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BUSINESS STATISTICS

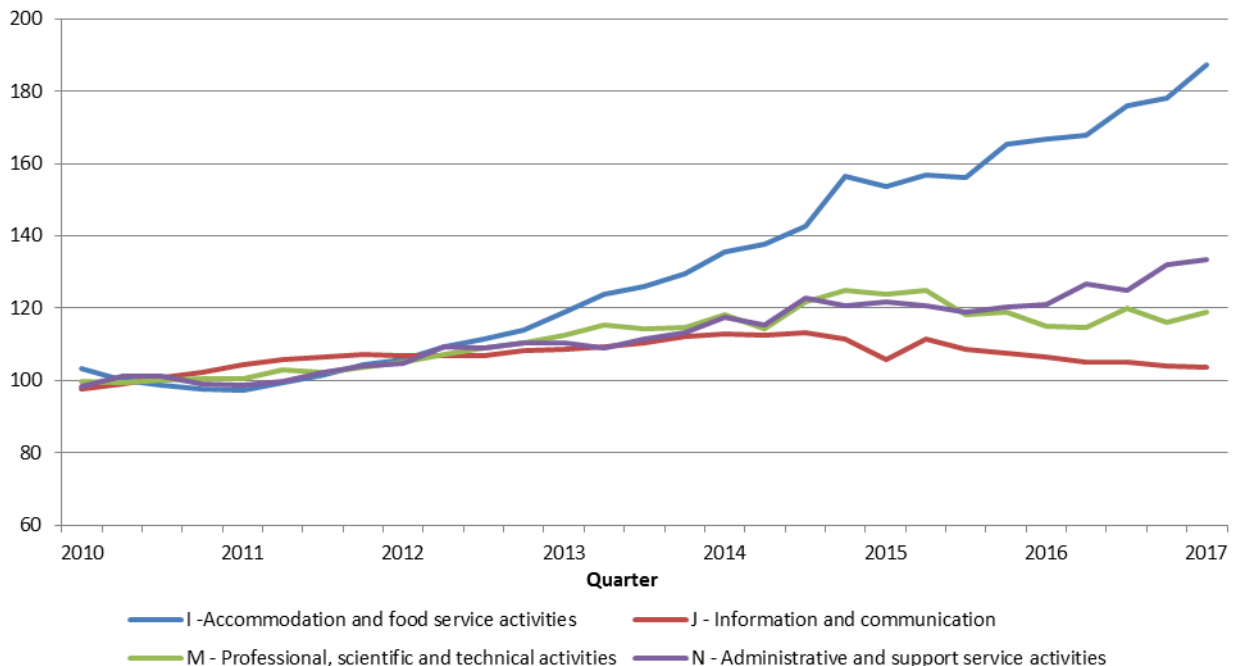
OTHER SERVICES TURNOVER INDICES IN BIH, I QUARTER 2017

Total seasonally adjusted other services trade turnover in BiH in first quarter of 2017 increased by 1.2% compared with the fourth quarter 2016. The increase in turnover was recorded in Accommodation and food service activities by 5.3%, Professional, scientific and technical activities by 2.5%, Administrative and support service activities by 0.9%, while Information and communication recorded the decrease of 0.2%

The highest increase of turnover was realized in the Employment activities for the 15.1%, while the largest decrease of 7.9% was recorded in the Architectural and engineering activities, technical testing and analysis.

Total seasonally adjusted other services index in the first quarter of 2017 recorded an increase of 15.2% compared with the base year (2010). Accommodation and food service activities index recorded a growth by 87.3%, Information and communication by 3.9%, Professional, scientific and technical activities by 19.1% and Administrative and support service activities by 33.3%, compared to the base (2010) year.

