

16

Prices

- The annual average rate of inflation for 2011 was +2.6%, up from -1.0% in 2010.
- The Housing, water, electricity, gas and other fuels sector experienced the largest increase in 2011 at +9.7%.
- Consumer prices for energy products increased by 11.9% in 2011.
- In 2011, Services as measured by the Consumer Price Index increased by 3.6% while the corresponding rate for Goods was +1.2%.
- The national Residential Property Price Index fell by 13.2% in 2011.
- Overall, Producer prices increased by 0.5% in 2011.
- Building and construction material prices increased by 2.6% in 2011.
- The price of Petroleum fuels increased by 12.7% in 2011.

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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 616 item headings in a fixed panel of retail and service outlets throughout the country over a period of more than one week, ie Monday prior to the second Tuesday of the month up to and including the third Tuesday of the 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 (Base: Mid-December 2006=100) for the All Items CPI, twelve COICOP commodity groups, Energy Products, Goods, Services and three other special aggregates for the period 2002 to 2011. Over this period, the All Items CPI increased by 19.3%.

Over 21% of the weight of the basket of goods and services showed increases of 40% or more while only 9.8% showed decreases in the period 2002 to 2011. The large increases were in *Education* (+63.3%), *Housing, water, electricity, gas and other fuels* (+52.0%), *Health* (+48.7%), *Alcoholic beverages and tobacco* (+32.2%), *Miscellaneous goods and services* (+26.6%), *Transport* (+24.5%) and *Restaurants and hotels* (+23.3%). *Clothing and footwear* decreased by 36.2% while *Furnishings, household equipment and routine household maintenance* decreased by 16.8% over the same period. The period 2010 to 2011 showed an annual percentage change of +2.6%. The largest increase was recorded for *Housing, water, electricity, gas and other fuels* (+9.7%). The period 2006 to 2007 showed the largest annual percentage change (+4.9%).

The cost of *Services* increased by 34.7% in the period 2002 to 2011 while the corresponding rate for *Goods* was +3.5%.

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 on holidays in Ireland was included in order to comply with the harmonised geographic and population coverage specified in Council Regulation (EC) 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 include hotels; cafes and restaurants; alcoholic drink; tobacco; gifts; motor fuel; public transport; entertainment and recreation. 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 (Base: Year 2005=100) for the HICP and twelve internationally defined COICOP commodity groups for the period 2002 to 2011. Over this period, the HICP increased by 15.9%. The most notable increases were in *Education* (+63.0%); *Health* (+48.7%); *Housing, water, electricity, gas and other fuels* (+36.7%); *Alcoholic beverages and tobacco* (+32.2%); *Miscellaneous goods and services* (+27.5%); *Transport* (+23.8%) and *Restaurants and hotels* (+23.2%). The largest decreases, in the same period, were in *Clothing and footwear* (-36.3%) and *Furnishings, household equipment and routine household maintenance* (-16.7%). The period 2002 to 2003 showed the largest annual percentage change (+4.0%).

Wholesale Price Index (WPI)

The WPI series with base 2005 as 100 was introduced in June 2010. 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 **Producer Price Index** (PPI) distinguishes 27 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 2005 levels from a number of sources, notably the 2005 Census of Industrial Production, 2005 Prodcom Inquiry and National Accounts data.

The classification system of industrial sectors is NACE Rev. 2. Commodity groupings are based on the EU Prodcom coding system, which is directly linked to tariff codes.

Table 16.4 shows the index numbers for the PPI and the major sectors of the manufacturing industry for the period 2005 to 2011. Increases were recorded in all but

six of the published sectors over this period. The most notable increases were in *Vegetable and animal oils and fats* (+47.4%) and *Fish and fish products* (+31.2%). The most notable decrease was in *Computer, electronic and optical products* (-19.5%). Between 2005 and 2011, the index for total manufacturing industries decreased by 1.9%, while the index for total transportable goods industries also decreased by 1.9%.

