

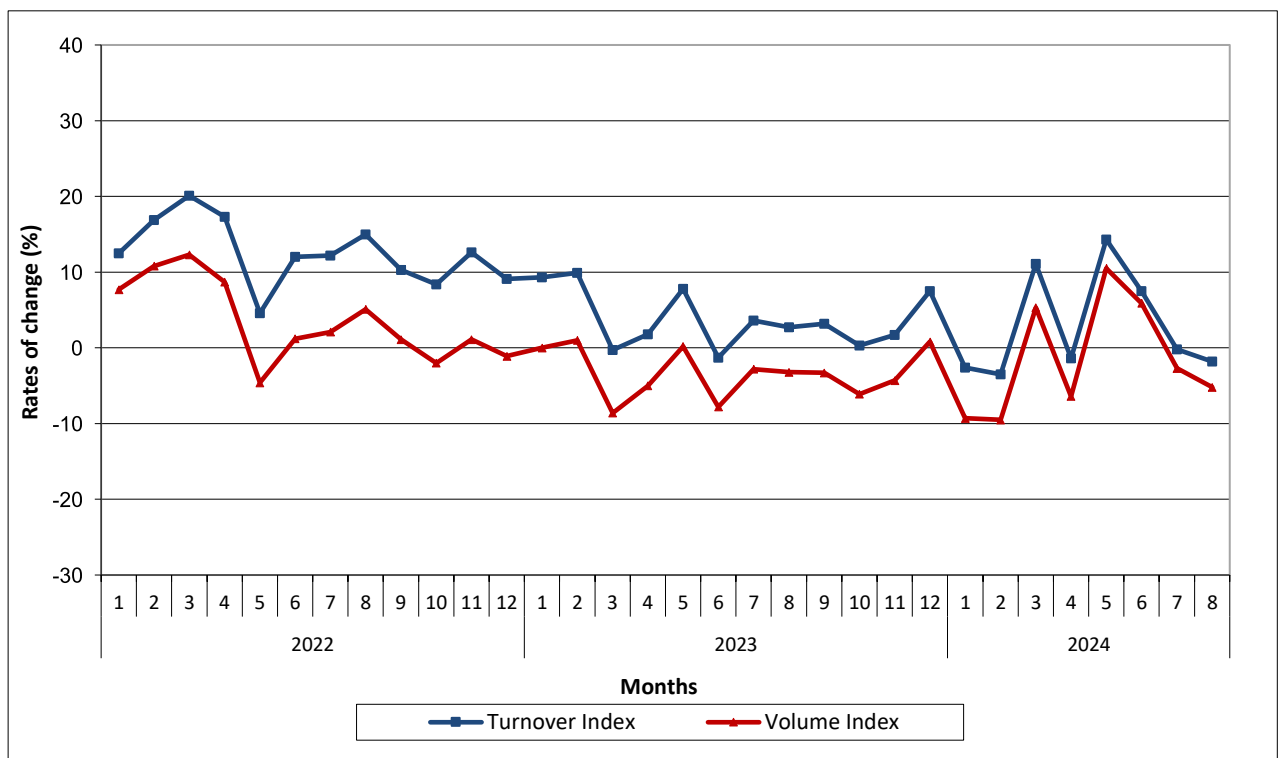


## TURNOVER INDEX IN RETAIL TRADE: August 2024, y-o-y decrease 1.8%

The Hellenic Statistical Authority (ELSTAT) announces the Turnover and Volume Indices in Retail Trade with base year 2021=100.0 for August 2024, the evolution of which, according to provisional and reduced data to a typical month, is as follows:

- The Overall Turnover Index in Retail Trade in August 2024 decreased by 1.8%, compared with the corresponding index of August 2023, while compared with the corresponding index of July 2024 decreased by 0.2% (Table 1).
- The Overall Volume Index in Retail Trade (i.e. turnover in retail trade at constant prices) in August 2024, decreased by 5.2%, compared with the corresponding index of August 2023, while, compared with the corresponding index of July 2024, increased by 0.1% (Table 2).
- The seasonally adjusted Overall Turnover Index in August 2024, compared with the corresponding index of July 2024, decreased by 0.8% (Table 5).
- The seasonally adjusted Overall Volume Index in August 2024, compared with the corresponding index of July 2024, decreased by 2.5% (Table 5).

