

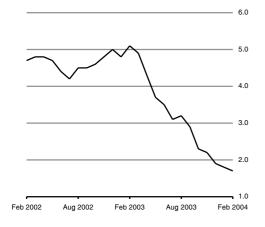
### **Central Statistics Office**

An Phríomh-Oifig Staidrimh

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## Consumer Price Index February 2004

_	CPI and HICP					
	СРІ НІСР					
	% monthly change	% annual change	% monthly change	% annual change		
Oct 2003 Nov 2003	- 0.1	+ 2.3 + 2.2		+ 3.3 + 3.3		
Dec 2003 Jan 2004 Feb 2004	+ 0.4 - 0.5 + 0.8	+ 1.9 + 1.8 + 1.7	+ 0.4 - 0.6 + 0.9	+ 2.9 + 2.3 + 2.2		

## Annual inflation falls slightly to 1.7% in February

Consumer Prices in February, as measured by the CPI, increased by 0.8% in the month. This compares to an increase of 1.0% in February of last year and as a result, the annual rate of inflation fell to 1.7%, down from 1.8% in January.

The EU Harmonised Index of Consumer Prices (HICP) increased by 0.9% in the month. This compares to an increase of 1.0% in February of last year and as a result the annual rate of inflation as measured by the HICP fell to 2.2%, down from 2.3% in January.

The most notable changes in the year were increases in *Health* (+6.9%), *Education* (+5.9%), *Communications* (+5.2%), *Alcoholic Beverages & Tobacco* (+4.4%) and *Restaurants & Hotels* (+3.9%) while there was a decrease in *Clothing & Footwear* (-4.5%).

The annual rate of inflation for Goods was 0.3% in February while the corresponding rate for Services was 3.1%.

The most significant monthly price changes were increases in *Clothing & Footwear* (+12.0%), *Communications* (+2.1%), *Furnishings, Household Equipment & Routine Household Maintenance* (+1.8%) and *Health* (+0.8%), while there was a decrease in *Education* (-0.3%).

The main factors contributing to the monthly change were as follows:

- Clothing & Footwear and Furnishings, Household Equipment & Routine Household Maintenance increased due to the rise in prices following the end of the traditional winter sales.
- *Communications* costs increased with the rise in line rental charges for private domestic households.
- *Health* prices rose with an increase in doctors' and dentists' fees.
- *Education* costs fell due to a decrease in other education & training prices.

The CPI excluding tobacco index for February was 106.7, up 0.9% since January and up 1.4% in the year.

For more information contact Kevin McCormack at 021-4535603 or Kieran Walsh at 021-4535091.

		Consumer	Price Index	I	Percentage char	nges
Period	1	Current base Dec. 2001=100	Former base Nov. 1996=100 <sup>1</sup>	One month	Three months	12 months
				%	%	%
1998	Year		103.1			+ 2.4
1999	Year		104.8			+ 1.6
2000	Year		110.7			+ 5.6
2001	Year		116.1			+ 4.9
2002	Year	102.7	121.4			+ 4.6
2003	Year	106.3	125.6			+ 3.5
2001	January February March April May June July August September October November December		112.5 113.5 114.4 115.4 116.1 116.7 116.4 116.8 117.3 117.7 117.6 118.2	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
2002	January February March April May June July August September October November December	99.8 100.5 101.4 102.3 102.8 103.0 102.6 103.2 103.7 104.2 104.3 105.0	118.0 118.8 119.9 120.9 121.5 121.7 121.3 122.0 122.6 123.2 123.3 124.1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
2003	January February March April May June July August September October November December	104.6 105.6 106.4 106.7 106.6 106.6 105.8 106.5 106.5 106.7 106.6 106.6 106.6 107.0	123.6 124.8 125.8 126.1 126.0 126.0 125.1 125.9 126.1 126.0 126.0 126.0 126.5	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
2004	January February	106.5 107.4	125.9 126.9	- 0.5 + 0.8	- 0.1 + 0.8	+ 1.8 + 1.7