In the **Building and construction materials** sector, indices are published for 11 separate categories of materials (for some categories detailed subcategories are also published), 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.

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 2005 weights for the capital goods indices are based on the provisional estimates of the value of fixed capital formation used in the 2005 National Income and Expenditure Accounts. Table 16.6 shows the index numbers at the overall capital goods level as well as the major sectors in this area for the period 2005 to 2011. Over this period, five of the indices decreased. The most notable decrease was in Transportable capital for use in industry (-3.6%). The overall index for capital goods rose by 9.6%.

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 2005 Census of Industrial Production. Table 16.7 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 2005 to 2011. Over the period 2005 to 2011, all the indices increased. Overall, Petroleum fuels rose by 58.3% and Energy products increased by 28.7%.

Residential Property Price Index (RPPI)

The Residential Property Price Index (RPPI) measures the change in the average level of prices paid for residential properties sold in Ireland. The index is mix-adjusted to allow for the fact that different types of property are sold in different periods. The rolling year hedonic regression model is used for mix-adjustment.

The RPPI is compiled using data on mortgage drawdowns provided on a monthly basis by eight of the main Mortgage Lending Institutions under Section 13 of the Housing Act (2002).

The index is an annual chain-linked Laspeyres-type index. It is calculated by updating the previous month's weights by the estimated monthly changes in their average prices. Weights are calculated at the beginning of each year based on the value of transactions during the previous year as given by the mortgage drawdown data.

Table 16.9 shows that apartments, both nationally and in Dublin recorded the largest annual price falls in 2011 at 16.3% and 15.5% respectively. House prices in Dublin recorded an annual decrease of 13.7% while the decline for houses nationally excluding Dublin was lower at 12.5%. Overall, the national index fell by 13.2%.

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 (2000), the Classification of Individual Consumption by Purpose Adapted to the Needs of Harmonised Indices of Consumer Prices (2000). 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 regarding 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. 2: Statistical classification of economic activities in the European Community.

Table 16.4

Total manufacturing industries excludes Mining and quarrying.

Table 16.6

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

Table 16.7

Petroleum fuels comprise Energy products excluding electricity.

Prices

Table 16.1 COICOP divisions, all items consumer price indices and special aggregates

Base Mid-December 2006=100

COICOP division	Mid-December 2006		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
	% Base	Expenditure Weights										
Food and non-alcoholic beverages	11.742	97.9	99.4	99.1	98.4	99.8	102.6	109.3	105.5	100.7	101.8	
Alcoholic beverages and tobacco	6.048	83.3	91.6	94.8	95.3	96.4	101.5	106.4	113.1	110.2	110.1	
Clothing and footwear	5.416	110.1	105.7	101.9	99.1	97.2	94.0	89.4	78.9	71.5	70.2	
Housing, water, electricity, gas and other fuels	16.509	68.7	68.3	71.2	78.7	91.3	109.9	120.5	94.0	95.2	104.4	
Furnishings, household equipment and routine household maintenance	4.422	105.4	104.6	102.7	101.2	99.9	98.2	96.6	93.6	89.8	87.7	
Health	3.154	78.3	84.3	89.3	94.9	99.1	102.0	108.1	111.9	112.6	116.4	
Transport	13.293	88.2	91.2	94.9	98.2	101.6	103.8	107.3	103.0	106.2	109.8	
Communications	3.418	96.5	97.9	100.6	100.4	99.9	100.4	101.4	101.9	103.3	105.7	
Recreation and culture	10.104	93.0	96.8	97.9	97.9	99.2	100.7	102.0	101.7	99.9	99.1	
Education	2.043	75.4	82.3	87.2	92.4	96.9	101.8	108.0	114.9	122.2	123.1	
Restaurants and hotels	15.425	83.3	88.6	92.1	95.2	98.9	103.0	106.2	106.2	103.4	102.7	
Miscellaneous goods and services	8.426	94.0	98.4	97.9	97.8	99.3	100.3	102.7	110.5	111.7	119.0	
All items CPI	100.000	87.0	90.1	92.0	94.3	98.0	102.8	107.0	102.2	101.2	103.8	
Energy products	7.765	73.7	76.7	83.2	93.7	101.4	106.1	115.4	106.3	116.5	130.4	
Goods	47.080	94.9	96.8	97.7	98.4	99.7	100.7	103.7	99.2	97.0	98.2	
Services	52.920	80.8	84.7	87.5	91.0	96.6	104.7	109.9	104.8	105.0	108.8	
CPI excluding Mortgage Interest	93.339	89.1	92.8	94.7	96.5	99.0	101.7	104.9	103.6	102.2	103.8	
CPI excluding Energy Products	92.235	88.1	91.2	92.8	94.3	97.7	102.5	106.2	101.8	99.9	101.6	
CPI excluding Tobacco	96.824	87.6	90.3	92.2	94.5	98.3	102.8	106.9	101.6	100.5	103.2	

