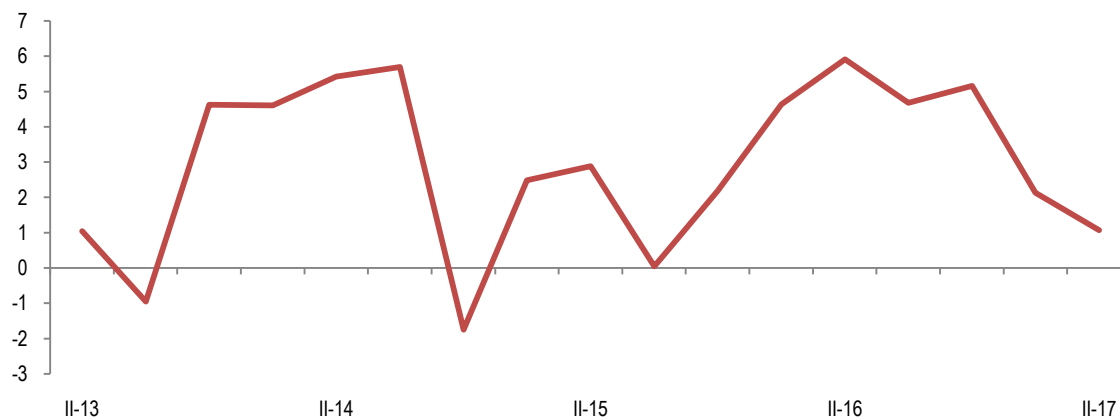INSTAT
Republika e Shqipërisë
Instituti i Statistikave

Short Term Statistics

Services - Second Quarter, 2017

Tirana, 14 September: Services main quarterly indicators, which include the economic activities: Trade, Transport and storage, Hotels, Information and communication, Architectural and engineering activities, Travel agency, in the second quarter 2017 (base year 2010=100), are presented as below:

- Turnover volume index increased by 1.1 %, compared with the second quarter 2016. This indicator seasonally adjusted increased by 0.6 %, compared with the previous quarter;

- The number of employees' index increased by 0.5 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted increased by 2.9 %;

- Wages index increased by 2.0 %, compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted increased by 2.7 %.

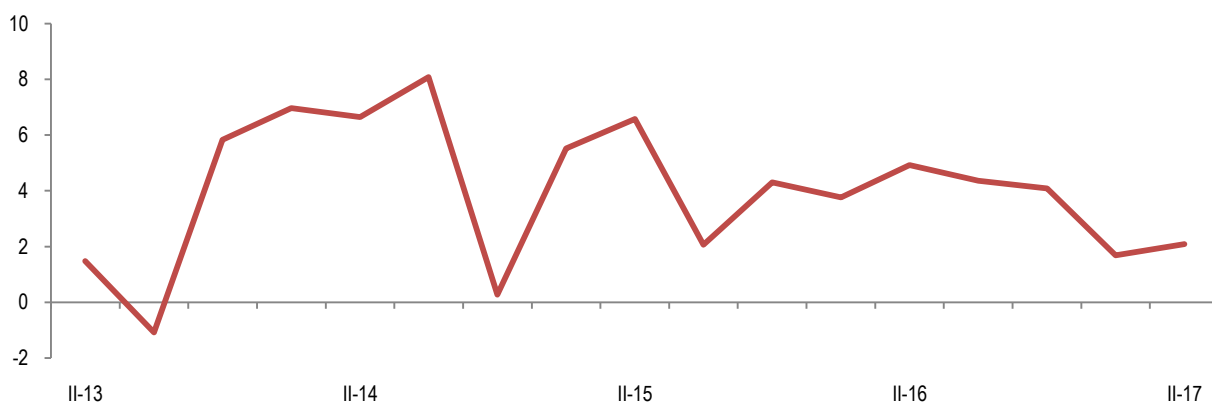**Fig. 1 Annual changes in Turnover volum index Services**

Trade

Trade main quarterly indicators, which include the economic activities: Wholesale and retail sale of motor vehicles and repair of motor vehicles, Wholesale trade, in the second quarter 2017 (base year 2010=100), are prestented as belows:

- Turnover volume index increased by 2.1 %, compared with the second quarter 2016. This indicator seasonally adjusted increased by 1.8 %, compared with the previous quarter;
- The number of employees' index increased by 1.2 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted increased by 3.4 %;
- Wages index decreased by 1.5 %, compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted increased by 2.4 %.