**Graph 1.** Evolution of annual rates of change (%) for the Overall Turnover Index and the Overall Volume Index in Retail Trade



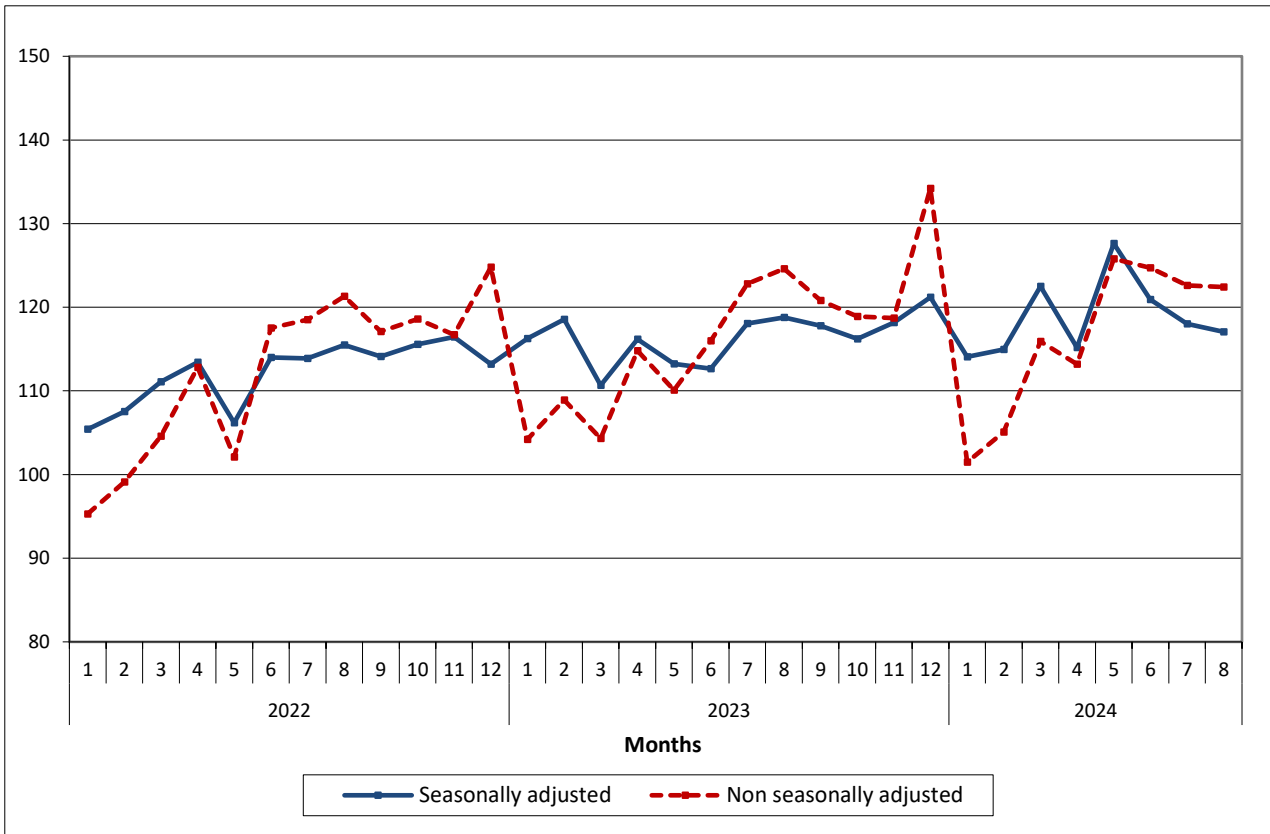
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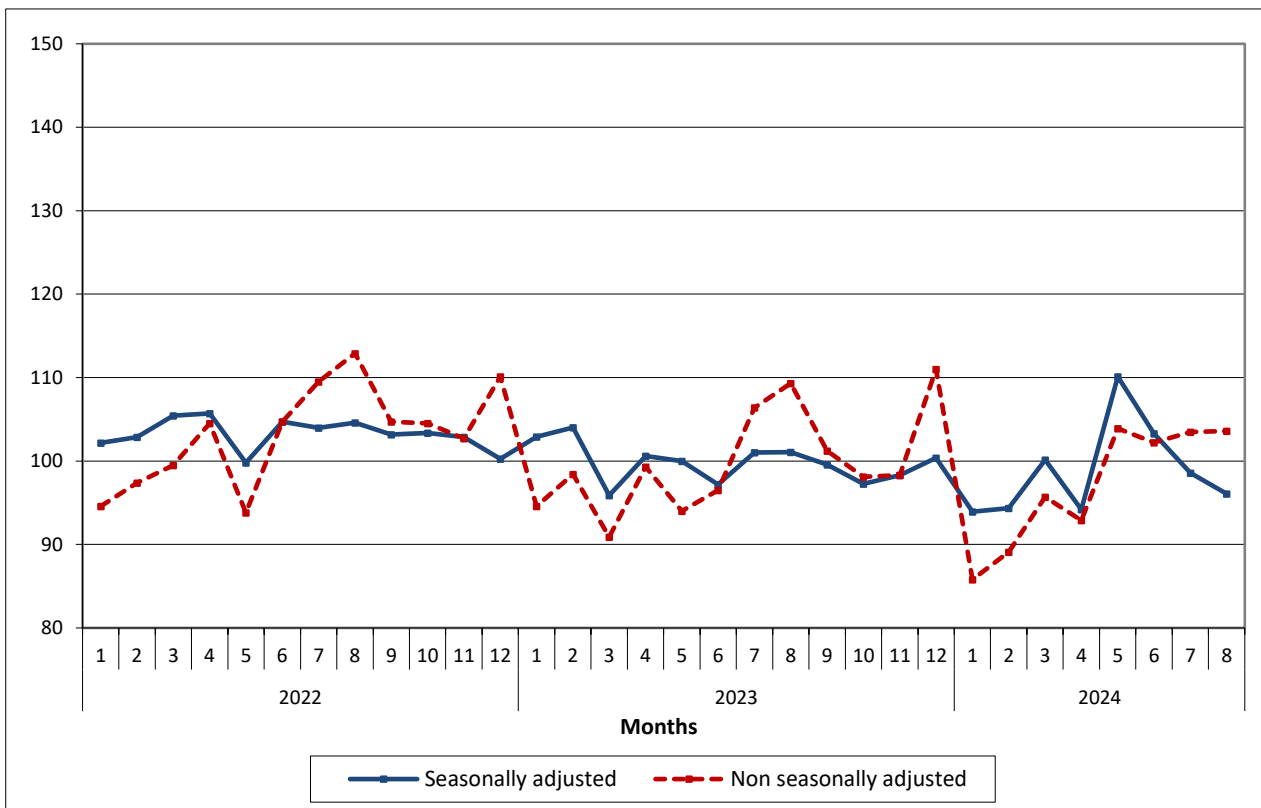
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**Graph 2. Evolution of the Overall Turnover Index in Retail Trade (2021=100.0)**