Source: CSO

Table 16.2 COICOP divisions and all items EU harmonised consumer price indices

Base year 2005=100

COICOP division	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Food and non-alcoholic beverages	99.5	101.0	100.7	100.0	101.4	104.2	111.0	107.2	102.3	103.5
Alcoholic beverages and tobacco	87.4	96.0	99.4	100.0	101.1	106.5	111.6	118.7	115.6	115.5
Clothing and footwear	111.1	106.6	102.9	100.0	98.1	94.8	90.2	79.6	72.1	70.8
Housing, water, electricity gas and other fuels	84.3	87.9	91.2	100.0	107.4	115.5	122.2	112.9	111.2	115.2
Furnishings, household equipment and routine household maintenance	104.1	103.4	101.5	100.0	98.7	97.0	95.5	92.5	88.8	86.7
Health	82.5	88.8	94.1	100.0	104.4	107.5	113.9	118.0	118.7	122.7
Transport	90.1	92.7	96.4	100.0	103.6	106.0	109.2	104.2	107.7	111.5
Communications	96.1	97.5	100.1	100.0	99.5	100.0	100.9	101.4	102.8	105.2
Recreation and culture	94.9	98.8	100.0	100.0	101.3	102.8	104.2	103.8	102.0	101.2
Education	81.7	89.1	94.4	100.0	104.9	110.2	116.9	124.4	132.3	133.2
Restaurants and hotels	87.6	93.1	96.8	100.0	103.9	108.3	111.7	111.6	108.7	107.9
Miscellaneous goods and services	91.3	96.0	98.1	100.0	102.7	105.2	107.9	112.7	111.6	116.4
All items HICP	92.0	95.7	97.9	100.0	102.7	105.6	108.9	107.1	105.4	106.6

