HELLENIC REPUBLIC
**HELLENIC STATISTICAL AUTHORITY**

PRESS RELEASE

INDEX OF PERSONS EMPLOYED IN RETAIL TRADE: 3rd quarter 2019, y-o-y increase 1.7%

The Hellenic Statistical Authority announces the indices of persons employed, as well as the indices of hours worked and gross wages and salaries in retail trade, with base year 2015=100.0, for the 3rd quarter 2019 as follows:

- The overall index of persons employed in retail trade in the 3rd quarter 2019, compared with the corresponding index of the 3rd quarter 2018 increased by 1.7%, while compared with the corresponding index of the 2nd quarter 2019 increased by 1.8% (Tables 1, 2).
- The index of hours worked in retail trade in the 3rd quarter 2019, compared with the corresponding index of the 3rd quarter 2018 increased by 5.0%, while compared with the corresponding index of the 2nd quarter 2019 decreased by 0.3% (Table 3).
- The index of gross wages and salaries in retail trade in the 3rd quarter 2019, compared with the corresponding index of the 3rd quarter 2018 increased by 10.3%, while compared with the corresponding index of the 2nd quarter 2019 decreased by 6.8% (Table 4).

Graph 1. Evolution of indices of persons employed, hours worked, gross wages and salaries in retail trade, Base year: 2015=100.0
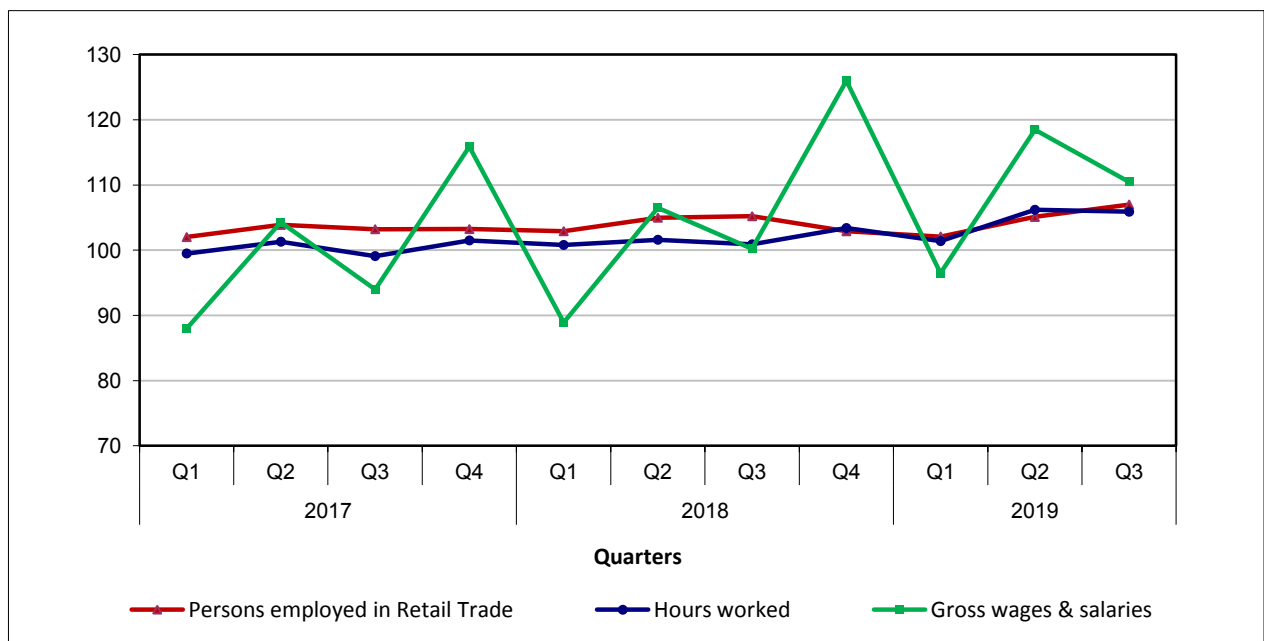
Table 1. Annual rates of change of the indices of persons Employed in retail trade

