

Prices

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Prices

- The overall average rate of inflation for 2002 was 4.6%, down from 4.9% in 2001.
- The Education sector experienced the highest rate of price increase in 2002 at 10.3%.
- Prices in Hotels, Restaurants & Licensed Premises rose by 7.4% in 2002.
- The CPI excluding Mortgage Interest rose by 5.0% in 2002.
- In 2002, overall Producer Prices remain unchanged (WPI).
- The price of building and construction materials increased by 3.7% (WPI).
- The price of Energy products increased by 6.1% (WPI).

Introduction

This chapter contains the principal price index numbers (annual averages) for the non-agricultural sectors. The details are drawn from the monthly reports on the Consumer Price Index, EU Harmonised Index of Consumer Prices and Wholesale Price Index.

Consumer Price Index (CPI)

The CPI 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 while on holiday within Ireland. A monthly CPI series was introduced in January 2002 to base December 2001 as 100 using weights derived from the 1999-00 National Household Budget Survey. Over 50,000 prices are collected from a representative basket of over 1,040 varieties in a fixed panel of retail and service outlets throughout the country on the second Tuesday of each month.

The CPI does not include the expenditure of persons resident in institutions and other non-private households. In statistical terms, the coverage is referred to as the domestic concept.

Table 15.1 of this chapter shows the index numbers (Mid-December 2001=100) for the All Items CPI, twelve COICOP commodity groups, Energy Products, Goods and Services for the period 1993 to 2002. Over this period the All-items CPI increased by 30.5%. The most notable increases were Miscellaneous Goods & Services (+61.4%), Alcoholic Beverages & Tobacco (+52.6%), Restaurants & Hotels (+48.9%), Education (+33.7%), Food & Non-Alcoholic Beverages (+33.6%) and Recreation & Culture (+32.7%). The period 1999 to 2000 showed the largest annual percentage change (+5.6%) due mainly to a weak Euro, higher prices for crude oil products and higher interest rates.

The cost of consumer Services increased by +40.1% in the period 1993 to 2002 while the corresponding rate for Goods was +22.8%.

EU harmonised index of consumer prices (EU-HICP)

The EU-HICP is calculated in each Member State of the European Union to allow the comparison of consumer price trends in the different Member States.

A monthly EU-HICP was introduced in January 1997 to base Year 1996 as 100. Up to December 1999 it measured the price trend of about 87% of the basket of goods and services in the All-Items CPI.

In January 2000 the personal expenditure of tourists was included in order to comply with the harmonised geographic and population coverage specified in Commission Regulation 1688/98. In statistical terms this coverage is referred to as the domestic concept. This was achieved by

adjusting the weights of some items in order to reflect the extra expenditure by tourists (estimated to increase the overall HICP weight by 6.9%). The main areas affected are hotels, cafes & restaurants, alcoholic drink, tobacco, gifts, motor fuel, public transport, entertainment, recreation and other expenditure. As a result, the relative distribution of HICP expenditure changed. In addition, the coverage of the HICP was extended to cover health, education and social protection. This extension to the coverage means that approximately 9% of the Irish CPI expenditure weighting (mainly mortgage interest and the non-service element of insurance) is now excluded from the HICP.

Table 15.2 shows the index numbers (Year 1996=100) for the HICP and twelve internationally defined COICOP commodity groups for the period 1996 to 2002. Over this period the HICP increased by 21.4%. The most notable increases were Education (+44.9%), Health (+42.0%), Alcoholic Beverages & Tobacco (+34.8%), Miscellaneous Goods & Services (+34.4%) and Restaurants & Hotels (+33.3%). The period 1999 to 2000 showed the largest annual percentage change (+5.2%) due mainly to a weak Euro, higher prices for crude oil products, increased tobacco taxes and higher service charges.

Wholesale Price Index (WPI)

The WPI series with base 1995 as 100 was introduced in March 2002. Monthly price indices are produced, using the Laspeyres formula, for the following sectors:

Industrial producer price indices (PPI)

Building and construction materials

Capital goods

Energy Products

The General wholesale price index (GWPI)

The **Producer Price Index** (PPI) distinguishes 20 major industrial sectors. An index (Total manufacturing industries) covering all manufacturing industrial output, and an overall index (Total transportable goods industries) covering all industrial output (including Mining and quarrying) are also included. The indices for each sector are calculated as a weighted average of the monthly price relatives for constituent commodities. Weights are the gross outputs of these commodities. These weights were updated to 1995 levels from a number of sources, notably the 1995 Census of Industrial Production, 1995 Prodcom Inquiry and National Accounts data.

A number of technical changes have been made to the PPI series to bring this index in line with EU regulation governing short-term statistical indicators of economic activities. In this context, the classification system of industrial sectors, NACE Rev.1, has replaced the previous NACE 70 categorisation. Furthermore, commodity groupings are now based on the EU Prodcom coding system, which is directly linked to tariff codes. In this updated series, the weighting structure for both the three-digit nace level and for commodity groups has changed significantly.

Table 15.6 shows the index numbers for the PPI and the major sectors of the manufacturing industry for the period 1995 to 2002. Increases were recorded in all but 2 of the sectors over this period. The most notable increases were in Tobacco products (+50.9%), Fish and fish products (+48.6) and Other food products (+34.1%). Over the same period, the index for Total manufacturing industries rose by 15.0%, while the index for Total transportable goods industries also rose by 15.0%.

