



**Retail Sales Index -
Volume
Annual % Change**



(Base year 2005 = 100)

Retail Sales volume decrease by 0.3% in September 2010 compared with September 2009

Motors (+13.2%), Non-Specialised Stores (+0.8%) were amongst the six categories that showed year-on-year increases in the volume of retail of retail sales this month. Other Retail (-12.4%) and Bars (-11.6%) were amongst the seven categories that showed annual declines. Month-on-month declines in the volume of retail sales were evident in ten of the categories while only three categories showed monthly increases in September 2010.

The value of retail sales decreased by 2.6% in September 2010 when compared with September 2009 and there was a month-on-month change of -1.2%. If Motor Trades are excluded, there was an annual decrease of 4.1% in the value of retail sales and a monthly decrease of 0.9%.

Provisional estimates are now available for the third quarter of 2010. These figures show the volume of retail sales increased by 0.2% in the third quarter of 2010 compared with the same quarter in 2009. There was no change in the volume of retail sales when comparing the third quarter of 2010 with the second quarter. If Motor Trades are excluded the volume of retail sales decreased by 2.3% year-on-year, while the quarterly decrease was -2.0%.

For more information contact Patrick Foley on 021 453 5012, Alan Finlay on 021 453 5211 or Sinéad Leyden on 021 453 5523.

Table 1 Seasonally Adjusted Indices of Total Retail Sales ¹**Base Year: 2005=100**

Total Retail Sales for all Businesses Combined						
Period	Value of Sales			Volume of Sales		
	Index	% change on previous period	Annual % change	Index	% change on previous period	Annual % change
2006 Year	108.1	8.1	8.1	107.3	7.3	7.3
2007 Year	116.0	7.3	7.3	114.7	6.9	6.9
2008 Year	110.8	-4.5	-4.5	107.7	-6.1	-6.1
2009 Year	90.9	-18.0	-18.0	92.6	-14.0	-14.0
2009 1st quarter	88.4	-16.6	-23.5	88.1	-15.2	-21.4
2nd quarter	90.6	2.5	-18.1	92.2	4.7	-13.8
3rd quarter	92.4	2.0	-15.7	94.9	2.9	-11.0
4th quarter	92.0	-0.4	-13.2	95.2	0.3	-8.4
2010 1st quarter	85.6	-6.9	-3.1	89.2	-6.3	1.2
2nd quarter	90.3	5.4	-0.3	95.1	6.6	3.1
3rd quarter ²	90.1	-0.3	-2.5	95.1	0.0	0.2
2009 April	87.8	-3.1	-22.6	89.8	-0.9	-18.0
May	90.7	3.4	-18.2	92.4	2.9	-14.2
June	92.7	2.1	-14.5	94.0	1.7	-9.8
July	92.6	-0.1	-19.1	94.7	0.8	-14.4
August	92.6	0.0	-13.4	94.7	0.0	-8.7
September	92.1	-0.5	-14.6	95.1	0.4	-10.0
October	91.9	-0.2	-14.1	94.6	-0.6	-9.3
November	91.9	0.0	-13.2	95.2	0.6	-8.5
December	92.2	0.3	-12.4	95.7	0.5	-7.5
2010 January	78.4	-15.0	-7.7	80.4	-16.0	-3.8
February	87.8	12.0	-1.7	92.1	14.5	2.8
March	89.7	2.1	-1.1	94.0	2.1	3.7
April	90.2	0.7	2.8	95.4	1.5	6.3
May	90.6	0.3	-0.2	95.2	-0.2	3.1
June	90.2	-0.4	-2.6	94.9	-0.3	1.0
July	89.6	-0.6	-3.2	94.6	-0.4	-0.2
August	90.9	1.4	-1.9	95.8	1.3	1.1
September ²	89.8	-1.2	-2.6	94.9	-0.9	-0.3

¹ Based on Seasonal Patterns up to September 2010² Provisional value and volume of sales indices based on early returns from sample retailers

Table 2 Seasonally Adjusted Indices of Total Retail Sales (Excluding Motor Trades)¹**Base Year: 2005=100**