Source: CSO

Table 16.3 National average prices

€							
Item	Unit	2006	2007	2008	2009	2010	2011
Beef							
Round steak	1 kg	9.034	9.453	10.341	10.394	10.296	10.487
Sirloin steak	1 kg	12.971	14.281	15.260	14.441	13.620	14.174
Striploin steak	1 kg	19.337	20.631	22.854	21.395	20.192	20.613
Roast Beef - topside/rib	1 kg	8.994	9.589	10.583	10.770	10.509	11.022
Sliced/Diced beef pieces	1 kg	8.005	8.523	9.263	9.376	9.088	9.218
Mutton/lamb							
Whole leg	1 kg	10.309	10.471	11.455	10.954	11.057	11.638
Loin chops	1 kg	16.419	16.964	18.088	17.400	17.421	18.071
Gigot chops	1 kg	10.137	10.418	11.698	11.600	11.830	12.534
Lamb pieces incl neck	1 kg	9.524	9.635	10.342	10.672	11.167	11.872
Liver	1 kg	5.379	5.354	5.441	5.416	5.352	5.587
Pork							
Roast loin	1 kg	8.772	8.712	8.602	8.561	7.912	7.668
Loin chops	1 kg	8.828	8.985	8.802	9.093	8.652	8.426
Steak	1 kg	11.845	11.832	12.268	10.549	9.854	9.325
Bacon							
Best back rashers	1 kg	11.491	11.347	11.738	12.085	11.491	11.372
Ham fillet	1 kg	7.982	7.851	7.678	7.314	6.541	6.243
Collar	1 kg	6.128	6.061	5.868	5.801	5.775	5.647
Other meat							
Cooked ham	1 kg	16.240	16.779	18.277	18.128	17.167	17.183
Pork sausages	1 kg	5.520	5.619	5.948	5.957	5.615	5.707
Poultry							
Uncooked chicken, med size	1.6 kg	n/a	5.851	7.119	6.455	5.486	5.840
Fish							
Fillets of whiting	1 kg	8.582	9.614	9.781	9.825	10.190	10.175
Cod fillets	1 kg	15.586	17.758	19.456	16.725	15.626	16.116
Salmon steak	1 kg	14.376	15.968	16.326	16.220	15.926	16.058
Fillets of plaice	1 kg	17.306	18.249	18.357	19.251	16.166	16.298
Smoked salmon	1 kg	27.908	28.392	28.584	29.467	27.840	27.920
Vegetables							
Potatoes	2.5 kg	3.581	3.778	3.730	3.374	3.263	3.183
Potatoes	10 kg	7.075	7.611	6.938	6.817	6.479	5.624
Tomatoes	1 kg	2.589	2.718	2.791	2.639	2.715	2.725
Onions	1 kg	1.195	1.440	1.419	1.364	1.247	1.276
Broccoli	1 kg	3.478	4.125	4.501	3.878	3.256	3.180
Carrots	1 kg	1.273	1.295	1.339	1.316	1.270	1.244
Mushrooms	1 kg	4.084	4.369	4.751	4.517	4.532	4.539
Tinned vegetables							
Tomatoes	400 g	n/a	0.680	0.805	0.907	0.903	0.903
Fruit							
Grapes	1 kg	5.470	6.220	6.437	5.869	5.816	6.067
Bananas	1 kg	1.350	1.452	1.477	1.372	1.192	1.334

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Table 16.3 National average prices (continued)

€

Item	Unit	2006	2007	2008	2009	2010	2011
Dairy products							
Milk fresh pasteurised, full fat	1 litre	0.852	0.907	1.113	1.117	1.110	1.106
Milk fresh pasteurised, full fat	2 litre	n/a	1.601	2.003	1.908	1.795	1.826
Irish cheddar	1 kg	9.797	9.821	11.660	11.871	11.402	11.573
Butter	1 lb	1.799	1.895	2.326	2.314	2.372	2.673
Eggs							
Large (size 2)	½ doz	n/a	1.622	1.824	1.815	1.764	1.847
Standard (size 3)	½ doz	n/a	1.446	1.607	1.565	1.573	1.644
Bread							
White, sliced (large)	800 g	1.117	1.191	1.408	1.368	1.327	1.391
Brown, sliced (large)	800 g	1.289	1.423	1.704	1.678	1.650	1.715
Flour							
White, self-raising	2 kg	1.353	1.520	2.062	1.914	2.029	2.238
Brown, wholemeal	2 kg	1.467	1.682	2.224	2.216	2.329	2.557
Sugar							
White granulated	1 kg	1.073	1.047	1.030	0.998	0.973	1.099
Tea							
Bags	80	2.534	2.516	2.710	2.764	2.779	2.911
Pasta							
Spaghetti	500 g	0.935	0.948	1.208	1.183	1.206	1.272
Preserves							
Jam	1 lb	1.620	1.577	1.852	1.797	1.815	1.876
Marmalade	1 lb	1.718	1.756	2.006	1.977	1.933	1.987
Juice							
Orange juice	1 litre	1.546	1.648	1.741	1.545	1.334	1.440
Drink taken home							
Stout (6-pack)	6 x 250 ml	6.603	6.584	6.521	6.467	6.136	n/a
Lager, single can	500 ml	1.689	1.669	1.753	1.832	1.766	1.801
Lager, tray	12 x 330 ml	n/a	14.354	15.528	17.005	15.216	15.047
Cider, can	500 ml	2.147	2.190	2.236	2.250	2.180	2.159
Whiskey, bottle	70 cl	24.068	24.543	25.191	25.260	22.645	22.052
Brandy, bottle	70 cl	29.573	29.430	29.818	29.799	26.777	26.480
Vodka, bottle	70 cl	20.591	20.852	21.118	21.399	18.510	18.067
Cream liqueur, bottle	70 cl	17.450	17.055	17.326	17.522	15.559	15.540
Flavoured alcopops	275 ml	n/a	2.681	2.627	2.621	2.612	2.605
Sherry, bottle	75 cl	11.644	11.320	11.840	12.433	11.673	11.614
Wine, table	75 cl	8.951	8.906	9.009	9.535	9.066	9.091