## Table 1 Consumer Price Index (All Items)

<sup>1</sup> Linked to current Consumer Price Index at mid-December 2001

## Table 2 CPI Subindices, February 2004

	Dec. 2001	Consumer Price Index (CPI)		Percentage changes		
COICOP Group	base expenditure weights	Current base Dec. 2001	Former base Nov. 1996	One month	Three months	12 months
CPI excluding Tobacco	95.601	106.7	125.2	+ 0.9	+ 0.6	+ 1.4
CPI excluding Housing <sup>1</sup>	90.253	108.0	128.2	+ 0.8	+ 0.7	+ 2.0
CPI excluding Mortgage Interest	95.370	107.9	128.4	+ 0.8	+ 0.7	+ 2.0

<sup>1</sup> Housing includes rents, local authority charges, mortgage interest, materials for repairs & decoration and house insurance.

## Table 3 Consumer Price Commodity Group Indices, February 2004

	Dec. 2001	Consumer Pri	ce Index (CPI)	Perce	entage chan	ges
COICOP Group	base expenditure weights	Current base Dec. 2001	Former base Nov. 1996	One month	Three months	12 months
01 Food and Non Alcoholic Beverages	14.092	102.8	125.6	- 0.1	- 0.2	_
02 Alcoholic Beverages and Tobacco	7.498	117.3	150.8	- 0.1	+ 2.4	+ 4.4
03 Clothing and Footwear	5.052	87.7	67.9	+12.0	- 4.7	- 4.5
04 Housing, Water, Electricity, Gas and Other Fuels	12.331	104.1	116.0	+ 0.4	+ 1.3	+ 1.0
05 Furnishings, Household Equipment and Routine Household Maintenance	4.331	97.8	115.7	+ 1.8	- 0.9	- 1.8
06 Health	2.518	119.4	163.5	+ 0.8	+ 3.6	+ 6.9
07 Transport	13.183	108.0	119.3	+ 0.6	+ 2.1	+ 2.0
08 Communications	1.903	105.2	81.7	+ 2.1	+ 1.5	+ 5.2
09 Recreation and Culture	10.810	108.5	128.8	+ 0.6	+ 0.6	+ 1.9
10 Education	1.547	118.4	180.2	- 0.3	- 0.3	+ 5.9
11 Restaurants and Hotels <sup>1</sup>	17.760	113.3	142.8	+ 0.4	+ 1.3	+ 3.9
12 Miscellaneous Goods & Services	8.975	108.1	151.4	+ 0.6	_	- 0.3
ALL ITEMS	100.000	107.4	126.9	+ 0.8	+ 0.8	+ 1.7
Of which:						
Goods <sup>2</sup>	49.019	103.7	117.3	+ 1.3	+ 0.3	+ 0.3
Services <sup>3</sup>	50.981	111.0	138.5	+ 0.5	+ 1.3	+ 3.1
Energy Products <sup>4</sup>	6.396	111.6	123.3	+ 0.4	+ 2.8	+ 3.9
Utilities and Local Charges <sup>5</sup>	3.387	115.3	102.4	+ 1.1	+ 0.9	+ 11.7
Alcohol <sup>6</sup>	11.898	113.6	138.5	-	+ 0.4	+ 3.2
Tobacco	4.399	122.0	167.0		+ 4.1	+ 6.6

<sup>1</sup> Includes alcoholic beverages consumed in licensed premises.
 <sup>2</sup> Non service items usually purchased and transportable from a retail outlet.
 <sup>3</sup> Electricity, gas, telecommunications, alcoholic beverages consumed on licensed premises, meals out, housing, rent, mortgage interest repayments, insurance, public transport, entertainment and recreation, education, household services and miscellaneous services including childcare, social protection, package holidays and other services.
 <sup>4</sup> Electricity, gas, other domestic and transport fuels.

