HELLENIC REPUBLIC
**HELLENIC STATISTICAL AUTHORITY**

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PRESS RELEASE

TURNOVER INDEX IN RETAIL TRADE: November 2016, y-o-y increase 1.8%

The Hellenic Statistical Authority announces the turnover and volume indices in retail trade with base year 2010=100.0 for November 2016 according to provisional and reduced data of a typical month as follows:

- The overall turnover index in retail trade in November 2016 recorded an increase of 1.8% compared with the corresponding index of November 2015, while compared with the corresponding index of October 2016 recorded a decrease of 4.3% (tables 1, 2).
- The overall volume index in retail trade (i.e. turnover in retail trade at constant prices) in November 2016, recorded an increase of 3.6% compared with the corresponding index of November 2015, while compared with the corresponding index of October 2016, recorded a decrease of 2.4% (tables 1, 2).
- The seasonally adjusted (after eliminating the monthly effects e.g. the beginning of the school year, holidays, tourist period etc) overall turnover index in November 2016 compared with the corresponding index of October 2016 recorded an decrease of 0.7% (table 5).
- The seasonally adjusted overall volume index in November 2016 compared with the corresponding index of October 2016 recorded a decrease of 0.2% (table 5).

Graph 1. Evolution of Annual Growth Rates of Turnover and Volume Index in Retail Trade (2010=100.0)
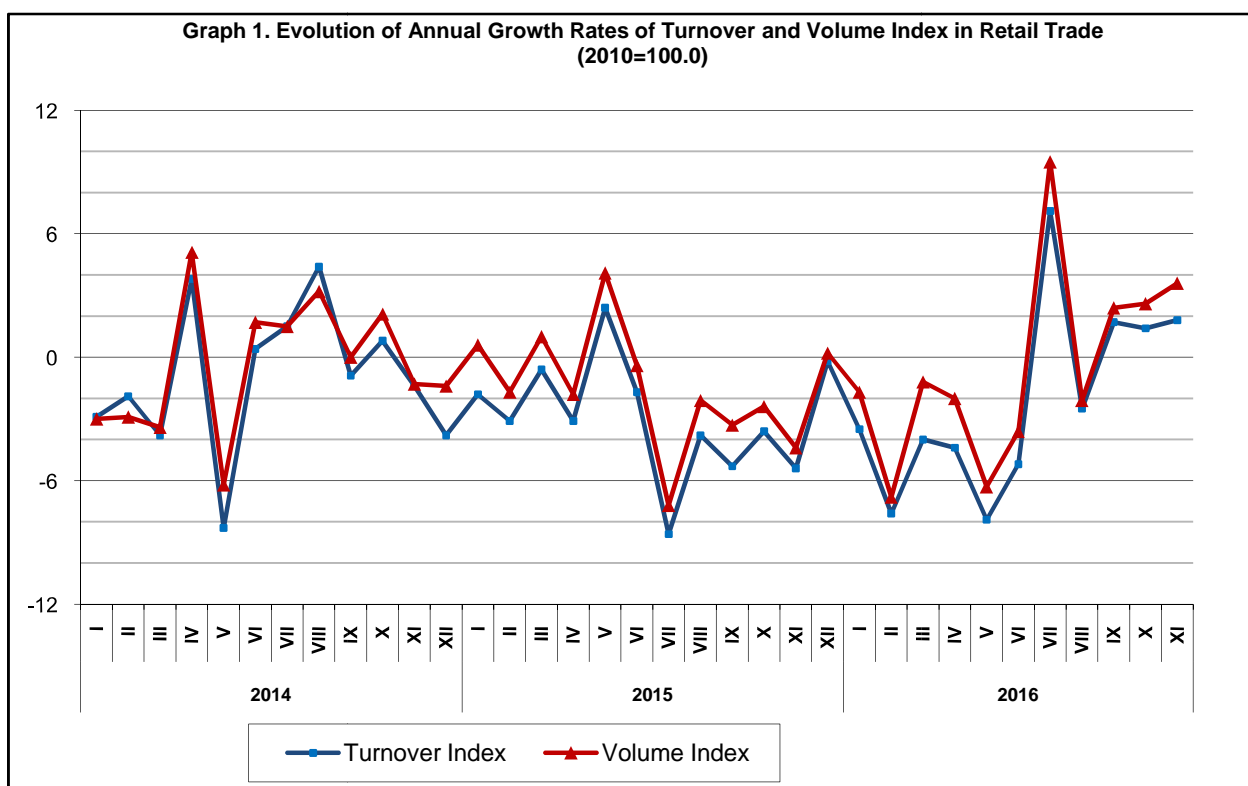
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Graphs 2 and 3 depict the evolution of both seasonally and non seasonally adjusted overall indices for turnover and volume, respectively, in retail trade.