Total Retail Sales for all Businesses Combined (Excl Motor Trades)						
Period	Value of Sales			Volume of Sales		
	Index	% change on previous period	Annual % change	Index	% change on previous period	Annual % change
2006 Year	108.1	8.1	8.1	107.6	7.6	7.6
2007 Year	115.8	7.1	7.1	115.0	6.9	6.9
2008 Year	114.9	-0.8	-0.8	111.8	-2.8	-2.8
2009 Year	102.1	-11.1	-11.1	104.2	-6.8	-6.8
2009 1st quarter	106.0	-3.9	-10.1	105.9	-2.8	-7.6
2nd quarter	102.9	-2.9	-12.1	104.0	-1.8	-7.6
3rd quarter	101.0	-1.8	-11.2	103.9	-0.1	-5.7
4th quarter	97.7	-3.3	-11.4	102.1	-1.7	-6.3
2010 1st quarter	99.0	1.3	-6.6	103.1	0.9	-2.7
2nd quarter	98.9	-0.1	-3.9	103.6	0.5	-0.4
3rd quarter ²	96.7	-2.2	-4.2	101.5	-2.0	-2.3
2009 April	103.7	-0.7	-12.2	104.5	-0.3	-8.5
May	102.2	-1.5	-13.2	103.4	-1.1	-8.9
June	102.9	0.6	-10.8	104.1	0.7	-5.6
July	102.0	-0.8	-11.4	104.5	0.4	-5.8
August	101.0	-1.0	-10.2	103.7	-0.8	-5.0
September	100.3	-0.7	-11.6	103.6	-0.1	-6.1
October	99.1	-1.2	-12.0	102.4	-1.2	-6.9
November	97.1	-2.0	-11.2	102.2	-0.2	-5.9
December	97.0	-0.1	-11.3	101.9	-0.3	-6.3
2010 January	98.9	2.0	-8.1	102.3	0.4	-4.5
February	98.2	-0.7	-7.6	102.4	0.1	-3.4
March	99.6	1.4	-4.7	104.2	1.7	-0.6
April	100.6	1.0	-3.0	105.3	1.1	0.8
May	98.7	-1.9	-3.5	103.4	-1.9	0.0
June	97.7	-1.0	-5.0	102.5	-0.8	-1.5
July	97.1	-0.6	-4.9	101.8	-0.7	-2.6
August	97.1	0.0	-3.9	101.9	0.1	-1.8
September ²	96.2	-0.9	-4.1	101.0	-0.8	-2.5

¹ Based on Seasonal Patterns up to September 2010² Provisional value and volume of sales indices based on early returns from sample retailers

Table 3 Seasonally Adjusted¹ Value and Volume Indices of Retail Sales for 13 Retail Businesses
(Preliminary Estimates) Base Year: 2005=100

Retail Business - NACE REV 2	September 2010					
	Value of Sales			Volume of Sales		
	Index	% change on previous month	Annual % change	Index	% change on previous month	Annual % change
Motor Trades	64.6	-1.2	7.4	68.7	-0.6	13.2
Non-Specialised Stores (excluding Department Stores)	114.3	-0.3	-1.1	114.0	-0.3	0.8
Department Stores	88.8	1.3	2.0	115.6	1.5	8.5
Food beverages & Tobacco	90.3	-1.3	-7.2	89.4	-1.1	-4.2
Fuel	105.3	-1.8	0.6	85.5	-3.0	-8.9
Pharmaceuticals Medical & Cosmetic Articles	110.1	-1.5	-0.6	120.7	-1.1	4.6
Clothing, Footwear & Textiles	85.5	0.6	-3.2	116.9	0.4	3.7
Furniture and Lighting	59.9	-1.3	-14.4	77.1	-1.1	-9.0
Hardware, Paints & Glass	76.9	-6.1	-10.9	80.2	-5.4	-8.7
Electrical Goods	76.2	4.4	-2.9	125.1	5.4	5.5
Books, Newspapers and Stationery	75.3	-9.9	-12.1	71.9	-4.2	-9.4
Other Retail Sales	79.1	-3.1	-12.2	96.2	-3.0	-12.4
Bars	77.9	-2.1	-13.8	71.6	-2.2	-11.6
All Businesses excl. Motor Trades	96.2	-0.9	-4.1	101.0	-0.8	-2.5
All Businesses	89.8	-1.2	-2.6	94.9	-0.9	-0.3
Of which:- <u>Combined Groups</u>						
All Businesses excl Motor Trades & Bars	98.4	-0.8	-3.0	105.2	-1.0	-1.4
Motors & Fuel	73.3	-1.2	4.7	73.4	-1.1	6.4
All Bus. Excl. Motor Trades, Fuel & Bars	97.9	-0.9	-3.4	108.4	-0.4	-0.3
Food Businesses	112.6	-0.5	-1.6	111.8	-0.4	0.5
Non-Food (Excl Motor Trades, Fuel & Bars)	84.2	-1.9	-5.4	104.2	-1.3	-1.3
Household Equipment	73.2	-0.9	-8.0	94.7	-0.8	-3.1
Books, Newspapers Stationery & Other Goods	78.6	-3.3	-12.1	90.9	-2.5	-12.2

