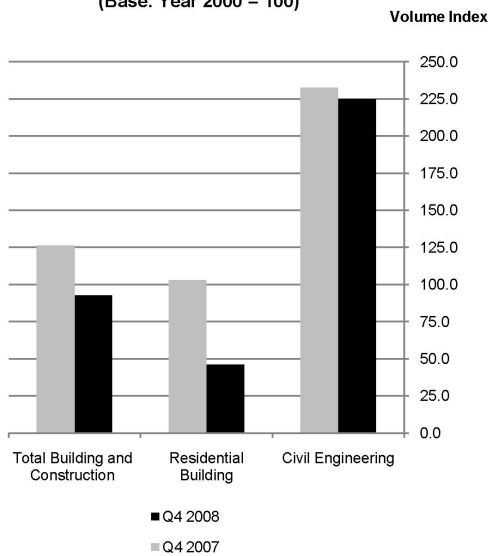




Production in Building and Construction Index

Quarter 4 2008 (First Estimates)
Quarter 3 2008 (Final Figures)

Volume of Production for Building Categories
Q4 2007 and Q4 2008
(Base: Year 2000 = 100)



Production in Building and Construction Index
(Base: Year 2000=100)

	Volume Index	Value Index
Q4 2007	126.2	193.4
Q4 2008	92.5	146.4
% change	-26.7%	-24.3%

Building and Construction Output down by 26.7% in 4th Quarter

The volume of output in building and construction decreased by 26.7% in the fourth quarter of 2008 compared with the fourth quarter of 2007. The value of production decreased by 24.3% in the same period. *See table 1(a) and graph.*

The fall in the volume of output largely reflects a decline of 55.4% in residential building work, which was partly offset by a rise of 3.3% in non-residential building work. Output in civil engineering fell by 3.3%. *See tables 1(c), 2(a), 2(b) and graph.*

EU comparisons

In the year to Q4 2008, output in the building and construction sector fell by 7% in the EU27 and fell by 8% in the EA16. The largest increases were in Romania (+14.6%), Slovakia (+14.2%), and the Netherlands (+4.4%). The volume of production in the sector decreased in Ireland (-26.7%), Estonia (-19.8%), and Spain (-19.7%). *See tables 3(b) & 1(a).*

The first results from the CSO's new Quarterly Survey of Construction (QSC) were published in August 2007. As this is a relatively new survey, the CSO still considers the results to be experimental. Table A (*see background notes*) compares these new survey results with some other indicators for the sector. The CSO will continue to monitor the quality and comparability of this new data series.

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Table 1(a) Value and Volume Indices of Production in all Building and Construction
Base: Year 2000 = 100

Total Production in all Building and Construction					
Period	Value of Production		Volume of Production		
	Index	Annual % change	Index	Annual % change	
2000	100.0		100.0		
2001	113.3	13.3	103.4	3.4	
2002	121.1	6.9	105.5	2.1	
2003	135.4	11.8	111.5	5.7	
2004	160.2	18.3	123.6	10.8	
2005	188.9	17.9	139.2	12.6	
2006	202.7	7.3	139.7	0.4	
2007	192.2	-5.2	126.8	-9.3	
2008 ²	149.4	-22.3	94.9	-25.2	
2000 1st quarter	92.1		94.6		
2000 2nd quarter	98.5		99.2		
2000 3rd quarter	104.4		104.7		
2000 4th quarter	105.0		101.5		
2001 1st quarter	107.4	16.6	97.2	2.7	
2001 2nd quarter	114.8	16.5	103.3	4.1	
2001 3rd quarter	114.3	9.5	105.8	1.1	
2001 4th quarter	116.7	11.1	107.2	5.6	
2002 1st quarter	111.7	4.0	99.2	2.1	
2002 2nd quarter	115.6	0.7	101.5	-1.7	
2002 3rd quarter	128.1	12.1	112.1	6.0	
2002 4th quarter	128.9	10.5	109.3	2.0	
2003 1st quarter	119.4	6.9	103.1	4.0	
2003 2nd quarter	127.5	10.3	108.3	6.7	
2003 3rd quarter	145.1	13.3	122.1	8.9	
2003 4th quarter	149.6	16.1	112.5	2.9	
2004 1st quarter	151.1	26.5	120.7	17.0	
2004 2nd quarter	169.2	32.7	131.5	21.4	
2004 3rd quarter	161.1	11.0	122.7	0.5	
2004 4th quarter	159.3	6.5	119.3	6.0	
2005 1st quarter	159.2	5.4	119.0	-1.4	
2005 2nd quarter	190.9	12.8	141.3	7.5	
2005 3rd quarter	208.0	29.1	153.4	25.0	
2005 4th quarter	197.5	24.0	142.9	19.8	
2006 1st quarter	193.8	21.7	138.3	16.2	
2006 2nd quarter	196.2	2.8	135.4	-4.2	
2006 3rd quarter	194.7	-6.4	133.3	-13.1	
2006 4th quarter	226.1	14.5	151.9	6.3	
2007 1st quarter	180.9	-6.7	121.1	-12.4	
2007 2nd quarter	203.8	3.9	135.0	-0.3	
2007 3rd quarter	190.8	-2.0	124.7	-6.5	
2007 4th quarter	193.4	-14.5	126.2	-16.9	
2008 1st quarter	142.8	-21.1	91.6	-24.4	
2008 2nd quarter	156.9	-23.0	99.7	-26.1	
2008 3rd quarter ¹	151.6	-20.5	95.7	-23.3	
2008 4th quarter ²	146.4	-24.3	92.5	-26.7	