In the **Building and Construction Materials** sector, indices are published for 11 separate categories of materials, as well as a combined index for all building and construction materials. Home-produced and imported commodities are covered. The weightings in the construction of these indices are based on the cost of materials used by firms in the building, construction and allied trades industry as returned in the 1982 Census of Building and Construction.

Table 15.8 shows the index numbers for the overall building and construction sector and the 11 separate categories of materials for the period 1995 to 2002. Over this period, increases were recorded in all of the 11 categories with the exception of Reinforcing metal (-2.8%) and Electrical fittings (-6.5%). The most notable increases were in Bituminous macadam and asphalt (+43.5%), Bituminous emulsions (+42.7%), and Stone, sand and gravel (+38.7%). The overall index rose by 18.3%.

The wholesale price indices for **Capital goods** distinguish between Transportable capital goods and Building and construction industries. The building and construction capital goods wholesale price index is calculated by combining a special hourly wage rate index for employees in the building and construction sector with the price index for building and construction materials described above. The 1995 weights for the capital goods indices are based on the provisional estimates of the value of fixed capital formation used in the 1999 National Income and Expenditure Accounts.

Table 15.9 shows the index numbers at the overall capital goods level as well as the major sectors in this area for the period 1995 to 2002. Over this period, all the indices increased. The most notable increases were in Building and construction (ie materials and wages) (+44.3%) and Transportable capital for use in Industry (+16.2%). The overall index for capital goods rose by 33.0%.

In the area of **Energy products**, separate indices are distinguished for electricity and petroleum fuels purchased by the manufacturing industry, as well as an overall index. The overall index is compiled using weights based on the costs of different types of fuels purchased by industrial establishments as reported in the 1995 Census of Industrial Production.

Table 15.10 shows the index numbers at the overall Energy products level as well as the index for Petroleum fuels and the five major sectors in this area for the period 1995 to 2002. Over this period, all the indices increased. The increase in the petroleum fuels sector was substantially higher than that recorded for electricity. This is despite a drop in the cost of petroleum fuels during 2002 arising from falling crude oil prices during the year.

The **General Wholesale Price Index** (GWPI) is calculated from the Output of manufacturing industry price index, Output of agriculture price index and Import price (unit value) index, modified as far as possible to minimise duplication. The usefulness of this index is limited. The sectoral indices are more relevant and meaningful. Table 15.7 shows that, over the period 1995 to 2001, the GWPI rose by 15.4%.

NACE

The general industrial Classification of economic activities in the European Union (EU).

CPI

The classification used 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.

Table 15.4

Estimated amounts required to purchase at retail prices the same quantum of goods or services as €1 (100 cent) in 2002 using annual average indices only.

Table 15.6

"Total manufacturing industries" excludes Mining and quarrying.

Table 15.9

"Private vehicles" are inclusive of VAT which is non-deductible for industry and agriculture.

Table 15.10

"Petroleum fuels" comprise Energy products excluding electricity.

Table 15.1 COICOP group and all items consumer price indices

Base Mid-December 2001=100

COICOP group	Mid-December 2001 % Base Expenditure Weights	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Food and non-alcoholic beverages	14.092	76.1	78.6	80.8	82.2	83.4	86.8	89.5	92.3	98.3	101.7
Alcoholic beverages and tobacco	7.498	68.0	71.8	74.6	77.5	79.6	82.7	86.0	95.9	98.3	103.8
Clothing and footwear	5.052	128.8	130.6	129.7	128.7	120.0	113.6	106.4	101.2	98.4	94.2
Housing, water, electricity, gas and other fuels	12.331	87.6	85.0	87.8	88.4	90.1	90.8	84.7	92.8	102.6	103.6
Furnishings, household equipment and routine household maintenance	4.331	79.2	81.6	82.8	84.0	85.3	88.3	90.4	94.5	97.8	99.5
Health	2.518	65.0	67.7	69.9	72.2	74.6	78.6	83.1	89.0	95.7	105.3
Transport	13.183	83.7	84.4	86.1	88.6	91.1	91.9	94.0	101.5	99.9	102.9
Communications	1.903	130.8	134.5	134.2	129.3	127.3	119.6	110.8	107.5	98.6	100.7
Recreation and culture	10.810	77.4	79.2	81.5	83.2	84.5	86.3	88.8	92.1	96.6	102.7
Education	1.547	77.7	81.7	82.2	72.8	67.0	72.1	79.5	87.9	94.2	103.9
Restaurants and hotels	17.760	70.3	73.6	75.9	78.2	80.5	83.8	87.2	92.0	97.5	104.7
Miscellaneous goods and services	8.975	64.5	66.7	68.5	70.5	72.8	76.4	80.7	86.8	94.9	104.1
All items	100.000	78.7	80.5	82.6	84.0	85.2	87.2	88.7	93.6	98.2	102.7
Energy products	6.396	83.6	84.1	84.6	87.8	90.4	89.9	91.5	104.0	101.3	104.8
Goods	49.019	82.5	84.6	86.4	88.0	88.6	90.1	91.6	96.3	98.9	101.3
Services	50.981	74.3	75.9	78.2	79.3	81.3	84.0	85.3	90.5	97.3	104.1

