

**Department of Finance and Personnel**

**Northern Ireland  
Construction Bulletin**

**1 April to 30 June 2004**



**A National Statistics Publication**

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# Northern Ireland Construction Bulletin

## 1 April to 30 June 2004

### Introduction

The Northern Ireland Construction Bulletin is produced by the Central Survey Unit of the Northern Ireland Statistics and Research Agency, on behalf of the Department of Finance and Personnel.

The Bulletin contains information on the value of Construction Output in Northern Ireland. These figures are derived from the Northern Ireland Quarterly Construction Enquiry (QCE). This is a statutory survey of construction firms operating in Northern Ireland. Each quarter a sample of construction firms are asked to provide details of the value of construction activity they have undertaken in a specified period. The QCE principally produces the Index of Construction, which is an estimate of the volume of construction output. It is an important economic indicator, which contributes to the calculation of UK GDP.

Additional information on the Northern Ireland Construction Industry is also contained in the Bulletin. This information is provided by the Statistics Research Branch of the Department of Enterprise, Trade and Investment and the Health and Safety Executive Northern Ireland (from a variety of survey sources).

### Key Findings

The key findings from the QCE covering the period 1 April - 30 June 2004 were as follows:

- The seasonally adjusted Index of Construction was 104.0, up 3.2 points on the previous quarter (100.8) and up 1.6 points on the corresponding quarter in 2003 (102.4) (Table 1.1)
- The estimated seasonally adjusted value of construction output (at 2000 prices) was £577 million, an increase of 3.2% (£18 million) on the previous quarter (£559 million) and an increase of 1.6% on the corresponding quarter in 2003 (£568 million) (Table 1.7)

# Chapter 1

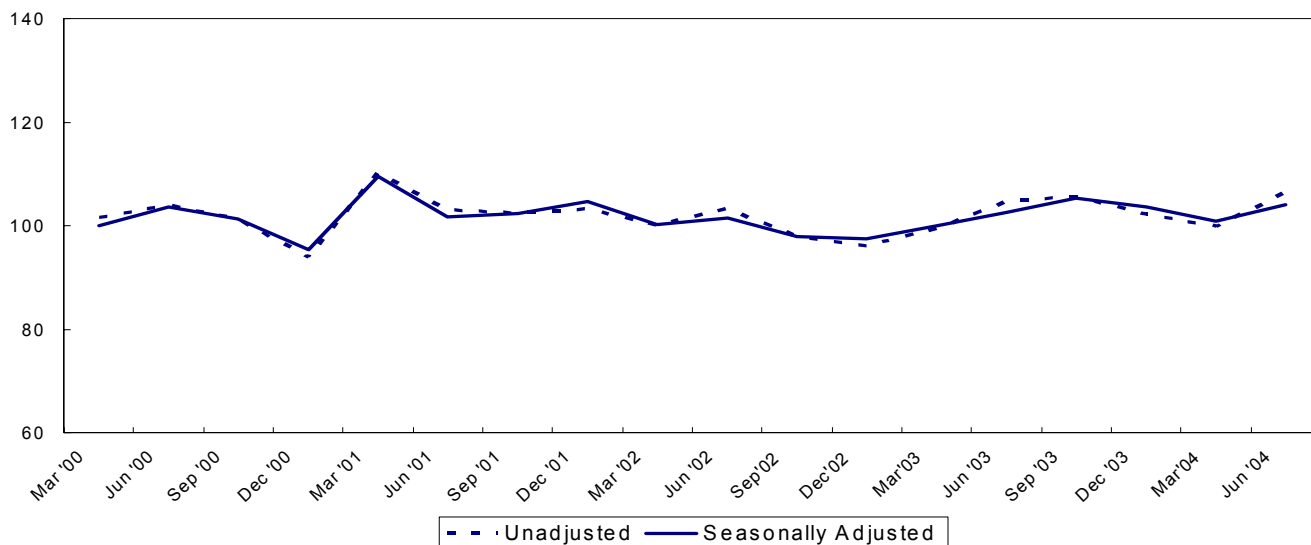
# Output

## 1.1 INDEX OF CONSTRUCTION (2000 = 100)

Quarters ending March 2000 to June 2004

Year / Quarter		Unadjusted	Seasonally Adjusted
2000	Jan - Mar	101.4	100.0
	Apr - Jun	103.8	103.6
	Jul - Sep	101.3	101.3
	Oct - Dec	93.9	95.3
2001	Jan - Mar	110.2	109.6
	Apr - Jun	102.9	101.8
	Jul - Sep	102.4	102.3
	Oct - Dec	103.2	104.7
2002	Jan - Mar	100.0	100.2
	Apr - Jun	103.3	101.5
	Jul - Sep	97.9	97.8
	Oct - Dec	96.1	97.5
2003	Jan - Mar	99.3	100.0
	Apr - Jun	104.6	102.4
	Jul - Sep	105.5	105.3
	Oct - Dec	102.2	103.7
2004	Jan - Mar	99.7	100.8
	Apr - Jun	106.4	104.0