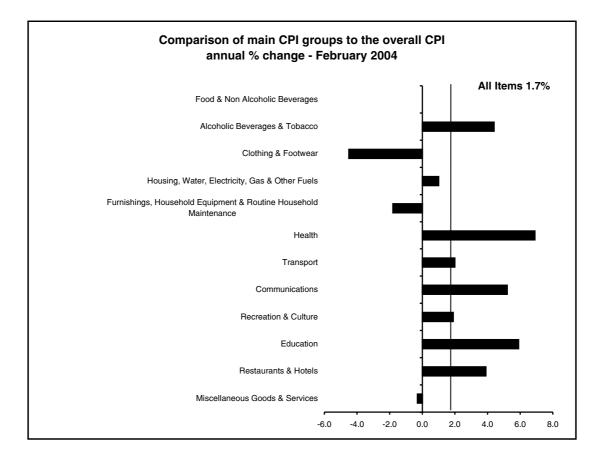
<sup>5</sup> Electricity, gas, landline telecommunications and local authority service charges.

6 Constitutes part of 02 (see page 12 - off-licence sales) and part of 11 (see page 12 - alcohol consumed in licensed premises) giving a combined index for alcohol.

See Background Notes page 12 for definition of COICOP groups.

## Table 4 Contributions to changes in the All Items CPI, February 2004

	Contrik	outions to overall CPI % chan	ge
COICOP Group	One month	3 months	12 months
01 Food and Non Alcoholic Beverages	- 0.02	- 0.03	_
02 Alcoholic Beverages and Tobacco	- 0.01	+ 0.19	+ 0.35
03 Clothing and Footwear	+ 0.45	- 0.21	- 0.20
04 Housing, Water, Electricity, Gas and Other Fuels	+ 0.04	+ 0.15	+ 0.11
05 Furnishings, Household Equipment and Routine Household Maintenance	+ 0.07	- 0.03	- 0.07
06 Health	+ 0.02	+ 0.10	+ 0.18
07 Transport	+ 0.08	+ 0.27	+ 0.27
08 Communications	+ 0.04	+ 0.03	+ 0.09
09 Recreation and Culture	+ 0.06	+ 0.07	+ 0.20
10 Education	-	-	+ 0.10
11 Restaurants and Hotels	+ 0.08	+ 0.23	+ 0.72
12 Miscellaneous Goods & Services	+ 0.05	-	- 0.03
ALL ITEMS % change	+ 0.8	+ 0.8	+ 1.7



		HICP	Percentage changes		
Period		Year 1996=100	One month	12 months	
			%	%	
1997	Year	101.2		+ 1.2	
1998	Year	103.4		+ 2.2	
1999	Year	106.0		+ 2.5	
2000	Year	111.5		+ 5.2	
2001	Year	116.0		+ 4.0	
2002	Year	121.5		+ 4.7	
2003	Year	126.3		+ 4.0	
2001 2002	January February March April May June July August September October November December January February March April	112.4 113.4 114.3 115.2 115.9 116.7 116.4 116.7 117.1 117.7 117.5 118.5 118.3 119.0 120.1 121.0	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	
	May June July August September October November December	121.7 121.9 121.3 122.0 122.4 122.9 123.0 123.9	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	
2003	January February March April May June July August September October November December	123.9 125.1 126.0 126.6 126.4 126.5 126.0 126.8 127.0 127.0 127.0 127.0 127.5	$\begin{array}{c} - \\ + & 1.0 \\ + & 0.7 \\ + & 0.5 \\ - & 0.2 \\ + & 0.1 \\ - & 0.4 \\ + & 0.6 \\ + & 0.2 \\ - \\ - \\ - \\ + & 0.4 \end{array}$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	
2004	January February	126.7 127.8	- 0.6 + 0.9	+ 2.3 + 2.2	

