

16

Prices

- The overall average rate of inflation for 2008 was 4.1%, down from 4.9% in 2007.
- The Housing, Water, Electricity, Gas and Other Fuels sector experienced the highest rate of price increase in 2008 at 9.6%.
- Consumer Prices for Energy Products rose by 8.8% in 2008.
- In 2008, Consumer Services increased by 5.0% while the corresponding rate for Goods was 3.0%.
- Overall Producer Prices decreased by 1.1% in 2008.
- Building and construction material prices increased by 3.9% in 2008.
- The price of Energy Products increased by 7.0% in 2008.

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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. The current CPI series was introduced in January 2007 to base December 2006 as 100 using weights derived from the 2004-05 National Household Budget Survey. Over 50,000 prices are collected from a representative basket of over 1,000 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 16.1 of this chapter shows the index numbers (Mid-December 2006=100) for the All-Items CPI, twelve COICOP commodity groups and selected CPI subindices for the period 1999 to 2008. Over this period, the All-Items CPI increased by 42.5%.

Over 43% of the weight of the basket of goods and services showed increases of more than 50% while almost 9% showed decreases in the period 1999 to 2008. The large increases were in Housing, Water, Electricity, Gas & Other Fuels (+114.8%), Education (+87.2%), Health (+75.2%), Alcoholic Beverages & Tobacco (+54.2%), Restaurants & Hotels (+52.8%), and Miscellaneous Goods & Services (+40.9%). Clothing & Footwear and Communications decreased by 28.1% and 4.5% respectively over the same period. 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 66.0% in the period 1999 to 2008 while the corresponding rate for Goods was +20.9%.

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. 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. The current EU reference base period is Year 2005=100. Taking all factors into account, the HICP expenditure covers just under 90% of total CPI expenditure.

Table 16.2 shows the index numbers (Year 2005=100) for the HICP and twelve internationally defined COICOP commodity groups for the period 1999 to 2008. Over this period, the HICP increased by 35.8%. The most notable increases were in Education (+80.4%), Housing, Water, Electricity, Gas & Other Fuels (+74.1%), Health (+72.1%), Alcoholic Beverages & Tobacco (+54.6%), Restaurants & Hotels (+52.8%) and Miscellaneous Goods & Services (+42.7%). The period 1999 to 2000 showed the largest annual percentage change (+5.2%).

Wholesale Price Index (WPI)

The WPI series with base 2000 as 100 was introduced in March 2003. Monthly price indices are produced, using the Laspeyres formula, for the following sectors:

Industrial producer price indices (PPI)
Industrial producer price indices (excluding Nace 300)
Building and construction materials
Capital goods
Energy products
The General wholesale price index (GWPI)

The **Producer Price Index** (PPI) distinguishes 32 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 2000 levels from a number of sources, notably the 2000 Census of Industrial Production, 2000 Prodcom Inquiry and National Accounts data.

The classification system of industrial sectors is NACE Rev.1.1. Commodity groupings are based on the EU Prodcom coding system, which is directly linked to tariff codes.

Two additional sectors have been introduced under the 2000=100 series. These are:

- (i) NACE 111 – Extraction of crude petroleum and natural gas
- (ii) NACE 300 – Manufacture of office machinery and computers

The impact of NACE 300 on the overall producer price index at the level of Total manufacturing industries is significant due to its high weight. To maintain comparability with

the 1995 as 100 series the index for Total manufacturing industries excluding NACE 300 will continue to be published in the short term (see table 16.4a).

Table 16.4 shows the index numbers for the PPI and the major sectors of the manufacturing industry for the period 2000 to 2008. Increases were recorded in all but nine of the sectors over this period. The most notable increases were in Tobacco products (+47.9%), Mining and quarrying (+44.2%) and Fish and fish products (+37.7%). Between 2000 and 2008, the index for Total manufacturing industries decreased by 11.8%, while the index for Total transportable goods industries decreased by 11.4%.

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 a breakdown of materials used by building, civil engineering and other trade firms as returned in a dedicated survey carried out by the CSO in 1998.

Table 16.6 shows the index numbers for the overall building and construction sector and the 11 separate categories of materials for the period 2000 to 2008. Over this period increases were recorded in all of the 11 categories. The most notable increases were in Structural steel (+92.5%), Bituminous emulsions (+88.8%), and Reinforcing metal (+79.2%). The overall index rose by 47.1%.

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 2000 weights for the capital goods indices are based on the provisional estimates of the value of fixed capital formation used in the 2000 National Income and Expenditure Accounts.

Table 16.7 shows the index numbers at the overall capital goods level as well as the major sectors in this area for the period 2000 to 2008. Over this period, all the indices increased. The most notable increase was in Building and construction (ie materials and wages) (+59.9%). The overall index for capital goods rose by 41.3%.

