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Provisional seasonally adjusted data indicate that in the fourth quarter of 2013, turnover in selected services activities decreased by 3.1 per cent. Over the corresponding quarter of 2012, working day adjusted services turnover went down by 2.0 per cent.

Short-term Services Indicators: Q4/2013

Cut-off date:
9 April 2014

Quarterly comparison

Seasonally adjusted turnover in the fourth quarter of 2013 declined by 3.1 per cent on the previous quarter. Declines were registered in administrative and support services activities (-11.5 per cent), transportation and storage (-9.4 per cent), motor trade (-2.1 per cent), wholesale trade (-1.7 per cent) and retail trade (-0.5 per cent). On the other hand, increases were registered in professional, scientific and technical activities (+3.6 per cent), accommodation and food services activities (+3.2 per cent) and information and communication (+0.5 per cent).

While seasonally adjusted employment and gross wages and salaries grew by 0.6 and 0.3 per cent respectively, hours worked decreased marginally by 0.1 per cent.

Annual comparison

When compared with the corresponding quarter of 2012, working day adjusted turnover went down by 2.0 per cent. Turnover decreased in administrative and support services activities (-19.3 per cent), motor trade (-6.8 per cent) and wholesale trade (-2.3 per cent), while increases were registered in information and communication (+5.0 per cent), professional, scientific and technical activities (+4.8 per cent), accommodation and food services activities (+3.3 per cent) and retail trade (+0.9 per cent).

During the quarter under review, employment, gross wages and salaries, and hours worked increased by 2.6, 3.4 and 0.6 per cent respectively over the comparative quarter of 2012 ■

Compiled by:

**Unit B2: Short-term
Statistics**

**Directorate B: Business
Statistics**

Further information on data:

Ms Josianne GALEA
T. +356 2599 7320
E. josianne.a.galea@gov.mt

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Issued by: **External Cooperation and Communication Unit, National Statistics Office, Lascaris, Valletta VLT 2000, Malta.**
T. +356 2599 7219 F. +356 2599 7205 E. nso@gov.mt

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

NACE	2008	2009	2010	2011	2012	2013				% Change
	Q4	Q4	Q4	Q4	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-4}
TOTAL	100.3	97.9	103.3	101.7	108.2	98.3	108.9	115.3	106.0	-2.0
Wholesale and retail; repair of motor vehicles and motorcycles	102.1	99.8	105.4	101.9	107.9	103.0	105.3	107.9	106.4	-1.4
Motor trade	105.9	101.3	100.4	95.8	104.6	92.8	106.6	104.9	97.5	-6.8
Wholesale trade	108.9	101.9	103.1	96.4	105.5	104.9	102.9	104.7	103.1	-2.3
Retail trade	92.0	96.6	109.9	111.8	112.3	101.4	108.9	113.6	113.3	0.9
Food	92.9	97.9	106.4	115.8	123.0	104.1	113.5	123.2	123.0	0.0
Non-food	91.6	96.1	111.7	109.7	106.9	100.0	106.5	108.6	108.3	1.3
Transportation and storage	100.9	88.6	98.2	99.9	105.7	92.8	115.1	133.7	105.7	0.0
Accommodation and food services activities	104.3	88.5	88.9	90.2	92.9	69.4	115.2	139.7	96.0	3.3
Information and communication	101.1	101.2	108.2	103.6	92.8	100.6	92.8	93.8	97.4	5.0
Professional, scientific and technical activities	88.0	106.0	115.0	102.9	121.3	102.2	122.2	111.4	127.1	4.8
Administrative and support services activities	82.7	91.1	97.1	101.8	138.0	85.2	145.9	168.8	111.3	-19.3