**Index of Construction**  
Quarters ending March 2000 to June 2004

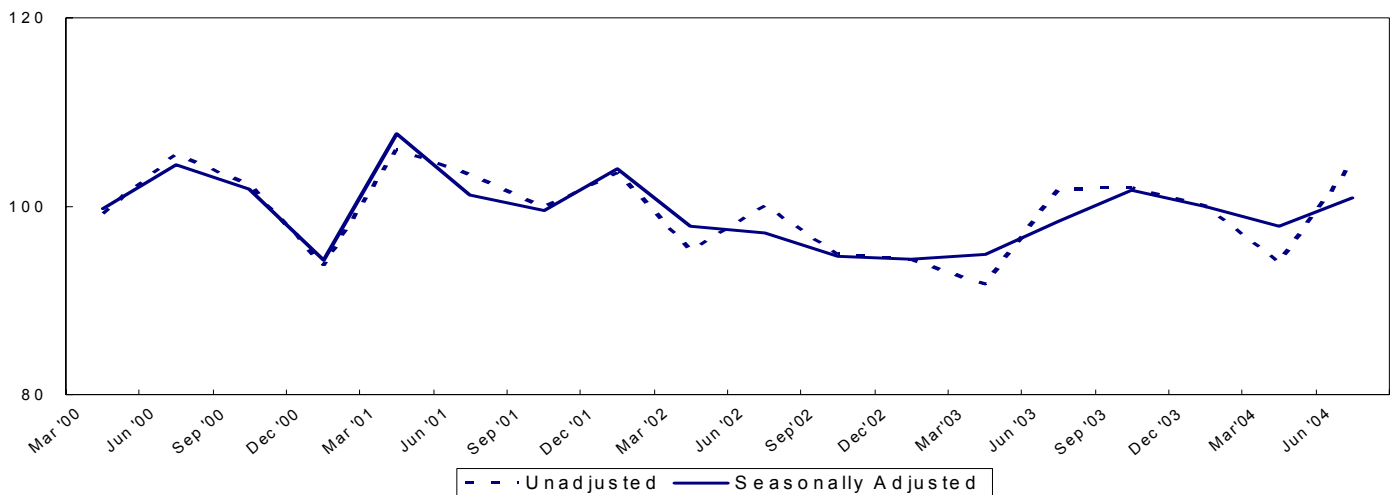


**1.2 INDEX OF NEW WORK<sup>1</sup> (2000 = 100)**  
**Quarters ending March 2000 to June 2004**

Year / Quarter		Unadjusted	Seasonally Adjusted
2000	Jan - Mar	99.2	99.7
	Apr - Jun	105.5	104.3
	Jul - Sep	102.2	101.8
	Oct - Dec	93.6	94.2
2001	Jan - Mar	105.9	107.7
	Apr - Jun	103.4	101.2
	Jul - Sep	99.8	99.6
	Oct - Dec	103.6	104.0
2002	Jan - Mar	95.3	97.9
	Apr - Jun	100.1	97.2
	Jul - Sep	94.9	94.7
	Oct - Dec	94.2	94.4
2003	Jan - Mar	91.7	94.9
	Apr - Jun	101.8	98.4
	Jul - Sep	101.9	101.7
	Oct - Dec	99.9	100.0
2004	Jan - Mar	94.1	97.9
	Apr - Jun	104.5	100.9

<sup>1</sup> New work relates to new construction including housing, factory and office extensions, major reconstruction, major alteration, site preparation and demolition

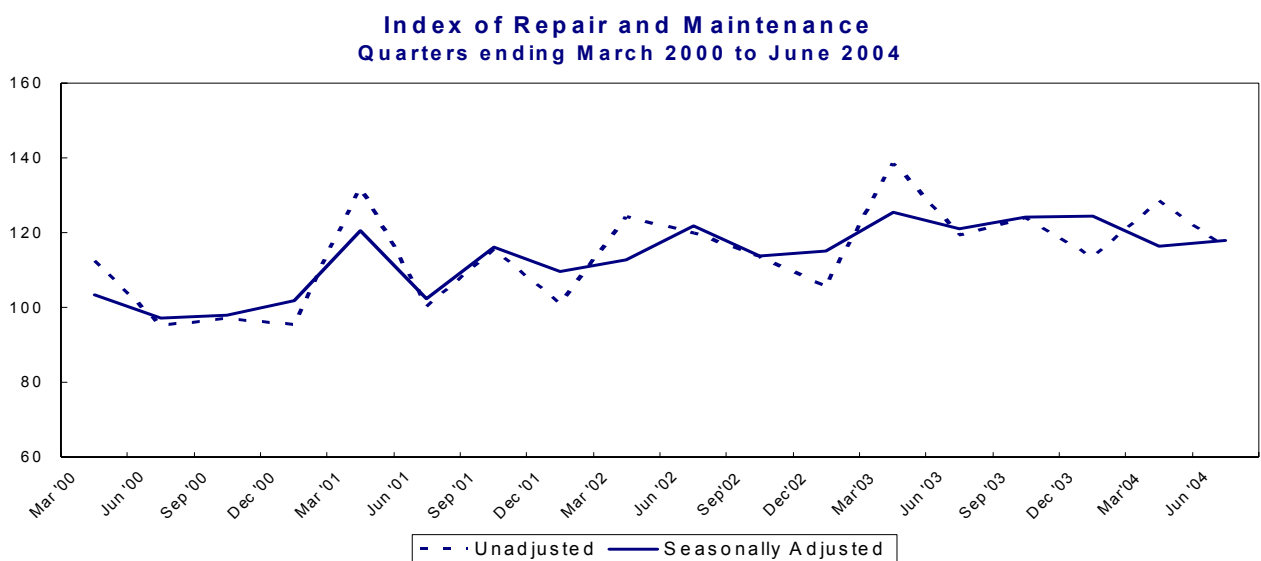
**Index of New Work**  
**Quarters ending March 2000 to June 2004**



### 1.3 INDEX OF REPAIR & MAINTENANCE<sup>1</sup> (2000 = 100) Quarters ending March 2000 to June 2004

Year / Quarter		Unadjusted	Seasonally Adjusted
2000	Jan - Mar	112.6	103.3
	Apr - Jun	95.2	97.2
	Jul - Sep	96.9	98.0
	Oct - Dec	95.2	101.9
2001	Jan - Mar	132.1	120.4
	Apr - Jun	100.4	102.4
	Jul - Sep	115.6	116.2
	Oct - Dec	101.2	109.6
2002	Jan - Mar	124.3	112.8
	Apr - Jun	119.6	121.8
	Jul - Sep	113.4	113.8
	Oct - Dec	105.5	115.1
2003	Jan - Mar	138.5	125.5
	Apr - Jun	119.2	121.1
	Jul - Sep	123.9	124.1
	Oct - Dec	113.6	124.5
2004	Jan - Mar	128.7	116.5
	Apr - Jun	116.2	117.9

<sup>1</sup> Repair & Maintenance includes all on-site work not defined as new construction.