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 1998 Census of Industrial Production.

Table 16.8 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 2000 to 2008. Over this period, all the indices increased. Overall, Petroleum fuels rose by 76.6% and Energy products increased by 74.4%.

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 16.5 shows that, over the period 2000 to 2007, the GWPI rose by 4.3%.

Technical Notes

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.

WPI

The Census of Industrial Production is a detailed annual CSO survey which records a range of data re the activity of manufacturers in Ireland.

Prodcom (Production sold/Commission work done) is an annual CSO survey recording the value of output/work done by industrial firms.

NACE Rev.1.1: Statistical classification of economic activities in the European Community.

Table 16.4

Total manufacturing industries (including NACE 300) excludes Mining and quarrying.

Table 16.4a

Total manufacturing industries (excluding NACE 300) excludes Mining and quarrying.

Table 16.7

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

Table 16.8

Petroleum fuels comprise Energy products excluding electricity.

Table 16.1 COICOP group and all items consumer price indices

Base Mid-December 2006=100

COICOP group	Mid-December 2006											
	Expenditure	% Base	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Food and non-alcoholic beverages	11.742	86.2	88.9	94.7	97.9	99.4	99.1	98.4	99.8	102.6	109.3	
Alcoholic beverages and tobacco	6.048	69.0	77.0	78.9	83.3	91.6	94.8	95.3	96.4	101.5	106.4	
Clothing and footwear	5.416	124.4	118.3	115.0	110.1	105.7	101.9	99.1	97.2	94.0	89.4	
Housing, water, electricity, gas and other fuels	16.509	56.1	61.5	68.0	68.7	68.3	71.2	78.7	91.3	109.9	120.5	
Furnishings, household equipment and routine household maintenance	4.422	95.7	100.0	103.5	105.4	104.6	102.7	101.2	99.9	98.2	96.6	
Health	3.154	61.7	66.1	71.1	78.3	84.3	89.3	94.9	99.1	102.0	108.1	
Transport	13.293	80.6	87.1	85.7	88.2	91.2	94.9	98.2	101.6	103.8	107.3	
Communications	3.418	106.2	103.0	94.5	96.5	97.9	100.6	100.4	99.9	100.4	101.4	
Recreation and culture	10.104	80.4	83.4	87.4	93.0	96.8	97.9	97.9	99.2	100.7	102.0	
Education	2.043	57.7	63.8	68.4	75.4	82.3	87.2	92.4	96.9	101.8	108.0	
Restaurants and hotels	15.425	69.5	73.3	77.6	83.3	88.6	92.1	95.2	98.9	103.0	106.2	
Miscellaneous goods and services	8.426	72.9	78.4	85.6	94.0	98.4	97.9	97.8	99.3	100.3	102.7	
All items	100.000	75.1	79.3	83.2	87.0	90.1	92.0	94.3	98.0	102.8	107.0	
Energy products	7.765	64.4	73.2	71.3	73.7	76.7	83.2	93.7	101.4	106.1	115.4	
Goods	47.080	85.8	90.2	92.7	94.9	96.8	97.7	98.4	99.7	100.7	103.7	
Services	52.920	66.2	70.2	75.5	80.8	84.7	87.5	91.0	96.6	104.7	109.9	
CPI excluding Mortgage Interest	93.339	77.2	81.4	84.9	89.1	92.8	94.7	96.5	99.0	101.7	104.9	
CPI excluding Energy Products	92.235	76.0	79.6	84.1	88.1	91.2	92.8	94.3	97.7	102.5	106.2	
CPI excluding Tobacco	96.824	76.0	79.8	83.8	87.6	90.3	92.2	94.5	98.3	102.8	106.9	

Source: CSO

Table 16.2 EU harmonised consumer price commodity group indices

Base year 2005=100

COICOP group	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Food and non-alcoholic beverages	87.6	90.3	96.2	99.5	101.0	100.7	100.0	101.4	104.2	111.0
Alcoholic beverages and tobacco	72.2	80.8	82.8	87.4	96.0	99.4	100.0	101.1	106.5	111.6
Clothing and footwear	125.6	119.4	116.0	111.1	106.6	102.9	100.0	98.1	94.8	90.2
Housing, water, electricity gas and other fuels	70.2	76.5	81.0	84.3	87.9	91.2	100.0	107.4	115.5	122.2
Furnishings, household equipment and routine household maintenance	95.6	99.5	102.7	104.1	103.4	101.5	100.0	98.7	97.0	95.5
Health	66.2	70.3	75.0	82.5	88.8	94.1	100.0	104.4	107.5	113.9
Transport	82.0	89.1	87.4	90.1	92.7	96.4	100.0	103.6	106.0	109.2
Communications	105.8	102.6	94.1	96.1	97.5	100.1	100.0	99.5	100.0	100.9
Recreation and culture	82.1	85.1	89.3	94.9	98.8	100.0	100.0	101.3	102.8	104.2
Education	64.8	69.1	74.1	81.7	89.1	94.4	100.0	104.9	110.2	116.9
Restaurants and hotels	73.1	77.2	81.7	87.6	93.1	96.8	100.0	103.9	108.3	111.7
Miscellaneous goods and services	75.6	79.6	84.8	91.3	96.0	98.1	100.0	102.7	105.2	107.9
HICP	80.2	84.5	87.8	92.0	95.7	97.9	100.0	102.7	105.6	108.9