## Table 5 EU Harmonised Index of Consumer Prices – Ireland

	HICP	Pe	ercentage Change	Percent	age Contribution
Commodity Group COICOP	Current base Year 1996	One	12 mont		12 months
		%	%	%	%
01 Food and Non Alcoholic Beverages	125.1	- 0.1	_	- 0.02	_
02 Alcoholic Beverages and Tobacco	152.5	- 0.1	+ 4.	4 - 0.01	+ 0.39
03 Clothing and Footwear	68.2	+ 12.0	- 4.	5 + 0.49	- 0.22
04 Housing, Water, Electricit Gas and Other Fuels	y, 128.9	_	+ 3.	7 –	+ 0.29
05 Furnishings, Household Equipment and Routine Household Maintenance	114.8	+ 1.9	- 1.	7 + 0.08	- 0.08
06 Health	160.9	+ 0.8	+ 6.	8 + 0.02	+ 0.20
07 Transport	122.0	+ 0.7	+ 1.	9 + 0.09	+ 0.25
08 Communications	81.3	+ 2.0	+ 5.	0 + 0.04	+ 0.10
09 Recreation and Culture	130.1	+ 0.5	+ 1.	8 + 0.07	+ 0.22
10 Education	165.1	- 0.3	+ 5.	9 - 0.01	+ 0.11
11 Restaurants and Hotels	144.3	+ 0.4	+ 4.	0 + 0.08	+ 0.79
12 Miscellaneous Goods & Services	142.8	+ 0.5	+ 2.	1 + 0.03	+ 0.13
HICP	127.8	+ 0.9	+ 2.	2 + 0.9	+ 2.2

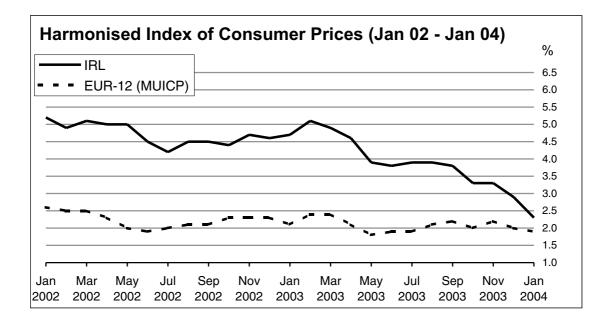
#### Table 6 EU Harmonised Consumer Price COICOP Group Indices, February 2004 Ireland

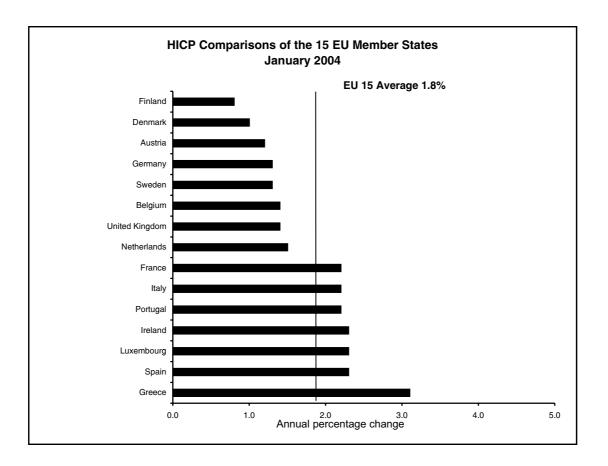
## Table 7 EU Harmonised Index of Consumer Prices – annual % changes, January 2004