Graph 2. Evolution of Retail Trade Turnover Index

Graph 3. Evolution of Retail Trade Volume Index
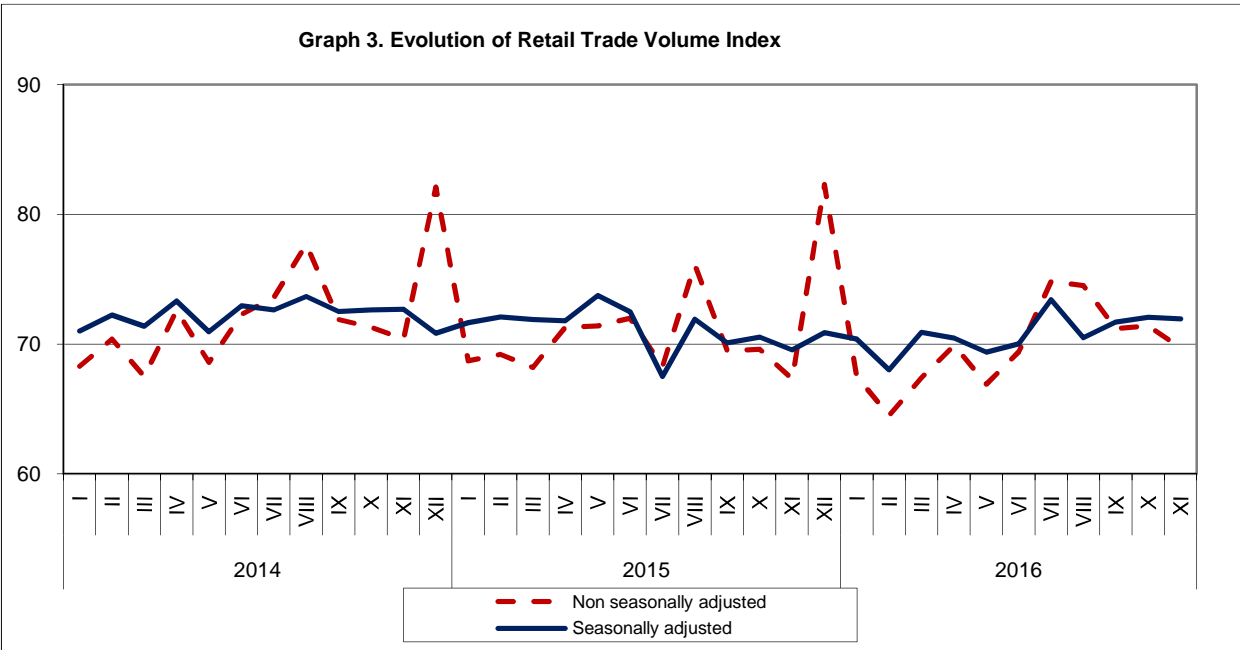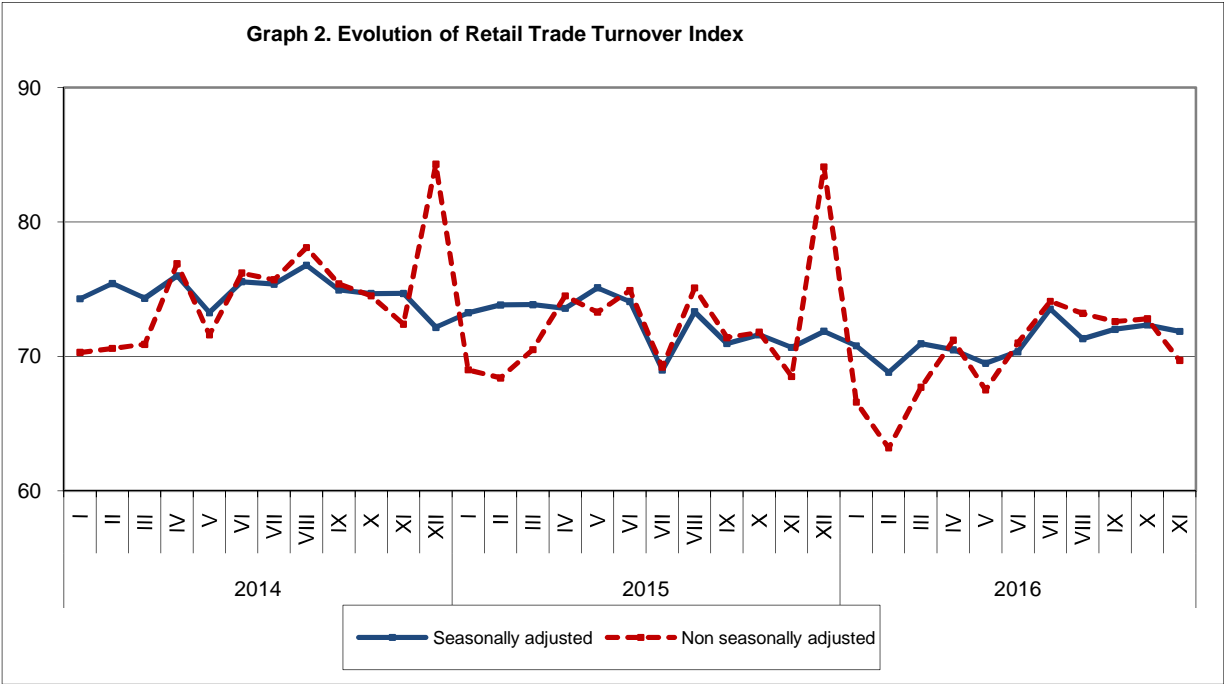
It should be noted that the whole series with seasonally adjusted indices are *recalculated* every time a *new* observation is added in time series. Therefore, the seasonally adjusted data differ from the published data of the previous Press Release.

1. Annual comparison of the turnover index

The 1.8% change of the turnover index in November 2016 compared with the corresponding index in November 2015 is due to the following changes in the main retail trade store categories:

Specialized store categories	Annual Change %
Books, Stationery, other goods	11.6
Supermarkets	4.4
Furniture, electrical equipment, household equipment	1.9
Pharmaceutical products, cosmetics	0.0
Automotive fuel	-4.1

2. Annual comparison of the volume index

The 3.6% change of the volume index in November 2016 compared with the corresponding index in November 2015 is due to the following changes in the main retail trade store categories:

Specialized store categories	Annual Change %
Books, Stationery, other goods	14.8
Supermarkets	6.4
Furniture, electrical equipment, household equipment	5.0
Pharmaceutical products, cosmetics	0.9
Automotive fuel	-5.7

Table 1. Annual rates of change of turnover index and volume index in retail trade
(Reduced data on the basis of a typical month)

Base year: 2010=100.0

Retail Trade Store Categories	Turnover Index			Volume Index		
	November 2016*	November 2015	Annual change (%)	November 2016*	November 2015	Annual change (%)
Overall Index	**69.7**	**68.5**	**1.8**	**69.7**	**67.3**	**3.6**
Overall Index except automotive fuel	71.4	69.3	3.0	72.2	68.6	5.2
I. Main store categories						
Food sector	75.1	73.2	2.6	72.3	69.3	4.3
Automotive fuel sector	62.7	65.4	-4.1	62.3	66.1	-5.7
Λοιπά καταστήματα	67.5	65.1	3.7	72.8	68.4	6.4
II. Specialized store categories						
Supermarkets	78.2	74.9	4.4	76.8	72.2	6.4
Department stores	71.5	74.8	-4.4	81.9	82.9	-1.2
Automotive fuel	62.7	65.4	-4.1	62.3	66.1	-5.7
Food-beverages-tobacco	58.3	63.4	-8.0	55.6	59.5	-6.6
Pharmaceutical products, cosmetics	60.8	60.8	0.0	64.2	63.6	0.9
Clothing and footwear	70.3	69.2	1.6	77.1	72.7	6.1
Furniture, electrical equipment, household equipment	59.5	58.4	1.9	71.1	67.7	5.0
Books, Stationery, other goods	94.9	85.0	11.6	106.0	92.3	14.8
Retail sale not in store	53.7	44.0	22.0	:	:	:

* Provisional data
: Volume Index for the "Retail sale not in stores" is not calculated.