Source: CSO

Prices

Table 16.3 National average prices

€

Item	Unit	2003	2004	2005	2006	2007	2008
Beef							
Round steak	kg	8.786	9.037	8.669	9.034	9.453	10.341
Sirloin steak	kg	12.700	12.884	11.846	12.971	14.281	15.260
Striploin steak	kg	17.915	18.618	17.680	19.337	20.631	22.854
Roast Beef - topside/rib	kg	8.582	8.738	8.461	8.994	9.589	10.583
Sliced/Diced beef pieces	kg	7.412	7.541	7.641	8.005	8.523	9.263
Mutton/lamb							
Whole leg	kg	9.929	10.565	9.946	10.309	10.471	11.455
Loin chops	kg	16.064	16.039	15.439	16.419	16.964	18.088
Gigot chops	kg	9.766	10.233	9.964	10.137	10.418	11.698
Lamb pieces incl neck	kg	7.129	8.649	9.180	9.524	9.635	10.342
Liver	kg	5.449	5.548	5.474	5.379	5.354	5.441
Pork							
Fillet/Half leg	kg	6.657	6.970	6.714	6.807	n/a	n/a
Roast loin	kg	9.082	9.154	9.133	8.772	8.712	8.602
Loin chops	kg	9.003	9.179	8.930	8.828	8.985	8.802
Steak	kg	11.639	11.852	11.446	11.845	11.832	12.268
Bacon							
Best back rashers	kg	10.884	11.011	11.188	11.491	11.347	11.738
Ham fillet	kg	9.111	8.501	8.227	7.982	7.851	7.678
Collar	kg	5.995	5.979	5.965	6.128	6.061	5.868
Other Meat							
Cooked ham	kg	14.708	15.363	15.928	16.240	16.779	18.277
Pork sausages	kg	4.727	4.906	5.336	5.520	5.619	5.948
Poultry							
Uncooked chicken, med size	1.6 kg	n/a	n/a	n/a	n/a	5.851	7.119
Fish							
Fillets of whiting	kg	8.869	9.138	7.744	8.582	9.614	9.781
Cod cutlets	kg	14.471	15.021	13.944	15.586	17.758	19.456
Salmon steak	kg	12.355	12.392	12.471	14.376	15.968	16.326
Fillets of plaice	kg	16.308	16.349	16.154	17.306	18.249	18.357
Smoked salmon	kg	22.857	23.310	23.919	27.908	28.392	28.584
Vegetables							
Potatoes	2.5 kg	3.352	3.309	3.323	3.581	3.778	3.730
Potatoes	10 kg	6.621	5.781	5.340	7.075	7.611	6.938
Tomatoes	kg	2.568	2.446	2.516	2.589	2.718	2.791
Onions	kg	1.329	1.264	1.274	1.195	1.440	1.419
Broccoli	kg	3.409	3.326	3.578	3.478	4.125	4.501
Carrots	kg	1.305	1.108	1.191	1.273	1.295	1.339
Mushrooms	kg	4.122	4.196	4.109	4.084	4.369	4.751
Tinned vegetables							
Tomatoes	400g	n/a	n/a	n/a	n/a	0.680	0.805
Fruit							
Grapes	kg	4.604	4.832	5.414	5.470	6.220	6.437
Bananas	kg	1.510	1.382	1.357	1.350	1.452	1.477

Table 16.3 National average prices (continued)