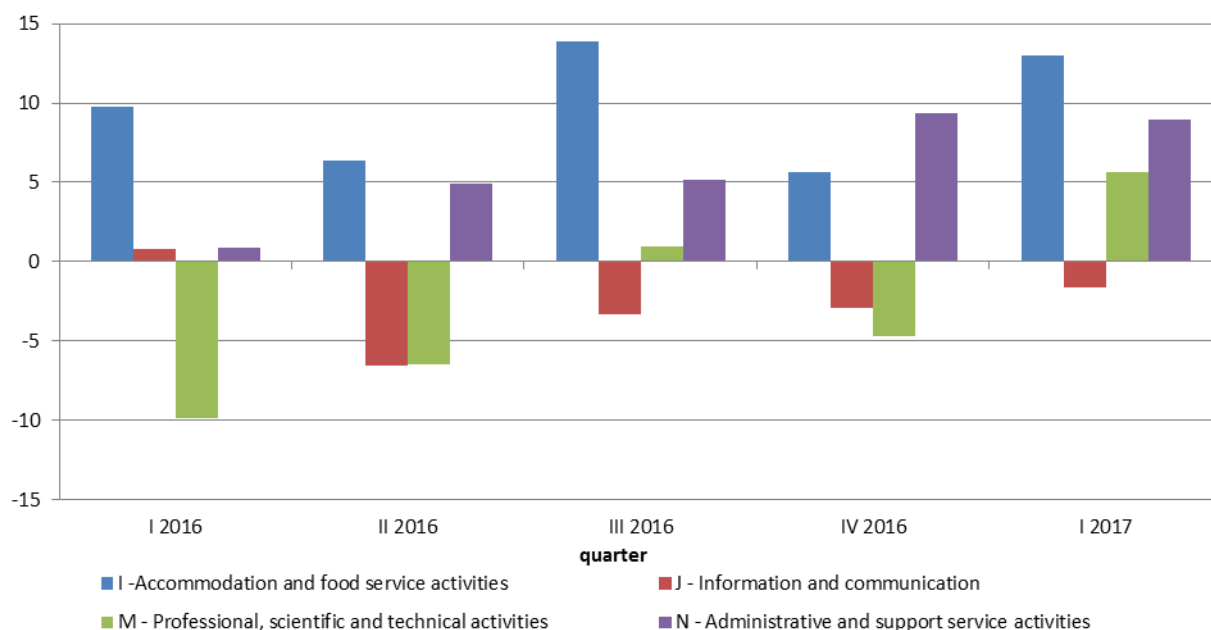
Indices of Other services turnover, seasonally adjusted series BiH (2010=100)



Total other services turnover in BiH, working day adjusted, increased by 2.3% in the first quarter of 2017 compared with the same quarter of 2016. The increase in turnover was recorded in Accommodation and food service activities by 13.0%, Professional, scientific and technical activities by 5.7%, and Administrative and support service activities by 9.0%. The decrease of turnover was recorded in Information and communication by 1.6%

The highest increase was realized in the activity Office administrative, office support and other business support activities (27.2%), while the largest decrease was recorded in the Motion picture, video and television programme production, sound recording and music publishing activities and Information service activities (both by 7.0%).

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



In the structure of total other services turnover (gross, non-adjusted data) the greatest share is realized in the Information and communication (55.8%), followed by Professional, scientific and technical activities (26.9%), Accommodation and food service activities (9.4%) and Administrative and support service activities (7.9%).

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

Name of activity- KD BiH 2010	sasonally adjusted data				working day adjusted data		
	<u>I 2017</u> IV 2016	<u>IV 2016</u> III 2016	<u>I 2017</u> ø2016	<u>I 2017</u> ø2010	<u>I 2017</u> I 2016	<u>IV 2016</u> IV 2015	<u>III 2016</u> III 2015
Total other services	1,2	-0,8	1,2	15,2	2,3	-2,0	0,03
I - Accommodation and food service activities	5,3	1,2	8,8	87,3	13,0	5,7	13,9
J - Information and communication	-0,2	-0,9	-1,2	3,9	-1,6	-2,9	-3,4
M ¹ - Professional, scientific and technical activities	2,5	-3,1	2,3	19,1	5,7	-4,7	1,0
N ² - Administrative and support service activities	0,9	5,8	5,6	33,3	9,0	9,4	5,2

*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	2016				2017
		I	II	III	IV	I
I, J, M, N	Total services	-1,5	-0,4	1,6	-0,8	1,2
	I Accommodation and food service activities	0,9	0,6	4,7	1,2	5,3
I55	Accommodation	1,5	1,5	4,8	1,6	6,1
I56	Food and beverage service activities	0,3	-0,3	4,7	0,7	4,3
	J Information and communication	-1,2	-1,3	0,0	-0,9	-0,2
J58	Publishing activities	0,5	3,4	-0,3	-2,9	-0,7
J59	Motion picture, video and television programme production, sound recording and music publishing activities	-3,8	-4,6	-3,7	-3,4	0,02
J60	Programming and broadcasting activities	-3,5	-0,5	2,6	-2,9	7,3
J61	Telecommunications	-0,9	-1,5	-0,5	-1,2	-0,5
J62	Computer programming, consultancy and related activities	-3,6	-2,9	1,7	3,7	-1,2
J63	Information service activities	7,8	6,1	1,8	-12,7	-1,3
	M¹ Professional, scientific and technical activities	-3,2	-0,4	4,6	-3,1	2,5
M69, M70.2	Legal and accounting activities, Management consultancy activities	-8,5	-1,6	-1,9	2,4	5,0
M71	Architectural and engineering activities; technical testing and analysis	4,4	3,1	14,4	-13,7	-7,9
M73	Advertising and market research	9,3	3,9	-8,8	8,5	4,1
M74	Other professional, scientific and technical activities	7,0	-2,8	13,0	-2,2	12,4
	N² Administrative and support service activities	0,7	4,4	-1,3	5,8	0,9
N78	Employment activities	24,7	9,2	-24,7	27,0	15,1
N79	Travel agency, tour operator reservation service and related activities	-2,8	10,6	2,5	12,9	-6,4
N80	Security and investigation activities	-0,1	-0,4	-0,1	-1,9	1,69
N81.2	Cleaning activities	4,2	2,1	3,8	7,8	-7,0
N82	Office administrative, office support and other business support activities	-9,7	9,1	5,5	2,9	7,4

