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During the third quarter of 2016, working-day adjusted turnover in selected services activities recorded an overall increase of 1.5 per cent over the corresponding period in 2015. When seasonally adjusted, the services turnover rose by 1.7 per cent over the previous quarter.

Short-term Services Indicators: Q3/2016

Cut-off date:
25 January 2017

Annual comparison

When compared to the third quarter of 2015, working-day adjusted turnover went up by 1.5 per cent (Table 1). Turnover increased essentially in the motor trade (14.2 per cent), in the transportation and storage (10.4 per cent), in the professional, scientific and technical activities (5.9 per cent), in the administrative and support service activities (2.2 per cent) and in the retail trade (2.1 per cent). In contrast, however, decreases were mainly registered in the real estate activities (14.9 per cent), in the information and communication (1.8 per cent) and in both the wholesale trade and the accommodation and food service activities (1.3 per cent).

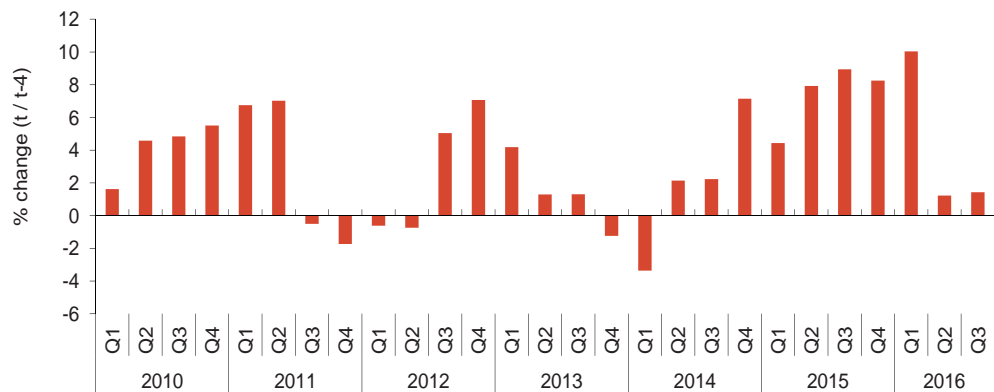
The unadjusted index for employment (Table 3) and the working-day adjusted index for both gross wages and salaries (Table 5) and hours worked (Table 7) rose by 2.3, 5.7 and 2.3 per cent respectively over the same quarter in 2015.

Quarterly comparison

When compared to the previous quarter in 2016, seasonally adjusted turnover increased by 1.7 per cent (Table 2). Increases were primarily registered in the real estate activities (14.0 per cent), in the professional, scientific and technical activities (8.3 per cent) and in the wholesale trade activities (5.8 per cent). On the other hand, decreases were recorded in the accommodation and food service activities (2.8 per cent) and in the administrative and support service activities (2.0 per cent).

Seasonally adjusted employment (Table 4) and hours worked (Table 8) dropped marginally by 0.9 and 0.4 per cent respectively. On the contrary, gross wages and salaries (Table 6) increased by 1.2 per cent over the previous quarter in 2016 ■

Annual working-day adjusted services turnover
(% change in comparison with corresponding quarter in previous year)



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Table 1. Services turnover index by period and NACE classification
Working-day adjusted

NACE	2015		2016			% change compared with same quarter of the previous year				
						2015		2016		
	Q3	Q4	Q1	Q2	Q3	Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	120.1	123.1	110.7	115.8	121.5	8.5	8.5	11.4	-2.4	1.2
Motor trade	140.3	146.3	161.1	163.3	160.2	41.2	34.7	29.0	15.5	14.2
Wholesale trade	116.4	116.6	106.1	107.5	114.9	6.3	7.7	13.6	-6.2	-1.3
Retail trade	123.2	130.3	109.9	122.4	125.8	7.5	6.1	5.1	0.4	2.1
Food	128.1	127.7	109.4	118.6	124.1	16.0	5.8	8.7	2.4	-3.1
Non-food	120.2	131.2	111.0	123.5	127.2	3.4	6.3	3.1	-1.3	5.8
Transportation and storage	136.5	122.9	109.4	135.8	150.7	13.6	7.8	6.6	5.2	10.4
Accommodation and food service activities	167.4	123.1	94.9	138.6	165.2	5.3	8.9	17.2	9.9	-1.3
Information and communication	93.7	97.3	85.3	89.2	92.0	5.6	5.4	3.3	-0.9	-1.8
Real estate activities	156.8	140.2	95.5	117.0	133.5	11.3	12.5	2.2	5.2	-14.9
Professional, scientific and technical activities	148.5	166.5	145.9	156.4	157.2	15.7	1.9	0.7	0.7	5.9
Administrative and support service activities	134.3	121.0	107.7	131.4	137.2	6.6	13.0	14.4	8.4	2.2
Total	126.7	124.4	108.3	121.3	128.6	8.9	8.2	10.0	1.2	1.5