Source: CSO

Table 15.2 EU harmonised consumer price commodity group indices

Base year 1996=100

Commodity group	1996	1997	1998	1999	2000	2001	2002
Food and non-alcoholic beverages	100.0	101.5	105.7	108.9	112.3	119.6	123.7
Alcoholic beverages and tobacco	100.0	102.9	107.0	111.3	124.6	127.7	134.8
Clothing and footwear	100.0	93.5	88.4	82.9	78.7	76.5	73.3
Housing, water, electricity gas and other fuel	100.0	99.2	98.7	101.9	111.2	117.6	122.4
Furnishings, household equipment and routine household maintenance	100.0	101.3	104.7	107.2	111.6	115.2	116.8
Health	100.0	102.9	108.8	114.0	120.9	129.0	142.0
Transport	100.0	103.1	104.1	106.4	115.6	113.4	116.9
Communications	100.0	98.4	92.5	85.7	83.2	76.3	77.9
Recreation and culture	100.0	101.4	103.4	106.5	110.4	115.9	123.2
Education	100.0	105.1	108.6	114.9	122.6	131.3	144.9
Restaurants and hotels	100.0	102.9	107.0	111.3	117.5	124.4	133.3
Miscellaneous goods and services	100.0	102.6	107.0	111.2	117.2	124.8	134.4
HICP	100.0	101.2	103.4	106.0	111.5	116.0	121.4

Source: CSO

Table 15.3 Consumer Price Index – certain indices from 1976 to date*Base Mid-December 2001=100*

Period	CPI all items	CPI excluding alcohol	CPI excluding tobacco	CPI excluding alcohol and tobacco	CPI excluding mortgage interest	CPI excluding housing
1976	21.2	21.9	21.9	22.7	21.2	21.0
1977	24.1	25.1	25.0	26.1	24.1	23.9
1978	26.0	27.0	26.9	28.2	25.9	26.0
1979	29.4	30.6	30.5	31.9	29.3	29.5
1980	34.8	36.0	35.9	37.4	34.6	34.8
1981	41.9	43.0	43.0	44.4	41.7	42.0
1982	49.0	50.0	50.3	51.5	48.8	49.2
1983	54.2	54.9	55.4	56.3	54.0	54.5
1984	58.8	59.9	60.1	61.5	58.7	59.2
1985	62.0	63.6	63.2	65.0	61.8	62.3
1986	64.4	65.6	65.4	66.9	64.1	64.6
1987	66.4	67.5	67.4	68.7	65.8	66.4
1988	67.8	68.8	68.8	70.0	67.5	68.0
1989	70.6	71.6	71.6	72.9	70.1	70.6
1990	72.9	74.1	74.1	75.5	71.9	72.3
1991	75.3	76.4	76.4	77.9	74.1	74.6
1992	77.6	78.7	78.6	79.9	76.2	76.6
1993	78.7	79.5	79.6	80.6	77.6	78.0
1994	80.5	81.1	81.4	82.1	80.0	80.4
1995	82.6	83.1	83.3	84.1	81.9	82.2
1996	84.0	84.4	84.6	85.2	83.4	83.7
1997	85.2	85.5	85.8	86.2	84.4	84.8
1998	87.2	87.4	87.7	88.0	86.5	86.9
1999	88.7	88.6	89.1	89.0	88.9	89.3
2000	93.6	93.6	93.5	93.5	93.7	94.0
2001	98.2	98.2	98.2	98.2	97.7	97.8
2002	102.7	102.5	102.7	102.4	102.6	102.6

Source: CSO

Table 15.4 Purchasing power of the €/£

Year	Value	Year	Value	Year	Value	Year	Value
2002	100.0						
2001	95.6	1981	40.8	1961	6.1	1941	2.9
2000	91.2	1980	33.8	1960	5.9	1940	2.6
1999	86.3	1979	28.6	1959	5.9	1939	2.3
1998	84.9	1978	25.3	1958	5.9	1938	2.2
1997	82.9	1977	23.5	1957	5.6	1937	2.2
1996	81.7	1976	20.7	1956	5.4	1936	2.0
1995	80.4	1975	17.5	1955	5.2	1935	2.0
1994	78.4	1974	14.5	1954	5.1	1934	1.9
1993	76.6	1973	12.4	1953	5.0	1933	1.9
1992	75.5	1972	11.1	1952	4.8	1932	2.0
1991	73.3	1971	10.2	1951	4.4	1931	2.0
1990	71.0	1970	9.4	1950	4.1	1930	2.2
1989	68.7	1969	8.7	1949	4.0	1929	2.2
1988	66.0	1968	8.1	1948	4.0	1928	2.2
1987	64.6	1967	7.7	1947	3.9	1927	2.2
1986	62.7	1966	7.5	1946	3.7	1926	2.3
1985	60.3	1965	7.3	1945	3.7	1925	2.4
1984	57.3	1964	6.9	1944	3.7	1924	2.4
1983	52.7	1963	6.5	1943	3.6	1923	2.3
1982	47.7	1962	6.3	1942	3.2	1922	2.4