¹ Based on Seasonal Patterns up to September 2010, individual series are independently adjusted

Table 4 Seasonally Adjusted¹ Value and Volume Indices of Retail Sales for 13 Retail Businesses
Base Year: 2005=100

Retail Business - NACE REV 2	August 2010					
	Value of Sales			Volume of Sales		
	Index	% change on previous month	Annual % change	Index	% change on previous month	Annual % change
Motor Trades	65.4	4.8	14.3	69.1	5.3	20.1
Non-Specialised Stores (excluding Department Stores)	114.6	-1.1	-1.8	114.3	-0.7	0.9
Department Stores	87.7	4.0	-2.5	113.8	5.7	4.8
Food beverages & Tobacco	91.4	2.5	-4.1	90.3	2.5	-0.4
Fuel	107.1	3.6	7.4	88.2	2.5	-3.5
Pharmaceuticals Medical & Cosmetic Articles	111.8	3.6	-4.1	122.0	3.5	1.6
Clothing, Footwear & Textiles	85.0	0.0	-6.4	116.5	0.0	1.3
Furniture and Lighting	60.7	-1.7	-16.0	78.0	-1.4	-10.4
Hardware, Paints & Glass	81.9	1.4	-5.1	84.8	1.4	-2.5
Electrical Goods	73.0	-3.7	-7.1	118.7	-3.7	2.1
Books, Newspapers and Stationery	83.6	8.0	-4.7	75.1	4.2	-5.3
Other Retail Sales	81.7	-2.3	-8.1	99.2	-2.3	-7.9
Bars	79.6	-0.5	-12.4	73.2	-0.4	-10.0
All Businesses excl. Motor Trades	97.1	0.0	-3.9	101.9	0.1	-1.8
All Businesses	90.9	1.4	-1.9	95.8	1.3	1.1
Of which:- <u>Combined Groups</u>						
All Businesses excl Motor Trades & Bars	99.3	0.1	-2.8	106.3	0.3	-0.7
Motors & Fuel	74.2	3.8	11.3	74.2	4.2	12.6
All Bus. Excl. Motor Trades, Fuel & Bars	98.8	0.2	-3.8	108.8	-0.1	0.0
Food Businesses	113.2	-1.5	-1.9	112.2	-0.6	0.7
Non-Food (Excl Motor Trades, Fuel & Bars)	85.8	0.6	-6.4	105.5	1.2	-1.4
Household Equipment	73.9	-0.9	-7.9	95.5	-0.6	-2.6
Books, Newspapers Stationery & Other Goods	81.3	-1.5	-7.3	93.3	-1.6	-7.1

¹ Based on Seasonal Patterns up to September 2010, individual series are independently adjusted

Table 5 Seasonally Adjusted¹ Value and Volume Indices of Retail Sales for 13 Retail Businesses
(Preliminary Estimates) Base Year: 2005=100