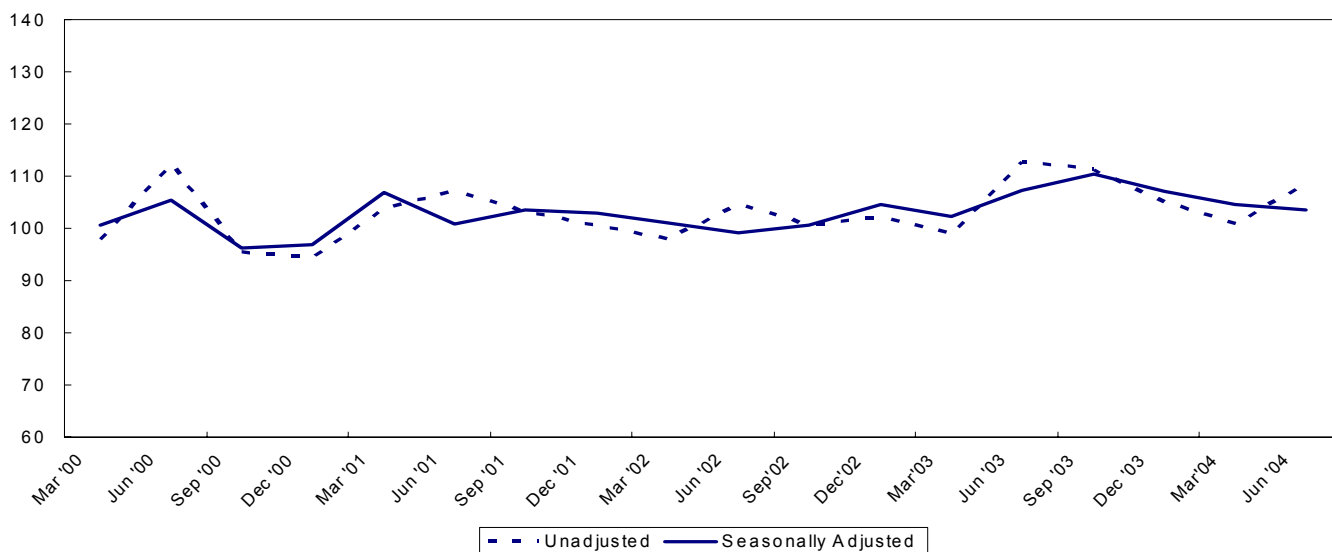


**1.4 INDEX OF HOUSING<sup>1</sup> (2000 = 100)**  
**Quarters ending March 2000 to June 2004**

Year / Quarter		Unadjusted	Seasonally Adjusted
2000	Jan - Mar	98.0	100.5
	Apr - Jun	112.3	105.5
	Jul - Sep	95.4	96.2
	Oct - Dec	94.3	97.0
2001	Jan - Mar	103.8	106.8
	Apr - Jun	107.1	100.9
	Jul - Sep	103.1	103.5
	Oct - Dec	100.3	103.0
2002	Jan - Mar	97.8	101.0
	Apr - Jun	104.6	99.1
	Jul - Sep	100.7	100.6
	Oct - Dec	102.1	104.5
2003	Jan - Mar	98.9	102.4
	Apr - Jun	112.6	107.2
	Jul - Sep	111.2	110.5
	Oct - Dec	105.0	107.1
2004	Jan - Mar	100.8	104.6
	Apr - Jun	108.5	103.6

<sup>1</sup> Housing relates to all housing construction activity, both private and public sector.

**Index of Housing**  
**Quarters Ending March 2000 to June 2004**

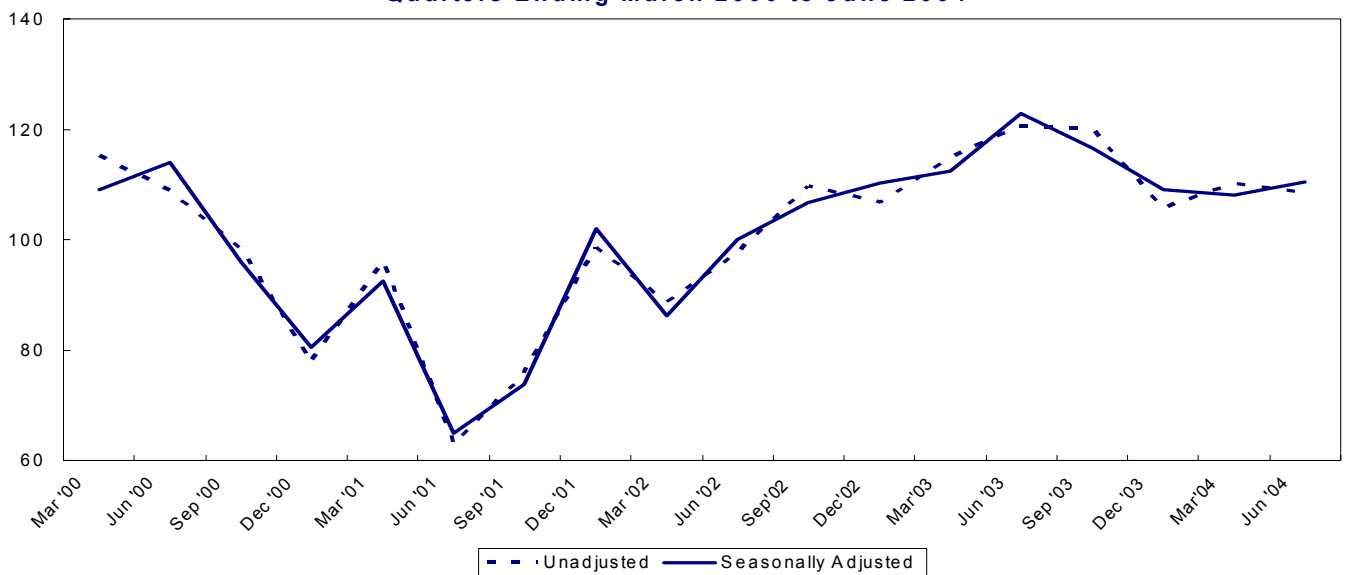


**1.5 INDEX OF INFRASTRUCTURE <sup>1</sup> (2000 = 100)**  
**Quarters ending March 2000 to June 2004**

Year / Quarter		Unadjusted	Seasonally Adjusted
2000	Jan - Mar	115.2	109.1
	Apr - Jun	108.9	113.9
	Jul - Sep	98.5	96.0
	Oct - Dec	77.8	80.4
2001	Jan - Mar	96.1	92.5
	Apr - Jun	62.9	64.8
	Jul - Sep	75.8	73.8
	Oct - Dec	98.6	101.9
2002	Jan - Mar	88.8	86.1
	Apr - Jun	97.6	100.0
	Jul - Sep	109.7	106.7
	Oct - Dec	106.8	110.2
2003	Jan - Mar	115.0	112.4
	Apr - Jun	120.5	122.9
	Jul - Sep	119.8	116.5
	Oct - Dec	105.8	109.0
2004	Jan - Mar	110.1	108.1
	Apr - Jun	108.5	110.5

<sup>1</sup> Infrastructure includes work on roads and car parks, water and sewerage, electricity, gas, communication, air transport, railways, harbours and waterways