Country	January 2003 January 2004	December 2002 December 2003	November 2002 November 2003	October 2002 October 2003	September 2002 September 2003	August 2002 August 2003
Austria	1.2 <sup>1</sup>	1.3	1.3	1.1	1.4	1.0
Belgium	1.4	1.7	1.8	1.4	1.7	1.6
Finland	0.8	1.2	1.2	0.9	1.2	1.2
France	2.2	2.4	2.5	2.3	2.3	2.0
Germany	1.3	1.1	1.3	1.1	1.1	1.1
Greece	3.1	3.1	3.2	3.2	3.3	3.3
Ireland	2.3	2.9	3.3	3.3	3.8	3.9
Italy	2.2 <sup>1</sup>	2.5	2.8	2.8	3.0	2.7
Luxembourg	2.3	2.4	2.0	1.8	2.7	2.3
Netherlands	1.5 <sup>1</sup>	1.6	2.0	1.9	2.0	2.2
Portugal	2.2	2.3	2.3	2.8	3.2	2.9
Spain	2.3	2.7	2.9	2.7	3.0	3.1
EMU (MUICP) <sup>2</sup>	1.9 <sup>1</sup>	2.0	2.2	2.0	2.2	2.1
Denmark	1.0	1.2	1.4	1.1	1.7	1.5
Sweden	1.3	1.8	2.0	2.0	2.3	2.2
United Kingdom	1.4	1.3	1.3	1.4	1.4	1.4
EU-15 (EIČP)	1.8 <sup>1</sup>	1.8	2.0	1.9	2.0	2.0

<sup>1</sup> Provisional <sup>2</sup> MUICP (see Background Notes)

Source: Eurostat





COICOP/HICP Group	EUR-12 (MUICP)	EU-15 (EICP)	В	DK	D	EL	E	F	IRL	I	L	NL	A	Р	FIN	S	UK
					Annual	Percenta	age Rate	e of Cha	nge								
01 Food and Non-Alcoholic																	
Beverages	2.5 <sup>1</sup>	2.4 <sup>1</sup>	2.0	0.8	1.2	3.6	4.0	2.1	0.3	3.9 <sup>1</sup>	2.5	-0.5 <sup>1</sup>	2.0 <sup>1</sup>	1.7	1.9	1.2	2.6
02 Alcoholic Beverages																	
and Tobacco	6.0 <sup>1</sup>	4.8 <sup>1</sup>	4.4	-6.2	0.8	6.9	2.8	16.9	4.6	7.8 <sup>1</sup>	5.3	1.1 <sup>1</sup>	2.4 <sup>1</sup>	3.5	1.1	1.4	1.7
03 Clothing and Footwear	-0.2 <sup>1</sup>	-0.5 <sup>1</sup>	0.5	-1.0	-0.6	4.4	0.9	-1.2	-3.9	0.1 <sup>1</sup>	1.0	-3.1 <sup>1</sup>	0.4 <sup>1</sup>	0.8	-0.8	-3.5	-2.5
04 Housing, Water, Electricity																	
Gas and Other Fuels	1.9 <sup>1</sup>	2.0 <sup>1</sup>	0.7	0.8	1.4	2.5	2.8	1.8	3.7	2.2 <sup>1</sup>	1.2	3.5 <sup>1</sup>	1.8 <sup>1</sup>	3.0	2.9	4.4	2.3
05 Furnishings, Household																	
Equipment and Routine																	
Household Maintenance	0.9 <sup>1</sup>	0.7 <sup>1</sup>	0.6	2.7	0.0	1.1	1.7	1.2	-1.5	1.9 <sup>1</sup>	2.0	-0.1 <sup>1</sup>	0.6 <sup>1</sup>	1.6	0.4	0.5	-0.2
06 Health	7.4 <sup>1</sup>	6.8 <sup>1</sup>	1.5	3.4	17.5	3.9	2.0	3.4	7.0	2.4 <sup>1</sup>	2.7	9.1 <sup>1</sup>	0.5 <sup>1</sup>	1.4	1.8	3.8	2.6
07 Transport	0.9 <sup>1</sup>	1.2 <sup>1</sup>	0.7	1.6	0.3	0.9	0.3	1.5	1.5	1.5 <sup>1</sup>	2.0	1.8 <sup>1</sup>	-0.4 <sup>1</sup>	1.7	-2.2	1.5	3.1
08 Communications	-0.8 <sup>1</sup>	-0.9 <sup>1</sup>	1.3	-3.6	0.9	-5.8	-1.6	1.3	3.0	-4.6 <sup>1</sup>	-1.3	1.4 <sup>1</sup>	-0.5 <sup>1</sup>	-0.9	-7.9	-4.1	-0.4
09 Recreation and Culture	-0.2 <sup>1</sup>	-0.8 <sup>1</sup>	0.9	1.6	-1.7	3.2	0.0	-0.6	2.3	2.0 <sup>1</sup>	1.6	-0.7 <sup>1</sup>	0.5 <sup>1</sup>	0.9	1.3	-1.3	-2.5
10 Education	3.6 <sup>1</sup>	3.9 <sup>1</sup>	0.5	3.7	3.5	4.4	4.4	3.2	6.5	1.9 <sup>1</sup>	1.3	3.2 <sup>1</sup>	1.9 <sup>1</sup>	11.0	5.6	10.0	4.7
11 Restaurants and Hotels	2.7 <sup>1</sup>	2.8 <sup>1</sup>	2.5	2.4	0.4	5.0	4.1	2.5	3.8	3.1 <sup>1</sup>	2.7	1.8 <sup>1</sup>	2.7 <sup>1</sup>	4.0	2.3	2.6	2.9
12 Miscellaneous Goods &																	
Services	2.3 <sup>1</sup>	2.7 <sup>1</sup>	2.4	2.8	1.6	1.4	2.9	2.6	2.2	2.3 <sup>1</sup>	2.3	3.0 <sup>1</sup>	1.8 <sup>1</sup>	2.7	2.1	2.7	4.2
HICP	1.9 <sup>1</sup>	1.8 <sup>1</sup>	1.4	1.0	1.3	3.1	2.3	2.2	2.3	2.2 <sup>1</sup>	2.3	1.5 <sup>1</sup>	1.2 <sup>1</sup>	2.2	0.8	1.3	1.4