Source: CSO

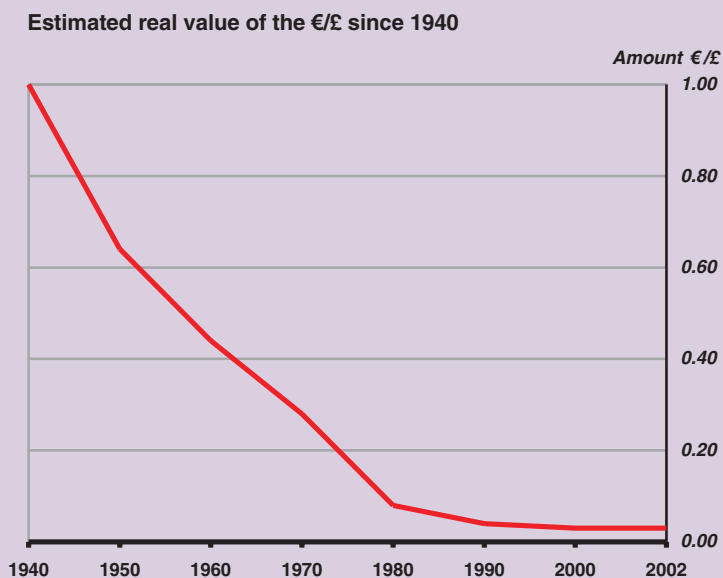


Table 15.5 National average prices

€

Item	Unit	1998	1999	2000	2001	2002
Beef						
Round steak	kg	7.646	7.764	8.152	8.561	8.736
Sirloin steak	kg	10.586	10.747	11.651	12.347	12.545
Striploin steak	kg	n/a	n/a	n/a	n/a	17.238
Roast beef - topside/rib	kg	n/a	n/a	n/a	n/a	8.664
Sliced/diced beef pieces	kg	n/a	n/a	n/a	n/a	7.244
Rib steak	kg	5.121	4.989	5.347	5.559	n/a
Leg beef (boneless)	kg	5.465	5.379	5.699	6.026	n/a
Brisket pot roast	kg	5.231	5.123	5.374	5.692	n/a
Mutton/lamb						
Whole leg	kg	7.263	7.245	7.720	10.148	9.699
Loin chops	kg	10.309	10.572	11.678	15.590	16.352
Gigot chops	kg	7.173	7.072	7.488	9.969	9.800
Lamb pieces including neck	kg	n/a	n/a	n/a	n/a	6.326
Liver	kg	4.256	4.334	4.581	5.061	5.283
Pork						
Fillet/half leg	kg	n/a	n/a	n/a	n/a	6.738
Roast loin	kg	n/a	n/a	n/a	n/a	8.939
Loin chops	kg	7.363	7.230	7.700	8.660	8.938
Shoulder roast	kg	4.100	3.824	4.163	4.849	n/a
Steak	kg	10.530	9.973	10.431	11.442	11.522
Whole leg	kg	4.953	4.793	5.065	5.648	n/a
Bacon						
Best back rashers	kg	8.283	8.237	9.034	10.254	10.318
Ham fillet	kg	7.236	7.128	7.660	8.591	8.935
Collar	kg	n/a	n/a	n/a	n/a	5.906
Streaky rashers	kg	5.481	5.570	6.163	7.311	n/a
Other meat						
Cooked ham	kg	11.030	11.330	12.184	13.386	13.807
Pork sausages	kg	3.874	3.946	4.136	4.486	4.621
Black pudding	kg	3.840	3.920	4.134	4.561	n/a
Fish						
Fillets of whiting	kg	5.842	6.622	7.212	7.697	8.340
Cod cutlets	kg	9.236	10.263	11.786	12.673	13.710
Fillets of plaice	kg	11.010	11.886	13.204	14.202	15.479
Salmon steak	kg	n/a	n/a	n/a	n/a	12.462
Smoked salmon	kg	n/a	n/a	n/a	n/a	20.524
Smoked kippers	kg	5.403	5.748	5.996	6.276	n/a
Vegetables						
Potatoes	5lbs	1.816	2.251	2.265	2.788	n/a
Potatoes	10kg	5.567	6.269	5.319	6.540	6.538
Potatoes	2.5 kg	n/a	n/a	n/a	n/a	3.163
Tomatoes	kg	2.203	2.192	2.505	2.313	2.611
Onions	kg	1.087	0.971	1.008	1.164	1.325
Broccoli	kg	2.510	2.369	2.744	2.948	3.295
Carrots	kg	1.012	1.069	1.032	1.322	1.350
Mushrooms	kg	3.856	3.959	4.012	4.110	3.981

Table 15.5 National average prices (continued)