Retail Business - NACE REV 2	July-September 2010					
	Value of Sales			Volume of Sales		
	Index	% change on previous period	Annual % change	Index	% change on previous period	Annual % change
Motor Trades	64.2	2.9	10.1	67.9	4.1	15.7
Non-Specialised Stores (excluding Department Stores)	114.9	-0.9	-1.5	114.4	-1.2	1.0
Department Stores	87.1	-0.9	-2.2	112.6	-0.7	4.7
Food beverages & Tobacco	90.3	-0.3	-6.4	89.3	-0.7	-2.9
Fuel	105.3	-2.4	3.6	86.5	-2.3	-6.9
Pharmaceuticals Medical & Cosmetic Articles	109.9	0.5	-4.9	120.2	0.7	0.8
Clothing, Footwear & Textiles	85.2	-2.2	-5.0	116.7	-2.9	2.5
Furniture and Lighting	60.7	-6.2	-10.1	78.0	-5.1	-4.4
Hardware, Paints & Glass	79.6	-6.2	-8.4	82.7	-6.2	-6.0
Electrical Goods	75.1	-1.8	-5.4	122.6	0.0	3.6
Books, Newspapers and Stationery	78.5	-3.9	-9.9	72.9	-3.7	-8.8
Other Retail Sales	81.3	-7.3	-9.9	98.8	-5.9	-9.9
Bars	79.1	-2.7	-13.1	72.7	-2.8	-10.8
All Businesses excl. Motor Trades	96.7	-2.2	-4.2	101.5	-2.0	-2.3
All Businesses	90.1	-0.3	-2.5	95.1	0.0	0.2
Of which:- <u>Combined Groups</u>						
All Businesses excl Motor Trades & Bars	98.9	-2.4	-3.2	105.8	-2.6	-1.2
Motors & Fuel	73.0	2.2	7.5	73.0	3.1	8.6
All Bus. Excl. Motor Trades, Fuel & Bars	98.4	-2.1	-3.9	108.7	-2.2	-0.3
Food Businesses	113.5	-1.0	-1.8	112.3	-1.1	0.8
Non-Food (Excl Motor Trades, Fuel & Bars)	85.0	-3.3	-6.4	104.6	-3.1	-1.8
Household Equipment	73.8	-3.5	-7.5	95.3	-3.2	-2.3
Books, Newspapers Stationery & Other Goods	80.7	-6.8	-9.8	92.8	-5.8	-9.9

¹ Based on Seasonal Patterns up to September 2010, individual series are independently adjusted

Table 6

Volume of retail trade in the euro-zone, the EU27 and Member States¹
Annual % change compared with the same month of the previous year

	Mar -10	Apr-10	May-10	Jun-10	Jul-10	Aug-10 ²
Austria	2.4	0.5	0.7	2.0	4.3	0.2
Belgium	-4.9	-3.1	-5.5	5.0	-2.2	-2.8
Finland	6.4	-0.6	3.0	5.0	5.5	5.5
France	3.4	3.4	4.8	0.9	6.4	3.1
Germany	0.2	-1.0	2.3	2.9	1.2	2.1
Greece	9.8	-5.8	-7.0	-4.5	-9.1	c
Ireland	0.8	2.7	1.7	-0.6	-1.6	-0.7
Italy	2.6	-1.1	-0.6	1.3	0.7	c
Luxembourg	9.6	7.6	7.3	10.9	:	:
Netherlands	-1.8	-2.1	-1.0	0.0	-1.8	c
Portugal	1.7	-0.7	1.9	-0.7	-0.5	-0.8
Slovenia	-1.6	-1.3	-1.8	3.9	3.5	0.8
Slovakia	0.2	-5.5	-3.0	1.0	-1.6	-1.8
Spain	1.8	-2.9	-2.3	0.2	-4.3	-4.6
Cyprus	12.0	-4.6	0.1	3.2	1.1	c
Malta	-1.9	14.3	-0.1	-2.7	0.3	-1.0
EA16	1.8	-0.4	0.9	1.4	1.1	0.6
Denmark	6.6	-8.4	-1.5	-1.0	-2.6	-2.0
Sweden	2.7	-2.0	2.2	2.8	1.6	3.3
United Kingdom	1.4	-0.8	1.6	0.3	1.1	0.5
Czech Republic	-0.7	-3.7	-3.2	1.5	0.3	c
Estonia	-7.1	-5.8	-2.0	-3.2	2.0	2.6
Latvia	-7.1	-6.2	-5.7	-2.6	-0.6	4.6
Lithuania	-10.1	-12.8	-10.5	-8.1	-8.8	-6.9
Hungary	-3.9	-5.0	-4.8	-4.6	1.7	c
Poland	4.1	-2.2	3.5	6.7	5.2	6.7
Bulgaria	-11.7	-11.6	-8.6	-6.8	-4.7	-4.3
Romania	-4.1	-5.5	-3.2	4.1	-7.7	-2.6
EU27	1.6	-0.9	0.9	1.3	1.1	0.8

