



# FIRST RELEASE



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## BUSINESS STATISTICS

### OTHER SERVICES TURNOVER INDICES IN BIH, II QUARTER 2023.

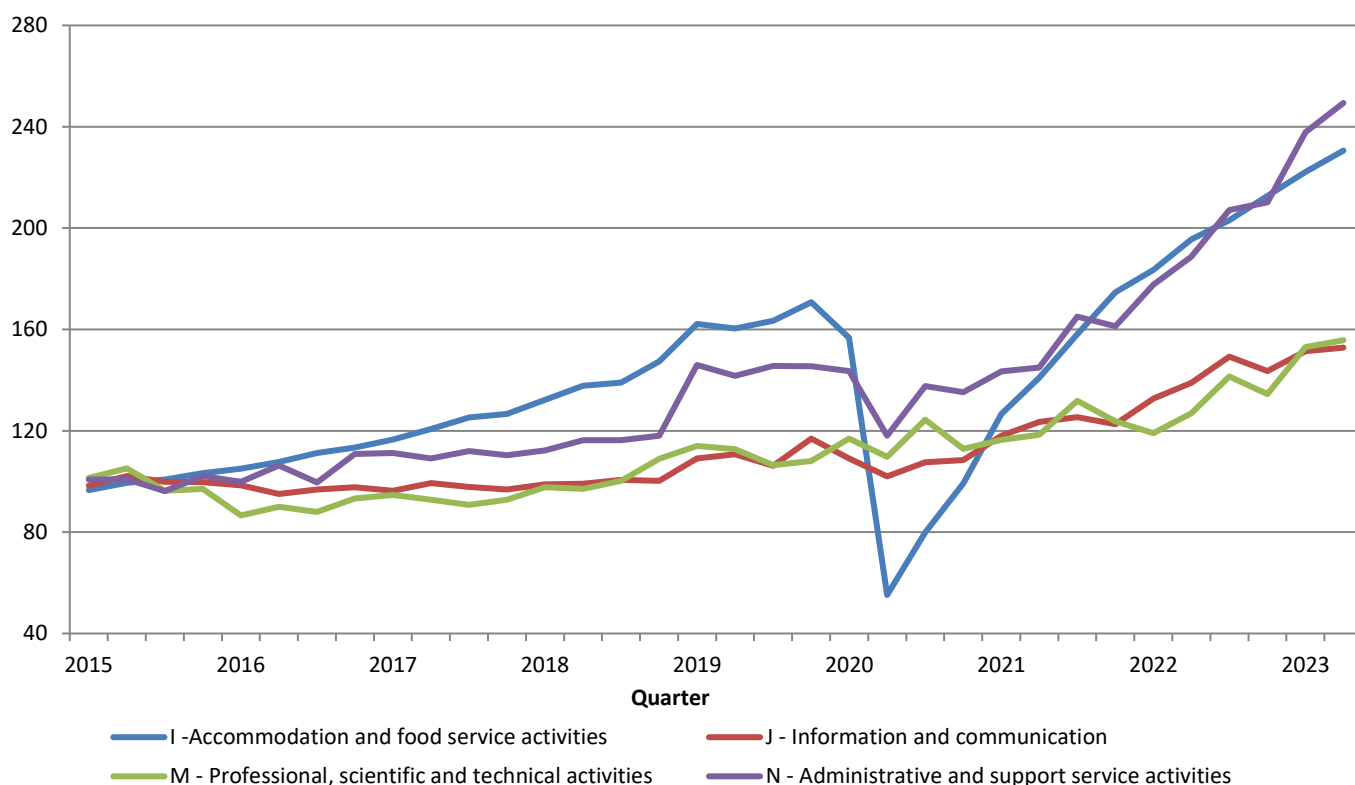
The total seasonally adjusted turnover of other services in the second quarter of 2023 achieved a growth of 1.9% compared to the first quarter of 2023. The growth in turnover was achieved in the areas of information and communication activities by 0.9%, in the activities of providing accommodation and preparation and serving of food by 3.8%, in professional, scientific and technical activities by 1.8%, and in administrative and support service activities by 4.9%.