Base year: 2015=100.0

Year/Quarter		Overall Index		Overall Index excluding the automotive fuel sector		Index in the food sector		Overall Index excluding the food and automotive fuel sector	
		Index	Rates of change (%)	Index	Rates of change (%)	Index	Rates of change (%)	Index	Rates of change (%)
2015:	Q1	99.5	2.8	99.4	2.5	99.0	3.6	99.8	1.6
	Q2	100.1	2.3	100.1	2.1	100.3	3.5	99.9	0.8
	Q3	100.3	2.2	100.3	1.9	100.8	2.8	99.9	1.1
	Q4	100.0	0.8	100.1	0.6	99.9	1.8	100.4	-0.4
Annual average		*100.0*	*2.0*	*100.0*	*1.8*	*100.0*	*2.9*	*100.0*	*0.8*
2016:	Q1	99.0	-0.6	98.9	-0.5	99.8	0.7	98.2	-1.6
	Q2	100.4	0.3	100.6	0.4	102.1	1.8	99.1	-0.8
	Q3	101.0	0.6	101.3	1.0	104.1	3.3	98.7	-1.2
	Q4	102.5	2.5	102.7	2.6	105.8	5.9	99.9	-0.5
Annual average		*100.7*	*0.7*	*100.9*	*0.9*	*102.9*	*2.9*	*99.0*	*-1.0*
2017:	Q1	102.0	3.1	102.3	3.4	105.0	5.3	99.8	1.7
	Q2	103.9	3.5	104.5	3.9	107.3	5.1	101.8	2.7
	Q3	103.2	2.2	103.7	2.4	105.9	1.7	101.7	3.0
	Q4	103.2	0.7	103.7	1.0	105.6	-0.1	102.0	2.1
Annual average		*103.1*	*2.4*	*103.6*	*2.7*	*106.0*	*3.0*	*101.3*	*2.4*
2018:	Q1	102.9	0.9	103.3	0.9	105.5	0.5	101.2	1.4
	Q2	105.0	1.1	105.5	0.9	108.9	1.4	102.1	0.3
	Q3	105.2	1.9	106.0	2.2	109.4	3.3	102.7	1.0
	Q4	102.9	-0.3	103.4	-0.3	105.7	0.1	101.3	-0.7
Annual average		*104.0*	*0.9*	*104.5*	*0.9*	*107.4*	*1.3*	*101.8*	*0.5*
2019:	Q1	102.1	-0.8	102.7	-0.6	105.8	0.3	99.7	-1.5
	Q2[1]	105.1	0.1	105.9	0.4	108.4	-0.5	103.5	1.4
	Q3[2]	107.0	1.7	107.7	1.6	111.3	1.7	104.2	1.5

[1]*Revised data*
[2]*Provisional data*

Table 2. Quarterly rates of change of the indices of persons employed in retail trade

Base year: 2015=100.0

Year/Quarter		Overall Index		Overall Index excluding the automotive fuel sector		Index in the food sector		Overall Index excluding the food and automotive fuel sector	
		Index	Rates of change (%)	Index	Rates of change (%)	Index	Rates of change (%)	Index	Rates of change (%)
2015:	Q1	99.5	0.3	99.4	-0.1	99.0	1.0	99.8	-1.0
	Q2	100.1	0.6	100.1	0.7	100.3	1.3	99.9	0.1
	Q3	100.3	0.2	100.3	0.2	100.8	0.4	99.9	0.0
	Q4	100.0	-0.3	100.1	-0.2	99.9	-0.9	100.4	0.5
Annual average		*100.0*		*100.0*		*100.0*		*100.0*	
2016:	Q1	99.0	-1.0	98.9	-1.2	99.8	-0.1	98.2	-2.2
	Q2	100.4	1.4	100.6	1.6	102.1	2.4	99.1	1.0
	Q3	101.0	0.6	101.3	0.7	104.1	1.9	98.7	-0.4
	Q4	102.5	1.5	102.7	1.4	105.8	1.6	99.9	1.1
Annual average		*100.7*		*100.9*		*102.9*		*99.0*	
2017:	Q1	102.0	-0.5	102.3	-0.4	105.0	-0.7	99.8	0.0
	Q2	103.9	1.8	104.5	2.1	107.3	2.2	101.8	2.0
	Q3	103.2	-0.6	103.7	-0.7	105.9	-1.4	101.7	-0.1
	Q4	103.2	0.0	103.7	0.0	105.6	-0.2	102.0	0.3
Annual average		*103.1*		*103.6*		*106.0*		*101.3*	
2018:	Q1	102.9	-0.3	103.3	-0.4	105.5	-0.1	101.2	-0.7
	Q2	105.0	2.0	105.5	2.1	108.9	3.2	102.1	0.9
	Q3	105.2	0.2	106.0	0.5	109.4	0.5	102.7	0.6
	Q4	102.9	-2.2	103.4	-2.5	105.7	-3.4	101.3	-1.4
Annual average		*104.0*		*104.5*		*107.4*		*101.8*	
2019:	Q1	102.1	-0.8	102.7	-0.7	105.8	0.1	99.7	-1.6
	Q2[(1)]	105.1	2.9	105.9	3.1	108.4	2.5	103.5	3.8
	Q3[(2)]	107.0	1.8	107.7	1.7	111.3	2.7	104.2	0.7