**Index of Infrastructure**  
**Quarters Ending March 2000 to June 2004**



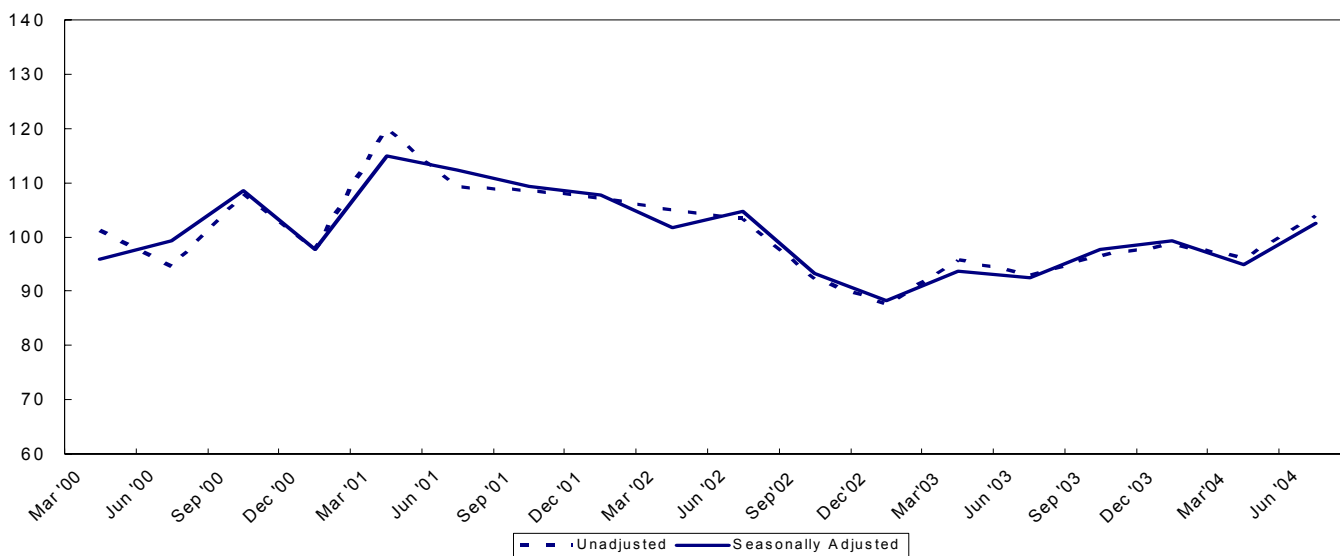


## 1.6 INDEX OF OTHER WORK<sup>1</sup> (2000 = 100) Quarters ending March 2000 to June 2004

Year / Quarter	Unadjusted	Seasonally Adjusted	
2000	Jan - Mar	101.1	95.9
	Apr - Jun	94.4	99.3
	Jul - Sep	107.8	108.6
	Oct - Dec	97.6	97.6
2001	Jan - Mar	119.9	114.9
	Apr - Jun	109.1	112.4
	Jul - Sep	108.5	109.4
	Oct - Dec	107.1	107.7
2002	Jan - Mar	105.0	101.7
	Apr - Jun	103.4	104.6
	Jul - Sep	92.2	93.2
	Oct - Dec	87.5	88.2
2003	Jan - Mar	95.6	93.8
	Apr - Jun	92.9	92.4
	Jul - Sep	96.4	97.8
	Oct - Dec	98.5	99.4
2004	Jan - Mar	96.0	94.9
	Apr - Jun	103.9	102.6

<sup>1</sup>Other work includes factories, warehouse, oil, steel, gas and coal, school, colleges, offices, banks, shops, universities, entertainment, agriculture, health, welfare, garages and miscellaneous.

**Index of Other Work**  
Quarters Ending March 2000 to June 2004



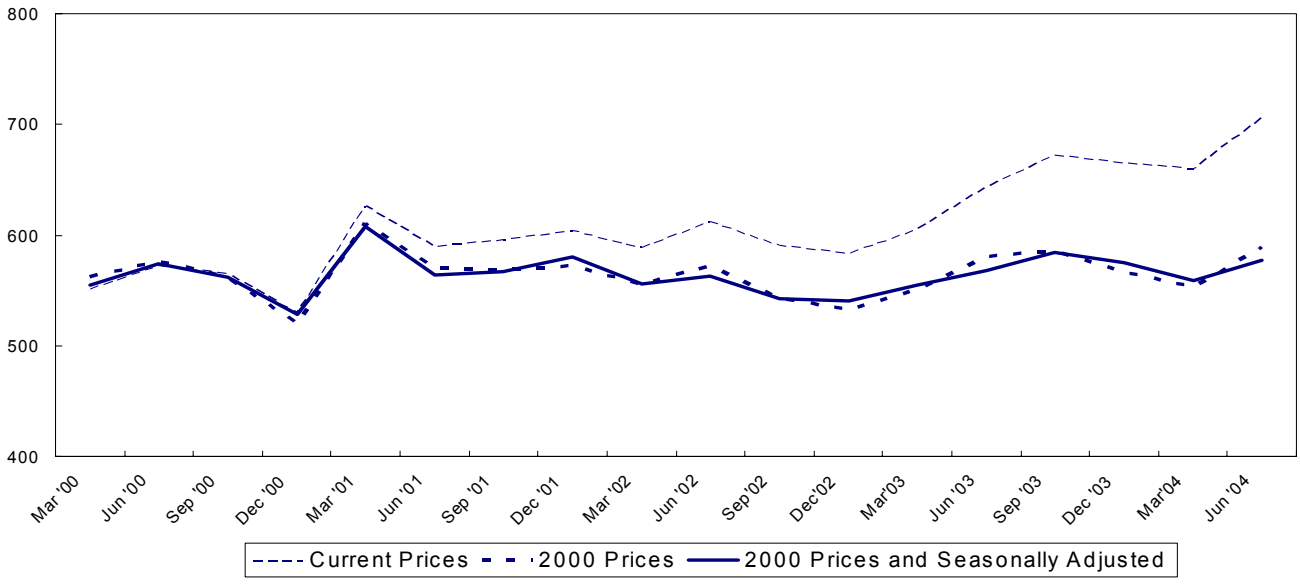
## 1.7 VALUE OF CONSTRUCTION OUTPUT (2000 = 100)