Table 16.3 National average prices (continued)

€

Item	Unit	2006	2007	2008	2009	2010	2011
Drinks out							
Draught stout	1 pint	3.693	3.811	3.985	4.093	3.956	3.952
Draught lager	½ pint	2.391	2.472	2.553	2.605	2.529	2.533
Draught lager	1 pint	4.070	4.210	4.388	4.501	4.354	4.329
Bottled lager	330 ml	4.089	4.235	4.393	4.500	4.356	4.381
Draught ale	1 pint	3.744	3.867	4.042	4.151	4.031	3.989
Draught cider	1 pint	n/a	4.389	4.562	4.634	4.472	4.452
Bottled cider	330 ml	4.248	4.376	4.542	4.609	4.508	4.481
Flavoured alcopops	275 ml	n/a	5.174	5.311	5.390	5.269	5.259
Whiskey, single measure	½ glass	3.432	3.554	3.714	3.789	3.690	3.697
Brandy, single measure	½ glass	4.001	4.122	4.280	4.369	4.261	4.253
Vodka, single measure	½ glass	3.485	3.612	3.783	3.868	3.755	3.748
Wine, ¼ bottle	187 ml	n/a	4.654	4.831	4.952	4.890	4.880
Tobacco							
Filter tipped, standard size	20	6.366	6.981	7.474	8.246	8.417	8.526
Entertainment							
Cinema	fee	7.867	8.405	8.658	8.778	8.925	8.938
Club/Disco	fee	10.868	9.821	10.330	11.107	10.631	9.952
Hairdressing							
Gents' haircut, dry cut	fee	12.035	12.608	13.270	12.925	12.717	12.275
Gents' wash, cut and blow dry	fee	n/a	20.574	21.393	21.192	20.335	19.404
Ladies' wash, cut and blow dry	fee	34.352	37.142	39.305	38.722	37.441	37.330
Motor Fuel							
Unleaded petrol	1 litre	1.110	1.127	1.212	1.117	1.314	1.494
Autodiesel	1 litre	1.081	1.086	1.257	1.028	1.232	1.430

Source: CSO

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Table 16.4 Industrial producer price indices (excluding VAT)