[(1)]*Revised data*
[(2)]*Provisional data*

Table 3. Index of Hours Worked in retail trade

Base year: 2015=100.0

Year / Quarter		Index	Annual rates of change (%)	Quarterly rates of change (%)	Index reduced to typical quarter of equal duration	Annual rates of change (%)	Quarterly rates of change (%)
2015:	Q1	99.0	1.9	-1.7	103.6	2.1	5.2
	Q2	100.5	0.6	1.5	99.8	-0.3	-3.7
	Q3	98.5	-0.5	-2.0	96.5	-0.3	-3.3
	Q4	102.0	1.3	3.6	100.0	1.6	3.6
Annual average		*100.0*	*0.8*		*100.0*	*0.8*	
2016:	Q1	98.4	-0.6	-3.5	103.7	0.1	3.7
	Q2	100.8	0.3	2.4	99.5	-0.3	-4.1
	Q3	99.0	0.5	-1.8	97.7	1.2	-1.9
	Q4	100.8	-1.2	1.8	98.2	-1.8	0.6
Annual average		*99.8*	*-0.2*		*99.8*	*-0.2*	
2017:	Q1	99.5	1.1	-1.3	104.2	0.5	6.1
	Q2	101.3	0.4	1.7	100.6	1.1	-3.5
	Q3	99.1	0.1	-2.1	97.2	-0.5	-3.4
	Q4	101.5	0.7	2.4	99.5	1.3	2.4
Annual average		*100.4*	*0.6*		*100.4*	*0.6*	
2018:	Q1	100.8	1.3	-0.6	104.8	0.6	5.3
	Q2	101.6	0.4	0.8	101.6	1.0	-3.1
	Q3	100.9	1.8	-0.7	100.8	3.7	-0.8
	Q4	103.4	1.9	2.5	99.5	0.0	-1.3
Annual average		*101.7*	*1.3*		*101.7*	*1.3*	
2019:	Q1	101.4	0.6	-1.9	105.4	0.6	5.9
	Q2[1]	106.2	4.5	4.7	106.2	4.5	0.8
	Q3[2]	105.9	5.0	-0.3	104.5	3.7	-1.6

[1]*Revised data*
[2]*Provisional data*

Table 4. Index of Gross Wages and Salaries in retail trade

Base year: 2015=100.0

Year / Quarter		Index	Annual rates of change (%)	Quarterly rates of change (%)
2015:	Q1	88.0	11.0	-25.2
	Q2	103.1	0.8	17.2
	Q3	94.4	-6.9	-8.4
	Q4	114.5	-2.7	21.2
Annual average		*100.0*	*-0.1*	
2016:	Q1	87.9	-0.1	-23.2
	Q2	103.5	0.3	17.7
	Q3	95.7	1.4	-7.5
	Q4	113.7	-0.7	18.8
Annual average		*100.2*	*0.2*	
2017:	Q1	88.0	0.1	-22.6
	Q2	104.3	0.8	18.5
	Q3	94.0	-1.8	-9.9
	Q4	115.9	2.0	23.4
Annual average		*100.6*	*0.4*	
2018:	Q1	88.9	1.0	-23.3
	Q2	106.5	2.1	19.8
	Q3	100.2	6.6	-5.9
	Q4	126.0	8.7	25.7
Annual average		*105.4*	*4.8*	
2019:	Q1	96.5	8.5	-23.4
	Q2[1]	118.5	11.3	22.8
	Q3[2]	110.5	10.3	-6.8