¹ Revised

² Provisional

Data prior to 2004 based on existing annual data from the Department of the Environment, Heritage and Local Government prepared by DKM Economic Consultants series, with quarterly breakdown estimated by CSO.

Series from 2004 onwards based on the new CSO survey.

Table 1(b) Value and Volume Indices of Production in Building (excluding civil engineering)
Base: Year 2000 = 100

Total Production in Building (excluding civil engineering)				
Period	Value of Production		Volume of Production	
	Index	Annual % change	Index	Annual % change
2000	100.0		100.0	
2001	111.4	11.4	101.7	1.7
2002	115.1	3.3	100.9	-0.8
2003	131.2	14.0	107.7	6.7
2004	159.3	21.4	122.5	13.8
2005	187.1	17.4	137.4	12.1
2006	195.6	4.6	134.5	-2.1
2007	168.8	-13.7	111.0	-17.5
2008 ²	116.5	-31.0	73.8	-33.5
2000 1st quarter	91.5		94.6	
2000 2nd quarter	98.5		99.3	
2000 3rd quarter	104.8		105.1	
2000 4th quarter	105.3		101.0	
2001 1st quarter	104.9	14.6	95.2	0.6
2001 2nd quarter	113.3	15.0	101.6	2.3
2001 3rd quarter	112.4	7.3	104.3	-0.8
2001 4th quarter	115.1	9.3	105.6	4.6
2002 1st quarter	104.0	-0.9	93.8	-1.5
2002 2nd quarter	108.6	-4.1	95.6	-5.9
2002 3rd quarter	123.0	9.4	107.7	3.3
2002 4th quarter	124.7	8.3	106.3	0.7
2003 1st quarter	112.9	8.6	98.5	5.0
2003 2nd quarter	122.2	12.5	103.8	8.6
2003 3rd quarter	142.3	15.7	119.9	11.3
2003 4th quarter	147.3	18.1	108.4	2.0
2004 1st quarter	151.9	34.6	121.0	22.8
2004 2nd quarter	168.7	38.0	130.6	25.8
2004 3rd quarter	157.7	10.8	119.7	-0.2
2004 4th quarter	158.9	7.9	118.6	9.4
2005 1st quarter	165.4	8.8	123.1	1.7
2005 2nd quarter	192.8	14.3	142.3	9.0
2005 3rd quarter	197.1	25.0	144.9	21.1
2005 4th quarter	192.9	21.4	139.1	17.3
2006 1st quarter	196.8	19.0	140.0	13.7
2006 2nd quarter	191.8	-0.6	131.9	-7.3
2006 3rd quarter	183.4	-7.0	125.1	-13.7
2006 4th quarter	210.4	9.1	141.0	1.4
2007 1st quarter	169.5	-13.9	113.1	-19.2
2007 2nd quarter	183.2	-4.5	120.9	-8.3
2007 3rd quarter	161.5	-11.9	105.2	-15.9
2007 4th quarter	161.0	-23.5	104.7	-25.7
2008 1st quarter	124.3	-26.7	79.5	-29.7
2008 2nd quarter	124.9	-31.8	79.1	-34.6
2008 3rd quarter ¹	112.5	-30.3	70.8	-32.7
2008 4th quarter ²	104.1	-35.3	65.6	-37.3