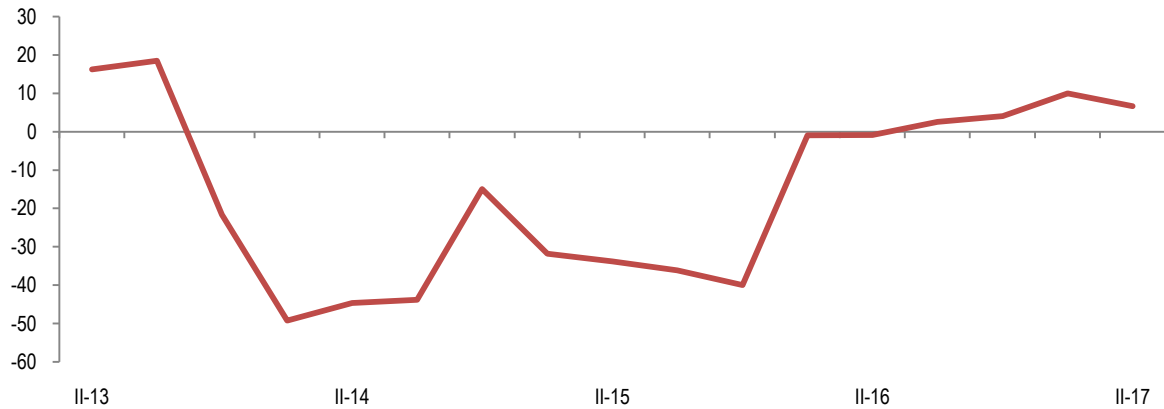**Fig. 2 Annual changes Turnover volum index in Trade (2010 = 100)**

Transport and storage

Transport and storage main quarterly indicators, which include the economic activities: Rail transport of goods, sea transport, air transport, storage and post activity, in the second quarter 2017 (base year 2010=100), are prestented as belows:

- Turnover volume index increased by 6.6 %, compared with the second quarter 2016. This indicator seasonally adjusted increased by 0.7 %, compared with the previous quarter;
- The number of employees' index increased by 4.0 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted increased by 0.5%.
- Wages index increased by 9.9 %, compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted increased by 3.4 %.

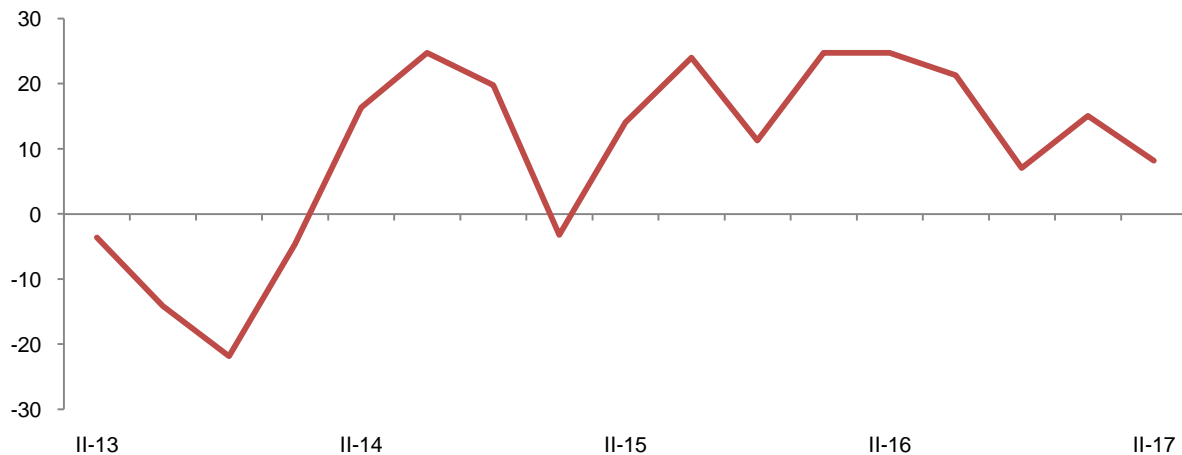**Fig.3 Annual changes in Turnover volum index in Transportation and storage activities (2010 = 100)**

Hotels

Hotels main quarterly indicators, in the second quarter 2017 (base year 2010=100), are prestented as belows:

- Turnover volume index increased by 8.2 %, compared with the second quarter 2017. This indicator seasonally adjusted increased by 2.1 %, compared with the previous quarter;

- The number of employees' index increased by 1.7 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted increased by 16.9 %.