^P Provisional

Table 2. Services turnover index by NACE classification
Seasonally adjusted

NACE	2011	2012				2013				% Change
	Q4	Q1	Q2	Q3	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-1}
TOTAL	100.6	103.8	106.3	105.7	107.0	108.8	106.6	108.3	104.9	-3.1
Wholesale and retail; repair of motor vehicles and motorcycles	98.6	103.2	106.2	104.9	104.5	110.0	104.1	105.7	103.0	-2.6
Motor trade	98.6	99.0	99.0	108.0	106.9	98.6	101.3	101.7	99.6	-2.1
Wholesale trade	94.5	100.3	102.9	104.0	103.5	110.0	102.0	102.9	101.1	-1.7
Retail trade	105.9	106.3	113.9	106.0	107.6	108.5	109.0	109.9	109.3	-0.5
Food	110.9	112.6	115.4	117.0	117.4	114.7	114.8	116.9	117.1	0.2
Non-food	102.6	105.6	111.9	99.8	99.8	109.1	105.6	107.4	101.3	-5.7
Transportation and storage	102.6	103.6	103.2	104.9	108.4	107.7	111.6	119.7	108.5	-9.4
Accommodation and food services activities	101.2	101.9	108.5	108.4	103.9	101.9	107.9	103.6	106.9	3.2
Information and communication	101.3	94.9	99.4	93.6	91.0	101.3	92.5	95.2	95.7	0.5
Professional, scientific and technical activities	96.0	103.4	103.0	109.1	114.4	108.8	117.8	116.0	120.2	3.6
Administrative and support services activities	109.6	117.5	124.2	126.2	146.4	117.0	132.6	134.4	118.9	-11.5

^P Provisional

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

**Table 3. Services employment index by NACE classification
Unadjusted**

NACE	2008	2009	2010	2011	2012	2013				% Change
	Q4	Q4	Q4	Q4	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-4}
TOTAL	101.4	101.5	99.6	101.1	101.4	101.1	102.9	105.2	104.0	2.6
Wholesale and retail; repair of motor vehicles and motorcycles	98.4	100.9	101.5	103.0	102.7	102.9	103.8	107.3	107.5	4.7
Motor trade	88.2	105.1	101.2	106.2	106.2	101.7	105.7	117.9	119.0	12.1
Wholesale trade	99.5	98.2	101.9	102.6	104.3	109.1	106.9	110.7	111.6	7.0
Retail trade	100.5	102.3	101.4	102.7	101.0	99.1	101.3	103.1	102.7	1.7
Food	103.4	105.5	102.1	104.2	99.2	97.1	99.8	100.3	101.7	2.5
Non-food	99.6	101.4	101.1	102.2	101.7	99.9	101.9	104.2	103.1	1.4
Transportation and storage	98.5	100.5	100.7	94.8	94.0	92.4	95.7	95.2	94.7	0.7
Accommodation and food services activities	106.4	98.5	94.8	96.1	98.1	95.7	104.1	107.6	102.2	4.2
Information and communication	109.5	107.3	99.6	96.5	96.2	100.3	97.1	96.9	96.8	0.6
Professional, scientific and technical activities	96.8	104.1	101.7	106.4	110.2	112.9	113.8	114.1	114.1	3.5
Administrative and support services activities	103.5	103.6	99.0	103.5	102.5	101.0	98.8	101.6	100.0	-2.4

^P Provisional

**Table 4. Services employment index by NACE classification
Seasonally adjusted**

NACE	2011	2012				2013				% Change
	Q4	Q1	Q2	Q3	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-1}
TOTAL	101.1	100.6	101.2	101.4	101.5	102.6	103.0	103.5	104.1	0.6
Wholesale and retail; repair of motor vehicles and motorcycles	103.0	100.6	100.1	103.2	102.7	102.9	103.8	107.3	107.5	0.2
Motor trade	106.2	103.2	102.3	103.5	106.2	101.7	105.7	117.9	119.0	0.9
Wholesale trade	102.6	98.3	98.6	104.8	104.3	109.1	106.9	110.7	111.6	0.8
Retail trade	102.3	102.5	100.8	101.4	100.6	100.1	101.5	102.4	102.3	-0.1
Food	103.5	103.2	103.0	104.8	98.3	98.4	99.8	99.8	100.9	1.1
Non-food	102.2	101.4	99.9	101.0	101.7	99.9	101.9	104.2	103.1	-1.1
Transportation and storage	94.6	95.1	95.8	94.8	93.8	93.6	95.4	94.4	94.4	0.0
Accommodation and food services activities	97.2	99.3	98.6	99.7	99.2	100.7	103.2	102.3	103.3	1.0
Information and communication	96.6	96.4	100.6	99.0	96.9	100.3	97.0	96.5	97.6	1.1
Professional, scientific and technical activities	106.4	109.0	110.1	108.3	110.2	112.9	113.8	114.1	114.1	0.0
Administrative and support services activities	103.5	97.3	100.6	101.5	102.5	101.0	98.8	101.6	100.0	-1.6

