	177.2
$N^2$	Administrative and support service activities	162.5	164.5	171.9	196.9	198.3
N78	Employment activities	136.8	151.4	161.6	181.5	192.4
N79	Travel agency, tour operator reservation service and related activities	252.8	293.0	255.1	433.7	392.3
N80	Security and investigation activities	119.4	115.6	121.6	127.7	126.6
N81.2	Cleaning activities	119.3	124.9	138.1	120.5	131.2
N82	Office administrative, office support and other business support activities	198.4	189.2	211.3	216.8	230.5

<sup>\*</sup>seasonally adjusted data

<sup>\*</sup>data for previous period are revised

<sup>&</sup>lt;sup>1</sup> excluding group 70.1 and divisions 72 i 75

 $<sup>^{2}</sup>$  excluding division 77 and groups 81.1 i 81.3

Table 5: Other services turnover indicies - gross (unadjusted) series

Code		growth rates			turnover indices 2021=100					
KD BiH 2010	Activity- KD BiH 2010	<u>II 2024</u> I 2024	<u>II 2024</u> II 2023	<u>II 2024</u> ø2023	II 2023	III 2023	IV 2023	I 2024	II 2024	
I, J, M, N	Total services	14.3	12.3	10.5	130.7	138.6	147.8	128.5	146.8	
I	Accommodation and food service activities	29.6	29.5	22.4	146.0	195.8	153.6	146.0	189.2	
155	Accommodation	49.4	24.0	20.0	153.0	213.9	148.4	127.1	189.8	
I56	Food and beverage service activities	16.8	34.5	24.5	140.3	181.0	157.9	161.5	188.7	
J	Information and communication	7.6	9.5	7.2	122.7	125.7	140.1	125.0	134.4	
J58	Publishing activities	-1.4	3.6	-2.8	116.8	140.2	120.0	122.8	121.1	
J59	Motion picture, video and television programme production, sound recording and music publishing activities	1.0	120.6	76.7	136.2	160.6	210.8	297.3	300.4	
J60	Programming and broadcasting activities	24.9	9.8	9.6	111.6	106.8	134.4	98.1	122.5	
J61	Telecommunications	7.5	5.5	5.2	108.1	114.2	110.6	106.1	114.0	
J62	Computer programming, consultancy and related activities	9.1	12.6	8.4	148.8	146.0	188.9	153.5	167.5	
J63	Information service activities	-9.6	3.7	1.9	130.5	123.8	161.1	149.7	135.3	
$M^1$	Professional, scientific and technical activities	19.1	5.9	6.1	129.7	130.5	150.8	115.3	137.4	
	Legal and accounting activities, Management consultancy activities	10.4	41.4	36.0	139.7	148.6	164.6	179.0	197.6	
M71	Architectural and engineering activities; technical testing and analysis	25.9	-3.7	-2.0	127.2	126.0	146.9	97.2	122.4	
M73	Advertising and market research	17.9	7.7	6.3	120.5	119.6	143.1	110.0	129.8	
M74	Other professional, scientific and technical activities	-1.7	-25.9	-21.6	217.2	225.7	227.6	163.7	161.0	
$N^2$	Administrative and support service activities	19.4	23.0	23.7	163.7	176.4	176.6	168.7	201.4	
N78	Employment activities	9.8	47.8	45.2	143.0	141.9	159.0	192.6	211.4	
N79	Travel agency, tour operator reservation service and related activities	63.9	55.2	56.4	245.2	396.8	205.2	232.2	380.4	
N80	Security and investigation activities	4.1	6.2	6.0	117.8	115.5	130.5	120.2	125.1	
N81.2	Cleaning activities	19.6	9.9	6.3	129.2	132.0	156.2	118.7	142.0	
N82	Office administrative, office support and other business support activities	13.6	16.1	18.4	199.1	183.7	228.0	203.5	231.2	

<sup>\*</sup>data for previous period are revised

 $<sup>^{1}</sup>$  excluding group 70.1 and divisions 72 i 75

<sup>&</sup>lt;sup>2</sup> excluding division 77 i groups 81.1 i 81.3

## Appendix: Extract from Classification of Activities KD BiH 2010

Code KD BiH 2010	Activity - KD BiH 2010				
I	Accommodation and food service activities				
I55	Accommodation				
I56	Food and beverage service activities				
J	Information and communication				
J58	Publishing activities				
J59	Motion picture, video and television programme production, sound recording and music publishing activities				
J60	Programming and broadcasting activities				
J61	Telecommunications				
J62	Computer programming, consultancy and related activities				
J63	Information service activities				
M	Professional, scientific and technical activities				
M69	Legal and accounting activities				
M70.1	Activities of head offices				
M70.2	Management consultancy activities				
M71	Architectural and engineering activities; technical testing and analysis				
M72	Scientific research and development				
M73	Advertising and market research				
M74	Other professional, scientific and technical activities				
M75	Veterinary activities				
N	Administrative and support service activities				
N77	Rental and leasing activities				
N78	Employment activities				
N79	Travel agency, tour operator reservation service and related activities				
N80	Security and investigation activities				
N81.1	Combined facilities support activities				
N81.2	Cleaning activities				
N81.3	Landscape service activities				
N82	Office administrative, office support and other business support activities				

#### **NOTES ON METHODOLOGY**

#### Aim of the survey

Services statistics take an important place in the national economy and have a major role in recent decades. The reason for this is the large number of business entities registered in services activities, and the fact they have a significant contribution in realized turnover in the country.

