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Prices

- The annual average rate of inflation for 2012 was +1.7%. This compares to a rate of +2.6% for 2011 and -1.0% for 2010.
- Education experienced the largest increase in 2012 at +8.4%.
- Consumer Prices for energy products increased by 9.4% in 2012.
- In 2012, Services increased by 2.0% while the corresponding rate for Goods was +1.2%.
- The national Residential Property Price Index fell by 11.5% in 2012.
- Overall, Producer prices increased by 3.0% in 2012.
- Building and construction material prices increased by 2.5% in 2012.
- The price of Petroleum fuels increased by 6.0% in 2012.

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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 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*.

The current CPI series was introduced in January 2012 to base December 2011 as 100 using weights derived from the 2009/10 Household Budget Survey, conducted by the Central Statistics Office (CSO). Over 50,000 prices are collected from a representative basket of 632 item headings from a fixed panel of retail outlets and service providers throughout the country over a period of more than one week i.e. Monday prior to the second Tuesday of the month up to and including the third Tuesday of the month.

Table 16.1 of this chapter shows the index numbers (Base: Mid-December 2011=100) for the All Items CPI, twelve COICOP divisions, Energy Products, Goods, Services and three other special aggregates for the period 2003 to 2012. Over this period, the All Items CPI increased by 17.1%.

Almost 20% of the weight of the basket of goods and services showed increases of 40% or more while only 8.4% showed decreases in the period 2003 to 2012. The large increases were in Education (+61.9%), Housing, Water, Electricity, Gas & Other Fuels (+53.8%), Health (+38.6%), Transport (+27.4%), Miscellaneous Goods & Services (+26.7%), Alcoholic Beverages & Tobacco (+24.5%) and Restaurants & Hotels (+16.4%). Clothing & Footwear decreased by 33.7% while Furnishings, Household Equipment & Routine Household Maintenance decreased by 18.2% over the same period. The period 2011 to 2012 showed an annual percentage change of +1.7%. The largest increase was recorded for Education (+8.4%). The period 2006 to 2007 showed the largest annual percentage change (+4.9%).

The cost of Services increased by 31.1% in the period 2003 to 2012 while the corresponding rate for Goods was +2.6%.

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.

When the EU-HICP was launched in January 1997 it was referenced on 1996=100. Starting with the publication of the January 2006 index, it has been referenced on

2005=100. The change of reference period was accompanied by a full re-referencing of all EU-HICP indices back to 1996.

Like the CPI, the EU-HICP measures the change in the average level of prices of a fixed basket of consumer goods and services. The EU-HICP in Ireland is calculated from the same basic price data as the CPI, and uses the same methodology both in compiling and aggregating the component price indices. The two indices only differ in respect of the coverage of certain goods and services and the treatment of insurance. The following items, constituting approximately 9.5% of the Irish CPI expenditure weighting, are excluded from the EU-HICP: mortgage interest, building materials, dwelling insurance, motor car insurance (non-service), contents insurance (non-service), motor cycle and motor car tax and union subscriptions. The household charge/local property tax is also excluded from the EU-HICP.

Table 16.2 shows the index numbers (Base: Year 2005=100) for the EU-HICP and twelve COICOP divisions for the period 2003 to 2012. Over this period, the EU-HICP increased by 13.6%. The most notable increases were in Education (+62.0%), Health (+38.7%), Housing, Water, Electricity, Gas & Other Fuels (+37.9%), Transport (+26.8%), Miscellaneous Goods & Services (+24.7%), and Alcoholic Beverages & Tobacco (+24.6%). The largest decreases, in the same period, were in Clothing & Footwear (-33.7%) and Furnishings, Household Equipment and Routine Household Maintenance (-18.2%). The period 2007 to 2008 showed the largest annual percentage change (+3.1%).

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 2012. Increases were recorded in all but five of the published sectors over this period.

The most notable increases were in Vegetable and animal oils and fats (+42.3%) and Electrical equipment (+40.7%). The most notable decrease was in Computer, electronic and optical products (-12.9%). Between 2005 and 2012, the index for Total manufacturing industries increased by 1.0%, while the index for Total transportable goods industries increased by 1.1%.