¹ Revised

² Provisional

Data prior to 2004 based on existing annual data from the Department of the Environment, Heritage and Local Government prepared by DKM Economic Consultants series, with quarterly breakdown estimated by CSO.
 Series from 2004 onwards based on the new CSO survey.

Table 1(c) Value and Volume Indices of Production in Civil Engineering
Base: Year 2000 = 100

Period	Total Production in Civil Engineering			
	Value of Production		Volume of Production	
	Index	Annual % change	Index	Annual % change
2000	100.0		100.0	
2001	122.3	22.3	112.2	12.2
2002	149.6	22.3	129.5	15.4
2003	155.5	3.9	131.3	1.4
2004	164.4	5.7	130.0	-1.0
2005	197.7	20.2	149.2	14.8
2006	236.4	19.6	166.7	11.7
2007	303.5	28.4	205.0	23.0
2008 ²	304.9	0.5	199.0	-2.9
2000 1st quarter	95.0		95.0	
2nd quarter	98.7		98.7	
3rd quarter	102.5		102.5	
4th quarter	103.9		103.9	
2001 1st quarter	119.5	25.7	107.8	13.4
2nd quarter	121.6	23.2	112.1	13.6
3rd quarter	123.5	20.6	113.7	10.9
4th quarter	124.5	19.8	115.3	11.0
2002 1st quarter	148.5	24.3	126.8	17.7
2nd quarter	148.6	22.2	132.0	17.7
3rd quarter	152.6	23.5	134.5	18.4
4th quarter	148.6	19.4	124.9	8.3
2003 1st quarter	150.6	1.4	126.8	0.0
2nd quarter	152.3	2.5	131.3	-0.5
3rd quarter	158.6	4.0	133.7	-0.6
4th quarter	160.3	7.9	133.4	6.8
2004 1st quarter	147.2	-2.2	120.6	-4.9
2nd quarter	172.0	12.9	137.1	4.5
3rd quarter	177.1	11.6	138.4	3.5
4th quarter	161.3	0.6	123.8	-7.2
2005 1st quarter	130.1	-11.6	99.7	-17.3
2nd quarter	181.5	5.5	137.7	0.4
3rd quarter	259.8	46.7	196.5	42.0
4th quarter	219.3	36.0	162.7	31.4
2006 1st quarter	179.8	38.2	131.6	32.0
2nd quarter	217.4	19.8	153.9	11.8
3rd quarter	248.1	-4.5	174.2	-11.3
4th quarter	300.2	36.9	206.9	27.2
2007 1st quarter	234.9	30.6	161.3	22.6
2nd quarter	301.5	38.7	204.8	33.1
3rd quarter	330.0	33.0	221.2	27.0
4th quarter	347.4	15.7	232.5	12.4
2008 1st quarter	230.4	-1.9	151.7	-6.0
2nd quarter	308.6	2.4	201.2	-1.8
3rd quarter ¹	333.7	1.1	218.1	-1.4
4th quarter ²	347.0	-0.1	224.9	-3.3

¹ Revised

² Provisional

Data prior to 2004 based on existing annual data from the Department of the Environment, Heritage and Local Government prepared by DKM Economic Consultants series, with quarterly breakdown estimated by CSO.

Series from 2004 onwards based on the new CSO survey.