**Graph 3. Evolution of the Overall Volume Index in Retail Trade (2021=100.0)**



It should be noted, that the timeseries of the seasonally adjusted index is recalculated every time a new observation is added and could differ from 100 for the base year, as seasonal effect is not the same each year. Therefore, the seasonally adjusted data differ from the published data of the Announcement of the previous month.

**Table 1.** Annual and monthly rates of change of Turnover Index in Retail Trade  
(Data adjusted for working days)

Base year: 2021=100.0

Retail Trade Store Categories	Turnover Index				
	August	August	July	Annual	Monthly
	2024*	2023	2024**	rates of change (%)	rates of change (%)
<b>Overall Index</b>	<b>122.4</b>	<b>124.6</b>	<b>122.6</b>	<b>-1.8</b>	<b>-0.2</b>
<b>Overall Index except automotive fuel</b>	122.6	124.0	124.2	-1.1	-1.3
<b>I. Main store categories</b>					
Food sector	135.2	134.7	127.6	0.4	6.0
Automotive fuel	120.7	128.4	114.9	-6.0	5.0
Non-food sector except automotive fuel	111.9	114.0	121.5	-1.8	-7.9
<b>II. Specialized store categories</b>					
Supermarkets	140.2	132.3	130.8	6.0	7.2
Department stores	116.0	123.8	119.9	-6.3	-3.3
Automotive fuel	120.7	128.4	114.9	-6.0	5.0
Food, beverages, tobacco	111.5	148.5	112.4	-24.9	-0.8
Pharmaceutical products, cosmetics	127.2	119.1	125.6	6.8	1.3
Clothing and footwear	110.5	111.1	127.7	-0.5	-13.5
Furniture, electrical equipment, household equipment	92.7	107.6	116.6	-13.8	-20.5
Books, Stationery, other goods	111.9	114.0	117.6	-1.8	-4.8
Retail sales not in stores	66.1	64.0	81.8	3.3	-19.2