€							
Item	Unit	2003	2004	2005	2006	2007	2008
Dairy products							
Milk fresh pasteurised	litre	0.855	0.852	0.849	0.852	0.907	1.113
Milk fresh pasteurised	2 litre	n/a	n/a	n/a	n/a	1.601	2.003
Irish cheddar	kg	9.133	9.348	9.488	9.797	9.821	11.660
Butter	lb	1.943	1.853	1.816	1.799	1.895	2.326
Eggs							
Large (size 2)	Half dozen	n/a	n/a	n/a	n/a	1.622	1.824
Standard (size 3)	Half dozen	n/a	n/a	n/a	n/a	1.446	1.607
Large (size 2)	Dozen	2.520	2.620	2.768	2.850	n/a	n/a
Standard (size 3)	Dozen	2.145	2.134	2.231	2.297	n/a	n/a
Bread							
White, sliced (large)	800g	1.061	1.101	1.098	1.117	1.191	1.408
Brown, sliced (large)	800g	1.194	1.236	1.250	1.289	1.423	1.704
Flour							
White, plain	2kg	1.269	1.339	1.355	1.355	n/a	n/a
White, self-raising	2kg	1.279	1.362	1.376	1.353	1.520	2.062
Brown, wholemeal	2kg	1.300	1.406	1.437	1.467	1.682	2.224
Sugar							
White granulated	kg	1.106	1.094	1.079	1.073	1.047	1.030
Tea							
Bags	80	2.457	2.428	2.511	2.534	2.516	2.710
Pasta							
Spaghetti	500g	0.971	1.002	0.974	0.935	0.948	1.208
Preserves							
Jam	1 lb	1.589	1.615	1.623	1.620	1.577	1.852
Marmalade	1 lb	1.576	1.605	1.662	1.718	1.756	2.006
Juice							
Orange juice	1 litre	1.556	1.554	1.541	1.546	1.648	1.741
Drink Taken Home							
Stout (6-pack)	6 x 250ml	6.486	6.533	6.502	6.603	6.584	6.521
Lager, single can	500ml	1.767	1.717	1.737	1.689	1.669	1.753
Lager, tray	12 x 330ml	n/a	n/a	n/a	n/a	14.354	15.528
Cider, can	500ml	2.058	2.074	2.103	2.147	2.190	2.236
Whiskey, bottle	70cl	23.655	23.915	24.028	24.068	24.543	25.191
Brandy, bottle	70cl	29.219	29.610	29.603	29.573	29.430	29.818
Vodka, bottle	70cl	20.730	20.896	20.642	20.591	20.852	21.118
Cream liqueur, bottle	70cl	17.799	17.860	17.647	17.450	17.055	17.326
Flavoured alcopops	275cl	n/a	n/a	n/a	n/a	2.681	2.627
Sherry, bottle	75cl	11.450	11.563	11.627	11.644	11.320	11.840
Wine, fine quality	75cl	15.036	15.314	15.449	16.020	n/a	n/a
Wine, table	75cl	9.075	9.236	9.078	8.951	8.906	9.009

Prices

Table 16.3 National average prices (continued)

€

Item	Unit	2003	2004	2005	2006	2007	2008
Drinks Out							
Draught stout	1 pint	3.384	3.491	3.588	3.693	3.811	3.985
Draught lager	½ pint	2.233	2.274	2.327	2.391	2.472	2.553
Draught lager	1 pint	3.756	3.866	3.949	4.070	4.210	4.388
Bottled lager	330ml	3.801	3.895	3.967	4.089	4.235	4.393
Draught ale	1 pint	3.434	3.547	3.636	3.744	3.867	4.042
Draught cider	1 pint	n/a	n/a	n/a	n/a	4.389	4.562
Bottled cider	330ml	3.988	4.082	4.172	4.248	4.376	4.542
Flavoured alcopops	275ml	n/a	n/a	n/a	n/a	5.174	5.311
Whiskey, single measure	½ glass	3.232	3.314	3.363	3.432	3.554	3.714
Brandy, single measure	½ glass	3.776	3.879	3.936	4.001	4.122	4.280
Vodka, single measure	½ glass	3.274	3.357	3.412	3.485	3.612	3.783
Wine, ¼ bottle	187 ml	n/a	n/a	n/a	n/a	4.654	4.831
Tobacco							
Filter tipped, standard size	20	5.802	6.138	6.206	6.366	6.981	7.474
Entertainment							
Cinema	fee	6.770	7.165	7.552	7.867	8.405	8.658
Club/Disco	fee	9.405	10.032	10.534	10.868	9.821	10.330
Hairdressing							
Gents' haircut, dry cut	fee	10.373	10.903	11.645	12.035	12.608	13.270
Gents' wash, cut and blow dry	fee	n/a	n/a	n/a	n/a	20.574	21.393
Ladies' wash, cut and blow dry	fee	28.229	30.301	32.514	34.352	37.142	39.305
Motor Fuel							
Unleaded petrol	1 litre	0.874	0.956	1.039	1.110	1.127	1.212
Autodiesel	1 litre	0.811	0.896	1.027	1.081	1.086	1.257

Source: CSO

Table 16.4 Industrial producer price indices (excluding VAT)