The highest growth in turnover was recorded in the field of information service activities, amounting to 20.9%, while the largest decline in turnover was recorded in the field of movie, video, and television program production, recording and publishing music records by 23.0%.

The turnover index of other services in the second quarter of 2023 recorded a growth of 67.4% compared to the base year (2015). The growth of the turnover index was achieved in the areas of providing accommodation and preparation and serving of food by 130.6%, information and communication by 52.8%, administrative and support service activities by 149.4%, and in professional, scientific and technical activities by 55.7% compared to the base year (2015).

The given data are seasonally adjusted.

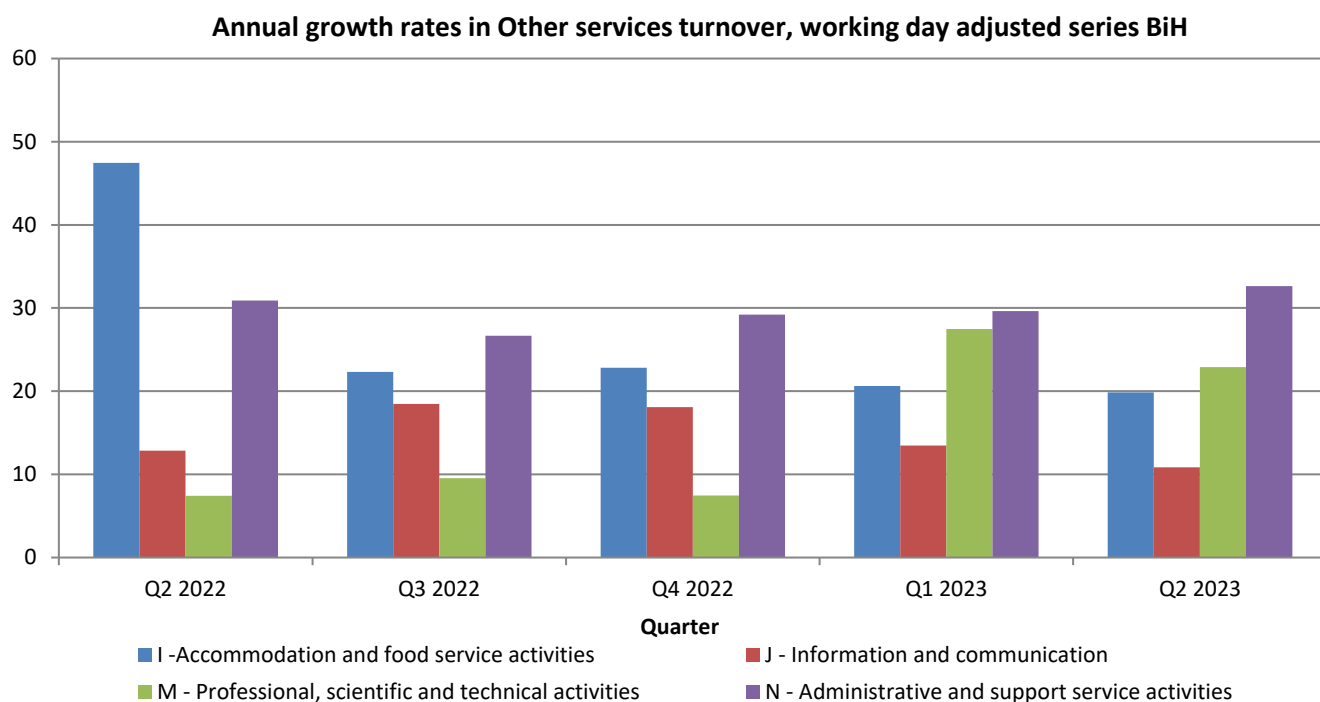
Indices of Other services turnover, seasonally adjusted series BiH, 2015=100



The total turnover of other services, adjusted for the calendar, in the second **quarter** of 2023 achieved a growth of 17.1% compared to the same **quarter** of the previous year. The growth in turnover was recorded in the areas of providing accommodation and preparation and serving of food by 19.9%, information and communication by 10.9%, professional, **scientific** and technical activities by 22.9%, and in administrative and support service activities by 32.6%.