Table 2. Monthly rates of change of turnover index and volume index in retail trade
(Reduced data on the basis of a typical month)

Base year: 2010=100.0

Retail Trade Store Categories	Turnover Index			Volume Index		
	November 2016*	October 2016	Montly change (%)	November 2016*	October 2016	Montly change (%)
Overall Index	**69.7**	**72.8**	**-4.3**	**69.7**	**71.4**	**-2.4**
Overall Index except automotive fuel	71.4	74.6	-4.3	72.2	73.7	-2.0
I. Main store categories						
Food sector	75.1	82.5	-9.0	72.3	78.8	-8.2
Automotive fuel sector	62.7	65.7	-4.6	62.3	65.1	-4.3
Λοιπά καταστήματα	67.5	66.4	1.7	72.8	68.5	6.3
II. Specialized store categories						
Supermarkets	78.2	85.1	-8.1	76.8	83.0	-7.5
Department stores	71.5	73.7	-3.0	81.9	79.5	3.0
Automotive fuel	62.7	65.7	-4.6	62.3	65.1	-4.3
Food-beverages-tobacco	58.3	67.6	-13.8	55.6	64.2	-13.4
Pharmaceutical products. cosmetics	60.8	64.2	-5.3	64.2	67.1	-4.3
Clothing and footwear	70.3	70.0	0.4	77.1	67.8	13.7
Furniture, electrical equipment, household equipment	59.5	55.6	7.0	71.1	65.1	9.2
Books, Stationery, other goods	94.9	87.5	8.5	106.0	97.1	9.2
Retail sale not in store	53.7	50.9	5.5	:	:	:

*   Provisional data
:   Volume Index for the "Retail sale not in stores" is not calculated.

Table 3. Evolution of the turnover in retail trade
(Reduced data on the basis of a typical month)

Base year: 2010=100.0

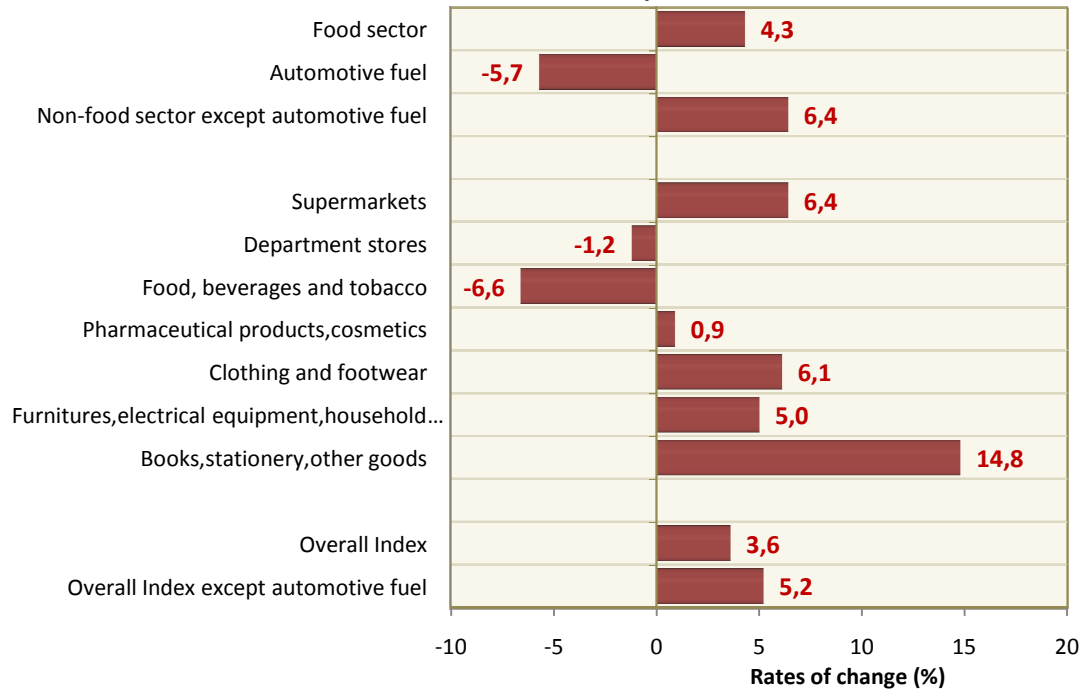| Year / Month		Overall Index		Overall index except automotive fuel		Food sector		Automotive fuel sector		Non-food sector except automotive fuel	
		Index	Annual change (%)	Index	Annual change (%)	Index	Annual change (%)	Index	Annual change (%)	Index	Annual change (%)
2014	I	70.3	-2.9	68.2	-3.7	74.2	-3.6	81.4	0.0	62.3	-3.5
	II	70.6	-1.9	69.2	-2.0	76.7	-0.8	77.8	-1.7	61.8	-3.3
	III	70.9	-3.8	69.5	-4.0	80.5	-3.3	78.4	-3.5	58.1	-4.0
	IV	76.9	3.8	76.9	3.6	85.0	5.9	78.2	5.5	68.5	0.6
	V	71.6	-8.3	71.4	-8.8	79.1	-11.7	73.1	-4.8	63.5	-4.6
	VI	76.2	0.4	75.4	0.1	83.9	-2.4	80.8	2.0	66.7	3.9
	VII	75.7	1.5	74.9	0.9	81.5	-0.9	79.8	2.8	68.1	3.2
	VIII	78.1	4.4	76.4	4.2	90.9	5.6	86.2	3.2	61.4	2.5
	IX	75.4	-0.9	74.6	-0.7	82.0	-2.0	80.0	-2.7	66.9	0.8
	X	74.5	0.8	73.6	0.8	80.7	2.0	79.7	0.6	66.1	-1.5
	XI	72.4	-1.4	71.7	-0.8	77.4	0.4	76.6	-4.0	65.8	-3.1
	XII	84.3	-3.8	87.0	-1.0	92.7	1.0	72.7	-15.4	81.2	-4.2
Average		*74.7*	*-1.2*	*74.1*	*-0.9*	*82.1*	*-0.8*	*78.7*	*-1.6*	*65.9*	*-1.2*
2015	I	69.0	-1.8	69.1	1.3	75.4	1.6	69.4	-14.7	62.5	0.3
	II	68.4	-3.1	68.9	-0.4	76.3	-0.5	67.0	-13.9	61.1	-1.1
	III	70.5	-0.6	71.0	2.2	79.0	-1.9	69.5	-11.4	62.6	7.7
	IV	74.5	-3.1	75.6	-1.7	83.9	-1.3	70.8	-9.5	66.9	-2.3
	V	73.3	2.4	73.8	3.4	81.2	2.7	72.3	-1.1	66.0	3.9
	VI	74.9	-1.7	74.6	-1.1	84.2	0.4	77.6	-4.0	64.6	-3.1
	VII	69.2	-8.6	70.2	-6.3	78.9	-3.2	65.6	-17.8	61.1	-10.3
	VIII	75.1	-3.8	75.4	-1.3	88.8	-2.3	74.8	-13.2	61.4	0.0
	IX	71.4	-5.3	73.1	-2.0	80.4	-2.0	65.0	-18.8	65.4	-2.2
	X	71.8	-3.6	73.3	-0.4	79.8	-1.1	65.8	-17.4	66.6	0.8
	XI	68.5	-5.4	69.3	-3.3	73.2	-5.4	65.4	-14.6	65.1	-1.1
	XII	84.1	-0.2	87.4	0.5	88.9	-4.1	70.7	-2.8	85.6	5.4
Average		*72.6*	*-2.8*	*73.5*	*-0.8*	*80.8*	*-1.6*	*69.5*	*-11.7*	*65.7*	*-0.3*
2016	I	66.6	-3.5	67.9	-1.7	73.6	-2.4	61.8	-11.0	62.0	-0.8
	II	63.2	-7.6	65.2	-5.4	71.9	-5.8	55.5	-17.2	58.1	-4.9
	III	67.7	-4.0	69.7	-1.8	79.2	0.3	59.8	-14.0	59.9	-4.3
	IV	71.2	-4.4	74.1	-2.0	81.4	-3.0	59.5	-16.0	66.4	-0.7
	V	67.5	-7.9	69.4	-6.0	75.0	-7.6	60.0	-17.0	63.4	-3.9
	VI	71.0	-5.2	72.9	-2.3	81.7	-3.0	63.5	-18.2	63.7	-1.4
	VII	74.1	7.1	75.8	8.0	83.1	5.3	67.1	2.3	68.2	11.6
	VIII	73.2	-2.5	74.9	-0.7	87.2	-1.8	66.4	-11.2	62.2	1.3
	IX	72.6	1.7	74.8	2.3	82.3	2.4	63.5	-2.3	67.0	2.4
	X	72.8	1.4	74.6	1.8	82.5	3.4	65.7	-0.2	66.4	-0.3
	XI*	69.7	1.8	71.4	3.0	75.1	2.6	62.7	-4.1	67.5	3.7