- Wages index increased by 11.5 %, compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted increased by 16.6 %.

Fig. 4 Annual changes in Turnover volum index in Hotels (2010 = 100)

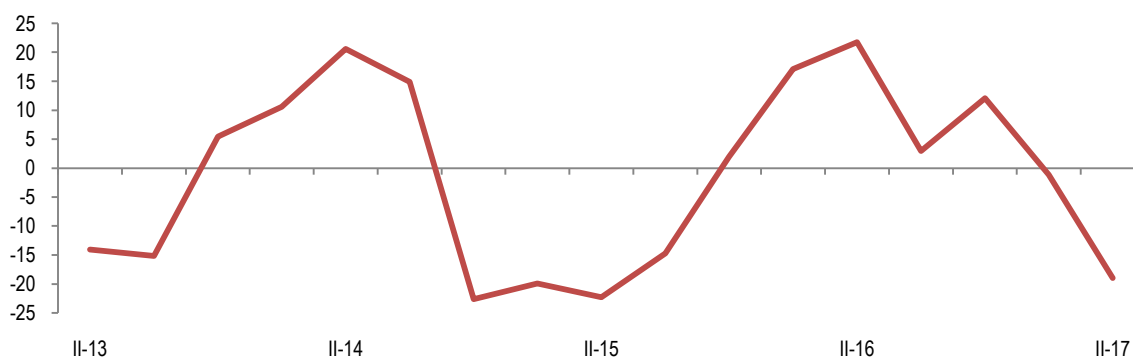*For more information, visit INSTAT webpage: http://www.instat.gov.al/*

Information dhe communication

Information and communication main quarterly indicators, which include the economic activities: Publishing activities, Telecommunications and computer programming, Consultancy and related activities, in the second quarter 2017 (base year 2010=100), are prestented as belows :

- Turnover volume index decreased by 19.0 %, compared with the second quarter 2017. This indicator seasonally adjusted decreased by 11.2 %, compared with the previous quarter;
- The number of employees' index increased by 0.5 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted decreased by 7.4 %.
- The wages index decreased 0.7% compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted increased by 5.2 %.

Fig. 5 Annual changes inTurnover volum index in Information and comunication activities (2010 = 100)
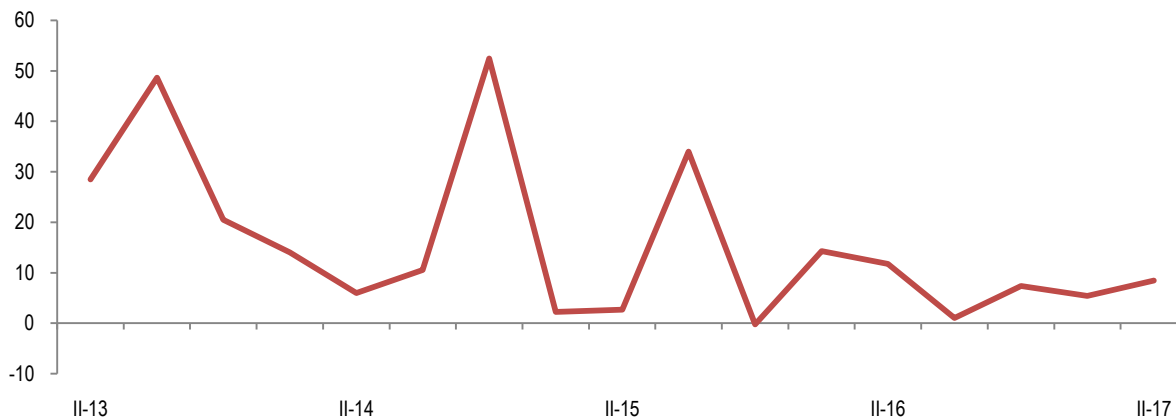

Architectural and engineering activities

Architectural and engineering activities main quarterly indicators, which include architectural and engineering activities, technical testing and analysis, in the second quarter 2017 (base year 2010=100), are prestented as belows:

- Turnover volume index increased by 8.4 %, compared with the second quarter 2017. This indicator seasonally adjusted increased by 4.8 %, compared with the previous quarter;
- The number of employees' index increased by 12.2 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted increased by 0.9 %.
- Wages index increased by 18.8 %, compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted decreased by 4.7%.