^p Provisional

Table 2. Services turnover index by period and NACE classification
Seasonally adjusted

NACE	2015		2016			% change compared with previous quarter				
						2015		2016		
	Q3	Q4	Q1	Q2	Q3	Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	117.5	118.9	118.9	114.5	118.8	0.1	1.2	0.0	-3.8	3.8
Motor trade	141.3	148.0	164.8	156.7	161.3	4.2	4.7	11.4	-4.9	2.9
Wholesale trade	114.1	114.1	111.9	106.5	112.7	0.6	0.0	-1.9	-4.9	5.8
Retail trade	120.3	123.4	120.5	121.5	122.9	-0.5	2.6	-2.4	0.8	1.2
Food	122.7	120.0	121.5	119.9	118.9	4.9	-2.2	1.2	-1.3	-0.9
Non-food	118.9	123.1	121.6	122.4	125.8	-4.1	3.5	-1.2	0.7	2.8
Transportation and storage	122.6	125.9	124.7	131.5	136.7	-1.8	2.7	-0.9	5.5	4.0
Accommodation and food service activities	129.9	131.5	130.7	131.8	128.0	8.8	1.2	-0.6	0.8	-2.8
Information and communication	93.7	97.3	85.3	89.2	92.0	4.0	3.9	-12.4	4.7	3.1
Real estate activities	156.8	140.2	95.5	117.0	133.5	40.9	-10.6	-31.9	22.6	14.0
Professional, scientific and technical activities	155.8	154.1	156.0	152.1	164.7	3.3	-1.1	1.2	-2.5	8.3
Administrative and support service activities	118.4	125.6	131.0	124.0	121.5	3.8	6.0	4.3	-5.4	-2.0
Total	119.1	122.6	120.3	118.8	120.8	1.5	2.9	-1.8	-1.3	1.7

^p Provisional

Note: The calculation of growth rates from the indices tables may differ slightly from the published growth rates, due to rounding.

Table 3. Services employment index by period and NACE classification

Unadjusted

NACE	2015		2016			% change compared with same quarter of the previous year				
	Q3	Q4	Q1	Q2	Q3	2015		2016		
						Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	115.1	115.6	116.0	117.7	118.2	3.6	4.7	4.1	3.6	2.7
Motor trade	126.1	128.6	131.3	137.2	135.5	7.4	11.2	8.4	9.8	7.4
Wholesale trade	121.5	119.9	119.5	122.1	122.3	3.9	4.8	2.8	2.7	0.6
Retail trade	108.9	110.5	111.0	111.3	112.5	2.6	3.4	4.2	2.9	3.3
Food	106.0	108.8	108.7	110.0	112.0	2.1	5.7	3.3	4.6	5.7
Non-food	109.9	111.1	111.8	111.7	112.6	2.8	2.6	4.5	2.4	2.4
Transportation and storage	96.5	95.2	95.2	98.8	98.3	1.0	-1.2	1.8	2.3	1.8
Accommodation and food service activities	97.0	91.7	89.4	94.2	96.1	-2.2	-0.4	5.0	2.5	-1.0
Information and communication	106.4	107.8	110.1	110.2	110.5	2.2	5.4	7.1	5.0	3.8
Real estate activities	119.6	120.6	122.6	117.4	120.9	18.6	15.9	20.4	5.9	1.1
Professional, scientific and technical activities	122.5	124.2	120.6	138.2	121.3	13.4	7.3	2.1	11.6	-1.0
Administrative and support service activities	108.9	106.8	108.7	111.2	113.9	5.7	7.6	12.4	8.7	4.5
Total	109.1	108.3	108.0	111.6	111.7	3.3	4.4	5.6	5.2	2.3