The highest growth in turnover was recorded in the field of travel agencies, travel organizers, tour operators, and other reservation services, amounting to 69.6%, while the decline in turnover was observed in the field of promotions and market research by 8.5%.

The given data are working days adjusted.



In the structure of the realized turnover of other services (original, unadjusted data) in the second **quarter** of 2023, the largest share was achieved in the field of information and communication activities (50.4%), followed by professional, **scientific** and technical activities (27.1%), administrative and support service activities (11.5%), and the provision of accommodation and preparation and serving of food (10.9%).

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

Name of activity- KD BiH 2010	seasonally adjusted data				working day adjusted data		
	<u>II 2023</u> I 2023	<u>I 2023</u> IV 2022	<u>II 2023</u> ø2022	<u>II 2023</u> ø2015	<u>II 2023</u> II 2022	<u>I 2023</u> I 2022	<u>IV 2022</u> IV 2021
Total other services	1,9	8,3	13,9	67,4	17,1	19,20	16,4
I - Accommodation and food service activities	3,8	4,5	53,7	130,6	19,9	20,6	22,8
J - Information and communication	0,9	5,5	24,9	52,8	10,9	13,5	18,1
M <sup>1</sup> - Professional, scientific and technical activities	1,8	13,8	27,0	55,7	22,9	27,5	7,5
N <sup>2</sup> - Administrative and support service activities	4,9	13,2	62,3	149,4	32,6	29,6	29,2

**\*\*data for previous period are revised**

**1 excluding group 70.1 and divisions 72 i 75**

**2 excluding division 77 i groups 81.1 i 81.3**

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

Code KD BiH 2010	Activity- KD BiH 2010	<u>II 2022</u>	<u>III 2022</u>	<u>IV 2022</u>	<u>I 2023</u>	<u>II 2023</u>
		I 2022	II 2022	III 2022	IV 2022	I 2023
<b>I, J, M, N</b>	<b>Total services</b>	5,5	8,3	-2,6	8,3	1,9
	<b>I Accommodation and food service activities</b>	6,5	3,9	4,7	4,5	3,8
155	Accommodation	5,8	4,8	4,2	2,5	4,2
156	Food and beverage service activities	7,1	3,0	5,2	6,3	3,4
	<b>J Information and communication</b>	4,7	7,4	-3,8	5,5	0,9
J58	Publishing activities	-2,4	25,6	-2,4	-2,4	3,3
J59	Motion picture, video and television programme production, sound recording and music publishing activities	9,1	62,0	-20,1	31,6	-23,0
J60	Programming and broadcasting activities	1,4	3,0	3,7	-0,3	0,2
J61	Telecommunications	0,6	2,3	0,2	1,1	1,2
J62	Computer programming, consultancy and related activities	12,0	12,4	-10,2	15,2	-0,5
J63	Information service activities	1,8	2,8	9,0	-20,4	20,9
	<b>M<sup>1</sup> Professional, scientific and technical activities</b>	6,5	11,5	-5,0	13,8	1,8
M69, M70.2	Legal and accounting activities, Management consultancy activities	3,1	4,8	8,6	-0,1	-0,8
M71	Architectural and engineering activities; technical testing and analysis	0,2	24,5	-9,3	18,6	9,5
M73	Advertising and market research	19,9	-6,3	-4,9	17,0	-12,3
M74	Other professional, scientific and technical activities	9,5	26,8	-6,3	1,9	6,5
	<b>N<sup>2</sup> Administrative and support service activities</b>	6,2	9,8	1,5	13,2	4,9
N78	Employment activities	4,4	7,0	0,3	3,4	1,2
N79	Travel agency, tour operator reservation service and related activities	56,2	48,1	-13,9	26,1	5,4
N80	Security and investigation activities	1,0	0,9	4,1	4,4	1,9
N81.2	Cleaning activities	-5,1	1,1	-4,5	9,1	-5,7
N82	Office administrative, office support and other business support activities	1,6	5,7	8,8	18,3	9,2