* Provisional data

6

Table 4. Evolution of the volume in retail trade
(Reduced data on the basis of a typical month)
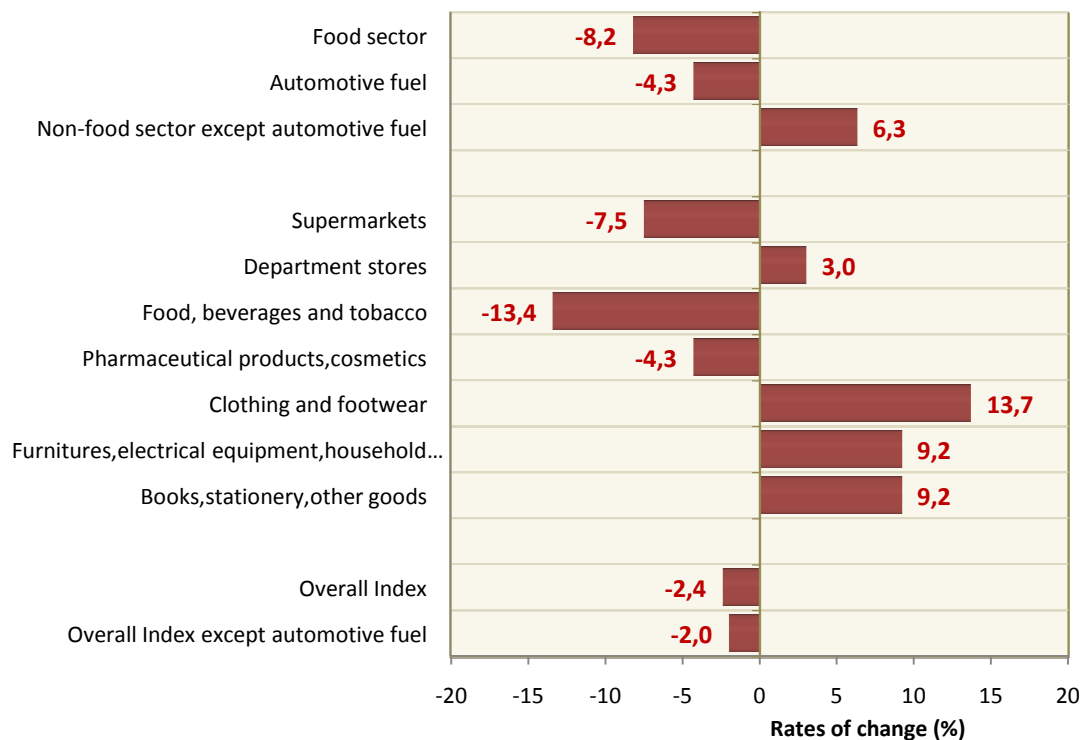
Base year: 2010=100.0