Base year 2005=100

Industrial sector	NACE Code	2005	2006	2007	2008	2009	2010	2011
Food products	10	100.0	102.3	105.4	110.2	110.7	115.2	120.1
Meat and meat products	101	100.0	107.3	111.3	120.0	114.4	117.0	126.9
Fish and fish products	102	100.0	112.1	116.7	121.5	119.3	125.7	131.2
Fruit and vegetables	103	100.0	100.5	102.2	105.5	105.6	102.6	102.5
Vegetable and animal oils and fats	104	100.0	101.2	101.1	111.4	110.1	107.9	147.4
Dairy products	105	100.0	100.4	112.3	112.5	103.7	112.4	123.0
Grain milling, starches and animal feeds	106 & 109	100.0	101.7	108.9	123.9	117.6	114.6	124.2
Bakery and farinaceous products	107	100.0	100.6	105.7	116.5	121.1	123.7	125.8
Other food products	108	100.0	100.5	99.8	103.0	109.6	114.5	115.3
Beverages	11	100.0	101.6	104.4	106.5	108.1	103.8	103.0
Textiles	13	100.0	105.0	107.1	107.6	108.7	108.9	109.6
Wearing apparel	14	100.0	101.1	101.8	100.3	99.5	100.3	101.2
Leather and leather products	15	100.0	97.1	95.1	93.0	90.8	91.8	93.8
Wood and wood products	16	100.0	103.3	112.9	110.9	108.5	111.4	109.8
Pulp, paper and paper products	17	100.0	100.5	101.6	101.1	97.3	96.7	98.0
Printing and reproduction of recorded media	18	100.0	101.0	100.8	97.4	95.3	98.0	99.0
Chemical and chemical products	20	100.0	100.2	97.4	96.1	100.0	104.7	103.8
Basic pharmaceutical products and pharmaceutical preparation	21	100.0	102.8	102.7	101.7	101.9	92.8	88.9
Rubber and plastic products	22	100.0	102.7	104.8	105.6	105.3	105.5	107.2
Other non-metallic mineral products	23	100.0	105.0	108.9	113.1	113.0	112.1	112.0
Basic metals	24	100.0	114.6	120.7	127.8	95.5	118.6	130.3
Fabricated metal products, except machinery and equipment	25	100.0	101.9	103.0	106.3	104.0	101.0	102.5
Computer, electronic, and optical products	26	100.0	90.6	80.9	72.2	76.7	81.3	80.5
Electrical equipment	27	100.0	112.8	116.5	115.8	118.3	133.4	141.0
Machinery and equipment nec	28	100.0	100.3	100.1	101.6	102.5	103.9	103.1
Motor vehicles, trailers and semi-trailers	29	100.0	99.4	97.0	95.8	95.5	95.7	94.2
Furniture	31	100.0	102.7	104.6	104.0	105.4	103.5	101.6
Other manufacturing	32	100.0	110.1	102.7	98.7	105.1	106.2	109.6
Mining and quarrying	05-09	100.0	125.1	141.0	134.6	121.0	96.1	103.6
Total manufacturing industries		100.0	100.4	98.1	96.8	97.5	97.6	98.1
Manufacturing industries (home sales)		100.0	103.5	105.8	112.0	108.0	109.6	114.6
Manufacturing industries (export sales)		100.0	99.8	96.6	94.0	95.5	95.3	95.0
Total transportable goods industries		100.0	100.8	98.8	97.4	97.8	97.5	98.1

Source: CSO

Table 16.5 Wholesale price indices (excluding VAT) for building and construction materials