Base year 2000=100

Industrial sector	NACE Code	2000	2002	2003	2004	2005	2006	2007	2008
Food Products	151-158	100.0	103.3	98.8	101.3	105.9	109.3	113.1	118.8
Meat and meat products	151	100.0	102.8	100.6	107.7	112.2	120.8	124.7	135.0
Fish and fish products	152	100.0	115.1	104.7	101.8	110.9	127.6	132.9	137.7
Fruit and vegetables	153	100.0	112.6	121.9	128.0	127.4	128.5	132.2	135.7
Dairy products	155	100.0	97.7	95.8	97.0	98.2	98.5	107.5	107.0
Grain milling, starches and animal feeds	156,157	100.0	104.6	104.6	110.3	108.1	109.4	116.7	131.6
Other food products	158	100.0	106.2	97.9	98.2	105.4	107.2	107.5	112.8
Bread and flour confectionery	1581-1582	100.0	106.8	106.7	109.8	112.3	112.8	118.5	131.3
Sugar, cocoa, chocolate and sugar confectionery	1583-1584	100.0	100.4	101.5	101.3	101.4	102.9	103.5	110.4
Beverages	159	100.0	106.2	108.7	109.3	111.2	113.3	115.8	117.5
Tobacco products	16	100.0	108.0	118.4	125.9	127.4	129.8	137.0	147.9
Textiles	17	100.0	102.2	99.6	99.8	105.9	108.7	109.5	109.3
Wearing apparel; dressing and dyeing of fur	18	100.0	102.2	96.7	95.0	93.4	94.4	94.2	86.5
Leather and leather products (incl footwear)	19	100.0	104.0	103.5	101.7	101.9	99.2	97.8	97.9
Wood and wood products	20	100.0	100.1	102.1	99.4	98.1	100.3	108.7	112.9
Pulp, paper and paper products	21	100.0	103.7	104.1	104.2	104.5	105.3	106.1	105.1
Pulp, paper and paper products; publishing, printing and reproduction of recorded media	21,22	100.0	105.1	105.5	106.5	107.6	110.0	111.8	112.3
Chemicals, chemical products and man-made fibres	24	100.0	105.5	94.9	93.3	96.0	97.3	96.3	94.7
Basic chemicals	241	100.0	115.0	102.4	99.1	99.9	99.5	98.7	96.4
Pharmaceuticals and other chemical products (incl man-made fibres)	243-247	100.0	95.4	89.9	92.2	99.9	105.8	104.2	104.1
Rubber and plastic products	25	100.0	102.8	102.9	102.3	104.4	107.4	109.8	110.6
Other non-metallic mineral products	26	100.0	108.0	107.9	107.2	111.5	116.3	120.0	122.1
Basic metals	27	100.0	91.8	83.6	91.1	100.0	119.8	129.0	134.8
Fabricated metal products, except machinery and equipment	28	100.0	102.0	100.1	105.8	113.3	115.2	116.6	120.7
Machinery and equipment, not elsewhere classified	29	100.0	101.7	98.6	98.6	100.3	101.4	103.1	105.7
Office machinery and computers	300	100.0	85.3	69.3	61.5	55.1	51.4	45.4	40.1
Electrical machinery and communication equipment	31,32	100.0	95.5	86.5	85.2	83.3	83.6	81.6	78.8
Electrical machinery and apparatus, not elsewhere classified	31	100.0	102.5	97.3	96.1	92.5	94.0	90.6	86.6
Radio, television and communication equipment	32	100.0	88.9	78.6	77.4	76.2	76.1	74.6	72.4
Medical, precision and optical instruments, watches and clocks	33	100.0	100.4	94.4	91.3	91.5	98.7	93.5	91.0
Motor vehicles, trailers and semi-trailers	34	100.0	106.5	107.2	107.7	108.3	108.7	109.3	109.6
Furniture and manufacturing not elsewhere classified	36	100.0	106.4	107.6	110.1	111.2	112.9	113.4	112.5
Mining and quarrying	10-14	100.0	103.1	103.5	108.8	123.6	163.3	163.0	144.2
Total manufacturing industries		100.0	100.5	92.4	90.2	90.1	90.7	89.2	88.2
Total transportable goods industries		100.0	100.5	92.5	90.3	90.4	91.4	89.9	88.6

Source: CSO

Table 16.4a Industrial producer price indices (excluding VAT) (excluding NACE 300 – office machinery and computers)

Base year 2000=100

Industrial sector	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total manufacturing industries	100.0	102.5	102.5	95.9	95.6	97.8	99.9	100.0	100.5
Total transportable goods industries	100.0	102.5	102.5	95.9	95.7	98.1	100.6	100.7	100.9

Source: CSO

Prices

Table 16.5 General wholesale price index (excluding VAT)

Base year 2000=100

Description	2000	2001	2002	2003	2004	2005	2006	2007
General wholesale price index	100.0	102.9	103.1	97.4	99.0	101.2	103.5	104.3

Source: CSO

Table 16.6 Wholesale price indices (excluding VAT) for building and construction materials