Table 2(a) Value and Volume Indices of Production in Residential Building
Base: Year 2000 = 100

Total Production in Residential Building				
Period	Value of Production		Volume of Production	
	Index	Annual % change	Index	Annual % change
2000	100.0		100.0	
2001	115.4	15.4	104.0	4.0
2002	125.6	8.9	105.8	1.7
2003	154.1	22.7	117.5	11.1
2004	193.3	25.4	138.2	17.5
2005	234.1	21.1	159.7	15.6
2006	237.1	1.3	151.5	-5.1
2007	188.6	-20.5	115.3	-23.9
2008 ²	102.9	-45.4	60.6	-47.4
2000 1st quarter	89.6		94.4	
2nd quarter	98.4		99.5	
3rd quarter	106.0		106.2	
4th quarter	106.0		99.9	
2001 1st quarter	106.6	19.0	95.8	1.5
2nd quarter	118.6	20.5	104.1	4.6
3rd quarter	116.3	9.7	107.3	1.0
4th quarter	120.0	13.2	108.9	9.0
2002 1st quarter	109.0	2.3	96.2	0.4
2nd quarter	116.1	-2.1	98.6	-5.3
3rd quarter	136.7	17.5	114.7	6.9
4th quarter	140.7	17.3	113.6	4.3
2003 1st quarter	127.6	17.1	105.8	10.0
2nd quarter	141.4	21.8	112.8	14.4
3rd quarter	170.2	24.5	134.0	16.8
4th quarter	177.3	26.0	117.5	3.4
2004 1st quarter	185.6	45.5	137.3	29.8
2nd quarter	207.3	46.6	149.2	32.2
3rd quarter	187.8	10.4	132.5	-1.1
4th quarter	192.6	8.6	133.6	13.7
2005 1st quarter	209.8	13.0	145.1	5.7
2nd quarter	243.3	17.4	166.7	11.7
3rd quarter	245.0	30.5	167.3	26.3
4th quarter	238.3	23.7	159.6	19.5
2006 1st quarter	245.0	16.8	161.9	11.6
2nd quarter	237.0	-2.6	151.4	-9.2
3rd quarter	214.9	-12.3	136.2	-18.6
4th quarter	251.4	5.5	156.4	-2.0
2007 1st quarter	196.6	-19.8	121.9	-24.7
2nd quarter	208.3	-12.1	127.8	-15.6
3rd quarter	178.9	-16.8	108.3	-20.5
4th quarter	170.5	-32.2	103.0	-34.1
2008 1st quarter	119.2	-39.4	70.8	-41.9
2nd quarter	117.0	-43.8	68.9	-46.1
3rd quarter ¹	97.0	-45.8	56.7	-47.6
4th quarter ²	78.5	-54.0	45.9	-55.4

¹ Revised

² Provisional

Data prior to 2004 based on existing annual data from the Department of the Environment, Heritage and Local Government prepared by DKM Economic Consultants series, with quarterly breakdown estimated by CSO.

Series from 2004 onwards based on the new CSO survey.

Table 2(b) Value and Volume Indices of Production in Non-Residential Building
Base: Year 2000 = 100

Period	Total Production in Non-Residential Building			
	Value of Production		Volume of Production	
	Index	Annual % change	Index	Annual % change
2000	100.0		100.0	
2001	104.0	4.0	95.8	-4.2
2002	95.2	-8.5	88.6	-7.5
2003	87.8	-7.7	83.0	-6.4
2004	95.1	8.3	84.2	1.5
2005	98.3	3.3	83.1	-1.3
2006	117.4	19.5	92.8	11.7
2007	131.4	11.9	99.4	7.1
2008 ²	142.1	8.1	103.6	4.1
2000 1st quarter	95.0		95.0	
2nd quarter	98.7		98.7	
3rd quarter	102.5		102.5	
4th quarter	103.9		103.9	
2001 1st quarter	101.6	6.9	93.6	-1.5
2nd quarter	103.4	4.8	95.3	-3.4
3rd quarter	105.1	2.5	96.8	-5.6
4th quarter	105.9	1.9	97.6	-6.1
2002 1st quarter	94.5	-7.0	88.0	-6.0
2nd quarter	94.5	-8.6	88.0	-7.6
3rd quarter	97.1	-7.6	90.4	-6.6
4th quarter	94.6	-10.7	88.1	-9.8
2003 1st quarter	85.0	-10.0	80.4	-8.6
2nd quarter	86.0	-9.0	81.3	-7.6
3rd quarter	89.6	-7.7	84.7	-6.4
4th quarter	90.5	-4.3	85.6	-2.8
2004 1st quarter	88.5	4.1	81.2	1.0
2nd quarter	95.7	11.2	85.4	5.0
3rd quarter	101.0	12.7	88.3	4.3
4th quarter	95.3	5.3	81.9	-4.3
2005 1st quarter	81.6	-7.8	70.0	-13.8
2nd quarter	97.6	2.0	82.9	-2.9
3rd quarter	106.7	5.6	90.3	2.3
4th quarter	107.3	12.6	89.1	8.8
2006 1st quarter	106.0	29.9	86.8	24.0
2nd quarter	106.5	9.1	84.3	1.7
3rd quarter	124.0	16.2	97.4	7.9
4th quarter	133.2	24.1	102.7	15.3
2007 1st quarter	118.2	11.5	90.9	4.7
2nd quarter	135.8	27.5	103.2	22.4
3rd quarter	128.6	3.7	96.4	-1.0
4th quarter	143.1	7.4	107.2	4.4
2008 1st quarter	134.0	13.4	98.7	8.6
2nd quarter	140.0	3.1	102.1	-1.1
3rd quarter ¹	141.8	10.3	102.7	6.5
4th quarter ²	152.6	6.6	110.7	3.3