^p Provisional

Table 4. Services employment index by period and NACE classification

Seasonally adjusted

NACE	2015		2016			% change compared with previous quarter				
	Q3	Q4	Q1	Q2	Q3	2015		2016		
						Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	115.1	115.6	116.0	117.7	118.2	1.3	0.4	0.3	1.5	0.4
Motor trade	126.1	128.6	131.3	137.2	135.5	1.0	2.0	2.1	4.5	-1.2
Wholesale trade	121.5	119.9	119.5	122.1	122.3	2.3	-1.3	-0.3	2.2	0.2
Retail trade	108.9	110.5	111.0	111.3	112.5	0.7	1.5	0.5	0.3	1.1
Food	105.5	108.6	109.2	110.3	111.4	0.0	2.9	0.6	1.0	1.0
Non-food	109.9	111.1	111.8	111.7	112.6	0.7	1.1	0.6	-0.1	0.8
Transportation and storage	95.5	95.0	96.2	97.9	97.3	-0.4	-0.5	1.3	1.8	-0.6
Accommodation and food service activities	92.2	93.0	94.2	92.9	91.4	1.7	0.9	1.3	-1.4	-1.6
Information and communication	105.8	108.4	110.2	110.0	110.0	1.0	2.5	1.7	-0.2	0.0
Real estate activities	119.6	120.6	122.6	117.4	120.9	7.9	0.8	1.7	-4.2	3.0
Professional, scientific and technical activities	122.5	124.2	120.6	138.2	121.3	-1.0	1.4	-2.9	14.6	-12.2
Administrative and support service activities	108.9	106.8	108.7	111.2	113.9	6.5	-1.9	1.8	2.3	2.4
Total	107.5	108.7	109.8	111.0	110.0	1.9	1.1	1.0	1.1	-0.9

^p Provisional

Note: The calculation of growth rates from the indices tables may differ slightly from the published growth rates, due to rounding.

Table 5. Services gross wages and salaries index by period and NACE classification
Working-day adjusted

NACE	2015		2016			% change compared with same quarter of the previous year				
						2015		2016		
	Q3	Q4	Q1	Q2	Q3	Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	134.1	143.1	138.5	139.5	140.1	6.9	10.0	7.2	5.7	4.4
Motor trade	143.4	146.0	150.3	153.9	157.7	10.5	12.7	16.0	11.3	10.0
Wholesale trade	142.0	152.9	144.5	145.7	146.6	7.7	12.3	5.9	4.9	3.2
Retail trade	123.1	131.1	129.2	129.5	129.0	5.1	6.5	7.0	5.6	4.9
Food	124.0	124.0	127.6	123.8	130.4	6.9	7.1	5.4	5.8	5.2
Non-food	122.7	133.3	129.9	131.2	128.7	4.5	6.4	7.5	5.4	4.9
Transportation and storage	116.7	121.2	121.0	121.2	121.4	3.8	4.5	8.9	1.3	4.0
Accommodation and food service activities	122.5	119.0	110.3	117.0	124.6	5.0	8.2	7.1	2.8	1.7
Information and communication	111.5	120.2	118.3	118.6	119.7	3.0	9.7	7.8	7.9	7.4
Real estate activities	122.1	134.3	125.5	139.2	125.6	18.3	21.7	23.8	16.3	2.9
Professional, scientific and technical activities	158.8	169.8	168.2	177.1	176.5	17.8	13.9	12.9	10.1	11.2
Administrative and support service activities	128.2	136.0	125.6	138.5	139.5	7.4	9.8	9.3	11.7	8.8
Total	127.7	133.8	129.2	133.0	135.0	6.9	9.4	8.7	6.2	5.7

^P Provisional

Table 6. Services gross wages and salaries index by period and NACE classification
Seasonally adjusted