Quarters ending March 2000 to June 2004

Year / Quarter	Current prices (£ Million)	2000 prices (£ Million)	2000 prices and Seasonally Adjusted (£ Million)
2000 Jan - Mar	551	562	554
Apr - Jun	572	576	575
Jul - Sep	565	562	561
Oct - Dec	529	520	528
<b>Total</b>	<b>2,218</b>	<b>2,220</b>	<b>2,219</b>
2001 Jan - Mar	626	611	608
Apr - Jun	590	570	564
Jul - Sep	595	568	567
Oct - Dec	604	572	581
<b>Total</b>	<b>2,415</b>	<b>2,321</b>	<b>2,320</b>
2002 Jan - Mar	589	554	556
Apr - Jun	612	572	563
Jul - Sep	591	543	542
Oct - Dec	583	533	540
<b>Total</b>	<b>2,374</b>	<b>2,202</b>	<b>2,201</b>
2003 Jan - Mar	604	550	554
Apr - Jun	643	580	568
Jul - Sep	672	585	584
Oct - Dec	665	566	575
<b>Total</b>	<b>2,585</b>	<b>2,282</b>	<b>2,281</b>
2004 Jan - Mar	659	553	559
Apr - Jun	706	590	577

### Value of Construction Output Quarters Ending March 2000 to June 2004

£M million



## 1.8 (a) Output<sup>1</sup>

Current Prices (£ million)

YEAR/ QUARTER	New housing		Other New Work non-housing				All New Work	Repair and Maintenance					All Repair & maintenance	All Work
	Public	Private	Infra - structure	Other New Work exc infrastructure				Housing		Other Work				
				Public	Private Industrial	Private Commercial		Public	Private	Infra - structure	Public	Private		
2000 Jan - Mar	24.2	162.8	56.0	90.7	22.9	94.4	451.1	23.8	19.6	15.8	31.0	9.6	99.8	550.9
Apr - Jun	22.4	205.8	54.5	93.5	27.3	84.5	488.1	21.0	20.9	13.9	17.4	11.2	84.4	572.5
Jul - Sep	20.4	172.8	53.2	114.0	20.3	96.0	476.7	18.6	20.4	9.8	25.2	14.7	88.6	565.4
Oct - Dec	20.4	181.3	33.0	91.2	18.8	96.7	441.4	16.6	14.1	17.4	22.4	17.0	87.5	528.9
2001 Jan - Mar	26.4	190.3	44.4	114.5	21.1	107.6	504.3	23.3	19.0	18.3	34.9	26.7	122.1	626.4
Apr - Jun	30.2	199.7	31.9	120.4	18.6	95.9	496.8	21.5	18.8	9.3	18.7	24.4	92.8	589.6
Jul - Sep	25.7	196.4	33.5	119.2	12.0	99.4	486.3	24.9	18.6	16.6	25.3	23.8	109.2	595.4
Oct - Dec	29.4	195.9	48.3	102.2	19.2	112.6	507.6	18.5	17.7	17.8	26.9	15.1	96.0	603.7
2002 Jan - Mar	32.8	173.5	43.7	91.4	23.3	105.2	470.0	33.4	17.6	16.2	35.4	16.1	118.7	588.7
Apr - Jun	36.7	188.5	46.7	93.3	22.3	108.8	496.4	34.9	17.2	19.3	25.2	18.5	115.2	611.6
Jul - Sep	29.8	197.6	51.0	89.0	20.8	88.6	476.7	30.3	14.7	24.8	21.9	22.1	113.8	590.5
Oct - Dec	32.3	197.5	50.2	74.1	33.6	88.5	476.2	31.4	17.4	24.1	20.6	13.1	106.7	582.9
2003 Jan - Mar	27.4	184.0	55.3	96.8	20.2	79.9	463.5	35.0	24.2	24.8	39.9	16.9	140.8	604.3
Apr - Jun	27.8	229.2	60.2	82.5	32.8	88.7	521.1	32.5	22.7	24.6	25.4	17.2	122.4	643.5
Jul - Sep	27.7	247.0	59.4	95.4	17.7	94.4	541.6	26.6	28.0	24.0	31.4	20.4	130.4	672.0
Oct - Dec	30.4	238.1	51.9	106.3	21.8	96.1	544.6	29.5	21.6	22.9	27.4	18.9	120.3	664.9
2004 Jan - Mar	25.6	233.3	48.9	100.8	19.5	94.0	522.2	29.5	24.8	30.8	36.4	15.5	137.1	659.3
Apr - Jun	28.3	258.1	52.2	97.3	20.0	125.1	581.0	33.7	20.7	26.3	26.0	18.1	124.7	705.7

<sup>1</sup> Includes output by contractors and public sector direct labour departments

## 1.8 (b) Output<sup>1</sup>

Constant (2000) Prices and Seasonally Adjusted (£ million)

YEAR/ QUARTER	New housing		Other New Work non-housing				All New Work	Repair and Maintenance						All Work
	Public	Private	Infra - structure	Other New Work exc				Housing		Other Work			All Repair & Maintenance	
				Public	Private Industrial	Private Commercial		Public	Private	Infra - structure	Public	Private		
2000 Jan - Mar	22.8	175.6	57.1	86.5	21.0	95.7	463.0	22.8	19.5	13.6	24.7	10.0	93.1	554.5
Apr - Jun	21.3	196.3	56.7	98.6	26.5	89.5	484.4	20.8	20.3	15.7	21.7	11.2	87.6	574.5
Jul - Sep	21.9	168.7	50.5	109.4	23.7	94.9	472.7	19.1	20.4	10.2	25.6	13.8	88.3	561.4
Oct - Dec	20.7	179.9	32.9	95.5	18.2	93.0	437.4	17.3	14.8	17.0	24.0	17.4	91.8	528.1
2001 Jan - Mar	24.6	193.4	43.4	108.7	19.1	106.6	500.2	21.2	17.6	15.9	26.0	26.7	108.5	607.7
Apr - Jun	27.7	180.9	31.4	120.6	17.6	96.4	469.6	20.2	17.8	9.8	22.5	23.4	92.3	564.2
Jul - Sep	26.8	178.6	31.0	110.5	14.3	96.8	462.3	25.1	18.0	16.4	24.8	21.2	104.7	567.1
Oct - Dec	28.3	182.0	46.4	103.7	18.0	107.4	482.6	18.9	18.1	16.7	28.6	15.5	98.8	580.6
2002 Jan - Mar	30.3	166.4	41.5	86.0	20.7	105.3	454.7	29.2	15.5	14.1	25.2	15.5	101.7	555.7
Apr - Jun	32.5	161.6	44.2	90.6	20.4	105.8	451.1	31.0	15.8	19.3	28.9	17.2	109.8	562.6
Jul - Sep	29.9	170.7	45.9	80.7	24.8	87.5	439.7	29.3	13.5	22.6	20.4	18.2	102.5	542.2
Oct - Dec	29.7	174.2	46.8	72.0	30.1	85.5	438.2	30.0	16.5	21.4	20.7	12.9	103.8	540.4
2003 Jan - Mar	25.3	171.4	52.0	90.1	17.6	81.7	440.7	28.8	20.0	20.4	26.8	15.2	113.1	554.4
Apr - Jun	24.0	189.4	55.1	77.8	28.7	84.1	457.0	26.8	19.9	22.6	26.8	15.1	109.1	567.9
Jul - Sep	26.7	190.8	54.8	85.4	21.3	92.2	472.0	25.0	24.9	20.0	28.0	16.0	111.8	583.7
Oct - Dec	26.0	183.9	48.2	99.5	19.4	87.6	464.0	26.9	19.4	19.4	26.2	17.9	112.2	574.8
2004 Jan - Mar	22.5	187.4	45.0	89.0	17.3	92.2	454.6	23.3	19.6	24.3	23.5	13.4	105.0	558.6
Apr - Jun	23.0	183.4	46.8	87.9	18.1	110.7	468.3	26.4	17.5	23.0	25.8	15.2	106.3	576.7