¹ Revised

² Provisional

Data prior to 2004 based on existing annual data from the Department of the Environment, Heritage and Local Government prepared by DKM Economic Consultants series, with quarterly breakdown estimated by CSO.

Series from 2004 onwards based on the new CSO survey.

Table 3(a) Annual Volume Indices of Production in all Building and Construction in the EU15, the EU27, the Euro Areas and Member States 2000 to 2008

Base: Year 2005 = 100

	2000	2001	2002	2003	2004	2005	2006	2007	2008
EU27	94.1	95.3	96.2	97.8	98.2	100.0	103.8	106.4	103.4
EU15	94.4	95.7	96.7	98.3	98.6	100.0	103.4	105.4	101.9
Euro Area (EA15)	96.0	97.4	97.6	98.4	97.9	100.0	103.7	105.6	100.9
Euro Area (EA16)	96.0 ^s	97.4	97.7	98.4	98.0	100.0	103.7	105.5	100.8
Belgium	113.8 ^{ep}	111.6 ^{ep}	108.7 ^{ep}	105.5 ^{ep}	103.5 ^{ep}	100.0 ^{ep}	103.3 ^{ep}	105.6 ^{ep}	104.4 ^{ep}
Bulgaria	45.2 ^s	51.8 ^s	53.3 ^s	56.2 ^s	75.7 ^s	100.1 ^s	124.0 ^s	158.7 ^s	153.1 ^{ps}
Czech Republic	70.6	77.9	80.3	87.6	95.0	100.0	106.3	113.8	113.6
Denmark	103.4 ^e	96.0 ^e	95.0 ^e	97.4 ^e	97.2 ^e	100.0 ^e	109.9 ^e	113.9 ^e	110.6 ^e
Germany	131.0	121.0	115.9	110.9	105.2	99.5	105.8	108.9	108.2
Estonia	53.5 ^e	56.6 ^e	69.0 ^e	73.2 ^e	81.3 ^e	100.0 ^e	127.8 ^e	145.2 ^e	127.8 ^e
Ireland	71.9^e	74.3^e	75.9^e	80.1^e	88.8^e	100.0^e	100.5^e	91.1^e	67.7^{ep}
Greece	139.1 ^e	148.1 ^e	206.1 ^e	194.1 ^e	163.3 ^e	100.0 ^e	107.4 ^e	133.0 ^e	136.6 ^{ep}
Spain	76.9 ^e	82.8 ^e	82.6 ^p	88.5 ^p	90.6 ^p	99.8 ^p	102.0 ^p	97.6 ^p	81.6 ^p
France	99.2	99.7	97.8	96.6	96.0	99.5	103.4	106.6	107.0
Italy	: ^{cep}	: ^{cep}	: ^{cep}	: ^{cep}	: ^{cep}	: ^{cep}	: ^{cep}	: ^{cep}	: ^{cep}
Cyprus	81.7 ^e	84.4 ^e	87.1 ^e	93.1 ^e	97.3 ^e	100.0 ^e	104.0 ^e	110.6 ^e	: ^{cep}
Latvia	56.9 ^e	60.8 ^e	68.2 ^e	77.3 ^e	86.8 ^e	100.0 ^e	113.5 ^e	129.1 ^e	125.8 ^e
Lithuania	50.4 ^e	54.0 ^e	65.7 ^e	83.9 ^e	89.7 ^e	100.0 ^e	121.3 ^e	147.4 ^e	149.5 ^e
Luxembourg	95.6 ^e	99.4 ^e	101.4 ^e	102.3 ^e	100.9 ^e	100.0 ^e	102.5 ^e	103.9 ^e	102.3 ^e
Hungary	62.6	68.3	80.7	82.7	86.4	100.0	99.3	85.4	79.9
Malta	84.8 ^e	81.7 ^e	100.9 ^e	95.1 ^e	95.9 ^e	100.0 ^e	110.2 ^e	110.2 ^e	112.9 ^e
Netherlands	107.0 ^e	109.1 ^e	105.5 ^e	99.7 ^e	97.0 ^e	100.0 ^e	103.8 ^e	109.8 ^e	116.6 ^e
Austria	80.8 ^e	80.1 ^e	80.6 ^e	90.7 ^e	95.4 ^e	100.0 ^e	104.6 ^e	108.4 ^e	107.8 ^{ep}
Poland	122.7 ^e	109.8 ^e	99.2 ^e	92.4 ^e	91.5 ^e	100.0	115.8	134.8	148.0
Portugal	116.9 ^e	121.9 ^e	120.3 ^e	110.4 ^e	105.1 ^e	100.0	93.5	89.9	88.6
Romania	77.5	86.1	89.9	92.8	94.7	100.2	115.9	154.2	196.2
Slovenia	92.1	82.4	88.6	97.1	97.8	99.6	115.2	136.6	158.0
Slovakia	74.7 ^e	74.8 ^e	78.2 ^e	82.8 ^e	87.3 ^e	100.0 ^e	116.0 ^e	121.6 ^e	136.1 ^e
Finland	77.9 ^e	83.9 ^e	84.3 ^e	87.1 ^e	93.0 ^e	102.2 ^e	114.6 ^e	134.3 ^e	147.4 ^e
Sweden	92.7	97.7	98.3	98.3	97.3	100.0	108.8	117.1	124.1
United Kingdom	88.1	89.3	93.2	97.9	100.8	100.0	101.3	103.8 ^p	103.2 ^p