**Table 2.** Annual and monthly rates of change of Volume Index in Retail Trade  
(Data adjusted for working days)

Base year: 2021=100.0

Retail Trade Store Categories	Volume Index				
	August	August	July	Annual	Monthly
	2024*	2023	2024**	rates of change (%)	rates of change (%)
<b>Overall Index</b>	<b>103.6</b>	<b>109.3</b>	<b>103.5</b>	<b>-5.2</b>	<b>0.1</b>
<b>Overall Index except automotive fuel</b>	104.1	108.8	105.4	-4.3	-1.2
<b>I. Main store categories</b>					
Food sector	109.7	111.1	103.9	-1.3	5.6
Automotive fuel	107.9	108.0	100.4	-0.1	7.5
Non-food sector except automotive fuel	105.8	133.6	114.3	-20.8	-7.4
<b>II. Specialized store categories</b>					
Supermarkets	110.6	106.3	103.7	4.0	6.7
Department stores	111.5	146.3	113.6	-23.8	-1.8
Automotive fuel	107.9	108.0	100.4	-0.1	7.5
Food, beverages, tobacco	89.9	122.2	90.8	-26.4	-1.0
Pharmaceutical products, cosmetics	113.5	105.9	115.5	7.2	-1.7
Clothing and footwear	117.5	125.7	129.2	-6.5	-9.1
Furniture, electrical equipment, household equipment	86.1	103.2	108.3	-16.6	-20.5
Books, Stationery, other goods	104.3	107.3	108.9	-2.8	-4.2
Retail sales not in stores	:	:	:	:	:

\*Provisional data \*\* Revised data

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

Note: The indices and the percentage changes are published rounded up at one decimal digit.