€						
Item	Unit	1998	1999	2000	2001	2002
Fruit						
Grapes	kg	n/a	n/a	n/a	n/a	4.656
Bananas	kg	n/a	n/a	n/a	n/a	1.656
Dairy products						
Milk: fresh pasteurised	litre	0.799	0.804	0.810	0.828	0.847
Irish cheddar	kg	7.414	7.570	7.709	8.539	8.850
Butter	lb	2.027	2.023	2.030	2.016	1.964
Eggs						
Large (size 2)	Dozen	2.061	2.141	2.301	2.407	2.402
Standard (size 3)	Dozen	1.733	1.834	1.980	2.046	2.098
Bread						
White, sliced (large)	800g	0.938	0.973	0.990	1.017	1.055
White, sliced (small)	400g	0.700	0.725	0.742	0.776	n/a
Brown, sliced (large)	800g	1.046	1.088	1.110	1.140	1.165
Flour						
White, plain	2kg	1.185	1.186	1.221	1.241	1.256
White, self-raising	2kg	1.190	1.196	1.221	1.251	1.267
Brown, wholemeal	2kg	1.246	1.246	1.241	1.276	1.306
Sugar						
White granulated	1 kg	1.134	1.135	1.133	1.128	1.113
Tea						
Bags	80	n/a	n/a	n/a	n/a	2.456
Preserves						
Jam	1 lb	1.331	1.380	1.428	1.496	1.535
Honey	1 lb	2.105	2.255	2.310	2.457	2.529
Marmalade	1 lb	1.337	1.359	1.409	1.470	1.508
Juice						
Orange juice	1 litre	n/a	n/a	n/a	n/a	1.547
Drink Taken Home						
Stout (6-pack)	6 x 250ml	5.247	5.436	5.725	6.033	6.454
Lager	Single can	n/a	n/a	n/a	n/a	1.851
Lager (4-pack)	4 x 330ml	5.236	5.606	6.234	6.840	n/a
Ale (6-pack),bottle	6 x 250ml	5.341	5.464	6.048	6.419	n/a
Cider, can	500ml	1.549	1.588	1.676	1.757	1.998
Whiskey	70 cl	17.313	17.667	18.174	18.405	18.785
Brandy	70 cl	23.140	23.588	23.960	24.329	24.737
Vodka	70 cl	15.529	15.618	15.923	16.183	16.622
Cream liqueur	70 cl	n/a	n/a	n/a	n/a	15.669
Sherry	75 cl	10.171	10.246	10.699	10.891	11.031
Wine, fine quality	75 cl	n/a	n/a	n/a	n/a	14.325
Wine, table	75 cl	n/a	n/a	n/a	n/a	9.005
Drinks Out						
Draught stout	1 pint	2.621	2.719	2.848	2.990	3.206
Draught lager	½ pint	1.643	1.720	1.827	1.938	2.099
Draught lager	1 pint	2.896	3.004	3.148	3.301	3.553

TABLE 15.5

Table 15.5 National average prices (continued)

€

Item	Unit	1998	1999	2000	2001	2002
Bottled lager	330ml	2.838	2.965	3.146	3.319	3.595
Draught ale	½ pint	1.535	1.602	1.698	1.808	n/a
Draught ale	1 pint	2.663	2.760	2.891	3.035	3.256
Bottled cider	330 ml	2.976	3.082	3.253	3.430	3.761
Whiskey, single measure	½ glass	n/a	n/a	n/a	n/a	2.832
Brandy, single measure	½ glass	n/a	n/a	n/a	n/a	3.361
Vodka, single measure	½ glass	n/a	n/a	n/a	n/a	2.864
Tobacco						
Filter tipped, standard size	20	3.918	4.089	4.746	4.876	5.183
Plain, standard size	20	3.949	4.125	4.777	4.892	n/a
Entertainment						
Cinema	fee	n/a	n/a	n/a	n/a	6.526
Club disco	fee	n/a	n/a	n/a	n/a	8.691
Hairdressing						
Gent's haircut - dry cut	fee	n/a	n/a	n/a	n/a	9.236
Ladies wash, cut and blowdry	fee	n/a	n/a	n/a	n/a	25.580
Motor Fuel						
Unleaded petrol	1 litre	0.745	0.761	0.912	0.846	0.871
Autodiesel	1 litre	0.703	0.712	0.856	0.753	0.785
Liquid petroleum gas	1 litre	0.485	0.490	0.583	0.644	n/a

Source: CSO

Table 15.6 Industrial producer price indices (excluding VAT)*Base year 1995=100*

Manufacturing industries	Nace Code	1995	1996	1997	1998	1999	2000	2001	2002
Food Products	151-158	100.0	99.0	100.2	101.6	102.9	110.1	112.5	113.7
Meat and meat products	151	100.0	94.0	95.2	92.5	93.6	102.4	101.7	105.3
Fish and fish products	152	100.0	112.0	119.1	125.6	118.2	129.1	142.6	148.6
Fruit and vegetables	153	100.0	102.1	103.7	105.6	107.3	112.3	120.2	126.4
Dairy products	155	100.0	100.3	98.8	99.6	98.3	103.0	104.2	100.6
Grain milling, starches and animal feeds	156,157	100.0	103.9	101.0	98.7	97.2	99.4	103.2	104.0
Other food products	158	100.0	100.3	104.5	111.4	116.8	126.3	131.2	134.1
Bread and flour confectionery	1581-1582	100.0	103.3	104.8	105.5	106.3	108.5	111.6	115.9
Sugar, cocoa, chocolate and sugar confectionery	1583-1584	100.0	103.2	105.9	109.1	111.8	114.1	113.9	114.5
Beverages	159	100.0	100.7	101.8	104.4	107.4	111.9	114.3	118.8
Tobacco products	16	100.0	104.9	109.1	113.9	119.1	139.8	143.6	150.9
Textiles	17	100.0	99.0	102.4	104.9	101.9	105.7	106.3	108.1
Wearing apparel; dressing and dyeing of fur	18	100.0	101.0	104.6	112.5	117.4	126.9	128.5	129.7
Leather and leather products (incl. footwear)	19	100.0	104.0	106.5	91.3	78.3	86.4	92.2	89.9
Wood and wood products	20	100.0	98.5	99.5	100.4	101.4	103.7	103.7	103.8
Pulp, paper and paper products	21	100.0	97.6	94.8	96.4	94.0	102.9	106.4	106.7
Printing and service activities related to printing	222	100.0	101.3	101.8	103.0	103.7	106.7	110.3	113.2
Chemicals, chemical products and man-made fibres	24	100.0	99.3	95.4	98.7	101.3	108.1	115.9	114.0
Basic chemicals	241	100.0	101.1	97.0	99.5	101.8	108.7	123.5	125.0
Pharmaceuticals and other chemical products (incl. man-made fibres)	243-247	100.0	97.5	93.6	97.9	100.7	107.4	108.0	102.5
Rubber and plastic products	25	100.0	99.6	97.6	99.8	102.1	106.7	109.3	109.6
Other non-metallic mineral products	26	100.0	102.2	103.8	104.8	107.8	113.8	117.2	122.9
Basic Metals	27	100.0	99.7	99.0	99.9	104.0	114.0	117.2	104.6
Fabricated metal products, except machinery and equipment	28	100.0	101.3	102.8	104.5	104.3	110.9	113.8	113.1
Machinery and equipment, not elsewhere classified	29	100.0	100.8	101.9	107.0	108.7	112.6	114.0	114.5
Electrical machinery and communication equipment	31,32	100.0	96.5	92.6	92.5	91.7	95.3	95.0	91.1
Electrical machinery and apparatus, not elsewhere classified	31	100.0	97.9	98.8	98.3	98.5	105.4	108.1	108.0
Radio, television and communication equipment	32	100.0	95.4	87.7	87.9	86.4	87.4	84.7	77.7
Medical, precision and optical instruments, watches and clocks	33	100.0	98.9	93.2	96.4	98.1	105.9	105.4	106.4
Motor vehicles, trailers and semi-trailers	34	100.0	100.4	106.0	113.1	115.8	121.6	127.2	129.4
Furniture and manufacturing not elsewhere classified	36	100.0	100.8	102.9	106.1	109.1	112.7	116.9	119.9
Mining and quarrying	10-14	100.0	100.6	105.0	102.0	104.9	113.3	115.5	116.7
Total manufacturing industries		100.0	99.5	99.8	102.5	104.4	112.2	115.0	115.0
Total transportable goods industries		100.0	99.5	99.8	102.5	104.4	112.2	115.0	115.0