: Data not available, c Confidential, e Estimated Value, p Provisional data, s Eurostat estimate

Source: Eurostat

Data updated from previous publication

The Euro Area (EA16) consists of Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Finland and Slovakia.

The Euro Area (EA15) consists of Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia and Finland.

Table 3(b) Volume of Production in All Building and Construction in the EU27, the EU15, the Euro Areas and Member States, annual % changes q4 2006 to q42008

Base: Year 2005 = 100

	Q4 2006	Q1 2007	Q2 2007	Q3 2007	Q4 2007	Q1 2008	Q2 2008	Q3 2008	Q4 2008
EU27	5.7	7.4	2.3	1.5	-0.2	0.9 ^s	-1.7	-3.2	-7.0
EU15	5.1	6.6	1.7	1.1	-0.7	0.6 ^s	-2.4	-3.9	-7.6
Euro Area (EA16)	5.7	8.0	1.5	0.7	-1.9	-0.3 ^s	-3.9	-5.2	-8.0
Euro Area (EA15)	5.7	7.9	1.5	0.6	-1.9	-0.3 ^s	-3.9	-5.2	-8.1
Belgium	6.6 ^{ep}	8.9 ^{ep}	1.2 ^{ep}	0.9 ^{ep}	-1.0 ^{ep}	0.3 ^{ep}	3.5 ^{ep}	0.1 ^{ep}	-8.8 ^{ep}
Bulgaria	22.8 ^s	42.3 ^{ps}	26.1 ^{ps}	22.3 ^{ps}	23.8 ^{ps}	-3.4 ^{ps}	-0.8 ^{ps}	-2.6 ^{ps}	-7.2 ^{ps}
Czech Republic	7.2	28.9	8.0	-0.4	3.4	1.2	-2.5	5.2	-4.0
Denmark	4.0 ^e	10.9 ^e	4.4 ^e	-3.6 ^e	4.8 ^e	-3.0 ^e	-2.4 ^e	-3.6 ^e	-2.7 ^e
Germany	9.9	30.1	-0.6	-2.0	-3.5	2.9	-1.2	-1.4	-2.3
Estonia	18.4 ^e	28.6 ^e	10.8 ^e	8.3 ^e	13.1 ^e	-3.7 ^e	-6.2 ^e	-15.5 ^e	-19.8 ^e
Ireland	6.3^e	-12.4^e	-0.3^e	-6.5^{ep}	-16.9^{ep}	-24.4^e	-26.1^e	-23.3^{ep}	-26.7^{ep}
Greece	8.9 ^e	27.6 ^e	24.0 ^e	28.4 ^e	17.5 ^{ep}	4.1 ^e	8.2 ^e	2.9 ^e	-2.4 ^{ep}