Year / Month		Overall Index		Overall index except automotive fuel		Food sector		Automotive fuel sector		Non-food sector except automotive fuel	
		Index	Annual change (%)	Index	Annual change (%)	Index	Annual change (%)	Index	Annual change (%)	Index	Annual change (%)
2014	I	68.3	-3.0	67.8	-4.5	70.2	-3.3	70.3	3.1	65.7	-4.4
	II	70.4	-2.9	71.0	-4.4	73.1	0.3	66.9	4.0	69.9	-7.3
	III	67.5	-3.4	67.6	-4.4	76.0	-2.3	67.0	0.6	58.4	-5.2
	IV	72.6	5.1	74.2	5.0	80.2	7.8	66.3	6.1	67.6	1.7
	V	68.6	-6.2	70.3	-6.1	75.2	-9.3	61.8	-5.4	64.9	-0.9
	VI	72.3	1.7	73.3	1.7	79.8	0.1	67.8	1.2	66.1	4.4
	VII	73.6	1.5	75.1	0.9	78.2	1.4	66.5	2.6	71.8	1.7
	VIII	77.7	3.2	78.4	2.2	87.5	7.8	72.9	5.2	68.3	-2.0
	IX	71.9	0.0	72.8	0.1	78.4	-0.9	68.3	-1.0	66.4	1.1
	X	71.3	2.1	71.8	2.0	76.9	2.8	69.7	2.7	66.1	0.5
	XI	70.4	-1.3	71.0	-1.3	73.9	0.5	69.1	-0.1	68.0	-3.3
	XII	82.1	-1.4	85.7	0.4	88.8	1.7	70.1	-5.4	82.3	-1.8
Average		72.2	-0.4	73.3	-0.7	78.2	0.5	68.1	1.2	68.0	-1.3
2015	I	68.7	0.6	69.2	2.1	71.6	2.0	71.1	1.1	67.1	2.1
	II	69.2	-1.7	70.6	-0.6	72.2	-1.2	65.8	-1.6	69.9	0.0
	III	68.2	1.0	69.5	2.8	74.2	-2.4	65.6	-2.1	64.5	10.4
	IV	71.3	-1.8	73.2	-1.3	78.7	-1.9	66.0	-0.5	67.5	-0.1
	V	71.4	4.1	73.1	4.0	76.9	2.3	66.1	7.0	69.2	6.6
	VI	72.0	-0.4	72.9	-0.5	79.5	-0.4	70.5	4.0	65.8	-0.5
	VII	68.3	-7.2	70.6	-6.0	75.3	-3.7	59.5	-10.5	65.8	-8.4
	VIII	76.1	-2.1	77.8	-0.8	84.6	-3.3	70.7	-3.0	70.4	3.1
	IX	69.5	-3.3	71.7	-1.5	75.9	-3.2	64.1	-6.1	67.3	1.4
	X	69.6	-2.4	71.5	-0.4	75.4	-2.0	66.0	-5.3	67.5	2.1
	XI	67.3	-4.4	68.6	-3.4	69.3	-6.2	66.1	-4.3	68.4	0.6
	XII	82.3	0.2	85.9	0.2	84.7	-4.6	72.2	3.0	87.5	6.3
Average		71.2	-1.4	72.9	-0.5	76.5	-2.2	67.0	-1.6	69.3	1.9
2016	I	67.5	-1.7	69.1	-0.1	69.9	-2.4	65.0	-8.6	69.1	3.0
	II	64.5	-6.8	66.7	-5.5	68.6	-5.0	60.1	-8.7	65.4	-6.4
	III	67.4	-1.2	69.4	-0.1	75.5	1.8	63.6	-3.0	62.9	-2.5
	IV	69.9	-2.0	72.9	-0.4	77.8	-1.1	61.9	-6.2	67.7	0.3
	V	66.9	-6.3	69.2	-5.3	71.6	-6.9	61.1	-7.6	66.9	-3.3
	VI	69.4	-3.6	71.8	-1.5	78.0	-1.9	63.2	-10.4	65.2	-0.9
	VII	74.8	9.5	77.4	9.6	79.0	4.9	67.5	13.4	76.7	16.6
	VIII	74.5	-2.1	77.0	-1.0	82.7	-2.2	67.4	-4.7	71.5	1.6
	IX	71.2	2.4	73.9	3.1	78.6	3.6	63.8	-0.5	69.2	2.8
	X	71.4	2.6	73.7	3.1	78.8	4.5	65.1	-1.4	68.5	1.5
	XI*	69.7	3.6	72.2	5.2	72.3	4.3	62.3	-5.7	72.8	6.4

* Provisional data

Graph 4. Annual change (%) of the volume indices in retail trade, for November 2016/2015

Category	Value
Food sector	4,3
Automotive fuel	-5,7
Non-food sector except automotive fuel	6,4
Supermarkets	6,4
Department stores	-1,2
Food, beverages and tobacco	-6,6
Pharmaceutical products, cosmetics	0,9
Clothing and footwear	6,1
Furnitures, electrical equipment, household...	5,0
Books, stationery, other goods	14,8
Overall Index	3,6
Overall Index except automotive fuel	5,2

Rates of change (%)

Graph 5. Montly change (%) of the volume indices in retail trade, for November 2016/October 2016

Category	Value
Food sector	-8,2
Automotive fuel	-4,3
Non-food sector except automotive fuel	6,3
Supermarkets	-7,5
Department stores	3,0
Food, beverages and tobacco	-13,4
Pharmaceutical products, cosmetics	-4,3
Clothing and footwear	13,7
Furnitures, electrical equipment, household...	9,2
Books, stationery, other goods	9,2
Overall Index	-2,4
Overall Index except automotive fuel	-2,0

Rates of change (%)

Table 5.   Monthly changes of <u>seasonally adjusted</u> turnover and volume Index

Base year: 2010=100.0

Retail Trade Store Categories	Seasonally Adjusted Turnover Index			Seasonally Adjusted Volume Index		
	November 2016	October 2016	Monthly change (%)	November 2016*	October 2016	Monthly change (%)
Overall Index	**71.9**	**72.3**	**-0.7**	**71.9**	**72.1**	**-0.2**
Overall Index except automotive fuel	74.2	74.2	0.1	75.0	74.6	0.5
I. Main store categories						
Food sector	81.0	82.2	-1.5	77.7	78.9	-1.6
Automobile fuel	62.6	64.3	-2.8	62.7	64.5	-2.8
Non-food sector except automotive fuel	67.3	66.1	1.7	72.0	71.0	1.4
II. Specialized store categories						
Supermarkets	83.8	84.7	-1.1	82.0	82.9	-1.0
Department stores	71.7	73.0	-1.9	82.7	83.2	-0.6
Automotive fuel	62.6	64.3	-2.8	62.7	64.5	-2.8
Food-beverages-tobacco	65.5	68.8	-4.8	61.9	65.4	-5.4
Pharmaceutical products. cosmetics	64.0	64.3	-0.4	66.7	66.8	-0.2
Clothing and footwear	68.4	67.8	0.9	75.3	74.0	1.7
Furniture, electrical equipment, household equipment	53.0	53.0	0.1	63.3	63.0	0.5
Books. Stationery, other goods	95.2	92.7	2.8	106.5	103.3	3.1
Retail sales not in stores	58.5	55.3	5.9	:	:	:

:   Volume Index for the "Retail sale not in stores" is not calculated.