Base year 2000=100

Materials	2000	2001	2002	2003	2004	2005	2006	2007	2008
Stone, sand and gravel	100.0	113.3	121.3	125.8	128.7	139.1	151.8	161.4	178.1
Cement	100.0	100.0	102.9	103.2	105.7	113.5	115.6	126.7	134.2
Ready mixed mortar and concrete	100.0	106.8	112.0	112.3	109.8	112.2	118.3	122.4	126.4
Concrete blocks and bricks	100.0	105.2	111.1	112.0	111.0	115.4	129.3	131.2	130.4
Other concrete products	100.0	104.1	106.3	107.3	110.0	117.0	124.3	129.0	124.6
Structural steel and reinforcing metal	100.0	104.2	104.2	105.4	145.8	156.0	154.3	162.0	187.7
<i>of which</i>									
Structural steel	100.0	104.8	104.0	103.9	147.3	159.4	158.0	167.6	192.5
Reinforcing metal	100.0	103.7	104.4	107.2	142.7	149.7	147.6	152.5	179.2
Rough timber (including plain sawn)	100.0	99.3	97.6	101.1	100.0	101.7	104.0	112.3	109.1
Other timber (including joinery)	100.0	103.7	105.1	108.3	109.4	110.1	110.4	115.9	120.9
Bituminous macadam, asphalt and bituminous emulsions	100.0	106.0	110.4	116.0	121.9	129.2	150.1	164.3	174.6
<i>of which</i>									
Bituminous macadam and asphalt	100.0	110.8	114.2	119.1	125.5	132.6	154.1	168.9	178.8
Bituminous emulsions	100.0	100.6	106.2	117.2	116.1	131.9	150.5	159.6	188.8
Electrical fittings	100.0	97.6	96.0	88.8	101.4	109.1	127.2	132.9	133.6
All other materials	100.0	107.5	111.5	115.0	122.7	128.2	142.5	152.1	154.2
All materials	100.0	105.0	108.0	108.8	118.2	124.2	134.5	141.6	147.1

Source: CSO

Table 16.7 Capital goods price indices (excluding VAT)

Base year 2000=100

Capital goods	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transportable capital for use in									
Agriculture	100.0	101.3	103.0	104.0	104.3	105.7	106.7	108.4	111.7
Industry	100.0	102.2	103.2	103.3	103.5	104.2	105.2	105.3	106.9
of which									
Private vehicles	100.0	100.7	102.6	104.0	105.8	106.4	107.4	108.3	108.6
Commercial vehicles	100.0	101.7	103.1	104.4	104.1	104.2	104.1	104.4	105.0
Agriculture and industry	100.0	101.9	103.1	103.4	103.6	104.4	105.4	105.7	107.5
Other sectors	100.0	102.3	104.2	104.7	105.2	105.9	106.8	107.1	108.4
Total transportable capital	100.0	102.1	103.7	104.1	104.5	105.2	106.1	106.4	108.0
Building and construction (ie materials and wages)	100.0	112.8	120.4	123.4	131.8	137.9	147.4	154.1	159.9
All capital goods	100.0	108.9	114.3	116.4	121.9	126.1	132.5	137.0	141.3

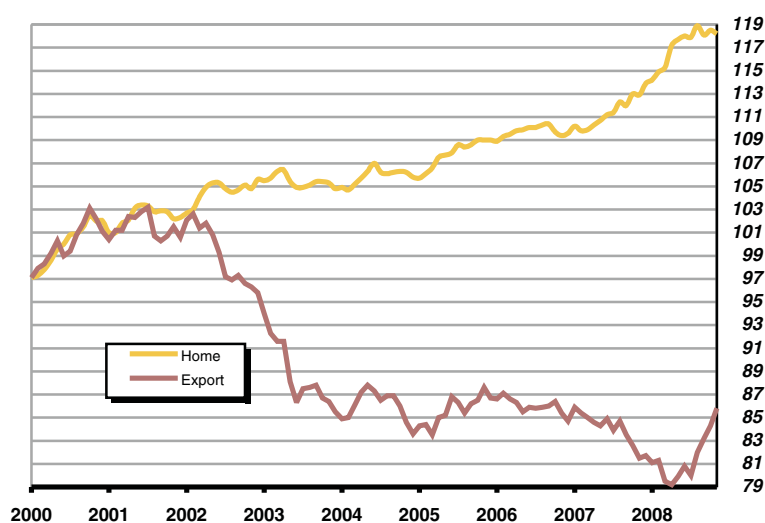
Source: CSO

Table 16.8 Wholesale price indices (excluding VAT) for energy products (ie fuels purchased by manufacturing industry)