\*seasonally adjusted data

\*data for previous period are revised

1 excluding group 70.1 and divisions 72 i 75

2 excluding division 77 and groups 81.1 i 81.3

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

<b>Code KD BiH 2010</b>	<b>Activity- KD BiH 2010</b>	<u>III 2022</u> III 2021	<u>IV 2022</u> IV 2021	<u>I 2023</u> I 2022	<u>II 2023</u> II 2022	<u>I-II 2023</u> I-II 2022
<b>I, J, M, N</b>	<b>Total services</b>	17,5	16,4	19,2	17,1	18,1
<b>I</b>	<b>Accommodation and food service activities</b>	22,3	22,8	20,6	19,9	20,2
I55	Accommodation	28,5	30,2	11,6	20,0	16,2
I56	Food and beverage service activities	16,2	17,3	28,5	19,7	23,7
<b>J</b>	<b>Information and communication</b>	18,5	18,1	13,5	10,9	12,1
J58	Publishing activities	66,1	38,8	16,1	22,9	19,3
J59	Motion picture, video and television programme production, sound recording and music publishing activities	58,1	28,1	86,0	31,0	57,0
J60	Programming and broadcasting activities	4,5	19,3	6,2	6,8	6,5
J61	Telecommunications	4,1	2,2	4,4	6,9	5,7
J62	Computer programming, consultancy and related activities	38,8	40,4	30,3	15,8	22,2
J63	Information service activities	23,9	21,6	-9,6	7,7	-1,2
<b>M<sup>1</sup></b>	<b>Professional, scientific and technical activities</b>	9,5	7,5	27,5	22,9	24,9
M69, M70.2	Legal and accounting activities, Management consultancy activities	22,3	26,9	17,3	12,5	14,7
M71	Architectural and engineering activities; technical testing and analysis	-2,2	0,8	34,2	46,5	40,8
M73	Advertising and market research	11,8	8,5	25,1	-8,5	4,5
M74	Other professional, scientific and technical activities	171,9	27,7	12,2	49,7	31,8
<b>N<sup>2</sup></b>	<b>Administrative and support service activities</b>	26,7	29,2	29,6	32,6	31,2
N78	Employment activities	33,5	24,7	16,6	12,7	14,6
N79	Travel agency, tour operator reservation service and related activities	44,4	76,9	151,2	69,6	90,6
N80	Security and investigation activities	6,0	10,3	10,8	11,9	11,4
N81.2	Cleaning activities	23,5	5,4	0,7	-0,8	0,0
N82	Office administrative, office support and other business support activities	35,5	42,1	38,2	48,6	43,6