**Table 3. Evolution of the Turnover Index in Retail Trade**  
(Data adjusted for working days)

Base year: 2021=100.0

Year and month	Overall Index		Overall Index except automotive fuel		Food sector		Automotive fuel sector		Non-food sector except automotive fuel	
	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)
<b>2022:</b>										
1	95.3	12.5	91.1	6.7	91.3	4.7	117.0	45.3	91.1	8.8
2	99.1	16.9	95.2	12.5	94.1	1.5	119.1	38.8	96.4	25
3	104.6	20.1	100.4	15.3	105.0	4.9	126.6	45.4	96.2	28.4
4	112.8	17.3	112	14.1	111.6	6.6	117.0	36.7	112.6	22.3
5	102.1	4.6	100.4	1.4	97.1	0.9	111.0	23.1	103.6	1.9
6	117.5	12.0	113.7	8.1	113.4	12.5	137.3	32.8	114.2	4.5
7	118.5	12.2	114.3	9.1	115.8	15.0	139.9	27.6	113.1	4.1
8	121.3	15.0	118.5	13.4	124.0	13.2	135.8	22.8	113.5	13.6
9	117.1	10.3	114.7	7.7	113.8	10.6	129.7	24.1	115.7	5.2
10	118.6	8.4	114	5.8	110.4	5.5	142.5	21.3	117.5	6.0
11	116.7	12.6	112.2	9.8	101.2	9.9	140.2	26.0	122.8	10.1
12	124.8	9.1	125.4	9.4	116.9	7.7	122.0	7.3	133.6	11.1
<b>Annual average</b>	<b>112.4</b>	<b>12.4</b>	<b>109.3</b>	<b>9.3</b>	<b>107.9</b>	<b>7.9</b>	<b>128.2</b>	<b>28.2</b>	<b>110.9</b>	<b>10.9</b>
<b>2023:</b>										
1	104.2	9.3	102.7	12.7	99.8	9.3	112.1	-4.2	105.5	15.8
2	108.9	9.9	106.5	11.9	106.8	13.5	121.1	1.7	106.4	10.4
3	104.3	-0.3	103.4	3.0	104.6	-0.4	108.9	-14	102.5	6.5
4	114.8	1.8	116	3.6	117.9	5.6	108.7	-7.1	114.5	1.7
5	110.1	7.8	111.4	11.0	111.3	14.6	103.6	-6.7	111.6	7.7
6	116	-1.3	117.2	3.1	117.7	3.8	109.9	-20.0	116.9	2.4
7	122.8	3.6	122.8	7.4	126.0	8.8	123.3	-11.9	120.0	6.1
8	124.6	2.7	124	4.6	134.7	8.6	128.4	-5.4	114.0	0.4
9	120.8	3.2	120.7	5.2	127.3	11.9	121.7	-6.2	114.7	-0.9
10	118.9	0.3	116.9	2.5	117.9	6.8	129.6	-9.1	116.1	-1.2
11	118.7	1.7	118.0	5.2	109.4	8.1	122.6	-12.6	125.9	2.5
12	134.2	7.5	136.5	8.9	132.5	13.3	122.5	0.4	140.3	5.0
<b>Annual average</b>	<b>116.5</b>	<b>3.6</b>	<b>116.4</b>	<b>6.5</b>	<b>117.2</b>	<b>8.6</b>	<b>117.7</b>	<b>-8.2</b>	<b>115.7</b>	<b>4.3</b>
<b>2024:</b>										
1	101.5	-2.6	98.6	-4.0	99.9	0.1	115.0	2.6	97.8	-7.3
2	105.1	-3.5	104.4	-2.0	106.4	-0.4	108.4	-10.5	102.8	-3.4
3	115.9	11.1	115.3	11.5	121.6	16.3	118.4	8.7	110.0	7.3
4	113.2	-1.4	113.9	-1.8	110.9	-5.9	109.2	0.5	116.8	2.0
5	125.8	14.3	126.5	13.6	129.5	16.4	122.4	18.1	124.1	11.2
6	124.7	7.5	125.4	7.0	126.3	7.3	121.2	10.3	124.8	6.8
7**	122.6	-0.2	124.2	1.1	127.6	1.3	114.9	-6.8	121.5	1.3
8*	122.4	-1.8	122.6	-1.1	135.2	0.4	120.7	-6.0	111.9	-1.8

\*Provisional data \*\*Revised data

Note: The indices and the percentage changes are published rounded up at one decimal digit.