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 2012. Over this period, four of the indices decreased. The most notable decrease was in Transportable capital for use in industry (-2.2%). The overall index for capital goods rose by 10.6%.

In the area of **Energy products**, separate indices are distinguished for 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 four major sectors in this area for the period 2005 to 2012. Over the period 2005 to 2012, all the indices increased. Overall, Petroleum fuels rose by 67.8% and Energy products increased by 31.7%.

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 2012 at 16.4% and 14.5% respectively. House prices in Dublin recorded an annual decrease of 12.2% while the decline for houses Nationally excluding Dublin was lower at 11.2%. Overall, the National index fell by 11.5%.

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 replaced 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.

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Table 16.1 Consumer Price COICOP Division Indices

Base Mid-December 2011=100

COICOP division	Mid-December 2011		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
	% Base	Expenditure Weights										
01 Food and non-alcoholic beverages	11.366	97.3	97.1	96.4	97.7	100.5	107.1	103.3	98.6	99.8	100.3	
02 Alcoholic beverages and tobacco	4.908	83.0	85.9	86.4	87.4	92.1	96.4	102.6	99.9	99.8	103.3	
03 Clothing and footwear	5.203	146.7	141.5	137.6	134.9	130.5	124.2	109.6	99.2	97.5	97.3	
04 Housing, water, electricity, gas and other fuels	17.476	63.6	66.3	73.2	85.0	102.3	112.1	87.5	88.6	97.2	97.8	
05 Furnishings, household equipment and routine household maintenance	3.220	119.6	117.4	115.6	114.2	112.2	110.4	107.0	102.6	100.3	97.8	
06 Health	4.629	72.5	76.8	81.6	85.2	87.7	92.9	96.2	96.8	100.0	100.5	
07 Transport	15.088	83.6	87.1	90.1	93.2	95.2	98.4	94.5	97.4	100.7	106.5	
08 Communications	3.487	92.5	95.0	94.8	94.3	94.8	95.7	96.2	97.5	99.8	98.3	
09 Recreation and culture	8.075	98.0	99.2	99.2	100.5	102.0	103.4	103.0	101.3	100.4	99.2	
10 Education	2.461	62.5	66.1	70.1	73.5	77.3	82.0	87.2	92.7	93.4	101.2	
11 Restaurants and hotels	14.172	87.1	90.6	93.6	97.2	101.3	104.5	104.4	101.7	101.0	101.4	
12 Miscellaneous goods and services	9.915	82.1	81.7	81.5	82.9	83.7	85.6	92.2	93.2	99.2	104.0	
All items CPI	100.000	86.3	88.2	90.3	93.9	98.5	102.4	97.9	96.9	99.4	101.1	
Energy products	11.361	57.1	62.0	69.8	75.5	79.0	86.0	79.2	86.8	97.1	106.2	
Goods	43.383	98.5	99.4	100.0	101.3	102.4	105.4	100.8	98.6	99.9	101.1	
Services	56.617	77.1	79.7	82.9	88.0	95.3	100.1	95.5	95.6	99.1	101.1	
CPI excluding Mortgage Interest	94.331	89.1	90.9	92.7	95.1	97.6	100.7	99.5	98.2	99.6	101.9	
CPI excluding Energy Products	88.639	89.5	91.1	92.6	95.9	100.6	104.3	99.9	98.1	99.7	100.5	
CPI excluding Tobacco	97.355	87.2	88.9	91.1	94.8	99.2	103.1	98.0	97.0	99.5	101.1	