<sup>1</sup> Includes output by contractors and public sector direct labour departments

## 1.9 Output<sup>1</sup> (Private Contractors only) by Stratum<sup>2</sup> of Firm

Current Prices (£million)

2nd Quarter 2004

Stratum of Firm	Annual Turnover (£'000)	New housing		Other New Work non-housing				All New Work	Repair and Maintenance						All Work
		Public	Private	Infra - structure	Other New Work exc				Housing		Other Work			All Repair & maintenance	
					Public	Private Industrial	Private Commercial		Public	Private	Infra-structure	Public	Private		
1	0-99	0.0	4.0	0.0	0.0	0.0	0.4	4.5	0.0	2.6	0.0	0.8	0.3	3.7	8.1
2	100-499	0.5	51.6	5.3	1.6	0.0	8.3	67.3	8.5	12.5	4.7	3.4	6.4	35.5	102.8
3	500-1,999	5.7	66.5	2.2	7.5	2.5	23.6	107.9	11.2	3.2	1.4	4.9	3.4	24.2	132.0
4	2,000-4,999	9.1	53.0	4.9	17.1	5.3	15.6	105.0	8.9	1.0	3.6	1.2	3.5	18.1	123.1
5	5,000-9,999	7.3	38.6	10.1	9.9	3.3	13.7	82.9	4.1	0.0	4.0	1.8	3.2	13.2	96.2
6	10,000+	5.7	44.4	29.5	50.4	8.9	63.4	202.4	0.1	1.4	0.6	1.3	1.3	4.6	207.0
<b>Total</b>		<b>28.3</b>	<b>258.1</b>	<b>52.0</b>	<b>86.5</b>	<b>20.0</b>	<b>125.1</b>	<b>570.0</b>	<b>32.8</b>	<b>20.7</b>	<b>14.3</b>	<b>13.5</b>	<b>18.1</b>	<b>99.3</b>	<b>669.3</b>

<sup>1</sup>Includes output by Contractors only

<sup>2</sup> Firms are stratified by turnover

## 1.10 Contractors Output<sup>1</sup> (New Work Only) by Type of Work

Current Prices (£ million)

### a) New Work for Public Sector

Year	New housing	Infra - structure	Factories	Ware-houses	Oil, steel & coal	Schools & Colleges	Uni-versities	Health	Offices	Enter - tainment	Garages	Shops	Agri- culture	Miscell- aneous	All public sector
2000	87.4	137.5	5.0	3.3	0.0	80.1	11.8	68.1	30.6	88.8	0.0	0.0	0.5	63.6	576.6
2001	111.8	113.3	3.6	2.1	0.0	172.3	16.0	55.3	42.0	35.9	0.0	0.0	1.2	86.7	640.3
2002	131.6	149.9	3.9	10.2	0.0	107.4	12.5	32.0	36.4	27.4	0.0	0.0	2.2	72.1	585.6
2003	113.2	165.5	2.5	3.0	0.0	111.2	25.6	78.3	26.8	17.1	0.0	0.0	0.0	53.2	596.4

### b) New Work for Private Sector

Year	New housing	Infra - structure	Factories	Ware-houses	Oil, steel & coal	Schools & Colleges	Uni-versities	Health	Offices	Enter- tainment	Garages	Shops	Agri- culture	Miscell- aneous	All private sector
2000	722.7	58.7	68.0	21.3	0.0	0.0	0.0	12.3	116.2	96.6	5.6	44.4	0.1	96.5	1242.3
2001	782.4	44.0	46.0	23.9	1.0	0.0	0.0	10.8	100.5	83.5	7.7	109.8	0.2	103.0	1312.9
2002	757.1	41.2	59.3	40.7	0.0	0.0	0.0	8.9	51.3	80.6	5.3	109.2	0.0	136.0	1289.5
2003	898.2	61.0	42.4	49.3	0.8	0.0	0.0	19.3	42.7	39.1	4.3	122.8	1.2	129.7	1410.8

### c) New Work for Public and Private Sector

Year	New housing	Infra - structure	Factories	Ware-houses	Oil, steel & coal	Schools & Colleges	Uni-versities	Health	Offices	Enter - tainment	Garages	Shops	Agri- culture	Miscell- aneous	All Public & Private Work
2000	810.1	196.3	72.9	24.6	0.0	80.1	11.8	80.3	146.7	185.4	5.6	44.4	0.5	160.1	1818.9
2001	894.2	157.4	49.6	25.9	1.0	172.3	16.0	66.2	142.5	119.4	7.7	109.8	1.4	189.7	1953.2
2002	888.7	191.1	63.3	50.9	0.0	107.4	12.5	40.9	87.7	108.0	5.3	109.2	2.2	208.1	1875.2
2003	1011.5	226.4	44.9	52.2	0.8	111.2	25.6	97.6	69.5	56.2	4.3	122.8	1.2	182.9	2007.1