\*working days adjusted data

\*data for previous period are revised

1 excluding group 70.1 and divisions 72 i 75

2 excluding division 77 and groups 81.1 i 81.3

**Table 4: Quarterly value indices of other services turnover, 2015=100**

Code KD BiH 2010	Activity- KD BiH 2010	2022			2023	
		II	III	IV	I	II
<b>I, J, M, N</b>	<b>Total services</b>	143,9	155,9	151,7	164,3	167,4
	<b>I Accommodation and food service activities</b>	195,5	203,0	212,7	222,2	230,6
I55	Accommodation	173,4	181,7	189,4	194,2	202,3
I56	Food and beverage service activities	221,0	227,7	239,5	254,6	263,3
	<b>J Information and communication</b>	139,0	149,2	143,6	151,5	152,8
J58	Publishing activities	94,8	119,1	116,1	113,3	117,1
J59	Motion picture, video and television programme production, sound recording and music publishing activities	104,7	169,6	135,5	178,4	137,3
J60	Programming and broadcasting activities	132,8	136,7	141,7	141,3	141,6
J61	Telecommunications	94,4	96,5	96,7	97,8	99,0
J62	Computer programming, consultancy and related activities	346,4	389,5	349,8	402,9	401,0
J63	Information service activities	436,3	448,5	488,9	389,3	470,5
	<b>M<sup>1</sup> Professional, scientific and technical activities</b>	126,9	141,5	134,5	153,0	155,7
M69, M70.2	Legal and accounting activities, Management consultancy activities	197,6	207,1	224,8	224,5	222,7
M71	Architectural and engineering activities; technical testing and analysis	90,6	112,8	102,3	121,3	132,8
M73	Advertising and market research	184,8	173,2	164,8	192,8	169,1
M74	Other professional, scientific and technical activities	437,0	554,2	519,4	529,5	563,9
	<b>N<sup>2</sup> Administrative and support service activities</b>	188,7	207,2	210,2	237,9	249,4
N78	Employment activities	197,1	211,0	211,6	218,8	221,4
N79	Travel agency, tour operator reservation service and related activities	102,2	151,4	130,4	164,4	173,3
N80	Security and investigation activities	135,9	137,0	142,6	148,9	151,7
N81.2	Cleaning activities	160,7	162,4	155,1	169,2	159,6
N82	Office administrative, office support and other business support activities	616,2	651,6	709,0	838,4	915,7

\*seasonally adjusted data

\*data for previous period are revised

1 excluding group 70.1 and divisions 72 i 75

2 excluding division 77 and groups 81.1 i 81.3

**Table 5: Other services turnover indicies - gross (non-adjusted) series**

Code KD BiH 2010	Activity- KD BiH 2010	growth rates			turnover indices 2015=100				
		II 2023 I 2023	II 2023 II 2022	II 2023 ø2022	II 2022	III 2022	IV 2022	I 2023	II 2023
<b>I, J, M, N</b>	<b>Total services</b>	14,6	17,2	13,0	142,5	159,9	166,1	145,6	166,9
<b>I</b>	<b>Accommodation and food service activities</b>	19,1	19,9	11,3	186,2	260,8	200,0	187,3	223,2
I55	Accommodation	30,6	20,0	9,0	164,7	254,6	170,6	151,4	197,7
I56	Food and beverage service activities	10,4	19,7	13,4	210,6	267,8	233,6	228,4	252,2
<b>J</b>	<b>Information and communication</b>	9,0	10,9	6,6	135,8	150,1	157,5	138,1	150,6
J58	Publishing activities	-3,7	22,9	-13,8	77,0	159,6	118,1	98,3	94,7
J59	Motion picture, video and television programme production, sound recording and music publishing activities	-21,1	31,0	2,6	99,8	161,9	158,6	165,8	130,7
J60	Programming and broadcasting activities	18,3	6,8	3,0	131,5	129,4	172,5	118,7	140,4
J61	Telecommunications	7,5	6,9	4,6	93,2	100,6	98,4	92,7	99,7
J62	Computer programming, consultancy and related activities	11,9	15,8	12,0	336,6	370,2	417,9	348,3	389,6
J63	Information service activities	12,8	7,7	3,3	432,1	392,0	520,9	412,5	465,4
<b>M<sup>1</sup></b>	<b>Professional, scientific and technical activities</b>	21,5	22,9	21,6	129,8	133,0	158,9	131,3	159,5
M69, M70.2	Legal and accounting activities, Management consultancy activities	8,1	12,5	13,0	206,2	190,8	240,7	214,6	231,9
M71	Architectural and engineering activities; technical testing and analysis	27,7	46,5	34,0	91,1	101,4	128,0	104,5	133,5
M73	Advertising and market research	15,4	-8,5	4,5	193,5	167,1	194,3	153,4	177,0
M74	Other professional, scientific and technical activities	46,5	49,7	23,0	407,6	752,8	452,4	416,7	610,2
<b>N<sup>2</sup></b>	<b>Administrative and support service activities</b>	21,2	33,1	27,6	191,4	224,8	220,4	210,1	254,7
N78	Employment activities	3,2	12,7	11,3	198,6	206,0	213,9	216,9	223,9
N79	Travel agency, tour operator reservation service and related activities	94,5	69,6	51,2	112,2	231,1	120,9	97,8	190,2
N80	Security and investigation activities	7,6	11,9	8,6	133,3	138,2	152,9	138,5	149,1
N81.2	Cleaning activities	10,6	4,6	6,3	162,1	158,2	165,2	153,3	169,5
N82	Office administrative, office support and other business support activities	17,0	48,6	42,5	617,3	630,2	760,4	784,0	917,3