**seasonally adjusted data*

**data for previous period are revised*

¹ *excluding group 70.1 and divisions 72 i 75*

² *excluding divisions 77 and groups 81.1 i 81.3*

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

Code KD BiH 2010	Activity- KD BiH 2010	2016				2017
		I	II	III	IV	I
I, J, M, N	Total services	-1,6	-4,6	0,03	-2,0	2,3
	I Accommodation and food service activities	9,8	6,4	13,9	5,7	13,0
I55	Accommodation	3,1	2,8	11,6	5,9	16,2
I56	Food and beverage service activities	17,1	11,0	16,9	5,4	9,8
	J Information and communication	0,8	-6,5	-3,4	-2,9	-1,6
J58	Publishing activities	-2,7	4,6	4,0	0,6	-0,6
J59	Motion picture, video and television programme production, sound recording and music publishing activities	-5,8	-41,3	-18,4	-18,8	-7,0
J60	Programming and broadcasting activities	17,0	11,1	15,3	-4,3	6,4
J61	Telecommunications	-1,7	-4,7	-3,4	-4,4	-2,9
J62	Computer programming, consultancy and related activities	9,4	-22,6	-12,6	3,4	3,5
J63	Information service activities	28,6	21,4	38,6	1,6	-7,0
	M¹ Professional, scientific and technical activities	-9,9	-6,5	1,0	-4,7	5,7
M69, M70.2	Legal and accounting activities, Management consultancy activities	-25,3	-20,0	-21,9	-12,5	7,0
M71	Architectural and engineering activities; technical testing and analysis	27,6	25,9	55,2	6,3	-6,2
M73	Advertising and market research	22,0	26,0	-10,0	12,3	7,2
M74	Other professional, scientific and technical activities	18,6	9,1	30,7	14,7	20,9
	N² Administrative and support service activities	0,9	4,9	5,2	9,4	9,0
N78	Employment activities	21,5	9,4	-9,7	30,3	20,4
N79	Travel agency, tour operator reservation service and related activities	-18,4	0,8	6,4	24,5	19,8
N80	Security and investigation activities	5,2	1,4	1,8	-2,5	-0,7
N81.2	Cleaning activities	-3,9	15,8	14,8	19,3	6,1
N82	Office administrative, office support and other business support activities	6,3	15,9	22,7	7,0	27,2

**seasonally adjusted data*

**data for previous period are revised*

¹ *excluding group 70.1 and divisions 72 i 75*

² *excluding divisions 77 and groups 81.1 i 81.3*

Table 4: Quarterly value indices of other services turnover, 2010=100

Code KD BiH 2010	Activity- KD BiH 2010	2016				2017
		I	II	III	IV	I
I, J, M, N	Total services	113,5	113,0	114,8	113,9	115,2
	I Accommodation and food service activities	166,8	167,8	175,8	178,0	187,3
I55	Accommodation	134,3	136,2	142,7	145,1	153,9
I56	Food and beverage service activities	226,4	225,7	236,3	238,1	248,4
	J Information and communication	106,4	105,0	105,0	104,1	103,9
J58	Publishing activities	73,1	75,6	75,3	73,2	72,7
J59	Motion picture, video and television programme production, sound recording and music publishing activities	91,0	86,8	83,5	80,7	80,7
J60	Programming and broadcasting activities	108,0	107,5	110,3	107,1	114,9
J61	Telecommunications	100,4	98,9	98,5	97,3	96,8
J62	Computer programming, consultancy and related activities	182,2	176,9	180,0	186,6	184,3
J63	Information service activities	155,3	164,8	167,8	146,4	144,5
	M¹ Professional, scientific and technical activities	115,1	114,7	119,9	116,2	119,1
M69, M70.2	Legal and accounting activities, Management consultancy activities	98,2	96,7	94,9	97,2	102,0
M71	Architectural and engineering activities; technical testing and analysis	168,5	173,7	198,8	171,5	158,0
M73	Advertising and market research	111,8	116,1	105,9	114,9	119,7
M74	Other professional, scientific and technical activities	128,4	124,8	141,1	137,9	155,0
	N² Administrative and support service activities	121,2	126,6	124,9	132,1	133,3
N78	Employment activities	234,3	255,8	192,7	244,8	281,7
N79	Travel agency, tour operator reservation service and related activities	86,0	95,2	97,5	110,2	103,1
N80	Security and investigation activities	143,2	142,6	142,5	139,8	142,2
N81.2	Cleaning activities	134,4	137,2	142,4	153,5	142,7
N82	Office administrative, office support and other business support activities	88,3	96,4	101,7	104,6	112,3