Base year 2005=100

Materials	2007	2008	2009	2010	2011
Stone, sand and gravel	115.9	127.8	132.3	129.2	124.9
<i>of which</i>					
Stone	115.4	127.2	130.5	126.6	122.2
Sand and gravel	151.2	167.4	182.8	184.3	180.1
Cement	111.7	118.2	127.8	127.8	128.6
Ready mixed mortar and concrete	109.1	112.7	110.9	107.2	104.5
Concrete blocks and bricks	113.7	113.0	113.0	111.8	114.5
Other concrete products	111.0	105.2	102.6	99.4	96.7
<i>of which</i>					
Precast concrete	111.3	112.0	110.8	105.2	97.7
Other concrete products (excluding precast concrete)	115.6	104.2	100.1	97.3	96.7
Structural steel and reinforcing metal	104.1	121.1	101.0	106.9	114.7
<i>of which</i>					
Structural steel	105.1	121.0	105.3	108.9	113.9
<i>of which</i>					
Fabricated metal	98.6	114.3	100.6	105.0	109.8
Other structural steel	107.1	118.3	95.1	92.1	96.4
Reinforcing metal	102.6	121.3	94.7	103.9	115.9
Other steel products	101.6	101.7	96.7	98.0	100.1
Rough timber (including plain sawn)	111.0	107.6	100.6	109.2	113.2
<i>of which</i>					
Hardwood	106.2	101.7	104.1	103.5	104.3
Other	111.8	108.5	100.6	110.1	114.4
Other timber	104.5	108.9	105.2	103.2	106.5
<i>of which</i>					
Windows and doors	104.3	109.9	110.9	112.1	113.8
Other	105.9	109.1	100.6	95.3	100.2
Bituminous macadam, asphalt and bituminous emulsions	127.1	135.1	132.5	133.3	148.7
<i>of which</i>					
Bituminous macadam and asphalt	127.4	134.8	132.7	132.5	147.8
Bituminous emulsions	121.0	143.1	129.3	150.8	169.9
Electrical fittings	121.7	122.4	118.4	119.6	120.0
<i>of which</i>					
Lighting equipment	119.9	121.5	127.8	130.0	135.2
Protection and communication equipment	125.2	128.3	125.3	118.9	113.6
All other materials	115.4	117.1	115.9	125.4	133.1
<i>of which</i>					
Plumbing materials incl. sanitary ware	108.7	115.1	116.5	114.4	114.6
HVAC (heating & ventilation equipment)	102.7	106.3	110.6	114.1	113.3
Insulating materials	110.6	116.6	121.3	122.2	133.9
Pipes and fittings	147.1	148.5	142.1	157.9	184.4
<i>of which</i>					
PVC	109.8	112.1	108.0	108.1	101.6
Copper	252.1	254.4	242.1	280.9	352.9
Plaster	110.5	120.5	124.2	123.5	123.2
Paints, oils and varnishes	110.0	113.1	97.0	94.7	98.2
Glass	127.4	125.9	122.4	115.3	117.7
All other metal fittings	110.3	113.0	117.0	117.6	118.3
All other products	110.5	110.2	108.5	122.6	128.0
All materials	113.3	117.1	113.5	116.6	119.6

Source: CSO

Prices

Table 16.6 Capital goods price indices (excluding VAT)

Base year 2005=100

Capital goods	2005	2006	2007	2008	2009	2010	2011
Transportable capital for use in							
Agriculture	100.0	101.0	103.0	107.1	109.0	109.1	110.9
Industry	100.0	100.9	101.0	100.6	100.4	98.1	96.4
of which							
Private vehicles	100.0	100.9	101.8	102.1	103.4	103.6	103.7
Commercial vehicles	100.0	100.0	100.2	100.8	103.5	100.7	96.5
Agriculture and industry	100.0	100.9	101.3	101.6	101.7	99.8	98.6
Other sectors	100.0	100.9	101.2	101.3	102.2	100.3	98.4
Total transportable capital	100.0	105.2	106.1	106.4	108.0	100.0	98.5
Building and construction (ie materials and wages)	100.0	105.8	111.0	114.8	113.1	114.3	111.5
All capital goods	100.0	105.0	109.5	112.8	111.4	112.2	109.6

Source: CSO

Table 16.7 Wholesale price indices (excluding VAT) for energy products (ie fuels purchased by manufacturing industry)