<sup>1</sup> Includes output by contractors only

# 1.11 NATIONAL LOTTERY AWARDS TO NORTHERN IRELAND <sup>1</sup>

Quarters Ending March 2000 to June 2004

Year / Quarter	ARTS		HERITAGE		HEALTH, EDUCATION & ENVIRONMENT		CHARITIES		SPORTS		TOTAL	
	No. of Awards	Total Capital Value (£Thous)	No. of Awards	Total Capital Value (£Thous)	No. of Awards	Total Capital Value (£Thous)	No. of Awards	Total Capital Value (£Thous)	No. of Awards	Total Capital Value (£Thous)	No. of Awards	Total Capital Value (£Thous)
2000 Jan - Mar	14	361.7	7	938.6	0	0	29	417.1	0	0	50	1717.36
Apr - Jun	2	20.0	10	5018.0	0	0	27	612.1	0	0	39	5650.10
Jul - Sep	0	0	1	162.0	0	0	22	82.0	0	0	23	244.00
Oct - Dec	8	137.6	6	1082.8	0	0	14	122.7	0	0	28	1343.10
2001 Jan - Mar	15	273.4	7	5448.6	0	0	3	61.3	37	1665.9	62	7449.20
Apr - Jun	22	890.3	3	889.5	0	0	1	1.3	14	618.5	37	2339.50
Jul - Sep	1	3.3	7	4996.0	0	0	30	166.0	7	18.3	48	5183.60
Oct - Dec	4	9.3	5	1222.5	3	9.9	18	151.6	9	520.6	39	1913.90
2002 Jan - Mar	11	36.3	15	3995.5	29	83.8	47	241.8	16	40.9	118	4398.40
Apr - Jun	11	92.8	2	52.7	22	76.5	27	137.5	7	14.8	69	374.30
Jul - Sep	13	375.5	15	4308.9	10	36.0	18	323.5	12	28.8	68	5072.60
Oct - Dec	3	8.8	5	1605.0	15	263.0	16	833.1	12	32.0	51	2741.92
2003 Jan - Mar	4	329.9	15	4023.4	30	192.5	44	555.9	20	48.8	113	5150.49
Apr - Jun	30	757.5	1	10.9	26	1661.2	11	73.9	13	35.7	81	2539.24
Jul - Sep	6	55.9	2	8.4	24	656.0	22	343.3	8	22.8	62	1086.54
Oct - Dec	8	23.8	2	53.7	25	524.6	12	41.7	15	46.0	62	689.80
2004 Jan - Mar	2	8.6	10	4198.6	19	82.9	7	504.9	7	28.0	45	4822.90
Apr - Jun	5	19.0	6	458.9	6	24.6	7	23.7	12	38.8	36	565.00

<sup>1</sup> Figures relate only to those awards with a capital element.



## Chapter 2 The Structure of the Industry

### 2.1 STRUCTURE OF THE CONSTRUCTION INDUSTRY

The table below shows the number of businesses that are either registered for VAT with HM Customs and Excise or which operate a PAYE scheme with the Inland Revenue, at June 2004

SIC (2003) class/ subclass	Description	Turnover (£000) size band						Total
		0 -99	100 - 499	500 - 1,999	2,000 - 4,999	5,000 - 9,999	10,000+	
45.11	Demolition and wrecking of buildings; earth moving	60	40	10	0	0	0	105
45.12	Test drilling and boring	5	5	0	0	0	0	5
45.21	General construction of buildings and civil engineering works	980	1,335	545	145	40	40	3,085
45.22	Erection of roof coverings and frames	50	80	15	5	0	0	150
45.23	Construction of motorways, roads, railways, airfields and sports facilities	50	90	20	5	0	0	165
45.24	Construction of water projects	5	5	0	0	0	0	5
45.25	Other construction work involving special trades	305	230	45	10	0	0	590
45.31	Installation of electrical wiring and fittings	470	355	110	30	10	5	980
45.32	Insulation work activities	20	25	10	0	0	0	55
45.33	Plumbing	340	350	70	20	5	0	785
45.34	Other building installation	75	75	15	0	0	0	165
45.41	Plastering	150	125	10	0	0	0	290
45.42	Joinery installation	430	350	65	10	0	0	860
45.43	Floor and wall covering	45	65	15	5	0	0	130
45.44	Painting and glazing	185	225	25	5	5	0	440
45.45	Other building completion	115	110	20	0	0	0	250
45.50	Renting of construction or demolition equipment with operator	145	80	25	5	0	0	255
<b>Total</b>		<b>3,425</b>	<b>3,540</b>	<b>1,000</b>	<b>240</b>	<b>65</b>	<b>50</b>	<b>8,320</b>

Source: Inter Departmental Business Register, Office for National Statistics, Statistics Research Branch, Department of Enterprise, Trade and Investment

Figures have been rounded to the nearest 5 to avoid disclosure and thus figures may not add back to totals.

**2.2 NORTHERN IRELAND CENSUS OF EMPLOYMENT  
SEPTEMBER 2001  
EMPLOYEE JOBS**

SIC92	BUSINESS DESCRIPTIONS	Male Full-time	Male Part-time	Male	Female Full-time	Female Part-time	Female	Total
<b>F</b>	<b>CONSTRUCTION</b>	31,068	1,415	32,483	2,310	1,296	3,606	36,089
45	Construction	31,068	1,415	32,483	2,310	1,296	3,606	36,089
451	Site preparation	456	14	470	12	9	21	491
4511	Demolition and wrecking of buildings; earth moving	*	*	*	*	*	*	*
4512	Test drilling and boring	*	*	*	*	*	*	*
452	Building of complete constructions or parts thereof; civil engineering	16,757	801	17,558	1,239	671	1,910	19,468
4521	General construction of buildings and civil engineering works	12,946	630	13,576	1,054	568	1,622	15,198
4522	Erection of roof covering and frames	*	*	*	*	*	*	*
4523	Construction of highways, roads, airfields and sports facilities	1,992	56	2,048	70	26	96	2,144
4524	Construction of water projects	*	*	*	*	*	*	*
4525	Other construction work involving special trades	1,292	88	1,380	80	43	123	1,503
45211	Construction of commercial buildings	710	25	735	47	25	72	807
45212	Construction of domestic buildings	7,636	483	8,119	565	420	985	9,104
45213	Construction of civil engineering constructions	4,600	122	4,722	442	123	565	5,287
453	Building installation	8,551	207	8,758	715	377	1,092	9,850
4531	Installation of electrical wiring and fittings	5,474	112	5,586	429	194	623	6,209
4532	Installation work activities	271	11	282	27	16	43	325
4533	Plumbing	2,582	70	2,652	230	151	381	3,033
4534	Other building installation	224	14	238	29	16	45	283
454	Building completion	4,632	372	5,004	320	221	541	5,545
4541	Plastering	527	62	589	14	8	22	611
4542	Joinery installation	1,644	158	1,802	109	94	203	2,005
4543	Floor and wall covering	228	18	246	41	22	63	309
4544	Painting and glazing	1,574	105	1,679	123	63	186	1,865
4545	Other building completion	659	29	688	33	34	67	755
455	Renting of construction or demolition equipment with operator	672	21	693	24	18	42	735
*	Not shown due to either no employees or confidentiality constraints							