Source: CSO

Table 16.2 EU Harmonised Consumer Price COICOP Division Indices

Base year 2005=100

COICOP division	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
01 Food and non-alcoholic beverages	101.0	100.7	100.0	101.4	104.2	111.0	107.2	102.3	103.5	104.1
02 Alcoholic beverages and tobacco	96.0	99.4	100.0	101.1	106.5	111.6	118.7	115.6	115.5	119.6
03 Clothing and footwear	106.6	102.9	100.0	98.1	94.8	90.2	79.6	72.1	70.8	70.7
04 Housing, water, electricity gas and other fuels	87.9	91.2	100.0	107.4	115.5	122.2	112.9	111.2	115.2	121.2
05 Furnishings, household equipment and routine household maintenance	103.4	101.5	100.0	98.7	97.0	95.5	92.5	88.8	86.7	84.6
06 Health	88.8	94.1	100.0	104.4	107.5	113.9	118.0	118.7	122.7	123.2
07 Transport	92.7	96.4	100.0	103.6	106.0	109.2	104.2	107.7	111.5	117.5
08 Communications	97.5	100.1	100.0	99.5	100.0	100.9	101.4	102.8	105.2	103.6
09 Recreation and culture	98.8	100.0	100.0	101.3	102.8	104.2	103.8	102.0	101.2	100.0
10 Education	89.1	94.4	100.0	104.9	110.2	116.9	124.4	132.3	133.2	144.3
11 Restaurants and hotels	93.1	96.8	100.0	103.9	108.3	111.7	111.6	108.7	107.9	108.4
12 Miscellaneous goods and services	96.0	98.1	100.0	102.7	105.2	107.9	112.7	111.6	116.4	119.7
All items HICP	95.7	97.9	100.0	102.7	105.6	108.9	107.1	105.4	106.6	108.7

Source: CSO

Table 16.3 National average prices

€

Item	Unit	2007	2008	2009	2010	2011	2012
Beef & veal							
Sirloin steak	1 kg	14.281	15.260	14.441	13.620	14.174	15.495
Striploin steak	1 kg	20.631	22.854	21.395	20.192	20.613	21.718
Roast beef - topside/rib	1 kg	9.589	10.583	10.770	10.509	11.022	11.838
Sliced/diced beef pieces	1 kg	8.523	9.263	9.376	9.088	9.218	10.068
Lamb & goat							
Lamb - whole leg/half leg	1 kg	10.471	11.455	10.954	11.057	11.638	11.823
Lamb - loin chops	1 kg	16.964	18.088	17.400	17.421	18.071	18.745
Lamb - gigot chops	1 kg	10.418	11.698	11.600	11.830	12.534	13.048
Edible offal							
Lamb's liver	1 kg	5.354	5.441	5.416	5.352	5.587	5.683
Pork							
Pork loin chops	1 kg	8.985	8.802	9.093	8.652	8.426	8.396
Pork steak	1 kg	11.832	12.268	10.549	9.854	9.325	9.347
Dried, salted or smoked meat							
Best back rashers	1 kg	11.347	11.738	12.085	11.491	11.372	10.713
Ham fillet	1 kg	7.851	7.678	7.314	6.541	6.243	6.044
Cooked ham	1 kg	16.779	18.277	18.128	17.167	17.183	16.424
Pork sausages	1 kg	5.619	5.948	5.957	5.615	5.707	5.572
Poultry							
Uncooked chicken, medium size	1.6 kg	5.851	7.119	6.455	5.486	5.840	5.690
Fresh or chilled fish							
Fresh fillet of whiting	1 kg	9.614	9.781	9.825	10.190	10.175	10.661
Fresh fillet of cod	1 kg	17.758	19.456	16.725	15.626	16.116	16.122
Fresh salmon	1 kg	15.968	16.326	16.220	15.926	16.058	14.894
Fresh fillet of plaice	1 kg	18.249	18.357	19.251	16.166	16.298	17.570
Dried, smoked or salted fish & seafood							
Smoked salmon	1 kg	28.392	28.584	29.467	27.840	27.920	26.726
Fresh or chilled vegetables							
Tomatoes	1 kg	2.718	2.791	2.639	2.715	2.725	2.849
Onions	1 kg	1.440	1.419	1.364	1.247	1.276	1.199
Broccoli	1 kg	4.125	4.501	3.878	3.256	3.180	3.103
Carrots	1 kg	1.295	1.339	1.316	1.270	1.244	1.201
Mushrooms	1 kg	4.369	4.751	4.517	4.532	4.539	4.435
Potatoes							
Potatoes	2.5 kg	3.778	3.730	3.374	3.263	3.183	3.387
Potatoes	10 kg	7.611	6.938	6.817	6.479	5.624	6.637
Dried vegetables, other preserved or processed vegetables							
Tinned tomatoes	400 g	0.680	0.805	0.907	0.903	0.903	0.851
Fresh or chilled fruit							
Grapes	1 kg	6.220	6.437	5.869	5.816	6.067	5.944
Bananas	1 kg	1.452	1.477	1.372	1.192	1.334	1.364