Primary goal of other services statistics is to provide timely information on change of level of realized turnover and other relevant indicators. The other services turnover index is one of the indicators of economic activity of the country, which helps government bodies and private sector enterprises in the decision-making process. It is also applied for the estimation of service sector output, household consumption, as well as in the calculation of national accounts. The survey methodology is prescribed by new Regulation (EC) No. 2019/2152 of the European Parliament and of the Council on European business statistics and the Implementing Regulation No. 2020/1197 (hereinafter EBS Regulation) as well as Eurostat's recommendations for this statistical area.

## Coverage

The survey comprises business entities/legal units which are, by the main activity, registered within service activities (sections: I- Accommodation and food service activities, J- Information and communication, M- Professional, scientific and technical activities (excluding group 70.1 and divisions 72 and 75), N- Administrative and support service activities (excluding division 77 and groups 81.1 and 81.3) KD BiH 2010). For the purpose of the survey, Classification of Activities in Bosnia and Herzegovina - KD BiH 2010 was used, and it is fully harmonized with the European Classification of Economic Activities - NACE Rev. 2. The survey covers the entire territory of Bosnia and Herzegovina. Entrepreneurs are not included.

#### Sample design

In conducting survey on other services turnover in BiH the combined method of full coverage and stratified random sampling is used. The sample is divided into strata according to class of financial data (financial report of the previous year) and the activity of business entity (sections I, J, M, N - KD BiH 2010). The number of employees is used as an additional stratification variable. The chosen sample for other services in 2024 is representative at the level of Bosnia and Herzegovina, as well as at the levels of Federation of BiH, Republic of Srpska and District Brčko.

#### Data collection and processing

The three statistical institutions in BiH participate in conducting the survey. The main observation variable is the turnover of business entity, excluding VAT, which is reported separately in accordance with the EBS Regulation. Data collected from the reporting units, using the form M KPS USL 01, is the basis for estimating data for the total population. Aggregation of turnover at higher levels (division, section or special aggregates) of activity is carried out before the compilation of the indices.

Quarterly turnover data series from 2010 to 2013 were obtained by combining data from administrative sources and other statistical surveys. The "overlapping" method was used for the recalculation of the historical data series. At the same time, the data for the reference quarters of 2014 were collected as part of the quarterly survey on other services turnover conducted regularly since 2015.

#### **Compilation of indices**

Other services turnover index is expressed in nominal values and calculated on the base (2021) year, which is applied in the calculation of the index from the first quarter of 2024. Regulation (EU) No. 2019/2152 prescribes the application of a base year 2021, starting from January 2024 in all EU member states. The turnover index is expressed in current prices (the influence of price changes has not been removed).

## Seasonal and working day adjustment of index

Statistical institutions in BiH, considering data dissemination in the EU, are publishing indices in the following forms:

- original/gross (unadjusted) indices,
- · seasonally adjusted indices and
- working-day adjusted indices

Since the seasonally and working-day adjusted indices are far more significant and representative for the users of statistical data, they are listed in tabular form.

Seasonal adjustment means that the data are adjusted for seasonal influences and working-day effects. Data that are compared with data from the previous period are, according to Eurostat's recommendations, presented and interpreted in seasonally adjusted form.

The working-day adjustment indicate that the data are adjusted for the working-day effects. The data that are compared with the data from the same period of the previous year are presented and interpreted in the working-day adjusted form of an index or growth rate. When these working-days effects significantly affect the observed time series, it is necessary to remove them.

Working day and seasonal adjustments are performed in the JDemetra+ application (version 2.2.1) using the TRAMO-SEATS method on the gross series of quarterly data in accordance with the Eurostat guidelines. Because of the characteristics of the applied method of adjustment, adding new observations in the series may lead to a certain change to the earlier, already published seasonally and working-day adjusted index series.

#### **Data dissemination**

Results of the survey are expressed in the form of indices and growth rates and since 2017 are published on a regular quarterly basis in the form of press releases on the website of the Agency for Statistics of BiH (<a href="www.bhas.gov.ba">www.bhas.gov.ba</a>). The presentation and interpretation of the index are in line with those prescribed by EBS Regulation allowing national and international users to compare the BiH other services turnover index with indices of other countries.

#### Data revision

Regular press releases on other services turnover indices are published in the quarterly dynamics and contain preliminary data. Data revision implies that the data for the previous quarter (t-1) are revised in accordance with new information, and it is possible that the data published after revision differ from previously published, preliminary data. In the press release is clearly indicated which data are those so that users of statistical data can properly interpret them. For any change of the data and the reasons for doing that, users will be informed in an appropriate and transparent manner, in regular quarterly press releases and other publications for the public as well as on the website of the Agency for Statistics of BiH.

#### **Definitions**

**Turnover** is the total invoiced amount that a business entity invoice to third parties for goods sold or services provided during the reference period, and it corresponds to the market value. Includes costs associated with the sale, transferred to the customer, even if these amounts are stated separately on invoices. Value Added Tax (VAT) is excluded from the turnover.

#### **Abbreviations**

EU- European Union
Eurostat- Statistical Office of the European Communities
KD BiH 2010- Classification of activities of Bosnia and Herzegovina 2010
NACE Rev.2- European Classification of economic Activities
SBR- Statistical Business Register
STS – Short Term Business Statistics

- no occurrence

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