**Table 4.** Evolution of the Volume Index in Retail Trade  
(Data adjusted for working days)

Base year: 2021=100.0

Year and month	Overall Index		Overall Index except automotive fuel		Food sector		Automotive fuel sector		Non-food sector except automotive fuel		
	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	Indices	Annual rates of change (%)	
<b>2022:</b>	1	94.6	7.7	91.1	3.4	89.1	0.7	108.0	19.5	94.9	7.2
	2	97.4	10.8	94.6	8.2	90.4	-3.6	104.8	12.6	101.7	23.7
	3	99.5	12.3	97.3	10.1	100.3	-1.1	101.6	12.5	95.7	25.9
	4	104.5	8.7	105.4	7.7	104.7	-1.6	93.3	5.8	107.1	20.5
	5	93.8	-4.6	94.3	-5.3	89.8	-7.6	83.2	-10.0	100.8	-0.5
	6	104.7	1.2	104.1	0.6	102.8	2.5	95.8	-8.8	107.0	1.3
	7	109.5	2.1	108.4	1.6	105.5	4.5	103.7	-4.1	114.8	1.3
	8	112.9	5.1	112.1	5.0	111.8	2.4	109.3	1.0	116.5	9.4
	9	104.7	1.1	103.4	-0.6	101.4	0.1	107.4	5.4	106.3	0.7
	10	104.5	-2.0	101.4	-3.7	97.3	-5.9	114.4	2.9	106.4	0.1
	11	102.7	1.1	99.8	-0.8	88.4	-2.2	111.0	7.0	112.6	1.9
	12	110.1	-1.1	110.8	-0.8	102.1	-4.6	106.1	-1.3	120.4	4.2
<b>Annual average</b>		<b>103.3</b>	<b>3.3</b>	<b>101.9</b>	<b>1.9</b>	<b>98.6</b>	<b>-1.4</b>	<b>103.2</b>	<b>3.2</b>	<b>107.0</b>	<b>7.0</b>
<b>2023:</b>	1	94.6	0.0	93.3	2.4	86.4	-3.0	97.5	-9.7	118.5	24.9
	2	98.4	1.0	96.4	1.9	91.4	1.1	104.6	-0.2	124.0	21.9
	3	90.9	-8.6	90.2	-7.3	89.2	-11.1	94.3	-7.2	96.0	0.3
	4	99.3	-5.0	100.5	-4.6	100.6	-3.9	93.8	0.5	102.4	-4.4
	5	94.0	0.2	95.2	1.0	93.4	4.0	93.4	12.3	100.8	0.0
	6	96.5	-7.8	97.6	-6.2	96.1	-6.5	97.7	2.0	102.9	-3.8
	7	106.4	-2.8	106.4	-1.8	103.4	-2.0	108.4	4.5	133.0	15.9
	8	109.3	-3.2	108.8	-2.9	111.1	-0.6	108.0	-1.2	133.6	14.7
	9	101.2	-3.3	101.2	-2.1	104.9	3.5	100.0	-6.9	101.0	-5.0
	10	98.1	-6.1	96.6	-4.7	95.5	-1.8	110.9	-3.1	101.5	-4.6
	11	98.3	-4.3	97.8	-2.0	88.8	0.5	107.1	-3.5	111.9	-0.6
	12	111.0	0.8	113.1	2.1	107.6	5.4	110.2	3.9	123.2	2.3
<b>Annual average</b>		<b>99.8</b>	<b>-3.4</b>	<b>99.8</b>	<b>-2.1</b>	<b>97.4</b>	<b>-1.2</b>	<b>102.2</b>	<b>-1.0</b>	<b>112.4</b>	<b>5.0</b>
<b>2024:</b>	1	85.8	-9.3	83.6	-10.4	80.8	-6.5	103.9	6.6	91.9	-22.4
	2	89.1	-9.5	88.9	-7.8	86.1	-5.8	95.1	-9.1	98.0	-21.0
	3	95.7	5.3	95.6	6.0	99.1	11.1	101.9	8.1	96.6	0.6
	4	92.9	-6.4	94.1	-6.4	90.4	-10.1	92.0	-1.9	101.5	-0.9
	5	103.9	10.5	105.0	10.3	106.3	13.8	104.7	12.1	108.0	7.1
	6	102.2	5.9	102.9	5.4	102.4	6.6	107.0	9.5	108.2	5.2
	7**	103.5	-2.7	105.4	-0.9	103.9	0.5	100.4	-7.4	114.3	-14.1
	8*	103.6	-5.2	104.1	-4.3	109.7	-1.3	107.9	-0.1	105.8	-20.8

\*Provisional data \*\* Revised data

Note: The indices and the percentage changes are published rounded up at one decimal digit.

Table 5. Monthly rates of change of seasonally adjusted Turnover and Volume Indices in Retail Trade