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Table 16.3 National average prices (continued)

€

Item	Unit	2007	2008	2009	2010	2011	2012
Fresh whole milk							
Full fat milk	2 litre	1.601	2.003	1.908	1.795	1.826	1.772
Fresh low fat milk							
Low fat milk	1 litre	n/a	n/a	n/a	n/a	n/a	1.052
Cheese & curd							
Irish cheddar	1 kg	9.821	11.660	11.871	11.402	11.573	11.121
Butter							
Butter	1 lb	1.895	2.326	2.314	2.372	2.673	2.747
Eggs							
Eggs - large	½ doz	1.622	1.824	1.815	1.764	1.847	1.860
Eggs - medium	½ doz	1.446	1.607	1.565	1.573	1.644	1.621
Bread							
White, sliced pan (large)	800 g	1.191	1.408	1.368	1.327	1.391	1.286
Brown, sliced pan (large)	800 g	1.423	1.704	1.678	1.650	1.715	1.523
Flours & other cereals							
Flour - white self-raising	2 kg	1.520	2.062	1.914	2.029	2.238	2.181
Flour - brown wholemeal	2 kg	1.682	2.224	2.216	2.329	2.557	2.588
Sugar							
Sugar - white granulated	1 kg	1.047	1.030	0.998	0.973	1.099	1.337
Tea							
Tea bags	80	2.516	2.710	2.764	2.779	2.911	2.910
Pasta products & couscous							
Spaghetti	500 g	0.948	1.208	1.183	1.206	1.272	1.167
Jam, marmalades & honey							
Jam	1 lb	1.577	1.852	1.797	1.815	1.876	1.925
Marmalade	1 lb	1.756	2.006	1.977	1.933	1.987	1.866
Fruit & vegetable juices							
Orange juice	1 litre	1.648	1.741	1.545	1.334	1.440	1.465
Alcoholic beverages - off licences							
Stout - take home can	500 ml	n/a	n/a	n/a	n/a	n/a	2.059
Lager - take home can	500 ml	1.669	1.753	1.832	1.766	1.801	1.781
Cider - take home can	500 ml	2.190	2.236	2.250	2.180	2.159	2.101
Whiskey - take home bottle	70 cl	24.543	25.191	25.260	22.645	22.052	21.506
Brandy - take home bottle	70 cl	29.430	29.818	29.799	26.777	26.480	25.047
Vodka - take home bottle	70 cl	20.852	21.118	21.399	18.510	18.067	17.460
Cream liqueur - take home bottle	70 cl	17.055	17.326	17.522	15.559	15.540	14.471
Sherry - take home bottle	75 cl	11.320	11.840	12.433	11.673	11.614	10.969
Wine - take home bottle	75 cl	8.906	9.009	9.535	9.066	9.091	8.944

Table 16.3 National average prices (continued)

€

Item	Unit	2007	2008	2009	2010	2011	2012
Alcoholic beverages - licensed premises							
Stout draught - bar	1 pint	3.811	3.985	4.093	3.956	3.952	3.996
Lager draught - bar	1 pint	4.210	4.388	4.501	4.354	4.329	4.349
Lager bottle - bar	330 ml	4.235	4.393	4.500	4.356	4.381	4.383
Ale draught - bar	1 pint	3.867	4.042	4.151	4.031	3.989	4.042
Cider draught - bar	1 pint	4.389	4.562	4.634	4.472	4.452	4.485
Cider bottle - bar	330 ml	4.376	4.542	4.609	4.508	4.481	4.505
Flavoured alcoholic drinks - bar	275 ml	5.174	5.311	5.390	5.269	5.259	5.173
Whiskey - bar	½ glass	3.554	3.714	3.789	3.690	3.697	3.746
Brandy - bar	½ glass	4.122	4.280	4.369	4.261	4.253	4.316
Vodka - bar	½ glass	3.612	3.783	3.868	3.755	3.748	3.802
Wine - bar small bottle	187 ml	4.654	4.831	4.952	4.890	4.880	4.898
Cigarettes							
Cigarettes - filtered	20	6.981	7.474	8.246	8.417	8.526	9.073
Cinema							
Cinema	fee	8.405	8.658	8.778	8.925	8.938	8.917
Nightclubs							
Nightclubs	fee	9.821	10.330	11.107	10.631	9.952	9.578
Hairdressing							
Gents - dry haircut	fee	12.608	13.270	12.925	12.717	12.275	11.922
Gents - wash, cut & blow dry	fee	20.574	21.393	21.192	20.335	19.404	17.931
Ladies - wash, cut & blow dry	fee	37.142	39.305	38.722	37.441	37.330	36.518
Petrol							
Petrol	1 litre	1.127	1.212	1.117	1.314	1.494	1.631
Diesel							
Diesel	1 litre	1.086	1.257	1.028	1.232	1.430	1.562

