



**Table 1 Seasonally Adjusted Indices of Total Retail Sales<sup>1</sup>****Base Year: 1995 = 100**

Period	Total Retail Sales for all Businesses Combined						Total Retail Sales excluding Motor Trades	
	Value of Sales			Volume of Sales			Value Index	Volume Index
	Index	% change on previous period	Annual % change	Index	% change on previous period	Annual % change		
1999 Year	142.8	11.4	11.4	134.3	9.5	9.5	137.6	130.0
2000 Year	166.1	16.3	16.3	150.3	11.9	11.9	154.8	141.6
2001 Year	175.9	5.9	5.9	155.0	3.1	3.1	172.6	152.2
2002 Year <sup>3</sup>	182.9	4.0	4.0	156.2	0.8	0.8	182.1	155.5
2001 1st quarter	170.8	1.5	5.8	152.4	1.5	2.8	165.9	148.8
2nd quarter	174.6	2.2	4.6	154.3	1.2	1.5	169.6	150.5
3rd quarter	175.9	0.7	5.1	154.1	-0.1	2.3	171.9	150.7
4th quarter	181.0	2.9	7.5	157.9	2.5	5.2	177.5	154.5
2002 1st quarter	178.4	-1.4	4.4	154.1	-2.4	1.1	178.8	154.3
2nd quarter	180.0	0.9	3.1	154.3	0.1	0.0	178.9	153.5
3rd quarter <sup>3</sup>	185.6	3.1	5.5	158.0	2.4	2.5	182.3	155.4
4th quarter	186.5	0.5	3.0	157.4	-0.4	-0.3	183.9	155.3
2003 1st quarter	188.0	0.8	5.4	156.5	-0.6	1.6	187.4	156.3
2nd quarter	187.0	-0.5	3.9	156.6	0.1	1.5	188.4	157.5
2002 July	181.9	1.3	4.2	155.6	1.1	1.5	179.9	153.8
August <sup>3</sup>	183.5	0.9	3.8	156.4	0.5	0.8	181.0	154.3
September	190.3	3.7	8.0	161.1	3.0	4.7	185.2	157.6
October	185.9	-2.3	3.8	157.4	-2.3	0.6	182.5	154.7
November	185.1	-0.4	2.6	156.3	-0.7	-0.8	183.8	155.3
December	188.0	1.6	2.7	158.3	1.3	-0.7	185.1	155.8
2003 January	190.2	1.2	8.7	159.3	0.6	5.0	188.0	157.2
February <sup>3</sup>	187.5	-1.4	2.2	155.4	-2.4	-1.7	186.9	155.8
March	186.7	-0.4	5.4	155.1	-0.2	1.5	187.2	156.0
April	191.7	2.7	6.7	159.6	2.9	3.4	192.4	160.4
May	180.7	-5.7	0.0	151.2	-5.3	-2.3	181.9	152.1
June	188.3	4.2	4.8	158.4	4.8	2.9	190.3	159.5
July	185.6	-1.4	2.0	155.5	-1.8	-0.1	185.3	154.3
August <sup>2</sup>	188.6	1.6	2.8	157.1	1.0	0.4	187.1	155.3
12 months ending Jul 2003	187.1	4.2	4.2	157.1	1.2	1.2	185.9	156.2
12 months ending Aug 2003 <sup>2</sup>	187.5	4.2	4.2	157.1	1.1	1.1	186.4	156.2
3 months ending Jul 2003	185.1	-1.7	2.5	155.3	-0.7	0.4	186.2	155.6
3 months ending Aug 2003 <sup>2</sup>	187.6	0.6	3.3	157.1	1.2	1.2	187.8	156.6

<sup>1</sup> Based on Seasonal Patterns up to Dec 2002<sup>2</sup> Provisional value and volume of sales indices based on early returns from sample retailers<sup>3</sup> Revised

**Table 2 Seasonally Adjusted Value and Volume Indices of Retail Sales for 13 Retail Businesses July 2003<sup>1</sup>**
**Base Year: 1995 = 100**