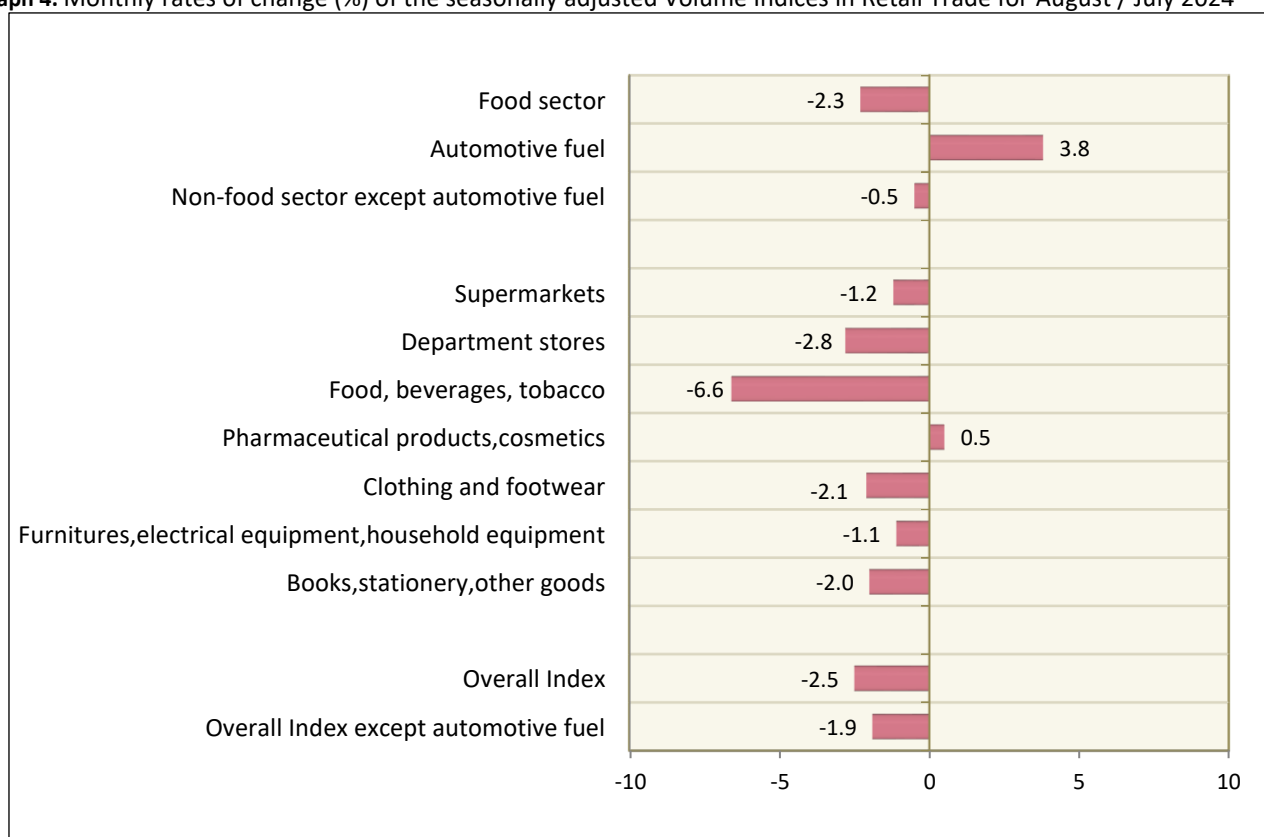
Base year: 2021=100.0

Retail Trade Store Categories	Turnover Index			Volume Index		
	August 2024	July 2024	Monthly rates of change (%)	August 2024	July 2024	Monthly rates of change (%)
<b>Overall Index</b>	<b>117.1</b>	<b>118.0</b>	<b>-0.8</b>	<b>96.1</b>	<b>98.6</b>	<b>-2.5</b>
<b>Overall Index except automotive fuel</b>	117.6	119.1	-1.3	96.4	98.3	-1.9
<b>I. Main store categories</b>						
Food sector	120.2	120.7	-0.4	97.3	99.6	-2.3
Automotive fuel	114.5	111.8	2.4	103.3	99.6	3.8
Non-food sector except automotive fuel	116.3	118.0	-1.4	102.6	103.2	-0.5
<b>II. Specialized store categories</b>						
Supermarkets	125.3	124.4	0.7	98.2	99.5	-1.2
Department stores	111.1	115.7	-4.0	97.0	99.8	-2.8
Automotive fuel	114.5	111.8	2.4	103.3	99.6	3.8
Food, beverages, tobacco	94.5	100.1	-5.6	76.2	81.5	-6.6
Pharmaceutical products, cosmetics	124.6	122.9	1.3	110.9	110.4	0.5
Clothing and footwear	121.2	121.3	-0.1	100.7	102.9	-2.1
Furniture, electrical equipment, household equipment	105.4	106.5	-1.0	97.3	98.4	-1.1
Books, Stationery, other goods	118.0	120.6	-2.2	109.2	111.5	-2.0
Retail sales not in stores	84.2	90.1	-6.5	:	:	:

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

Note: The indices and the percentage changes are published rounded up at one decimal digit.