NACE	2015		2016			% change compared with previous quarter				
						2015		2016		
	Q3	Q4	Q1	Q2	Q3	Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	135.2	139.4	140.1	140.6	141.4	1.6	3.1	0.5	0.4	0.5
Motor trade	143.8	143.6	151.8	154.6	158.1	3.5	-0.1	5.7	1.9	2.3
Wholesale trade	142.0	151.5	145.4	146.1	146.6	1.9	6.7	-4.1	0.5	0.4
Retail trade	124.4	127.8	130.0	130.5	130.8	0.6	2.7	1.7	0.4	0.3
Food	124.0	124.0	127.6	123.8	130.4	6.0	0.0	2.9	-3.0	5.3
Non-food	124.2	129.6	131.4	131.8	130.4	-0.8	4.4	1.4	0.3	-1.1
Transportation and storage	116.7	121.2	121.0	121.2	121.4	-2.5	3.9	-0.2	0.2	0.2
Accommodation and food service activities	114.1	120.0	118.6	116.5	116.2	0.8	5.2	-1.2	-1.8	-0.3
Information and communication	111.5	120.2	118.3	118.6	119.7	1.4	7.8	-1.6	0.3	0.9
Real estate activities	122.1	134.3	125.5	139.2	125.6	2.0	10.0	-6.6	10.9	-9.8
Professional, scientific and technical activities	158.8	169.8	168.2	177.1	176.5	-1.3	7.0	-0.9	5.3	-0.3
Administrative and support service activities	128.2	136.0	125.6	138.5	139.5	3.4	6.1	-7.6	10.3	0.7
Total	127.1	131.0	132.4	133.1	134.7	1.7	3.1	1.1	0.5	1.2

^P Provisional

Note: The calculation of growth rates from the indices tables may differ slightly from the published growth rates, due to rounding.

Table 7. Services hours worked index by period and NACE classification

Working-day adjusted

NACE	2015		2016			% change compared with same quarter of the previous year				
	Q3	Q4	Q1	Q2	Q3	2015		2016		
						Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	117.8	118.2	116.9	117.9	118.3	5.7	5.6	4.4	3.1	0.4
Motor trade	141.0	131.8	137.7	143.8	154.9	5.6	4.2	8.1	7.9	9.9
Wholesale trade	117.9	115.6	113.5	116.1	112.0	7.2	6.3	3.5	3.5	-5.0
Retail trade	113.8	118.5	115.8	115.6	117.3	4.4	5.3	4.6	2.3	3.1
Food	112.0	113.3	116.4	110.9	119.8	7.8	8.9	9.1	4.5	7.0
Non-food	114.3	120.2	115.9	117.0	116.6	3.2	4.2	3.1	1.4	2.0
Transportation and storage	99.8	99.4	99.4	102.0	103.7	1.2	0.3	3.0	2.8	3.9
Accommodation and food service activities	101.9	95.0	86.8	94.6	99.0	-0.6	4.2	2.6	0.1	-2.8
Information and communication	107.2	110.3	106.9	109.5	111.0	5.5	8.2	3.7	3.5	3.6
Real estate activities	121.0	120.7	126.3	125.0	124.8	18.1	17.0	23.7	10.7	3.1
Professional, scientific and technical activities	139.9	139.4	140.6	146.0	142.8	15.1	8.1	6.7	5.4	2.0
Administrative and support service activities	131.0	127.1	130.1	138.9	144.8	9.1	7.6	13.6	16.3	10.5
Total	115.5	114.0	111.5	116.8	118.2	5.4	5.6	6.1	5.9	2.3

^P Provisional

Table 8. Services hours worked index by period and NACE classification

Seasonally adjusted

NACE	2015		2016			% change compared with previous quarter				
	Q3	Q4	Q1	Q2	Q3	2015		2016		
						Q3	Q4	Q1	Q2	Q3
Wholesale and retail; repair of motor vehicles and motorcycles	116.9	118.0	118.0	117.8	117.4	2.3	0.9	0.1	-0.2	-0.3
Motor trade	141.0	131.8	137.7	143.8	154.9	5.8	-6.5	4.5	4.4	7.8
Wholesale trade	117.9	115.6	113.5	116.1	112.0	5.1	-2.0	-1.8	2.3	-3.5
Retail trade	113.5	116.4	117.3	116.4	117.1	-0.1	2.5	0.8	-0.8	0.6
Food	110.8	112.3	116.3	113.2	118.4	2.6	1.3	3.5	-2.7	4.6
Non-food	114.2	118.3	117.7	117.1	116.6	-1.1	3.6	-0.6	-0.4	-0.5
Transportation and storage	98.7	98.7	101.4	102.0	102.5	-0.5	0.0	2.7	0.6	0.5
Accommodation and food service activities	93.5	96.2	94.8	93.8	91.0	-0.2	2.9	-1.5	-1.1	-3.0
Information and communication	107.2	110.3	106.9	109.5	111.0	1.3	2.9	-3.1	2.4	1.4
Real estate activities	121.0	120.7	126.3	125.0	124.8	7.2	-0.3	4.6	-1.0	-0.2
Professional, scientific and technical activities	139.9	139.4	140.6	146.0	142.8	1.0	-0.4	0.9	3.8	-2.2
Administrative and support service activities	127.5	128.1	132.8	138.8	140.9	6.8	0.5	3.6	4.5	1.5
Total	112.6	113.8	115.0	116.2	115.7	2.4	1.1	1.0	1.0	-0.4