Base year 2000=100

Energy fuels	2000	2001	2002	2003	2004	2005	2006	2007	2008
Petrol	100.0	96.6	100.3	102.6	113.8	125.2	135.2	140.8	153.1
Autodiesel	100.0	88.0	92.5	97.5	110.8	128.5	136.3	140.5	162.6
Gas oil (other than autodiesel)	100.0	96.5	90.7	96.5	107.1	137.6	152.6	153.7	192.0
Fuel oil	100.0	97.2	98.1	103.7	102.6	129.7	148.4	155.5	192.6
Electricity	100.0	103.4	113.5	120.4	129.6	144.8	155.1	173.0	177.2
Petroleum fuels	100.0	94.2	94.1	99.5	105.2	127.7	141.8	147.1	176.6
Energy products	100.0	99.8	105.9	112.5	120.6	137.7	149.0	163.0	174.4

Source: CSO

Manufacturing industries: output price indices for home and export salesBase year
2000 = 100

Prices

Table 16.9 Average house (including apartment) prices from 1970 to date

€

Year	Average price of new houses		Average price of second-hand houses	
	Dublin	State	Dublin	State
1970	7,051	6,692	6,603	n/a
1971	7,913	7,523	7,618	n/a
1972	8,528	8,249	8,888	n/a
1973	9,206	9,009	9,828	n/a
1974	10,943	10,836	11,777	11,817
1975	13,137	13,254	12,774	12,478
1976	15,342	15,564	15,850	15,303
1977	19,055	18,754	18,778	17,925
1978	25,745	24,082	22,920	21,895
1979	32,005	29,387	30,092	27,598
1980	37,822	34,967	34,129	30,927
1981	44,456	40,167	42,193	37,394
1982	48,886	44,060	45,912	40,308
1983	48,169	44,448	48,249	43,204
1984	48,819	45,419	50,936	45,208
1985	49,166	46,542	50,382	45,608
1986	50,891	48,256	51,450	47,082
1987	50,864	48,151	49,139	46,330
1988	57,994	52,450	54,077	50,501
1989	68,393	58,178	63,148	54,586
1990	80,749	65,541	74,833	62,387
1991	78,715	66,914	76,075	64,122
1992	79,200	69,264	77,490	65,331
1993	75,539	69,883	76,814	66,736
1994	81,993	72,732	82,772	69,877
1995	86,671	77,994	88,939	74,313
1996	97,058	87,202	104,431	85,629
1997	122,036	102,222	131,258	102,712
1998	160,699	125,302	176,420	134,529
1999	193,526	148,521	210,610	163,316
2000	221,724	169,191	247,039	190,550
2001	243,095	182,863	267,939	206,117
2002	256,109	198,087	297,424	227,799
2003	291,646	224,567	355,451	264,898
2004	322,628	249,191	389,791	294,667
2005	350,891	276,221	438,790	330,399
2006	405,957	305,637	512,461	371,447
2007	416,225	322,634	495,576	377,850
2008	370,495	305,269	444,207	348,804

Source: Department of Environment, Heritage and Local Government

Table 16.10 New house prices

€

Area	Year	Average price of new houses for which loans were approved by:		
		All lending agencies	Banks and building societies	Local authorities
State	2002	198,087	199,050	133,421
	2003	224,567	225,759	143,400
	2004	249,191	249,863	148,182
	2005	276,221	276,887	175,617
	2006	305,637	306,424	178,480
	2007	322,634	323,196	189,825
	2008	305,269	305,617	185,811
Cork	2002	184,369	184,898	133,149
	2003	211,980	213,182	139,817
	2004	237,858	238,263	157,254
	2005	265,644	266,196	174,827
	2006	305,015	305,264	175,360
	2007	325,453	325,502	233,500
	2008	314,276	314,445	195,833
Dublin	2002	256,109	257,243	170,543
	2003	291,646	295,441	161,563
	2004	322,628	323,788	177,490
	2005	350,891	352,258	204,162
	2006	405,957	406,763	217,508
	2007	416,225	417,673	214,754
	2008	370,495	370,852	239,269
Galway	2002	187,607	188,267	117,709
	2003	223,388	224,099	117,737
	2004	242,218	242,955	112,706
	2005	274,905	275,291	144,725
	2006	286,176	286,286	95,000
	2007	300,750	300,856	188,500
	2008	292,777	292,841	213,250
Limerick	2002	168,574	169,028	122,293
	2003	197,672	198,194	118,644
	2004	210,868	211,061	148,150
	2005	226,393	226,548	98,333
	2006	275,411	275,603	135,000
	2007	288,202	288,202	–
	2008	276,719	276,892	110,000
Waterford	2002	167,272	168,164	129,051
	2003	195,173	196,412	139,470
	2004	220,286	221,478	143,996
	2005	246,914	247,334	158,336
	2006	271,521	272,047	169,386
	2007	292,057	292,428	174,000
	2008	288,478	288,656	199,950
Other areas	2002	179,936	180,917	122,438
	2003	203,125	203,862	126,076
	2004	228,057	228,636	136,639
	2005	254,006	254,601	162,921
	2006	276,570	277,476	173,295
	2007	296,605	297,153	176,241
	2008	282,677	283,085	170,460