^P Provisional

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

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

NACE	2008	2009	2010	2011	2012	2013				% Change
	Q4	Q4	Q4	Q4	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-4}
TOTAL	95.8	100.7	103.3	105.7	108.8	106.7	108.7	112.8	112.5	3.4
Wholesale and retail; repair of motor vehicles and motorcycles	93.2	100.9	102.5	109.1	117.8	110.8	114.6	117.4	121.3	3.0
Motor trade	92.3	108.4	103.5	116.0	116.1	108.9	109.3	123.5	130.0	12.0
Wholesale trade	93.2	98.9	101.8	110.1	123.5	116.3	119.7	118.4	126.7	2.6
Retail trade	93.7	101.4	103.2	106.6	111.4	104.8	109.6	115.1	113.2	1.6
Food	96.5	99.4	101.6	110.8	113.4	107.9	111.9	112.2	112.7	-0.6
Non-food	92.6	102.0	103.5	105.4	110.6	103.8	108.5	115.6	113.2	2.4
Transportation and storage	92.8	96.4	101.0	98.7	98.4	99.3	100.5	100.7	102.4	4.1
Accommodation and food services activities	100.5	100.1	99.7	99.7	103.1	96.2	106.1	117.8	106.6	3.4
Information and communication	101.1	102.3	110.1	102.8	97.7	105.1	99.4	100.2	98.8	1.1
Professional, scientific and technical activities	97.0	105.3	100.4	110.8	122.0	119.2	122.5	126.1	129.4	6.1
Administrative and support services activities	95.0	102.5	108.0	110.3	109.0	108.1	107.3	114.6	113.1	3.8

^P Provisional

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

NACE	2011	2012				2013				% Change
	Q4	Q1	Q2	Q3	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-1}
TOTAL	104.2	105.5	106.9	107.0	107.6	108.9	109.3	111.1	111.4	0.3
Wholesale and retail; repair of motor vehicles and motorcycles	107.2	108.6	110.0	110.9	115.9	112.1	115.0	117.6	119.3	1.4
Motor trade	111.5	111.0	109.9	110.5	111.4	109.8	111.9	125.0	124.7	-0.2
Wholesale trade	108.7	110.3	112.6	113.7	121.8	117.0	119.7	119.4	124.8	4.5
Retail trade	104.5	106.4	106.8	107.6	109.3	107.7	110.1	113.3	111.5	-1.6
Food	110.8	109.3	115.2	117.4	113.4	107.9	111.9	112.2	112.7	0.4
Non-food	102.9	103.8	104.4	106.5	108.0	105.2	108.9	116.3	110.6	-4.9
Transportation and storage	97.9	96.8	95.8	97.5	97.4	100.5	99.1	101.8	101.4	-0.4
Accommodation and food services activities	101.3	101.4	103.6	105.1	104.8	103.2	106.3	108.5	108.3	-0.2
Information and communication	102.8	103.1	110.7	99.3	97.7	105.1	99.4	100.2	98.8	-1.4
Professional, scientific and technical activities	110.8	114.3	116.4	117.2	122.0	119.2	122.5	126.1	129.4	2.6
Administrative and support services activities	110.3	102.1	100.9	111.6	109.0	108.1	107.3	114.6	113.1	-1.3