Spain	2.4 ^p	0.9 ^p	-4.6 ^p	-5.5 ^p	-7.4 ^p	-9.4 ^p	-17.3 ^p	-18.6 ^p	-19.7 ^p
France	4.8	5.5	2.5	2.9	1.6	3.7	0.3	0.2	-2.7
Italy	8.9 ^e	10.3 ^e	4.7 ^e	7.0 ^e	: ^{cep}	3.5 ^e	1.1 ^e	-2.1 ^e	: ^{cep}
Cyprus	3.4 ^e	4.6 ^e	6.9 ^{ep}	8.2 ^{ep}	: ^{cep}	8.2 ^e	3.9 ^{ep}	1.8 ^{ep}	: ^{cep}
Latvia	11.1 ^e	16.1 ^e	15.9 ^e	14.0 ^e	10.4 ^e	6.4 ^e	5.7 ^e	-6.3 ^e	-10.3 ^e
Lithuania	25.6 ^e	45.5 ^e	29.3 ^e	16.1 ^e	10.6 ^e	12.6 ^e	5.6 ^e	3.4 ^e	-10.6 ^e
Luxembourg	3.7 ^e	12.9 ^e	1.6 ^e	-3.2 ^e	-4.3 ^e	-2.6 ^e	0.1 ^e	-2.0 ^e	-1.8 ^e
Hungary	0.5	-1.2	-6.3	-19.9	-21.5	-17.5	-6.3	-5.9	0.8
Malta	9.6 ^e	3.0 ^e	1.3 ^e	-3.2 ^e	-0.9 ^e	1.3 ^e	2.9 ^e	3.2 ^e	2.3 ^e
Netherlands	3.9 ^e	8.5 ^e	7.8 ^e	4.3 ^e	2.5 ^e	8.8 ^e	6.9 ^e	4.4 ^e	4.4 ^e
Austria	3.8 ^e	13.7 ^e	6.8 ^e	1.2 ^e	-1.9 ^{ep}	2.8 ^e	-0.8 ^e	-1.1 ^e	-2.0 ^{ep}
Poland	24.5	49.6	15.2	10.8	10.2	15.6	18.5	8.2	2.7
Portugal	-7.5	-7.2	-4.9	-2.9	0.0	-1.3	-1.7	-0.5	-2.3
Romania	9.0	24.7	30.2	28.7	42.4	36.7 ^p	41.4	27.8	14.6
Slovenia	34.4	43.9	32.7	16.3	0.1	32.3 ^p	16.9	15.6	4.3
Slovakia	14.2 ^e	20.3 ^e	7.0 ^e	1.6 ^e	-2.3 ^e	12.4 ^e	9.9 ^e	11.3 ^e	14.2 ^e
Finland	14.3 ^e	21.6 ^e	19.4 ^e	15.1 ^e	14.4 ^e	: ^{ce}	11.5 ^e	14.7 ^e	-0.3 ^e
Sweden	9.3	10.6	0.8	12.0	8.3	6.2	11.8	4.8	1.6
United Kingdom	2.9 ^p	2.2 ^p	2.8 ^p	2.4 ^p	2.5 ^p	3.4 ^p	1.8 ^p	0.0 ^p	-7.2 ^p

: Data not available, c Confidential, e Estimated Value, p Provisional Data, s Eurostat Estimate

Source: Eurostat

The Euro Area (EA16) consists of Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland.