Graph 4. Monthly rates of change (%) of the seasonally adjusted Volume Indices in Retail Trade for August / July 2024



<b>Generally</b>	The Retail Trade Turnover Index is a monthly index, which was released in 2006 for the first time, with base year (b.y.) the year 2005=100.0. This index is a continuation of the Retail Sales Value Index, which had been compiled since 1963.
<b>Purpose of the index – definitions</b>	The purpose of the index is to depict the evolution of the goods and services market. Turnover comprises the total amounts invoiced per Kind of Activity Unit (KAU), during the reference period which correspond to the resale of goods without any further transformation. The data collected each month refer to the actual sales (both retail and wholesale) excluding VAT but including other duties and taxes on the goods.
<b>Legal Framework</b>	The compilation of the Turnover Index is governed by Regulation (EU) 2019/2152 of the European Parliament and of the Council on European business statistics and by the implementing Regulation (EU) 2020/1197 of the Commission. Furthermore, this index is governed by Regulation (EC) No 1893/2006 of the European Parliament and of the Council.
<b>Reference period</b>	Month.
<b>Base year</b>	2021=100.0
<b>Revision</b>	Pursuant to the provisions of the Council Regulation (EU) 2019/2152, according to which the short-term indices are revised every five (5) years, in years ending in 0 or 5, in the current revision 2021=100.0 due to the impact of the pandemic, the indices were revised with base year 2021. The purpose of the revision is to adapt the index to the changes in the structure of retail trade.
<b>Statistical classification</b>	The NACE Rev. 2 statistical classification of economic activities is used in conformity with Regulation (EC) No 1893/2006 of the European Parliament and of the Council.
<b>Geographical coverage</b>	The index covers the whole of the country with data coming from 72 Regional Units.
<b>Coverage of economic activities</b>	The index covers the codes from 4711 to 4799 of the division 47 of NACE Rev. 2 statistical classification of economic activities.
<b>Statistical survey</b>	The index includes 32,504 retail trade enterprises per KAU, with an annual turnover (in year 2021) equal or greater than 200,000€, from which a random representative sample of 1,861 enterprises was therefore selected and surveyed.
<b>Volume Index</b>	Since 2005, a parallel calculation of the retail trade volume index is introduced, for measuring the volume changes in retail trade. The volume index is calculated by deflating the turnover Index, with the use of the Harmonized Index of Consumer Prices at Constant Tax rates (HICP-CT) as a deflator.
<b>Calculating the indices</b>	The turnover index is calculated by applying the chaining method. Firstly the moving base 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 base index by the fixed base index of the previous month. The comparability of the indices is achieved by reducing them to indices of a typical month of equal duration. This is implemented through the multiplication of the estimated turnover values by a specific correcting coefficient that results, by dividing the average monthly number of working days in the current year, by the number of the regular working days of the surveyed month.
<b>Seasonal Adjustment</b>	Seasonal adjustment is the procedure followed to remove the impact of seasonality on the timeseries (that is eliminating the monthly effects, e.g: the beginning of the school year, holidays, tourist period, etc) to improve the comparability over time. The seasonal adjustment is performed by the application of 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.
<b>Compiled index series</b>	Due to the implementation of the classification NACE Rev. 2, parallel time-series for the indices including and not including the automotive fuels are provided. These timeseries data are also compiled seasonally adjusted.
<b>Publication of data</b>	Timeseries of Retail Trade Turnover and Volume Indices (b.y. 2021=100.0) are released monthly since February 2024, with retrospective data from 2000, into the following categories of economic activity classes:  <b>Supermarkets</b> Non-specialized stores with food, beverages or tobacco predominating. <b>Department stores</b> Other retail sale in non-specialized 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 specialized stores.

**Automotive fuel**

Automotive fuel in specialized stores.

**Pharmaceutical products. Cosmetics**

Dispensing chemist, medical and orthopaedic goods, cosmetic and toilet articles in specialized stores.

**Clothing and footwear**

Textiles, clothing, footwear and leather goods in specialized 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 specialized stores.

**Books, stationery and other goods**

Books, newspapers and stationery, sporting equipment, games and toys, watches and jewellery, computers, peripheral units and software, telecommunications equipment, flowers, plants, seeds, fertilisers, pet animals and pet food, carpets, rugs, wall and floor coverings, other retail sale of new goods in specialized stores.

**Retail sales not in stores**

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

**Food sector**

Supermarkets, Food, beverages, tobacco

**References**

More information on the methodology concerning the compilation and calculation of the indices and for the timeseries is available at ELSTAT website:

<http://www.statistics.gr/en/statistics/-/publication/DKT39/>