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	2012
Food products	10	100.0	102.3	105.4	110.2	110.7	115.2	120.1	124.9
Meat and meat products	101	100.0	107.3	111.3	120.0	114.4	117.0	126.9	133.2
Fish and fish products	102	100.0	112.1	116.7	121.5	119.3	125.7	131.2	136.1
Fruit and vegetables	103	100.0	100.5	102.2	105.5	105.6	102.6	102.5	105.8
Vegetable and animal oils and fats	104	100.0	101.2	101.1	111.4	110.1	107.9	147.4	142.3
Dairy products	105	100.0	100.4	112.3	112.5	103.7	112.4	123.0	118.1
Grain milling, starches and animal feeds	106 & 109	100.0	101.7	108.9	123.9	117.6	114.6	124.2	132.4
Bakery and farinaceous products	107	100.0	100.6	105.7	116.5	121.1	123.7	125.8	127.8
Other food products	108	100.0	100.5	99.8	103.0	109.6	114.5	115.3	122.2
Beverages	11	100.0	101.6	104.4	106.5	108.1	103.8	103.0	103.7
Textiles	13	100.0	105.0	107.1	107.6	108.7	108.9	109.6	110.9
Wearing apparel	14	100.0	101.1	101.8	100.3	99.5	100.3	101.2	103.0
Leather and leather products (including footwear); dressing and dyeing of fur	15	100.0	97.1	95.1	93.0	90.8	91.8	93.8	98.1
Wood and wood products	16	100.0	103.3	112.9	110.9	108.5	111.4	109.8	112.1
Pulp, paper and paper products	17	100.0	100.5	101.6	101.1	97.3	96.7	98.0	98.9
Printing and reproduction of recorded media	18	100.0	101.0	100.8	97.4	95.3	98.0	99.0	102.1
Chemical and chemical products	20	100.0	100.2	97.4	96.1	100.0	104.7	103.8	105.7
Basic pharmaceutical products and pharmaceutical preparations	21	100.0	102.8	102.7	101.7	101.9	92.8	88.9	88.0
Rubber and plastic products	22	100.0	102.7	104.8	105.6	105.3	105.5	107.2	108.9
Other non-metallic mineral products	23	100.0	105.0	108.9	113.1	113.0	112.1	112.0	115.3
Basic metals	24	100.0	114.6	120.7	127.8	95.5	118.6	130.3	134.3
Fabricated metal products, except machinery and equipment	25	100.0	101.9	103.0	106.3	104.0	101.0	102.5	103.2
Computer, electronic, and optical products	26	100.0	90.6	80.9	72.2	76.7	81.3	80.5	87.1
Electrical equipment	27	100.0	112.8	116.5	115.8	118.3	133.4	141.0	140.7
Machinery and equipment nec	28	100.0	100.3	100.1	101.6	102.5	103.9	103.1	107.4
Motor vehicles, trailers and semi-trailers	29	100.0	99.4	97.0	95.8	95.5	95.7	94.2	94.0
Furniture	31	100.0	102.7	104.6	104.0	105.4	103.5	101.6	101.2
Other manufacturing	32	100.0	110.1	102.7	98.7	105.1	106.2	109.6	109.0
Mining and quarrying	05-09	100.0	125.1	141.0	134.6	121.0	96.1	103.6	111.2
Total manufacturing goods industries		100.0	100.4	98.1	96.8	97.5	97.6	98.1	101.0
Manufacturing industries (home sales)		100.0	103.5	105.8	112.0	108.0	109.6	114.6	117.4
Manufacturing industries (export sales)		100.0	99.8	96.6	94.0	95.5	95.3	95.0	97.9
Total transportable goods industries		100.0	100.8	98.8	97.4	97.8	97.5	98.1	101.1