Source: Department of Environment, Heritage and Local Government

Prices

Table 16.11 Second-hand house prices

€

Area	Year	Average price of second-hand houses for which loans were approved by:		
		All lending agencies	Banks and building societies	Local authorities
State	2002	227,799	230,047	141,369
	2003	264,898	266,104	149,428
	2004	294,667	296,363	161,625
	2005	330,399	331,810	176,522
	2006	371,447	372,140	175,695
	2007	377,850	378,312	206,420
	2008	348,804	349,367	223,744
	Cork	2002	200,155	201,723
2003		240,444	241,081	138,092
2004		273,605	274,769	160,331
2005		307,007	307,657	186,079
2006		353,104	353,300	184,834
2007		368,523	368,652	209,000
2008		340,467	340,521	250,250
Dublin		2002	297,424	302,375
	2003	355,451	357,882	188,973
	2004	389,791	392,920	198,356
	2005	438,790	441,539	214,710
	2006	512,461	512,901	251,500
	2007	495,576	496,310	253,781
	2008	444,207	445,800	259,390
	Galway	2002	206,571	207,376
2003		249,404	249,815	97,585
2004		278,813	279,859	112,163
2005		317,811	318,353	126,210
2006		336,948	337,102	191,167
2007		344,958	345,137	152,500
2008		333,778	333,778	–
Limerick		2002	172,273	173,443
	2003	201,477	202,185	110,222
	2004	218,869	219,681	109,941
	2005	232,271	233,412	115,980
	2006	257,958	258,472	96,000
	2007	273,640	273,825	150,767
	2008	259,997	260,995	112,750
	Waterford	2002	170,342	171,770
2003		201,871	203,094	126,883
2004		220,029	221,576	129,724
2005		252,765	254,880	146,535
2006		282,998	284,182	152,322
2007		287,483	288,153	166,000
2008		286,310	286,992	171,500
Other areas		2002	192,301	193,966
	2003	218,061	219,023	114,664
	2004	235,829	237,049	127,736
	2005	263,653	264,588	138,929
	2006	294,021	294,719	164,628
	2007	313,487	313,885	180,271
	2008	298,235	298,596	176,897

Source: Department of Environment, Heritage and Local Government

Table 16.12 New house prices (excluding apartments)

€

Area	Year	Average price of new houses for which loans were approved by:		
		All lending agencies	Banks and building societies	Local authorities
State	2002	194,835	195,801	127,215
	2003	220,573	221,602	135,615
	2004	244,852	245,468	139,210
	2005	272,034	272,679	167,986
	2006	297,476	298,342	172,341
	2007	320,788	321,379	178,665
	2008	304,763	305,148	176,649
Cork	2002	184,884	185,434	133,414
	2003	210,733	211,997	139,817
	2004	236,076	236,481	158,692
	2005	264,719	265,347	174,827
	2006	298,122	298,398	175,360
	2007	326,765	326,821	233,500
	2008	316,177	316,361	195,833
Dublin	2002	259,381	259,939	168,771
	2003	302,270	304,696	158,345
	2004	343,251	343,451	182,279
	2005	386,089	387,275	201,513
	2006	473,634	474,089	181,200
	2007	484,926	487,193	184,739
	2008	426,861	427,164	240,000
Galway	2002	187,194	187,914	115,110
	2003	222,578	223,358	117,737
	2004	241,545	242,364	112,706
	2005	274,745	275,131	143,139
	2006	287,103	287,233	95,000
	2007	302,208	302,326	188,500
	2008	296,948	297,021	213,250
Limerick	2002	169,577	170,037	124,131
	2003	193,854	194,430	118,644
	2004	209,850	210,068	148,150
	2005	226,773	226,849	147,500
	2006	282,309	282,549	135,000
	2007	290,670	290,670	–
	2008	278,680	278,868	110,000
Waterford	2002	169,681	170,709	129,051
	2003	193,642	194,770	141,299
	2004	218,447	219,737	143,996
	2005	245,315	245,765	158,336
	2006	270,108	270,693	169,386
	2007	295,397	295,811	174,000
	2008	294,960	295,167	199,950
Other areas	2002	179,988	181,010	122,569
	2003	203,421	204,202	125,668
	2004	228,974	229,573	136,351
	2005	255,730	256,364	162,415
	2006	278,756	279,769	173,217
	2007	299,884	300,488	176,062
	2008	286,100	286,547	171,175

Source: Department of Environment, Heritage and Local Government