## Table 8 Main Categories of Harmonised Indices of Consumer Prices – annual % changes, January 2004

<sup>1</sup> Provisional

ω

n/a Not available

Source: Eurostat

## Background Notes - Consumer Price Index

- **Definition** The Consumer Price Index is designed to measure the change in the average level of prices (inclusive of all indirect taxes) paid for consumer goods and services by all private households in the country and by foreign tourists holidaying in Ireland.
- **Consumer Price** Index (CPI) Over 55,000 prices are collected for a representative basket consisting of 613 headings which cover over 1,000 different items in a fixed panel of retail and service outlets throughout the country on the second Tuesday of each month. The date to which the February index relates is Tuesday, 10th February 2004.
  - Scope of the (i) Population Coverage: All private households covering approximately 97% of the total population and the expenditure of foreign tourists within Ireland. It does not include the expenditure of persons in institutions and other non private households. Expenditure which occurs abroad by Irish residents is also excluded. In statistical terms coverage is referred to as the domestic concept.
    - (ii) Geographic Coverage: Covers the whole of the Republic of Ireland. Pricing takes place in 86 locations (cities and towns) throughout the country. These sampling points are located in Dublin city and county, the four regional cities of Cork, Limerick, Galway and Waterford, 90% of towns with a population of 10,000 and over, 88% of towns between 5,000 and 9,999 and a smaller proportion below this threshold. The results are weighted to represent the distribution of the population and its related consumer expenditure.
    - (iii) Item Coverage: All goods and services bought by the reference population for the purposes of consumption are included in the index. Expenditure on capital assets and investments, gambling and certain other activities are however excluded. Over 1,000 different varieties are priced and then aggregated into 613 item headings and 12 group headings based on the COICOP classification. With each rebase the coverage of goods and services is reviewed to ensure that it continues to be representative of consumer tastes and purchasing practices.
- **Price Collection** Personal visits are made to retail outlets by some 200 part-time pricers on a monthly basis. Approximately 51,000 price quotations are gathered in this way. In addition 112 special inquiries covering items such as utility charges and services are conducted by post and telephone. Most prices are collected monthly, some quarterly and others annually. The CSO supplies general specifications to price collectors and collectors are free initially to select a brand and in certain cases, size. This allows for a wide variety of different brands of the same item to be priced throughout the country. Once selected, the same item/brand is priced on a monthly basis in order to ensure matched price quotations. If an item disappears, substitution can occur but that price is excluded until matched prices are available for the same comparable item for two consecutive months. The CSO wishes to put on record its appreciation of the co-operation and assistance it receives from retail outlets and other business concerns.
  - **CPI Weights** The CPI measures in index form the monthly changes in the cost of purchasing a fixed representative 'basket' of consumer goods and services (i.e. Laspeyres formula). The representative share of each item in this basket is proportional to the average amount purchased by all households in the country as determined by the Household Budget Survey and by foreign tourists in this country using estimates of expenditure by tourists across a range of consumer goods and services. Individual items typically purchased by foreign tourists while holidaying in Ireland such as hotel accommodation and meals out have been adjusted to take account of the additional tourist expenditure. Identical items are priced in the same outlet on each occasion so that changes in the cost of this constant basket reflect only pure price changes.