Base year 2005=100

Energy fuels	2005	2006	2007	2008	2009	2010	2011
Petrol	100.0	108.0	112.5	122.3	117.0	132.7	145.2
Autodiesel	100.0	106.3	109.4	126.6	106.7	124.8	138.6
Gas oil (other than autodiesel)	100.0	110.9	111.7	139.6	103.4	125.2	142.3
Fuel oil	100.0	103.2	145.3	108.9	141.4	152.4	172.5
Electricity	100.0	107.1	119.5	122.4	120.6	115.2	115.2
Petroleum fuels	100.0	111.7	115.8	140.7	116.9	140.5	158.3
Energy products	100.0	108.6	118.4	128.2	119.5	123.1	128.7

Source: CSO

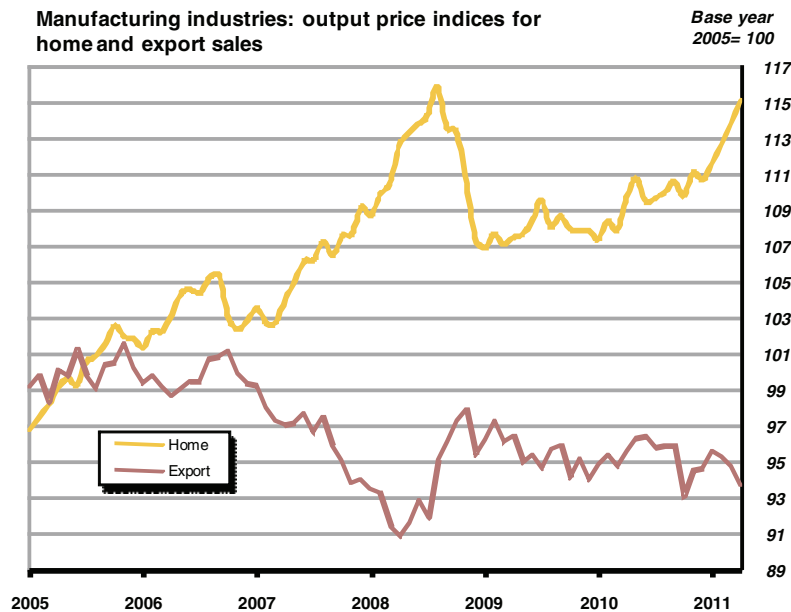


Table 16.8 Residential Property Price Index

Base year 2005=100

Year	National - all residential properties	National - houses	National - apartments	National excluding Dublin - all residential properties	National excluding Dublin - houses	Dublin - all residential properties	Dublin - houses	Dublin - apartments
2005	104.6	105.0	102.1	104.0	104.4	105.7	106.2	103.8
2006	119.8	120.5	115.1	117.2	117.7	124.4	126.7	117.5
2007	130.0	131.2	122.1	128.0	128.8	133.3	136.3	124.1
2008	122.3	124.0	112.4	122.1	122.9	122.4	126.3	113.0
2009	99.9	102.7	85.0	102.8	104.1	93.8	98.1	83.9
2010	86.8	90.1	69.1	90.5	92.1	78.9	83.6	68.1
2011	75.4	78.4	57.8	79.1	80.6	67.9	72.1	57.5

Source: CSO

Table 16.9 Residential Property Price Index - annual percentage change

%

Year	annual % change							
	National - all residential properties	National - houses	National - apartments	National excluding Dublin - all residential properties	National excluding Dublin - houses	Dublin - all residential properties	Dublin - houses	Dublin - apartments
2006	14.5	14.8	12.7	12.6	12.7	17.8	19.2	13.2
2007	8.5	8.9	6.1	9.3	9.4	7.1	7.6	5.6
2008	-5.9	-5.5	-8.0	-4.7	-4.5	-8.2	-7.4	-9.0
2009	-18.3	-17.2	-24.4	-15.8	-15.3	-23.4	-22.3	-25.8
2010	-13.1	-12.3	-18.7	-11.9	-11.5	-15.8	-14.8	-18.8
2011	-13.2	-12.9	-16.3	-12.6	-12.5	-14.0	-13.7	-15.5

Source: CSO