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	2012
Stone, sand and gravel	115.9	127.8	132.3	129.2	124.9	134.7
<i>of which</i>						
Stone	115.4	127.2	130.5	126.6	122.2	133.5
Sand and gravel	151.2	167.4	182.8	184.3	180.1	181.2
Cement	111.7	118.2	127.8	127.8	128.6	128.4
Ready mixed mortar and concrete	109.1	112.7	110.9	107.2	104.5	108.9
Concrete blocks and bricks	113.7	113.0	113.0	111.8	114.5	121.7
Other concrete products	111.0	105.2	102.6	99.4	96.7	98.4
<i>of which</i>						
Precast concrete	111.3	112.0	110.8	105.2	97.7	97.4
Other concrete products (excluding precast concrete)	115.6	104.2	100.1	97.3	96.7	98.0
Structural steel and reinforcing metal	104.1	121.1	101.1	106.9	114.7	116.1
<i>of which</i>						
Structural steel	105.1	121.0	105.3	108.9	113.9	115.5
<i>of which</i>						
Fabricated metal	98.6	114.3	100.6	105.0	109.8	111.7
Other structural steel	107.1	118.3	95.1	92.1	96.4	95.8
Reinforcing metal	102.6	121.3	94.7	103.9	115.9	117.0
Other steel products	101.6	101.7	96.7	98.0	100.1	99.4
Rough timber (including plain sawn)	111.0	107.6	100.6	109.2	113.2	114.0
<i>of which</i>						
Hardwood	106.2	101.7	104.1	103.5	104.3	104.5
Other	111.8	108.5	100.6	110.1	114.4	115.3
Other timber	104.5	108.9	105.2	103.2	106.5	108.1
<i>of which</i>						
Windows and doors	104.3	109.9	110.9	112.1	113.8	114.4
Other	105.9	109.1	100.6	95.3	100.2	102.8
Bituminous macadam, asphalt and bituminous emulsions	127.1	135.1	132.5	133.3	148.7	172.8
<i>of which</i>						
Bituminous macadam and asphalt	127.4	134.8	132.7	132.5	147.8	172.3
Bituminous emulsions	121.0	143.1	129.3	150.8	169.9	183.4
Electrical fittings	121.7	122.4	118.4	119.6	120.0	120.9
<i>of which</i>						
Lighting equipment	119.9	121.5	127.8	130.0	135.2	132.0
Protection and communication equipment	125.2	128.3	125.3	118.9	113.6	112.5
All other materials	115.4	117.1	115.9	125.4	133.1	135.0
<i>of which</i>						
Plumbing materials incl. sanitary ware	108.7	115.1	116.5	114.4	114.6	114.9
HVAC (heating & ventilation equipment)	102.7	106.3	110.6	114.1	113.3	116.8
Insulating materials	110.6	116.6	121.3	122.2	133.9	137.8
Pipes and fittings	147.1	148.5	142.1	157.9	184.4	189.4
<i>of which</i>						
PVC	109.8	112.1	108.0	108.1	101.6	102.9
Copper	252.1	254.4	242.1	280.9	352.9	363.9
Plaster	110.5	120.5	124.2	123.5	123.2	121.5
Paints, oils and varnishes	110.0	113.1	97.0	94.7	98.2	102.8
Glass	127.4	125.9	122.4	115.3	117.7	127.0
All other metal fittings	110.3	113.0	117.0	117.6	118.3	116.6
All other products	110.5	110.2	108.5	122.6	128.0	128.6
All materials	113.3	117.1	113.5	116.6	119.6	122.6

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	2012
Transportable capital for use in								
Agriculture	100.0	101.0	103.0	107.1	109.0	109.1	110.9	113.0
Industry	100.0	100.9	101.0	100.6	100.4	98.1	96.4	97.8
of which								
Private vehicles	100.0	100.9	101.8	102.1	103.4	103.6	103.7	104.4
Commercial vehicles	100.0	100.0	100.2	100.8	103.5	100.7	96.5	98.6
Agriculture and industry	100.0	100.9	101.3	101.6	101.7	99.8	98.6	100.1
Other sectors	100.0	100.9	101.2	101.3	102.2	100.3	98.4	99.7
Total transportable capital	100.0	100.9	101.2	101.4	102.0	100.0	98.5	99.9
Building and construction (ie materials and wages)	100.0	105.8	111.0	114.8	113.1	114.3	111.5	112.5
All capital goods	100.0	105.0	109.5	112.8	111.4	112.2	109.6	110.6