: Data not available,

¹ Data NACE 47 : All Business excluding Motor Trades & Bars

² Data for Ireland is August 2010 final data

c Confidential

Source: Eurostat

Background Notes

Retail Sales Index	Introduction of updated series with base year 2005 = 100. An updated Retail Sales Index (RSI) was introduced in the February 2009 release. The underlying methodology remains unchanged. The index is primarily intended to measure short-term trends. For long term analysis allowance must be made for the fact that the series does not reflect changes in retail structures between updates.
Reference Period	The August 2010 period covers the 4 weeks from 01/08/10 to 28/08/10 and the September 2010 period covers the 5 weeks from 29/08/10 to 02/10/10.
New Base Year	The set of new monthly retail sales indices has been compiled with reference to base year 2005 = 100. The underlying structural weighting system is mainly based on the 2005 Annual Services Inquiry. Weights are updated from year to year using ratios of average weekly turnover by size class within business type.
Scope and Coverage	The Retail Sales Index covers, on a sample basis, the retail sales of retail businesses, wholesale businesses with sizeable retailing activity and the separate sales establishments of non-distribution enterprises. Excluded from the index coverage are the direct retail sales from non-distribution establishments together with the incidental retail sales of wholesale businesses. Also excluded are sales by hawkers, street stalls and other retailing activities not conducted from permanent business premises. The statistical unit used for reporting sales figures in this inquiry is the enterprise (i.e. complete business covering all branches).
Methodology	The business categories are based mainly on the Statistical Classification of Economic Activities in the European Community (NACE Rev. 2). The index system is structured on the retailing enterprises covered in the 2005 Annual Services Inquiry classified by 13 retail business categories and four turnover (excluding VAT) ranges. The value indices are calculated by updating the aggregate 2005 retail turnover (including VAT) of these enterprises in these cells using the monthly retail sales data provided by the enterprise respondent panel from 2005 onwards. The compilation of the index for a current month is based on the percentage change in average weekly sales in these cells over the corresponding monthly period of the previous year. The monthly volume indices are calculated by deflating the seasonally unadjusted value indices by specially constructed retail price indices derived from the Consumer Price Index (CPI). A copy of the Retail Sales Index methodology is available on our website (www.cso.ie).
Seasonal Adjustment	<i>All Retail Sales “unadjusted” series are trading day adjusted as they are based on either a standardised four or five week reporting period (see reference period note above). Seasonal adjustment is conducted using the direct seasonal adjustment approach. Under this approach each individual series is independently adjusted, e.g. aggregate series are adjusted without reference to the component series. Each individual seasonally adjusted series is calculated based on unadjusted data spanning from January 2000 to the current period.</i> The adjustments are completed by applying the X-12-ARIMA model, developed by the U.S. Census Bureau to the unadjusted data. This methodology estimates seasonal factors while also taking into consideration factors that impact on the quality of the seasonal adjustment such as: • Calendar effects, e.g. the timing of Easter, • The phase shift effect, i.e. the fact the reporting period of the RSI does not coincide with the calendar month and • Outliers, temporary changes and level shifts in the series. For additional information on the use of X-12-ARIMA see (Findley, D.F., B.C. Monsell, W.R. Bell, M.C. Otto, and B. Chen (1998), “New Capabilities and Methods of the X-12-Arima Seasonal Adjustment Program”, <i>Journal of Business & Economic Statistics</i>, 16, pp. 127-177.) and www.census.gov/srd/www/x12a/.
References	A detailed description of the Retail Sales Index is available on the CSO website www.cso.ie. Retrospective details for the current and previous series are also available on the CSO website.