# Background Notes – Consumer Price Index (continued)

**Rebase** The index has been rebased with effect from December 2001, the ninth series since the foundation of the State. The index was last rebased in January 1997 (Base Nov 96 = 100) when the monthly CPI series was first introduced.

The rebase of the current CPI resulted in a number of methological changes:

- The introduction of the Geometric Mean;
- Updating the expenditure weights;
- A revision of the sample of goods and services;
- An update of the sample of areas priced; and
- A move to the COICOP classification.
- **Classification** The classification used in the CPI is based on a version of COICOP COICOP HICP, the Classification of Individual Consumption Expenditure by Purpose. This replaces the former national classification which was used up to December 2001. The COICOP classification breaks consumer expenditure into twelve different categories covering a comprehensive range of consumer goods and services.
- Methodological A full methodological description of the new series is available in the CPI 2001 Introduction to Details Series booklet.
  - **Goods and** The consumer basket can be split into two constituent parts goods and services according to the following definitions.
    - **Goods** Goods are defined as non service items usually purchased and transportable from a retail outlet the basket excluding services.
    - **Services** Services include electricity, gas, telecommunications and other public utilities, alcoholic beverages consumed on licensed premises, meals out, accommodation services, public transport, medical fees, insurances, education fees, hairdressing & other personal services, childcare & social protection, entertainment & recreation services, mortgage interest & rents, package holidays and other miscellaneous services.

**Utilities and** Includes electricity, gas, landline telecommunications and local authority service charges. **Local Charges** 

# Background Notes – Harmonised Index of Consumer Prices

- **Introduction** The EU-Harmonised Index of Consumer Prices is calculated in each Member State of the European Union. The purpose of this index is to allow the comparison of consumer price trends in the different Member States.
- **Comparison** with CPI mended for the HICP. Thus the two indexes only differ in respect of the coverage of certain goods and services and the definition of insurance. The current EU reference base period (Year 1996 = 100) is however retained for ease of comparison with other EU countries.

**Excluded Items** The following items, constituting approximately 9% of the Irish CPI expenditure weighting, are excluded from the HICP:

- ♦ mortgage interest
  - building materials
- union subscriptions
- motor car tax

- motor car insurance (non-service)
- dwelling insurance (non-service)
- motor cycle tax
- Weights The expenditure weighting system used in the HICP is the same as that used for the CPI excluding the items listed above. In addition the weights of House Insurance (Buildings) and Health Insurance differ because of definition. Taking all these factors into account the HICP expenditure covers just under 91% of total CPI expenditure.