Table 6. Monthly evolution of the <u>seasonally adjusted</u> turnover Index
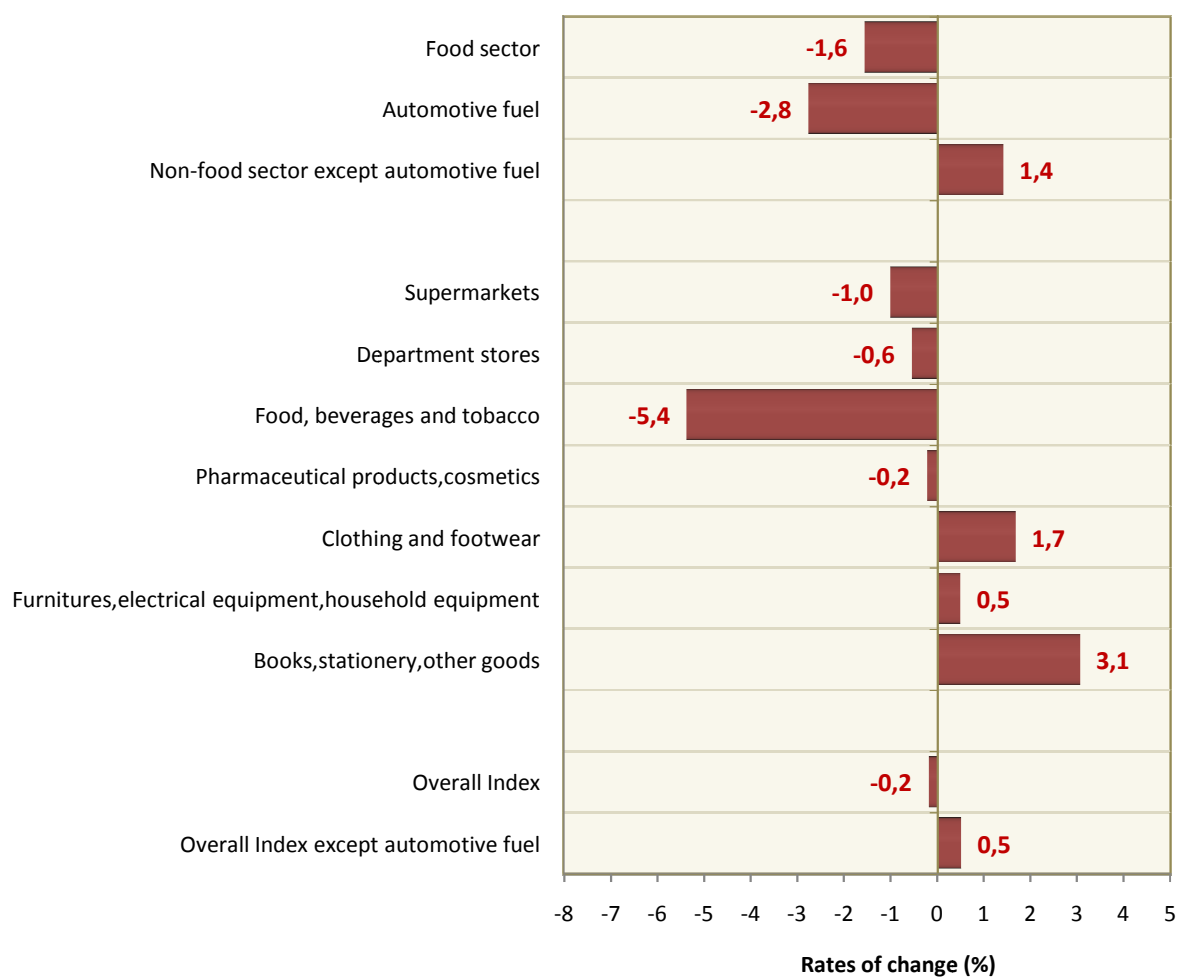
Base year: 2010=100.0

Year / Month		Overall Index Seasonally Adjusted		Overall index except automotive fuel Seasonally Adjusted		Food sector Seasonally Adjusted		Automotive fuel sector Seasonally Adjusted		Non-food sector except automotive fuel Seasonally Adjusted	
		Index	Monthly change (%)	Index	Monthly change (%)	Index	Monthly change (%)	Index	Monthly change (%)	Index	Monthly change (%)
2014	I	74.3	-0.6	73.1	-0.6	80.4	-0.8	81.3	-0.4	65.5	-1.0
	II	75.4	1.5	74.3	1.6	82.2	2.2	80.5	-1.0	66.6	1.6
	III	74.3	-1.4	73.3	-1.4	82.2	0.0	79.7	-1.0	64.1	-3.7
	IV	76.0	2.2	75.3	2.8	83.4	1.5	79.9	0.3	67.1	4.7
	V	73.3	-3.6	73.5	-2.4	81.0	-2.8	77.3	-3.3	65.4	-2.6
	VI	75.6	3.1	74.6	1.4	81.4	0.5	79.8	3.2	68.0	4.0
	VII	75.4	-0.2	74.7	0.2	81.4	-0.1	79.9	0.1	66.2	-2.7
	VIII	76.8	1.9	75.3	0.8	84.4	3.6	81.4	1.9	66.3	0.2
	IX	75.0	-2.4	74.1	-1.6	81.4	-3.5	79.1	-2.9	66.8	0.7
	X	74.7	-0.4	74.1	0.0	82.0	0.8	78.8	-0.4	65.8	-1.4
	XI	74.7	0.0	74.5	0.5	82.9	1.1	76.8	-2.5	65.9	0.2
	XII	72.2	-3.4	73.1	-1.8	82.3	-0.8	69.9	-9.0	63.7	-3.4
Average		*74.8*		*74.1*		*82.1*		*78.7*		*66.0*	
2015	I	73.2	1.5	74.2	1.5	81.9	-0.5	70.7	1.1	66.0	3.6
	II	73.8	0.8	74.7	0.7	82.4	0.7	71.1	0.6	66.5	0.8
	III	73.9	0.0	74.5	-0.3	80.6	-2.2	71.4	0.4	68.6	3.1
	IV	73.6	-0.4	73.9	-0.8	82.0	1.7	72.5	1.5	65.7	-4.1
	V	75.1	2.1	75.8	2.6	83.6	2.0	75.0	3.5	67.8	3.1
	VI	74.1	-1.4	73.9	-2.5	81.8	-2.1	75.3	0.5	66.0	-2.6
	VII	69.0	-6.9	70.3	-4.9	78.7	-3.8	65.3	-13.3	59.3	-10.1
	VIII	73.3	6.3	73.9	5.0	81.7	3.8	70.3	7.7	66.1	11.4
	IX	71.0	-3.2	72.6	-1.7	79.8	-2.4	64.7	-8.1	65.2	-1.2
	X	71.6	0.9	73.3	0.9	80.2	0.6	64.8	0.3	66.3	1.6
	XI	70.7	-1.3	72.1	-1.6	78.8	-1.7	65.3	0.8	65.1	-1.8
	XII	71.9	1.7	73.2	1.6	79.2	0.4	67.7	3.6	66.9	2.7
Average		*72.6*		*73.5*		*80.9*		*69.5*		*65.8*	
2016	I	70.8	-1.5	72.8	-0.6	79.9	0.9	63.2	-6.6	65.5	-2.1
	II	68.8	-2.8	71.5	-1.9	78.3	-2.0	59.7	-5.6	63.8	-2.5
	III	70.9	3.1	73.0	2.2	80.7	3.0	61.8	3.6	65.5	2.6
	IV	70.5	-0.6	72.7	-0.4	79.7	-1.2	61.3	-0.9	65.4	0.0
	V	69.5	-1.4	71.8	-1.2	78.0	-2.2	62.1	1.4	65.2	-0.4
	VI	70.3	1.2	72.6	1.1	79.6	2.1	61.8	-0.5	65.3	0.2
	VII	73.5	4.5	75.3	3.7	82.3	3.4	66.2	7.0	66.2	1.3
	VIII	71.3	-3.0	73.3	-2.6	80.2	-2.6	62.6	-5.4	66.7	0.8
	IX	72.0	1.0	74.1	1.0	81.4	1.5	63.1	0.9	66.7	0.1
	X	72.3	0.4	74.2	0.2	82.2	1.0	64.3	1.9	66.1	-0.9
	XI	71.9	-0.7	74.2	0.1	81.0	-1.5	62.6	-2.8	67.3	1.7