*\*data for previous period are revised*

*1 excluding group 70.1 and divisions 72 i 75*

*2 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
<b>I</b>	<b>Accommodation and food service activities</b>
I55	Accommodation
I56	Food and beverage service activities
<b>J</b>	<b>Information and communication</b>
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
<b>M</b>	<b>Professional, scientific and technical activities</b>
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
<b>N</b>	<b>Administrative and support service activities</b>
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

## METHODOLOGY NOTES

### 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 engaged in services, especially in trade activities, and the fact they have a significant contribution in realized turnover of BiH.

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 in 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. Survey methodology is completely harmonized with the one prescribed by Council Regulation (EC) No.1165/98 concerning short-term statistics from the 1998 (Annex D) and its amendments (hereinafter EU STS regulation) and with Eurostat 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 compliant 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 (divisions of sections I, J, M, N - KD BiH 2010). As an additional stratification variable, the number of employees is used. The chosen sample for other services in 2021 is representative at the level of Bosnia and Herzegovina and at the level of the Federation of BiH, Republic of Srpska and District Brčko.

### Data collection and processing

In conducting the survey the three statistical institutions in BiH participate. The main observation variable is the quarterly turnover of business entity, excluding VAT, which is in accordance with EU-STS regulation separately stated. Data collected from the reporting units, using the form K KPS USL 01, is the basis for the evaluation data for the total population. Aggregation of turnover at higher levels (division, section or special aggregates) of activity is carried out prior to the compilation of indices.

A series of quarterly turnover data from 2010 to 2013 are obtained by the combination of data from administrative sources and other statistical surveys. In the recalculation of historical series of data overlapping method was used. In parallel with the regular quarterly survey on other services turnover, conducted from 2015, data for reference quarters of 2014 are collected.

### Index compilation

Other services turnover indices are expressed in nominal values and is calculated in relation to the new base (2015) year, which is applied in the calculation of the index from the first quarter of 2018. EU Regulation (EC) No. 472/2008 prescribes the application of the base 2015 from January 2018 in EU member states. The turnover index is expressed in current prices (the impact of price changes has not been eliminated).

### 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 (unadjusted) indices,
- seasonally adjusted indices – (SA – seasonally adjusted) and
- working-day adjusted indices (WDA)

Since the seasonally and calendar 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 calendar days. Quarterly indices and growth rates are, according to Eurostat's recommendations, presented and interpreted in seasonally adjusted form.

Working day adjustment implies that the data are adjusted for the impact of calendar and work days. 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 calendar 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 in the series of monthly data and in accordance with the Eurostat guidelines.

Because of the characteristics of the applied method of adjustment, adding new quarterly observations in the series may lead to a certain change to the earlier, already published seasonally and calendar-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 ([www.bhas.gov.ba](http://www.bhas.gov.ba)). The presentation and interpretation of the index is completely in line with those prescribed by EU-STS regulation allowing national and international users to compare the BiH distributive trade 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 stated on which data are used 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 service 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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