Monetary Union<br/>Index of<br/>(MUICP)The MUICP is calculated as a weighted average of HICPs of the 12 countries participating in<br/>Stage III of Economic and Monetary Union (EMU). Country weights are computed every year re-<br/>flecting the country's share of private final domestic consumption expenditure in the EMU total.

**Classification** The coverage of the indices is based on the international classification system, COICOP (classification of individual consumption by purpose).

#### **Calculating percentage changes in the index indexindex index indexindexindexindexindex indexindexindexindexindexindexindexindexindexindex**

CPI Less previous index Equals index point change Percentage change Index point difference Divided by the previous index		
Percentage change Index point difference	106.7 103.7 3.0	
1	5.0	
Equals Results multiplied by 100 0. Equals percentage change	3.0 103.7 0.0289 0289 x 100 2.9	

## Background Notes - COICOP Classification

Prior to the introduction of the current series in January 2002 the CPI used a national classification while the HICP used COICOP/HICP. To ensure greater comparability CPI and the HICP now both use the COICOP/HICP classification (Classification of Individual Consumption by Purpose - adapted for the purposes of the EU HICP).

The COICOP classification is based on 12 main subgroups.

- 01Food and Non<br/>Alcoholic<br/>BeveragesFood and non alcoholic beverages purchased in supermarkets, small shops, speciality shops and<br/>petrol station forecourt outlets. It excludes meals out which are covered under 11 Restaurants<br/>and Hotels.
- 02 Alcoholic Includes alcoholic beverages purchased in off licences and supermarkets but excludes alcohol consumed on or within a licensed premises which is classified under 11 Restaurants and Hotels.
- 03Clothing and<br/>FootwearMens, ladies and childrens clothing and footwear, sports and leisurewear and services such as<br/>laundry and dry cleaning, shoe repair, dress hire and alteration.
- 04 Housing, Water, Electricity, Gas and Other Fuels This group covers rents, mortgage interest repayments, local authority service charges, goods and services for maintaining, decorating and repairing dwellings and domestic energy products such as electricity, gas and solid fuels.
- **5** Furnishings, Household Equipment and Routine Household Maintenance
   **6** Furnishings, Household items such as furniture, carpets and other floor coverings, house textiles and soft furnishings, household electrical appliances, and other household items such as utensils, tools, garden equipment and non-durable items for cleaning, washing and other day to day household activity. Also included in this category are domestic services such as cleaning and other services.
- **06 Health** Health includes medical products, appliances and equipment, hospital charges and out patient services supplied by doctors, dentists, opticians, practitioners of alternative and complimentary medicine and paramedical services.
- **07 Transport** Includes the purchase of new and second hand vehicles, spare parts, car maintenance, fuels and lubricants, public transport and services such as parking, motor association subscriptions, car wash, toll charges, driving tests, licences and car hire.
- **08** Communications Post and telecommunications.
- **09 Recreation and Culture** All goods and services connected with recreation and culture and includes items such as audio visual and photographic equipment, computers, music and videos, sports and recreation goods, games and toys, items connected with gardening and pets, recreational, sporting and cultural activities and events, newspapers and other reading material, package holidays and other items connected with recreation and culture.
- **10 Education** Covers all aspects of education including primary, secondary, third level and other education and training such as night courses, play schools and examination fees.
- **11 Restaurants and** Hotels This category covers the following areas: meals in restaurants and hotels; fast food and take-aways; cafes; canteens; alcohol consumed on or within a licensed premises and accommodation services supplied by hotels, guesthouses and hostels.
- 12 Miscellaneous Goods and Services This remaining category covers a wide range of items including hairdressing and other grooming; goods for hygiene, hair and body care; personal goods such as jewellery, handbags and wallets; childcare and other social protection services; insurance, financial services and other services including funerals, weddings, legal and professional services.