The Euro Area (EA15) consists of Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia and Finland.

Background Notes

- Introduction** The quarterly production in building and construction index provides quarterly statistics on output in the sector. The index monitors trends in the value and the volume of production in building and construction. The primary purpose of the index is to measure changes in value added at constant prices.
- The principal difference between the value and volume indices is that the volume index traces the quantitative volume of production (i.e. effect of price changes excluded) each quarter. The Capital Goods price index for Building and Construction was used as the price deflator for this series.
- This series is also available using the interactive tables in the CSO's Database Direct on www.cso.ie
- Legal Basis** The survey is carried out in accordance with the Statistics (Quarterly Survey on Construction) Order 2004, Number 182 made under the 1993 Statistics Act. The statistics are also required for EU comparisons under Council Regulation (EC) No 1165/98.
- Reference Periods** The production in building and construction index is carried out on a quarterly basis (i.e. the first quarter covers January, February and March etc.).
- Base Year** The set of indices, based on the Laspeyres Index, has been compiled with reference to base year 2000 = 100. The underlying structural weighting system is based on annual output in the Building and Construction sector as published in the DKM Economic Consultants Review of the Construction Industry for the year 2003.
- Scope and Coverage** The production in building and construction index covers, on a sample basis, the production of all firms in the private (i.e. non-State) sector whose main activity is building, construction or civil engineering i.e. firms classified to division 45 of the Statistical Classification of Economic Activities in the European Community (NACE Rev.1.1). Approximately 2,000 firms are surveyed every quarter.
- Methodology** A detailed description of the methodology is available on the CSO website at: http://www.cso.ie/surveysandmetho_Hlt178153707d_Hlt178153707ologies/documents/pdf_docs/qsc_methodology.pdf

Comparison with other national series

As the QSC is a relatively new survey, the CSO still considers the results to be experimental at this stage. There are differences (due to timing, definitions and other factors) between the quarterly and annual trends measured by this survey and by other national data sources. In particular the quarterly series from the QSC show considerable volatility. Table A, below, compares the main *annual* results of the survey with national employment and house building indicators.

The new series shows a decrease of 5.1% in the annual volume of production in building and construction, between 2000 and 2008. In the same period, employment in the sector, as measured by the QNHS, grew by 31%.

For residential buildings, the QSC shows a decrease of 39.4% in the annual volume of production between 2000 and 2008, whereas the house completions series shows an increase of 3.8%. These two series also show substantially different trends between 2007 and 2008.

Data on house-building commencements, a relatively new leading indicator, are also included in Table A. This indicator suggests a substantial slowdown in residential building in 2008 compared to 2007.

Table A: Comparison of Building and Construction sector indicators

	New CSO Series			Other Indicators		
	Volume of production in building and construction	Volume of production in civil engineering	Volume of production in residential building	Persons In Employed in the Construction Sector ^{1,5}	House Completions ²	House Commencement Notices ³
	Index	Index	Index	No.	No.	No.
	2000=100	2000=100	2000=100			
2000	100.0	100.0	100.0	178,100	49,812	n/a
2001	103.4	112.2	104.0	185,400	52,602	n/a
2002	105.5	129.5	105.8	190,100	57,695	n/a
2003	111.5	131.3	117.5	199,400	68,819	n/a
2004	123.6	130.0	138.2	227,300	76,954	77,691
2005	139.2	149.2	159.7	254,300	86,189	77,709
2006	139.7	166.7	151.5	284,600	88,187	75,602
2007	126.8	205.0	115.3	279,000	78,027	48,876
2008	94.9 ⁴	199.0 ⁴	60.6 ⁴	233,100	51,724	22,852

¹ Quarterly National Household Survey, September - November quarter.

² The 2005 figure incorporates an upward adjustment by the CSO of about 5,200 units.

The adjustment takes account of work in progress which had not been included in the DoEHLG data for 2005.

The 2006 figure incorporates a corresponding adjustment downwards.

³ Source DoEHLG. Data not available prior to 2004.

⁴ Provisional

⁵ Revised