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	2012
Petrol	100.0	108.0	112.5	122.3	117.0	132.7	145.2	152.2
Autodiesel	100.0	106.3	109.4	126.6	106.7	124.8	138.6	144.9
Gas oil (other than autodiesel)	100.0	110.9	111.7	139.6	103.4	125.2	142.3	151.1
Fuel oil	100.0	114.5	120.0	148.5	125.3	152.4	172.5	183.8
Petroleum fuels	100.0	111.7	115.8	140.7	116.9	140.5	158.3	167.8
Energy products	100.0	108.6	118.4	128.2	119.5	123.1	128.7	131.7

Source: CSO

Manufacturing industries: output price indices for home and export sales

Base year 2005=100

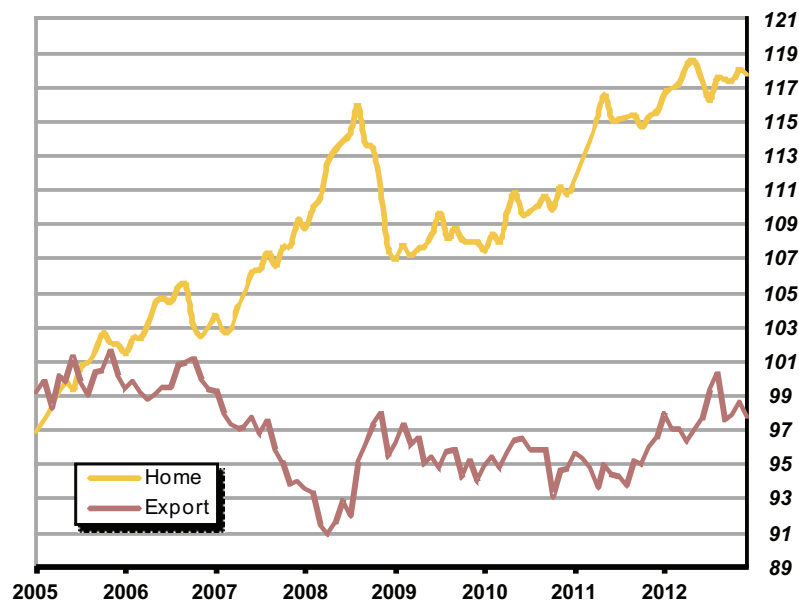


Table 16.8 Residential Property Price Index

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	105.6	106.0	102.9	104.9	105.4	106.7	107.4	104.7
2006	121.1	121.9	116.1	118.4	118.9	126.1	128.5	118.7
2007	130.0	131.3	122.1	128.3	129.1	133.0	136.0	124.0
2008	120.9	122.7	110.5	120.8	121.7	120.7	124.9	110.8
2009	98.2	101.0	83.0	101.2	102.6	91.6	95.8	81.9
2010	86.0	89.3	68.3	89.7	91.3	78.3	83.0	67.2
2011	74.1	77.1	56.8	78.0	79.5	66.5	70.6	56.6
2012	65.6	68.5	47.5	69.1	70.6	58.4	62.0	48.4

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	14.7	15.0	12.8	12.9	12.8	18.2	19.6	13.4
2007	7.3	7.7	5.2	8.4	8.6	5.5	5.8	4.5
2008	-7.0	-6.5	-9.5	-5.8	-5.7	-9.2	-8.2	-10.6
2009	-18.8	-17.7	-24.9	-16.2	-15.7	-24.1	-23.3	-26.1
2010	-12.4	-11.6	-17.7	-11.4	-11.0	-14.5	-13.4	-17.9
2011	-13.8	-13.7	-16.8	-13.0	-12.9	-15.1	-14.9	-15.8
2012	-11.5	-11.2	n/a	-11.4	-11.2	-12.2	-12.2	-14.5

Source: CSO