^P Provisional

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

Table 7. Services hours worked index by NACE classification
Working day adjusted

NACE	2008	2009	2010	2011	2012	2013				% Change
	Q4	Q4	Q4	Q4	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-4}
TOTAL	99.2	100.3	100.4	103.4	103.2	101.5	103.1	108.4	103.8	0.6
Wholesale and retail; repair of motor vehicles and motorcycles	97.9	101.8	100.2	103.1	105.4	104.3	107.4	110.8	107.9	2.4
Motor trade	87.5	105.7	102.2	115.9	110.7	115.4	116.2	130.5	119.3	7.8
Wholesale trade	97.5	98.6	98.4	98.8	105.8	105.4	109.2	109.1	107.4	1.5
Retail trade	108.0	103.3	101.4	105.0	103.9	101.4	104.0	108.6	106.4	2.4
Food	106.3	107.8	101.9	109.1	100.4	98.8	100.7	101.0	100.5	0.1
Non-food	109.0	102.1	101.6	103.1	105.5	102.3	105.9	112.4	108.8	3.1
Transportation and storage	99.7	101.7	99.1	99.2	97.8	94.2	93.0	97.2	97.9	0.1
Accommodation and food services activities	104.0	97.8	98.9	94.3	96.9	87.0	96.2	107.0	95.2	-1.8
Information and communication	96.1	94.7	102.0	97.0	87.0	100.9	89.1	89.6	86.7	-0.3
Professional, scientific and technical activities	101.7	100.6	101.2	106.3	108.5	113.1	115.3	115.1	115.2	6.2
Administrative and support services activities	95.3	102.7	101.4	118.4	115.0	112.2	111.7	119.6	112.8	-1.9

^P Provisional

Table 8. Services hours worked index by NACE classification
Seasonally adjusted

NACE	2011	2012				2013				% Change
	Q4	Q1	Q2	Q3	Q4	Q1 ^P	Q2 ^P	Q3 ^P	Q4 ^P	Q _t /Q _{t-1}
TOTAL	103.5	102.0	103.5	104.1	103.5	104.5	103.7	104.4	104.3	-0.1
Wholesale and retail; repair of motor vehicles and motorcycles	103.4	104.3	104.5	104.6	105.8	106.2	107.2	108.3	108.5	0.2
Motor trade	115.9	114.0	112.9	113.1	110.7	115.4	116.2	130.5	119.3	-8.6
Wholesale trade	99.4	102.6	104.2	105.3	106.5	106.5	108.4	108.0	108.1	0.1
Retail trade	103.5	104.3	103.5	103.9	102.6	103.9	104.4	107.1	105.0	-2.0
Food	106.6	105.6	105.5	107.4	98.1	100.9	101.2	100.8	98.2	-2.6
Non-food	102.5	103.8	101.7	103.1	104.9	103.8	105.9	111.5	108.2	-3.0
Transportation and storage	97.5	97.2	101.2	99.4	96.1	96.6	93.5	96.0	96.3	0.3
Accommodation and food services activities	96.2	97.4	96.9	97.9	98.6	96.2	96.0	96.2	96.8	0.6
Information and communication	97.0	94.3	98.1	94.9	87.0	100.9	89.1	89.6	86.7	-3.2
Professional, scientific and technical activities	106.3	107.3	107.0	110.6	108.5	113.1	115.3	115.1	115.2	0.1
Administrative and support services activities	118.9	104.1	109.2	118.0	115.4	114.9	111.8	116.3	113.2	-2.7

^P Provisional

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

Methodological Notes

Objectives

The aim of short-term statistics is to provide users with 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.

Data Collection and Index Compilation

Every quarter, approximately 939 questionnaires are sent to 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 compare to the corresponding quarter of the previous year. Seasonal adjustments removes variations which include effects due to quarter lengths, 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 with the previous quarter. In seasonal and working-day adjustment, the direct approach is used and refers to the adjustments of aggregated raw component.

Status of the data

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

Scope of Short-term Statistics Indicators

Under the regulation of Short-term Statistics, services exclude Financial and Insurance Activities, Real Estate Activities and Gambling and Betting Activities.

Summary Definitions of Key Variables

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. Employer's social security charges are not included.

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 cover the total amount of hours actually worked; regular working hours and during overtime; hours during nights, Sundays or Public holidays. Hours worked but not paid are also considered.

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	61.2	36.1	33.8	30.6
Motor trade	3.4	3.6	2.8	2.4
Wholesale trade	35.7	12.7	14.9	15.3
Retail trade	22.1	19.8	16.1	12.9
Food	7.5	5.3	4.2	3.2
Non-food	14.6	14.5	11.9	9.7
Transportation and storage	10.6	11.4	13.2	18.0
Accommodation and food services activities	7.4	19.4	19.1	15.5
Information and communication	7.8	7.3	8.9	12.1
Professional, scientific and technical activities	6.4	11.0	9.1	11.0
Administrative and support services activities	6.6	14.8	15.9	12.8

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

[EUROSTAT Website/Homepage/Statistics Database](http://ec.europa.eu/eurostat/)

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