Table 7. Monthly evolution of the <u>seasonally adjusted</u> volume Index

Base year: 2010=100.0

Year / Month		Overall Index Seasonally Adjusted		Overall index except automotive fuel Seasonally Adjusted		Food sector Seasonally Adjusted		Automotive fuel sector Seasonally Adjusted		Non-food sector except automotive fuel Seasonally Adjusted	
		Index	Monthly change (%)	Index	Monthly change (%)	Index	Monthly change (%)	Index	Monthly change (%)	Index	Monthly change (%)
2014	I	71.0	-0.9	71.8	-1.0	76.1	-1.0	67.9	-0.8	67.7	-0.6
	II	72.2	1.7	73.0	1.6	78.5	3.1	68.3	0.5	67.6	-0.1
	III	71.4	-1.2	72.1	-1.2	78.3	-0.3	68.3	0.1	66.3	-2.0
	IV	73.3	2.7	74.6	3.4	77.9	-0.5	68.4	0.2	69.1	4.2
	V	70.9	-3.3	71.9	-3.6	76.2	-2.2	66.2	-3.3	67.4	-2.4
	VI	73.0	2.8	74.0	2.9	78.1	2.6	68.1	2.9	69.4	3.0
	VII	72.6	-0.4	73.9	-0.2	77.9	-0.2	68.6	0.7	68.3	-1.7
	VIII	73.7	1.4	74.0	0.3	81.3	4.4	70.3	2.4	67.9	-0.5
	IX	72.5	-1.6	73.5	-0.8	77.9	-4.2	68.5	-2.5	68.8	1.3
	X	72.6	0.2	73.7	0.3	78.2	0.4	69.2	1.1	68.7	-0.2
	XI	72.7	0.1	73.8	0.2	79.0	1.0	68.7	-0.8	68.5	-0.4
	XII	70.8	-2.5	72.9	-1.3	78.4	-0.8	65.6	-4.4	67.8	-0.9
Average		72.2		73.3		78.2		68.2		68.1	
2015	I	71.6	1.1	73.3	0.5	77.8	-0.8	69.3	5.6	68.9	1.7
	II	72.1	0.6	73.9	0.8	78.0	0.2	68.0	-1.9	70.1	1.7
	III	71.9	-0.3	73.6	-0.3	76.2	-2.2	67.0	-1.5	71.1	1.4
	IV	71.8	-0.1	73.2	-0.6	76.7	0.6	67.9	1.4	69.0	-3.0
	V	73.8	2.7	75.0	2.5	78.6	2.5	69.5	2.3	70.9	2.8
	VI	72.5	-1.7	73.5	-2.0	77.6	-1.2	70.1	0.9	69.4	-2.1
	VII	67.5	-6.9	69.7	-5.2	74.9	-3.5	61.4	-12.5	61.3	-11.6
	VIII	71.9	6.5	73.5	5.5	78.1	4.2	67.8	10.4	69.9	13.9
	IX	70.1	-2.6	72.3	-1.6	75.4	-3.4	64.6	-4.6	69.5	-0.5
	X	70.5	0.7	72.8	0.7	76.1	0.9	65.5	1.3	70.0	0.7
	XI	69.5	-1.4	71.5	-1.8	74.4	-2.2	66.0	0.8	69.0	-1.4
	XII	70.9	1.9	72.8	1.9	75.0	0.7	67.8	2.8	70.5	2.1
Average		71.2		72.9		76.6		67.1		69.1	
2016	I	70.4	-0.7	72.9	0.1	75.9	1.2	64.1	-5.6	70.1	-0.5
	II	68.0	-3.4	70.9	-2.7	74.5	-1.9	62.8	-2.0	68.7	-2.0
	III	70.9	4.2	73.2	3.2	77.3	3.8	64.9	3.4	69.5	1.2
	IV	70.5	-0.6	72.9	-0.3	76.0	-1.7	63.7	-1.7	70.1	0.8
	V	69.4	-1.5	71.7	-1.7	73.9	-2.8	63.9	0.3	69.6	-0.8
	VI	70.0	0.9	72.7	1.5	76.2	3.2	62.9	-1.5	70.1	0.7
	VII	73.4	4.9	75.6	4.0	78.3	2.7	68.2	8.4	70.8	1.0
	VIII	70.5	-4.0	73.0	-3.4	76.3	-2.5	64.4	-5.6	70.7	0.0
	IX	71.7	1.7	74.3	1.8	77.9	2.1	64.2	-0.3	71.1	0.5
	X	72.1	0.5	74.6	0.4	78.9	1.3	64.5	0.4	71.0	-0.1
	XI	71.9	-0.2	75.0	0.5	77.7	-1.6	62.7	-2.8	72.0	1.4

Graph 6. Monthly change (%) of the seasonally adjusted volume indices in retail trade, for November 2016/October 2016

Category	Rate of change (%)
Food sector	-1,6
Automotive fuel	-2,8
Non-food sector except automotive fuel	1,4
Supermarkets	-1,0
Department stores	-0,6
Food, beverages and tobacco	-5,4
Pharmaceutical products, cosmetics	-0,2
Clothing and footwear	1,7
Furnitures, electrical equipment, household equipment	0,5
Books, stationery, other goods	3,1
Overall Index	-0,2
Overall Index except automotive fuel	0,5

Rates of change (%)

It should be noted that the Retail Trade Turnover and Volume Index of October 2016, which had been announced as provisional in the previous press release, has been revised, due to new available information, as follows:

Retail Trade Store Categories	Turnover Index				Volume Index			
	Provisional	Annual change (%)	Revised	Annual change (%)	Provisional	Annual change (%)	Revised	Annual change (%)
Overall Index	**72.7**	**1.3**	**72.8**	**1.4**	**71.3**	**2.4**	**71.4**	**2.6**
Overall Index except automotive fuel	74.3	1.4	74.6	1.8	73.5	2.8	73.7	3.1
I. Main store categories								
Food sector	82.1	2.9	82.5	3.4	78.5	4.1	78.8	4.5
Non-food sector except automotive fuel	66.2	-0.6	66.4	-0.3	68.3	1.2	68.5	1.5
II. Specialized store categories								
Supermarkets	84.6	3.7	85.1	4.3	82.5	5.0	83.0	5.6
Department stores	73.7	-0.9	73.7	-0.9	79.5	1.0	79.5	1.0
Automotive fuel	66.2	0.6	65.7	-0.2	65.6	-0.6	65.1	-1.4
Food-beverages-tobacco	67.7	-1.5	67.6	-1.6	64.3	-0.3	64.2	-0.5
Pharmaceutical products, cosmetics	64.4	1.1	64.2	0.8	67.3	1.5	67.1	1.2
Clothing and footwear	70.2	-1.7	70.0	-2.0	68.0	0.6	67.8	0.3
Furniture, electrical equipment. household equipment	55.2	-7.8	55.6	-7.2	64.7	-5.5	65.1	-5.0
Books, Stationery. other goods	86.8	3.8	87.5	4.7	96.3	6.6	97.1	7.5
Retail sales not in stores	49.2	5.1	50.9	8.8	:	:	:	:

: Volume Index for the "Retail sale not in stores" is not calculated.

The final indices of the specialized store categories of October 2016 have been changed in relation to the corresponding provisional indices published in the previous press release. The changes are due to new data of the surveyed enterprises mainly in the economic activities of "Supermarkets", "Automobile fuel" and "Books, Stationery, other goods".

METHODOLOGICAL NOTES

Generally — The Retail Trade Turnover Index with the current form is being released since January 2005. The Retail Trade Turnover Index is a continuation of the Retail Sales Value Index, which had been compiled during the period 1963 to 2004.

Purpose of the index – definitions — The purpose of the Retail Trade Turnover Index is to depict the evolution of the goods and services market. Turnover comprises the total amounts invoiced by the enterprise during the reference period which correspond to the resale of goods without any further transformation. The data collected each month refers to the actual sales (both retail and wholesale) excluding VAT but including other duties and taxes on the goods.

Legal basis — The compilation of the Retail Trade Turnover Index is governed by Council Regulation (EC) No.1165/98 of 19 May 1998 concerning short-term statistics and by Regulation (EC) No.1893/2006 of the European Parliament and of the Council of 20 December 2006 establishing the statistical classification of economic activities NACE Revision 2.

Reference period — Month

Base year — 2010=100.0.

Revision — Pursuant to the provisions of the Council Regulation No 1165/98 concerning short-term statistics, the index in question is revised every five (5) years. in years ending in 0 or 5. The purpose of revising the Retail Trade Turnover Index is to adapt the index to the changes in the structure of retail trade.

Statistical classification — The NACE Rev.2 statistical classification of economic activities is used in conformity with the Regulation (EC) No 1893/2006 of the European Parliament and of the Council.

Geographical coverage — The index covers the Whole Country with data coming from 61 Regional Units.

Coverage of economic activities — The index covers the division 47 of NACE Rev 2 statistical classification of economic activities.

Statistical survey — In the framework of the survey carried out for the compilation of the Retail Trade Turnover Index (2010=100.0). It was decided to include 41,801 retail trade enterprises listed in the Business Register of ELSTAT having an annual turnover (in 2010) equal to or higher than 200,000 euro. Out of these enterprises a random sample of 1,607 enterprises was selected.

Volume Index — Since 2005 onwards the Retail Trade Volume Index is also being compiled aiming at measuring changes in the volume of retail trade.

Calculating the indices — The turnover index is calculated by the chaining method. First the moving based index is calculated by comparing the estimated turnover value for the current month with the corresponding value of the previous month. Afterwards the fixed base index for the current month is calculated by multiplying the moving-based index by the fixed base index of the previous month.

The indices are reduced to a typical month of equal duration. To this end the turnover estimates are multiplied by a suitable correction factor that is calculated by dividing the mean monthly number of working days in the given year by the number of the regular working days in the month under consideration.

The Retail Trade Volume Index is calculated by deflating the Retail Trade Turnover Index using the Consumer Price Index (CPI) as deflator.

Seasonal Adjustment — Seasonal adjustment is the procedure followed to remove the impact of seasonality on the time series in order to improve the comparability over time. The method used is the TRAMO-SEATS method with the use of JDemetra+ 2.0.0. The whole series with seasonally adjusted indices is *recalculated* every time a *new* observation is added in time series.

Compiled index series — Since the revision of the Retail Trade Turnover and Volume Indices due to the implementation of the classification NACE Rev 2, parallel time series for the indices including and not including fuels are provided. In addition, seasonally adjusted time series data are compiled.

Publication of data — The time series of Retail Trade Turnover and Volume Indices (2010=100.0), which include fuel have being published since 2000 by categories of aggregated economic activity classes*****.

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/DKT39/- .

*Categories of aggregated economic activity classes in the Turnover Index:

Super-markets
Non-specialised stores with food, beverages or tobacco predominating.

Department stores
Other retail sale in non-specialised stores.

Food-beverages-tobacco
Fruit and vegetables, meat products, Fishes, crustaceans and molluscs, bread, cakes, flour confectionery and sugar confectionery. Beverages, tobacco products, other retail sale of food in specialised stores.

Automotive fuel
Automotive fuel in specialised stores.

Pharmaceutical products, Cosmetics
Dispensing chemist, medical and orthopaedic goods, cosmetic and toilet articles in specialised stores.

Clothing and footwear
Textiles, Clothing, footwear and leather goods in specialised stores.

Furniture, electrical equipment, household equipment
Furniture, lighting equipment, audio and video equipment, hardware, paints and glass, electrical household appliances and other household articles, music and video recordings in specialised stores.

Books, stationery and other goods
Books, newspapers and stationery, computers, peripheral units and software, telecommunications equipment, carpets, rugs, wall and floor coverings, sporting equipment, Games and toys. Flowers, Plants, Seeds, Fertilisers, pet animals and pet food, watches and jewellery, other retail sale of new goods in specialised stores.

Retail sale not in stores
Retail sale via mail order houses, via Internet, via stalls and markets of other goods and other retail sale not in stores, stalls or markets.