For more information, visit INSTAT webpage: http://www.instat.gov.al/

Fig.6 Annual changes inTurnover volum index in Architectural and engineering activities (2010 = 100)
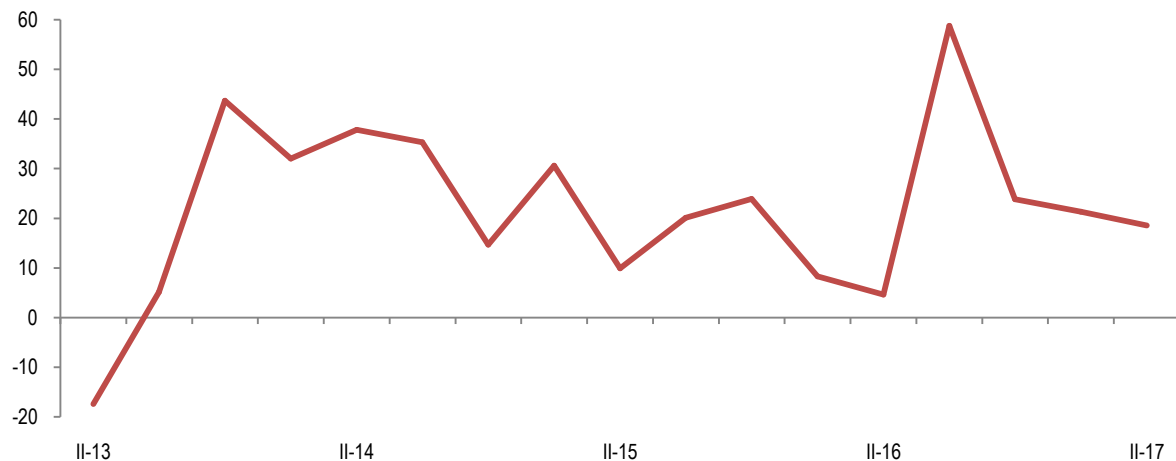

Travel agency

Travel agency main quarterly indicators, in the second quarter 2017 (base year 2010=100), are prestented as belows:

- Turnover volume index increased by 18.5 %, compared with the second quarter 2016. This indicator seasonally adjusted decreased by 0.2 %, compared with the previous quarter;

- The number of employees' index increased by 3.6 %, compared with the same period of the previous year. Compared with the previous quarter, this indicator seasonally unadjusted decreased by 4.4 %.

- Wages index increased by 13.7 %, compared with the same period of the previous year. Compared with the first quarter 2017, this indicator seasonally unadjusted decreased by 1.8 %.

Fig.7 Annual changes inTurnover volum index in Travel agency activity (2010 = 100)

For more information, visit INSTAT webpage: http://www.instat.gov.al/

Tab. 1 Turnover volume index seasonally unadjusted, Services (2010=100)

NACE Rev.2		Economic activity	Tr.2.17	II - 17	II - 17
Section	Division		Ø 2010	II - 16	I - 17
G-N		**Services**	127.0	1.1	13.7
G	*45+46*	*Trade*	136.6	2.1	14.6
H	*49-53*	*Transport and storage*	42.5	6.6	13.9
I	*55.1*	*Hotels*	170.7	8.2	48.2
J	*58,61,62*	*Information and communication*	79.6	-19.0	3.6
M	*71*	*Architectural and engineering activities*	114.8	8.4	-0.5
N	*79*	*Travel agency*	210.0	18.5	10.9

Tab.2 Turnover volume index, seasonally adjusted, Services (2010=100)

NACE Rev.2		Economic activity	Tr.2.17	II – 17	II - 17
Section	Section		Ø 2010	II - 16	I - 17
G-N		**Services**	130.6	0.8	0.6
G	*45+46*	*Trade*	139.2	1.8	1.8
H	*49-53*	*Transport and storage*	46.6	6.8	0.7
I	*55.1*	*Hotels*	164.8	7.4	2.1
J	*58,61,62*	*Information and communication*	88.1	-18.2	-11.2
M	*71*	*Architectural and engineering activities*	135.0	9.2	4.8
N	*79*	*Travel agency*	205.8	22.1	-0.2