Source: CSO

TABLE 15.6

Table 15.7 General wholesale price indices (excluding VAT)*Base year 1995=100*

Description	1995	1996	1997	1998	1999	2000	2001	2002
General wholesale price index	100.0	99.6	100.0	102.9	104.8	112.2	115.4	n/a

*Source: CSO***Table 15.8 Wholesale price indices (excluding VAT) for building and construction materials***Base year 1995=100*

Materials	1995	1996	1997	1998	1999	2000	2001	2002
Stone, sand and gravel	100.0	101.2	103.7	102.6	106.0	114.4	129.6	138.7
Cement	100.0	102.5	103.3	103.3	103.3	103.3	103.3	106.3
Ready mixed mortar and concrete	100.0	102.2	98.5	98.8	99.1	101.4	108.3	120.3
Concrete blocks and bricks	100.0	101.9	102.4	103.0	104.4	106.5	112.1	118.3
Other concrete products	100.0	100.6	101.7	102.5	104.9	108.2	112.6	115.0
Structural steel and reinforcing metal	100.0	95.8	92.9	94.5	91.5	97.3	101.4	101.4
of which								
Structural steel	100.0	97.6	96.9	98.4	96.8	101.7	106.6	105.8
Reinforcing metal	100.0	94.2	89.2	90.7	86.4	93.0	96.4	97.2
Rough timber (including plain sawn)	100.0	94.9	102.4	108.2	106.6	113.5	112.8	110.8
Other timber (including joinery)	100.0	104.7	112.5	115.5	115.0	118.9	123.4	125.0
Bituminous macadam, asphalt and bituminous emulsions	100.0	103.7	106.0	104.2	109.5	129.6	137.4	143.2
of which								
Bituminous macadam and asphalt	100.0	102.5	104.5	105.2	106.6	125.6	139.1	143.5
Bituminous emulsions	100.0	105.0	107.7	102.8	112.9	134.4	135.3	142.7
Electrical fittings	100.0	96.7	96.3	91.6	90.2	97.3	95.0	93.5
All other materials	100.0	102.3	103.9	106.6	108.3	115.0	123.6	128.3
All materials	100.0	100.6	101.7	102.7	103.3	108.7	114.1	118.3

Source: CSO

TABLE 15.7

TABLE 15.8

Table 15.9 Capital goods price indices (excluding VAT)*Base year 1995=100*

Capital goods	1995	1996	1997	1998	1999	2000	2001	2002
Transportable capital for use in								
Agriculture	100.0	102.8	103.5	104.5	105.4	106.2	107.7	109.4
Industry	100.0	103.3	104.7	107.1	110.1	112.6	115.0	116.2
of which								
Private vehicles	100.0	102.5	103.5	103.1	105.1	105.9	106.7	108.7
Commercial vehicles	100.0	102.1	102.9	105.4	107.2	108.9	110.7	112.2
Agriculture and industry	100.0	103.1	104.3	106.3	108.6	110.6	112.7	114.1
Other sectors	100.0	102.8	103.9	105.3	107.9	110.8	113.4	115.5
Total transportable capital	100.0	103.0	104.1	105.8	108.3	110.7	113.1	114.8
Building and construction (ie materials and wages)	100.0	101.2	104.2	107.0	111.2	119.4	134.7	144.3
All capital goods	100.0	101.9	104.2	106.5	110.0	116.1	126.4	133.0

*Source: CSO***Table 15.10 Wholesale price indices (excluding VAT) for energy products (ie fuels purchased by manufacturing industry)***Base year 1995=100*