^P Provisional

Note: The calculation of growth rates from the indices tables may differ slightly from the published growth rates, due to rounding.

Methodological Notes

1. The aim of short-term statistics is to provide information on the business cycle within the services sector. The results are compiled and published according to the statistical classification of economic activities in the European Community, NACE Rev. 2.
2. Every quarter, questionnaires are sent to approximately 900 enterprises categorised within the services sector. The data is then grossed up to represent the entire Services population. For each NACE division (for example NACE Division 45 for motor trade), a sample was selected. The selected enterprises were requested to provide information, including turnover, employment and wages and salaries, on a quarterly basis. The indices were calculated for each division, showing the level of the specified variable (for example employment) relative to the average level throughout the base year 2010. The index numbers in this release are working-day and seasonally adjusted. These statistical methods aid interpretation of data by removing regularly recurring variations from a time series. Working-day adjustment is a statistical method for removing the calendar effect from an economic time series. The calendar effect is the variation caused by the changing number of working days in different quarters.

The number of working days for a given quarter may depend on the timing of certain public holidays, the possible overlap of certain public holidays and non-working days, and the occurrence of a leap year. This method is used to make a comparison with the corresponding quarter of the previous year. Seasonal adjustment removes variations which include effects due to quarter length, holidays and particular events such as Christmas.

Statistically, seasonal adjustment takes place after a time series has already been cleared of calendar effects by way of working-day adjustment. This method is used to compare data for a specific quarter with the previous quarter. In seasonal and working-day adjustment, the direct approach is used and refers to the adjustments of aggregated raw component.

3. In line with the Regulation on Short-term Statistics, services exclude Financial and Insurance Activities and Gambling and Betting Activities.

4. Definitions:

- **Turnover:** includes total sales and other income and is expressed net of VAT. Turnover is presented in current prices.
- **Wages and Salaries:** covers wages and salaries including bonuses, weekly allowances (cost of living allowances), overtime and national social security contributions by the employee. The definition does not include employer's social security charges.
- **Employment:** covers all persons employed, regardless of whether they are part-time or full-time, and includes paid employees as well as working proprietors and unpaid family workers. Employment is not working day adjusted since the number of employees does not depend on factors that make up the working day effect.
- **Hours worked:** covers total amount of hours actually worked; regular working hours and during overtime; during nights, Sundays or public holidays. Hours worked but not paid are also considered.

5. The data contained in this release should be considered as provisional and therefore subject to revision. Each release may include revisions of the past quarterly data in respect of a rolling two-year period.

A distribution of the aggregation weights by NACE classification is presented in the following table:

NACE	Turnover	Employment	Wages and salaries	Hours worked
TOTAL	100.0	100.0	100.0	100.0
Wholesale and retail; repair of motor vehicles and motorcycles	59.8	35.4	30.2	33.4
Motor trade	3.3	3.5	2.4	2.8
Wholesale trade	34.9	12.5	15.1	14.8
Retail trade	21.6	19.4	12.8	15.9
Food	7.3	5.2	3.2	4.1
Non-food	14.3	14.2	9.6	11.8
Transportation and storage	10.4	11.2	17.8	13.0
Accommodation and food service activities	7.2	19.1	15.4	18.8
Information and communication	7.6	7.2	11.9	8.8
Real estate activities	2.2	1.7	1.2	1.3
Professional, scientific and technical activities	6.3	10.9	10.8	9.0
Administrative and support service activities	6.5	14.5	12.7	15.7

6. More information relating to this news release may be accessed at:

Statistical Concepts: <http://nso.gov.mt/metadata/concepts.aspx>

Metadata: <http://nso.gov.mt/metadata/reports.aspx?id=13>

European statistics comparable to data in this News Release are available at:

[EUROSTAT Website/Homepage/Statistics Database](#)

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