Retail Business - NACE REV 1	July 2003						May - July 2003					
	Value of Sales			Volume of Sales			Value of Sales			Volume of Sales		
	Index	% change on previous month	Annual % change	Index	% change on previous month	Annual % change	Index	% change on previous 3 months	Annual % change	Index	% change on previous 3 months	Annual % change
Motor Trades - NACE 50	185.9	3.0	-0.9	156.3	2.2	-1.8	181.5	-4.9	-0.4	152.7	-2.4	-1.4
Non-Specialised Stores (excluding Department Stores) - NACE 52.11	172.8	-3.5	2.7	131.4	-4.0	-0.5	175.3	-1.8	3.4	133.7	-2.0	0.1
Department Stores - NACE 52.12	196.7	-8.2	-4.1	210.2	-8.1	-3.2	204.5	0.2	-2.4	217.9	1.3	-1.4
of which:-												
Clothing and Footwear	214.9	-8.5	-0.3				219.6	2.2	0.3			
Furniture, Soft Furnishing, etc.	176.2	-4.7	-7.2				186.4	2.9	-1.3			
Other Goods and Services	181.8	-3.3	-8.5				190.1	-3.2	-7.2			
<u>Specialised Stores - NACE 52 (remainder)</u>												
Food, Beverages and Tobacco	123.9	-4.0	0.6	97.8	-4.6	-1.9	126.1	0.3	2.3	100.0	0.6	-0.2
Pharmaceutical, Medical & Cosmetic Articles	273.7	-2.4	5.8	218.1	-2.6	2.5	275.6	-0.1	7.6	219.9	-0.3	4.2
Textiles and Clothing	192.8	0.3	3.8	285.3	1.0	8.5	188.1	-3.5	2.6	275.7	-0.9	7.8
Footwear and Leather	170.9	-2.4	0.3	223.6	-2.3	5.7	165.7	-5.2	0.1	215.6	-3.2	6.0
Furniture and Lighting	183.7	-4.4	2.8	161.6	-5.0	4.4	185.7	0.5	4.4	163.5	2.1	6.3
Electrical Goods	243.1	-0.4	6.2	264.1	-0.3	8.8	238.7	8.0	4.1	258.1	9.2	6.3
Hardware, Paints and Glass	191.9	-3.4	-1.6	159.8	-3.8	-3.8	190.9	-8.4	-0.6	159.1	-8.2	-3.0
Books, Newspapers and Stationery	159.7	-12.6	-4.1	115.1	-12.9	-8.3	173.3	0.0	3.2	125.2	-0.5	-1.8
Other Retail Sales	250.8	-3.7	6.2	234.5	-3.1	7.5	255.0	3.2	7.9	237.2	5.3	9.2
Bars - NACE 55.4	160.2	-0.6	3.7	111.1	-1.3	-3.3	159.9	0.2	2.8	111.4	-0.7	-3.8
All Businesses excl. Motor Trades	185.3	-2.6	3.0	154.3	-3.3	0.4	186.2	-1.4	3.5	155.6	-1.1	1.0
<b>All Businesses</b>	<b>185.6</b>	<b>-1.4</b>	<b>2.0</b>	<b>155.5</b>	<b>-1.8</b>	<b>-0.1</b>	<b>185.1</b>	<b>-1.7</b>	<b>2.5</b>	<b>155.3</b>	<b>-0.7</b>	<b>0.4</b>

<sup>1</sup> Based on Seasonal Patterns up to December 2002, individual series are independently adjusted

## Background Notes

<b>Retail Sales Index</b>	<p><b>Introduction of updated series with a new business classification and with base year 1995 = 100.</b></p> <p>An updated Retail Sales Index (RSI) was introduced in the December 1999 release. A detailed description of the new series was published in the March 2000 issue of the <i>Statistical Bulletin</i>. 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 updatings.</p>
<b>Reference Period</b>	<p>The July period covers the 4 weeks from 29/06/03 to 26/07/03 and the August period covers the 4 weeks from 27/07/03 to 23/08/03.</p>
<b>New Business Classification</b>	<p>Commencing with October 1999 the set of monthly indices of retail sales have been compiled according to the Statistical Classification of Economic Activities in the European Community (NACE Rev. 1). The business categories are based mainly on the classification of enterprises in the 1995 Annual Services Inquiry (ASI). There are some fairly substantial discontinuities in the classification of enterprises compared with the former series.</p>
<b>New Base Year</b>	<p>The set of new monthly retail sales indices has been compiled with reference to base year 1995 = 100. The underlying structural weighting system is mainly based on the 1995 Annual Services Inquiry. Weights are updated from year to year using ratios of average weekly turnover by size class within business type.</p>
<b>Scope and Coverage</b>	<p>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).</p>
<b>Methodology</b>	<p>The business categories and the underlying structural weighting of the Retail Sales Index is based mainly on the Statistical Classification of Economic Activities in the European Community (NACE Rev. 1). The index system is structured on the retailing enterprises covered in the 1995 Annual Services Inquiry classified by 13 retail business categories and four turnover (excluding VAT) ranges*.</p> <p>The value indices are calculated by updating the aggregate 1995 retail turnover (including VAT) of these enterprises in these fifty one cells using the monthly retail sales data provided by the enterprise respondent panel from 1995 onwards.</p> <p>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).</p>
<b>Seasonal Adjustment</b>	<p>The seasonally adjusted series are updated twice yearly using patterns up to and including the preceding month. The present seasonally adjusted monthly value and volume series are based on seasonal patterns from January 1995 to December 2002. The adjustment is completed by applying the X-11 Variant of the US Bureau of the Census Method 11 Seasonal Adjustment program based on a multiplicative model. The unadjusted series, from which trading day variations have been eliminated, are available on our website (<a href="http://www.cso.ie">www.cso.ie</a>).</p>
<b>References</b>	<p>A detailed description of the Retail Sales Index is provided in the March 2000 issue of the <i>Statistical Bulletin</i>. Retrospective details covering three years are provided for all series on both a seasonally adjusted and an unadjusted basis in each issue of the <i>Statistical Bulletin</i>.</p> <p>* The Department Stores business category is not classified by annual turnover but is sub-divided into three retail activity categories.</p>