[1]Revised data
[2]Provisional data

Generally	The index of persons employed in retail trade is a quarterly index that was first compiled in 2004 with base year (b.y.) 2000=100.0, while the indices of hours worked, gross wages and salaries are quarterly indices that were first compiled in March 2016 with base year 2010=100.0.
Purpose of the index - definitions	The purpose of the persons employed index is to show the development of employment in retail trade. The compilation of the index includes the number of persons employed in the enterprise irrespectively of their status (owners, partners and their family members) and the nature of their work (managers, sales persons and auxiliary staff) and irrespectively of whether they work on a provisional or seasonal basis, full time or part time, with or without remuneration.
	The purpose of the hours worked index is to show the development in the volume of work done in retail trade from the total of persons employed (employers, own-account workers, salaried employees, unpaid family workers). The total number of hours worked represents the aggregate number of hours actually worked for the output of the enterprise during the reference period (quarter). Included are hours actually worked during normal working hours, hours worked in addition to those, time which is spent at the place of work on tasks such as preparing the site and time corresponding to short periods of rest at the work place. This variable excludes hours paid but not actually worked such as for annual leave, holidays and sickness leave.
	The purpose of the wages and salaries index is to approximate the development of the gross wages and salaries bill. Wages and salaries are defined as the total remuneration, in cash or in kind, payable to all persons counted on the payroll (including home workers), in return for work done during the accounting period, regardless of whether it is paid based on working time, output or piecework and whether it is paid regularly.
Legal Framework	The compilation of the index of persons employed in retail trade is governed by Council Regulation (EC) No 1165/98 concerning short-term statistics, while the indices of hours worked, gross wages and salaries are governed by the Commission Regulation (EC) No 329/2009 amending Council Regulation (EC) No 1165/98 concerning short-term statistics as regards the updating of the list of variables. In addition, all the above indices are governed by the Regulation No 1893/2006 of the European Parliament and of the Council establishing the statistical classification of economic activities NACE Rev.2.
Reference period	Quarter.
Base year	2015=100.0.
Revision	Pursuant to the provisions of Council Regulation No 1165/98 concerning short-term statistics, the indices in question are revised every five (5) years in years ending in 0 or 5.
Statistical classification	The NACE Rev.2 statistical classification of economic activities is used, in conformity with Regulation (EC) No 1893/2006 of the European Parliament and the Council.
Geographical coverage	The indices cover the whole country, with data coming from 62 Regional Units
Coverage of economic activities	The indices cover the economic activities with four-digit code (classes) from 4711 to 4799 of NACE Rev.2 statistical classification.
Statistical survey	For the compilation of the persons employed, hours worked, gross wages and salaries in retail trade turnover indices, 38,315 retail trade enterprises are included, listed in the Business Register of ELSTAT. These enterprises had an annual turnover (in year 2015) equal to or higher than 140,000 euro, from which; a random representative sample of 575 enterprises was therefore selected and surveyed.
Calculating the indices	The indices of persons employed, hours worked, wages and salaries in retail trade are calculated as a chain index. Firstly, the moving based index is calculated by comparing the estimated value (number of persons employed, hours worked, wages and salaries) for the current quarter with the corresponding value of the previous quarter. Afterwards, the fixed base index for the current quarter is calculated by multiplying the moving-based index by the fixed base index of the previous quarter. The hours worked index is reduced to a typical quarter of equal duration. To this end the hours worked estimates are multiplied by a suitable correction factor that is calculated by dividing the mean quarterly number of working days in the given year by the number of the regular working days in the quarter under consideration.

Compiled index series   Concerning the persons employed index, from the 1st quarter 2000 onwards, four time series are compiled as follows: 1) Overall Index, 2) Overall Index (excluding the persons employed in the automotive fuel sector), 3) Index of persons employed in the food sector and 4) Index of persons employed in the non-food sector except automotive fuel.

Concerning, the time series of the hours worked, wages and salaries indices are complied from 1st quarter 2010 onwards.

Publication of data   The time series of the Index of persons employed in retail trade (2015=100.0) have being published from December 2018 (3rd quarter 2018), with revised data since 1st quarter 2000. The time series of the hours worked, and wages and salaries indices (2015=100.0) have been published from December 2018 (3rd quarter 2018), with retrospective data since 1st quarter 2010.

References   More information on the methodology concerning the compilation and calculation of the index and for the time series is available on the ELSTAT website:

http://www.statistics.gr/en/statistics/-/publication/DKT12/-