Tab.3 Number of employees index, seasonally unadjusted, Services (2010=100),

NACE Rev.2		Economic activity	Tr.2.17	II - 17	II - 17
Section	Section		Ø 2010	II - 16	I - 17
G-N		**Services**	169.8	0.5	2.9
G	*45+46*	*Trade*	206.3	1.2	3.4
H	*49-53*	*Transport and storage*	115.0	4.0	0.5
I	*55.1*	*Hotels*	129.2	1.7	16.9
J	*58,61,62*	*Information and communication*	102.7	0.5	-7.4
M	*71*	*Architectural and engineering activities*	161.2	12.2	0.9
N	*79*	*Travel agency*	285.8	3.6	-4.4

Tab.4 Wages index, seasonally unadjusted, Services (2010=100

NACE Rev.2		Economic activity	Tr.2.17	II- 17	II - 17
Section	Section		Ø 2010	II - 16	I - 17
G-N		**Services**	166.4	2.0	2.7
G	*45+46*	*Trade*	200.8	-1.5	2.4
H	*49-53*	*Transport and storage*	91.8	9.9	3.4
I	*55.1*	*Hotels*	151.5	11.5	16.6
J	*58,61,62*	*Information and communication*	135.3	-0.7	5.2
M	*71*	*Architectural and engineering activities*	181.8	18.8	-4.7
N	*79*	*Travel agency*	327.0	13.7	-1.8

For more information, visit INSTAT webpage: http://www.instat.gov.al/

Methodological elucidations

Information on the observation

Services

Purpose – The short term statistics shows the trend of economic development of a country in quarterly periods. by which the police makers can develop a short term plan for the further development of the country. The development of the main indicators such as; industrial production turnover, number of employees and wages in time series are described by this publication.

Coverage- based on main economic activity the main activities covered in the STS survey for services is as following:

- Total sale and repair of motor vehicles (45) and Wholesale (46)
- Transportation and Storage (is included and the Postal and courier activities) (49-53)
- Accommodation and Food Services. Hotels (55.1)
- Information and Communication (58. 61. 62)
- Architectural and Engineering activities (71)
- Administrative Services and ancillary activities – Travel Agencies (79)

Model and data collection - The enterprises are selected from the Statistical Register of Enterprises. The enterprises with 1-9 employees are surveyed by sample survey. whereas the enterprises with 10 and more employees are surveyed exhaustively. The data are collected directly from enterprises with face to face interview through interviewers. The questionnaire is filled from the interviewers.

Indicators – The indicators are given in Index form. The quarterly changes are given in percentage; whereas the annual changes are given in percentage with reference to the base yearn actually 2010=100. The data do not present absolute values.

Indexes – The indexes show the changes in time of a given variable. or of a group of variables. The Index Volume is calculated through the Laspeyres Formula. In order to avoid the prices impact the indices are deflated with the proper price index by activities. Transport with implicit price index calculated, etc.

The annual and quarterly changes in percentage – The annual change measures in percentage the change of economic indicators of the actual quarter compared with the same quarter of the previous year. The quarterly change in percentage it measures in percentage the change of economic indicators of the actual quarter against compared with the previous quarter of the same year.

Revision – Indexes may be revised due to several reasons: additional information. the methodological changes. or re-evaluation of the used coefficients etc.

Definition of the main indicators

Turnover is the total amount realized by enterprises during the month from the selling of goods. selling of own products and services excluded VAT.

Number of persons working includes all persons who actually work in the observed unit. There are included owners and co-owners and family members that helps in the activity and employees in the end of the quarter.

Employment index – shows the evolution of employment in observation unit.

Wages and salaries – are defined as the total remunerations. in cash or in kind payable to all persons counted on the payrolls in return for work done during the accounting period.

Index of wages and salaries – the gross wages and salaries index approximates the development of the wages and salaries bill.

Seasonal adjustment

Seasonal adjustment of quarterly time series of producer of materials goods is done by using JDemetra+ 2.1 version software. The chosen model for the decomposition of time series is X-12 ARIMA, under specification X-13, the span of time series is from 2005 to 2017. X-12 ARIMA model is totally based in moving average. In all time series is applied the multiplicative decomposition and the direct approach. During the process of seasonal adjustment are treated even the special case occurred during the time series span, identified by software as outlier.