Energy products	1995	1996	1997	1998	1999	2000	2001	2002
Petrol	100.0	105.9	112.2	113.6	119.0	142.5	137.6	142.9
Autodiesel	100.0	108.5	111.4	106.0	111.6	138.1	121.5	127.7
Gas oil (other than autodiesel)	100.0	111.1	110.7	101.2	111.4	160.9	155.3	145.9
Fuel oil	100.0	105.6	104.4	100.4	113.0	151.2	147.0	148.3
Electricity	100.0	101.3	102.9	103.3	103.3	103.3	106.8	117.3
Petroleum fuels	100.0	108.4	109.7	104.2	112.8	149.1	140.4	140.3
Energy products	100.0	103.5	105.0	103.6	106.2	117.4	117.1	124.3

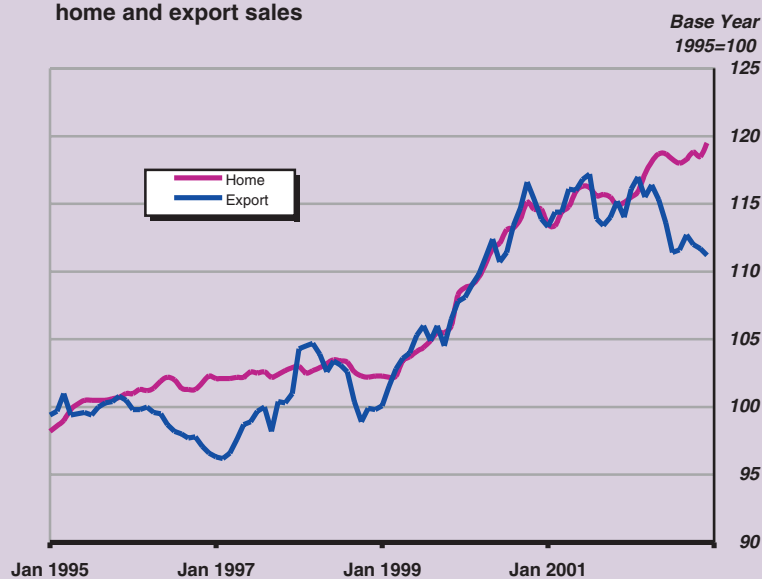
*Source: CSO***Manufacturing industries: Output price indices for home and export sales**

Table 15.11 New house prices

€

Area	Year	Average price of new houses for which loans were approved by:			
		Building societies	Banks and other agencies	Local authorities	All agencies
State	1997	106,541	100,868	55,343	102,222
	1998	127,317	125,053	70,012	125,302
	1999	153,862	147,392	93,719	148,521
	2000	179,027	166,902	112,950	169,191
	2001	185,586	182,926	125,615	182,863
	2002	201,779	198,052	133,421	198,087
Cork	1997	98,317	95,552	58,120	96,046
	1998	111,362	113,075	76,126	112,133
	1999	147,001	139,388	90,267	141,007
	2000	174,664	163,997	129,484	166,557
	2001	165,906	177,863	133,397	174,550
	2002	180,562	186,423	133,149	184,369
Dublin	1997	126,240	120,186	67,593	122,036
	1998	160,478	161,371	102,286	160,699
	1999	196,262	193,437	115,853	193,526
	2000	228,445	222,679	126,357	221,724
	2001	240,866	246,740	144,210	243,095
	2002	251,023	260,821	170,543	256,019
Galway	1997	103,358	112,287	n/a	109,905
	1998	115,630	119,983	41,266	118,738
	1999	143,879	137,994	76,184	138,928
	2000	189,893	156,917	67,029	163,824
	2001	167,712	172,773	108,167	171,161
	2002	175,983	190,029	117,709	187,607
Limerick	1997	86,815	93,151	74,915	91,077
	1998	101,923	105,143	n/a	104,248
	1999	114,487	124,211	71,105	121,880
	2000	133,166	150,017	119,355	145,834
	2001	141,858	155,591	107,134	152,205
	2002	166,544	169,780	122,213	168,574
Waterford	1997	88,273	93,704	n/a	91,608
	1998	102,846	109,820	n/a	107,954
	1999	124,483	134,519	90,151	132,050
	2000	126,943	155,058	111,058	145,713
	2001	135,034	163,223	126,783	155,488
	2002	154,102	173,637	129,051	167,272
Other areas	1997	98,566	93,759	48,660	94,664
	1998	118,671	116,430	49,345	116,589
	1999	140,816	136,339	78,964	136,970
	2000	162,462	152,356	87,082	154,050
	2001	168,477	167,142	116,060	166,834
	2002	180,200	181,149	122,438	179,936