**seasonally adjusted data*

**data for previous period are revised*

¹ *excluding group 70.1 and divisions 72 i 75*

² *excluding divisions 77 and groups 81.1 i 81.3*

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

Code KD BiH 2010	Activity- KD BiH 2010	growth rates			turnover indices 2010=100				
		I 2017 IV 2016	I 2017 I 2016	I 2017 ø2016	I 2016	II 2016	III 2016	IV 2016	I 2017
I, J, M, N	Total services	-18,8	1,7	-11,0	99,3	113,7	116,5	124,4	101,0
I	Accommodation and food service activities	-0,7	15,0	-7,1	138,4	175,3	211,3	160,2	159,2
155	Accommodation	4,6	14,5	-11,2	108,1	148,2	182,8	118,4	123,8
156	Food and beverage service activities	-5,5	15,6	-2,5	194,3	225,5	263,9	237,6	224,5
J	Information and communication	-14,0	-2,5	-9,2	97,7	102,3	108,9	110,8	95,2
J58	Publishing activities	-16,1	5,3	-12,6	61,3	63,8	93,4	77,0	64,6
J59	Motion picture, video and television programme production, sound recording and music publishing activities	-21,4	-10,4	-6,9	86,2	73,7	73,6	98,3	77,3
J60	Programming and broadcasting activities	-18,0	6,4	-10,3	91,1	117,9	105,1	118,3	97,0
J61	Telecommunications	-8,2	-3,8	-8,7	93,4	98,4	104,1	97,9	89,9
J62	Computer programming, consultancy and related activities	-34,4	1,9	-11,3	157,8	154,7	167,3	245,2	160,8
J63	Information service activities	-1,8	-17,1	-4,0	188,3	157,1	146,1	158,9	156,1
M¹	Professional, scientific and technical activities	-30,9	4,1	-15,4	94,3	119,4	108,2	141,9	98,1
M69, M70.2	Legal and accounting activities, Management consultancy activities	-30,0	7,0	-11,1	79,3	100,4	80,9	121,2	84,9
M71	Architectural and engineering activities; technical testing and analysis	-43,6	-9,8	-33,5	130,2	177,5	191,1	208,1	117,5
M73	Advertising and market research	-28,0	-1,1	-11,8	102,2	114,6	101,4	140,4	101,0
M74	Other professional, scientific and technical activities	-8,4	16,8	4,0	121,9	136,5	134,0	155,5	142,4
N²	Administrative and support service activities	-20,1	11,5	-11,9	100,0	134,3	132,2	139,6	111,5
N78	Employment activities	-10,7	42,0	5,9	173,9	303,9	178,1	276,8	247,0
N79	Travel agency, tour operator reservation service and related activities	-38,1	19,8	-34,7	53,4	107,9	127,0	103,4	64,0
N80	Security and investigation activities	-14,6	0,2	-7,6	129,3	139,6	140,5	151,7	129,6
N81.2	Cleaning activities	-25,6	-2,8	-17,8	121,2	150,3	143,3	158,3	117,7
N82	Office administrative, office support and other business support activities	-10,3	33,5	8,0	81,8	102,9	98,2	121,9	109,3

*data for previous period are revised

¹ excluding group 70.1 and divisions 72 i 75

² excluding divisions 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	Veterinarske djelatnosti
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

METHODOLOGY NOTES

Aim of survey

Services statistics take an important place in the national economy and have 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. 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 services 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. 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 stratificational variable the number of employees is used. The chosen sample for other services in 2017 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 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.

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 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 shown in nominal terms and they are calculated compared with the base year (2010), which is revised every five years according to the EU-STS regulations. Value index of distributive trade is expressed in current prices (unadjusted for price change).

Seasonal and working day adjustment of index

Statistical institutions in BiH, taking into account data dissemination in the EU, are publishing indices in the following forms:

- original (unadjusted) indices,
- seasonally adjusted indices – deseasoned indices (SA – seasonally adjusted) and
- calendar adjusted indices (WDA- working-day adjusted)

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. Calendar 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 calendar adjusted form of an index or growth rate. When these calendar effects significantly affect the observed time series, it is necessary to remove them.

Calendar and seasonal adjustment is performed in Demetra application (version 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 applied method for adjustment, adding new quarterly observations in the series may lead to a certain changes 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.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 an 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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Phone: +387 (33) 911 911 · Telefax: +387 (33) 220 622
E-mail : bhas@bhas.ba · Web site: <http://www.bhas.gov.ba>

Person responsible: Velimir Jukić, Director

Prepared by: Lejla Krehić

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