Source: Department of the Environment, Housing Statistics Bulletin

Table 15.12 Second-hand house prices

€

Area	Year	Average price of second-hand houses for which loans were approved by:			
		Building societies	Banks and other agencies	Local authorities	All agencies
State	1997	112,498	101,018	57,655	102,712
	1998	144,864	133,263	78,290	134,529
	1999	175,427	161,970	104,785	163,316
	2000	201,754	189,658	119,452	190,550
	2001	222,466	205,015	136,591	206,117
	2002	239,480	227,940	141,369	227,799
Cork	1997	90,948	88,896	58,935	88,535
	1998	120,819	108,570	66,608	110,432
	1999	138,613	140,863	77,627	139,473
	2000	170,555	170,412	111,950	169,064
	2001	191,252	179,154	119,458	179,687
	2002	196,434	202,778	123,401	200,155
Dublin	1997	137,317	132,142	67,047	131,258
	1998	181,514	178,577	97,460	176,420
	1999	218,041	213,696	118,804	210,610
	2000	247,214	252,815	132,860	247,039
	2001	272,031	274,446	160,411	267,939
	2002	298,595	303,637	170,533	297,424
Galway	1997	98,961	101,610	50,790	100,791
	1998	123,994	127,913	84,543	126,914
	1999	131,810	150,574	79,712	147,152
	2000	148,022	171,252	77,771	166,145
	2001	198,095	188,496	111,204	189,713
	2002	195,217	208,699	104,315	206,571
Limerick	1997	84,999	79,491	37,658	78,256
	1998	94,702	99,376	44,860	96,791
	1999	123,836	119,249	55,336	119,072
	2000	145,244	142,505	75,896	142,188
	2001	163,657	157,840	100,988	157,176
	2002	167,371	174,530	106,739	172,273
Waterford	1997	76,051	75,226	48,748	73,308
	1998	96,602	95,859	60,551	93,948
	1999	119,118	116,914	78,523	115,768
	2000	129,986	148,374	93,463	141,662
	2001	144,168	162,188	116,692	155,242
	2002	158,127	174,854	117,556	170,342
Other areas	1997	92,629	85,578	47,309	86,347
	1998	115,777	112,048	50,791	111,878
	1999	145,021	133,775	78,659	135,096
	2000	170,613	156,954	102,257	158,442
	2001	182,719	170,814	107,539	171,203
	2002	192,314	194,252	110,179	192,301

Source: Department of the Environment, Housing Statistics Bulletin

TABLE 15.12

Table 15.13 New house prices (excluding apartments)

€

Area	Year	Average price of new houses for which loans were approved by:			
		Building societies	Banks and other agencies	Local authorities	All agencies
State	1997	106,771	100,632	54,886	102,037
	1998	128,223	123,596	70,012	124,368
	1999	152,625	145,899	91,657	147,043
	2000	174,396	164,526	112,791	166,155
	2001	184,594	181,124	122,163	181,146
	2002	198,620	194,846	127,215	194,835
Cork	1997	99,371	95,894	58,120	96,504
	1998	112,644	112,666	76,126	112,166
	1999	145,129	139,821	90,267	140,797
	2000	165,569	164,388	129,911	164,535
	2001	167,760	178,225	132,899	175,372
	2002	181,774	186,645	133,414	184,884
Dublin	1997	126,739	121,820	67,869	123,231
	1998	162,542	159,065	102,286	159,558
	1999	196,936	191,102	113,819	191,942
	2000	221,586	218,686	126,195	216,433
	2001	249,301	256,789	134,535	252,192
	2002	251,116	264,754	168,771	259,381
Galway	1997	105,082	113,292	–	111,108
	1998	120,033	118,741	41,266	118,917
	1999	139,676	137,177	76,184	137,510
	2000	187,898	155,208	67,029	160,972
	2001	172,921	171,991	107,912	171,578
	2002	179,703	188,976	115,110	187,194
Limerick	1997	87,326	93,164	74,915	91,236
	1998	101,780	105,294	–	104,327
	1999	114,213	124,537	71,105	122,146
	2000	134,030	150,338	118,086	146,838
	2001	149,948	155,807	109,197	154,515
	2002	169,430	170,210	124,131	169,577
Waterford	1997	88,850	94,583	–	92,372
	1998	103,555	110,663	–	108,789
	1999	124,166	134,938	90,151	132,510
	2000	120,157	155,252	111,058	145,087
	2001	139,638	163,601	126,783	157,767
	2002	159,151	174,820	129,051	169,681
Other areas	1997	99,751	93,455	48,660	94,642
	1998	120,581	116,011	49,345	116,639
	1999	141,175	136,342	78,964	137,031
	2000	163,202	152,323	85,150	154,141
	2001	170,576	167,431	116,074	167,493
	2002	181,993	180,703	122,569	179,988

Source: Department of the Environment, Housing Statistics Bulletin

Table 15.14 Houses by price ranges

		%					
	Year	Not exceeding €120,000	€120,001- €160,000	€160,001- €200,000	€200,001- €250,000	€250,001- €300,000	Exceeding €300,000
New houses	1998	64.8	21.4	7.7	3.2	1.3	1.5
	1999	44.4	28.7	14.0	6.6	3.0	3.3
	2000	27.0	31.1	22.0	10.6	4.4	4.9
	2001	13.3	31.2	26.6	15.8	6.3	6.8
	2002	8.1	27.5	29.7	17.8	7.6	9.4
Second-hand houses	1998	61.9	18.7	8.3	4.9	2.6	3.6
	1999	40.4	25.1	14.5	8.5	4.4	7.1
	2000	25.5	25.6	19.9	12.4	6.2	10.5
	2001	17.4	22.6	24.6	16.6	7.6	11.3
	2002	11.5	19.3	24.4	19.2	8.8	16.7
All houses	1998	63.0	19.7	8.1	4.2	2.1	2.8
	1999	41.7	26.3	14.3	7.9	4.0	5.9
	2000	26.0	27.5	20.6	11.8	5.6	8.6
	2001	16.0	25.5	25.3	16.3	7.1	9.8
	2002	10.2	22.4	26.4	18.7	8.4	14.0

Source: Department of the Environment, Housing Statistics Bulletin