Source: NI Census of Employment, DETI, September 2001

NOTES: 1 The Census of Employment is a statutory enquiry of all employers in Northern Ireland, carried out biennially under the Statistics of Trade and Employment (NI) Order 1988.

2 The Census of Employment covers employee jobs only. It excludes: agriculture (but includes animal husbandry service activities and hunting, trapping and game propagation) the self-employed, HM Armed Forces, private domestic servants, homeworkers and trainees without a contract of employment (non-employed status).

3 Persons working 30 hours or less per week are normally regarded as being in part-time employment.

4 The Census of Employment counts the number of jobs rather than the number of persons with jobs. Therefore a person holding both a full-time and a part-time job, or someone with two part-time jobs, will be counted twice.

5 Employees are classified to a Standard Industrial Classification (SIC92) from the business description for each employment unit.

2.3 NORTHERN IRELAND EMPLOYEE JOBS <sup>1</sup> IN CONSTRUCTION					
Year	Quarter	Employee Jobs - Unadjusted	Quarterly Change - Unadjusted	Employee Jobs - Seasonally Adjusted	Quarterly Change - Seasonally Adjusted
2000	March	34,090	160	34,230	380
	June	34,470	380	34,600	370
	September	35,240	770	35,080	490
	December	35,500	260	35,400	310
2001	March	35,790	290	35,900	510
	June	35,810	30	35,950	40
	September	36,090	280	35,950	10
	December <sup>(R)</sup>	36,630	540	36,520	560
2002	March <sup>(R)</sup>	36,440	-190	36,550	30
	June <sup>(R)</sup>	36,110	-330	36,260	-290
	September <sup>(R)</sup>	36,020	-100	35,870	-390
	December <sup>(R)</sup>	35,580	-440	35,470	-400
2003	March <sup>(R)</sup>	35,030	-550	35,140	-340
	June <sup>(R)</sup>	35,110	80	35,230	100
	September <sup>(R)</sup>	35,550	440	35,420	190
	December <sup>(R)</sup>	35,540	-10	35,450	30
2004	March <sup>(R)</sup>	35,540	0	35,650	200
	June <sup>(P)</sup>	36,240	700	36,350	710

Source: Quarterly Employment Survey (QES), DETI

<sup>1</sup> Figures are rounded to the nearest 10 and may not sum due to rounding.

(P) Provisional; (R) Revised

Figures will be updated 15 December 2004.

Notes:

Estimates of the number of employee jobs are obtained from the Quarterly Employment Survey (QES). The QES covers all public sector bodies, all private sector firms with 25 or more employees and a sample of the remainder. The sample size has been chosen in order that estimates of total employee jobs should be accurate to within +/- 1% of the Census of Employment total. The survey collects information on numbers of persons in full-time and part-time employment. It should be noted that the survey counts the number of jobs rather than the number of persons with jobs. For example, a person holding both a full-time job and a part-time job, or someone with two part-time jobs, will be counted twice.

## 2.4 NORTHERN IRELAND LABOUR FORCE SURVEY Self employed in Construction Industry

Year (Summer)	Number
2003	30,000
2002	24,000
2001	27,000
2000	22,000

**Notes:**

Summer quarter comprises June, July and August.

Figures are rounded to the nearest thousand.

Above estimates are subject to sampling error.

Allocation between self employed and employees status is by self assessment.

The above estimates are based on re-weighted LFS estimates, which are in line with 2001

Census of Population results. Revisions to the self-employment series have also taken

place to reflect improvements to the LFS editing procedures, based on the SOC 2000

Occupational Classification, which allow data edits to be removed which previously re-

classified some self-employed as employees.

## 2.5 NORTHERN IRELAND NEW EARNINGS SURVEY EARNINGS AND HOURS IN THE CONSTRUCTION INDUSTRY full-time male employees, on adult rates, whose pay was not effected by absence Construction Industry SIC 1992 Division F

At April Each Year	Average gross weekly earnings Of Which				Percentage of employees who received		
	Total	Overtime Pay	PBR etc	Premium payments	Overtime pay	PBR etc	Premium payments
2000	£340.5	£34.9	£4.5	£0.6	30.6%	10.4%	2.8%
2001	£349.9	£30.3	£7.9	£0.5	30.1%	9.8%	0.7%
2002	£366.5	£31.8	£3.4	£3.5	32.1%	7.5%	2.5%
2003	£379.3	£25.5	£11.9	£1.6	29.1%	13.9%	1.2%

At April Each Year	Distribution of weekly earnings			Average hourly earnings excluding overtime*	Average weekly hours	
	10% earned less than	50% earned less than	10% earned more than		Average total weekly hours (including overtime)	Average weekly overtime hours
2000	£211.2	£288.3	£520.1	£7.64	43.6	3.6
2001	£200.3	£300.0	£571.1	£8.05	42.7	3.0
2002	£218.0	£325.9	£549.3	£8.47	42.5	3.0
2003	£232.8	£338.9	£567.9	£8.93	42.1	2.5

PBR - payment by results, includes piecework, bonuses, commission and incentive payments (includes profit related pay until 1996).

Premium pay - for shift-work, and for night or week-end work where these are not treated as overtime.

\* Average hourly earnings are calculated by dividing the sum of the weekly earnings of the group of employees by the sum of their total weekly hours.

**2.6 NORTHERN IRELAND NEW EARNINGS SURVEY  
EARNINGS IN THE CONSTRUCTION INDUSTRY BY CRAFT**

full-time male employees, on adult rates, whose pay was not affected by absence

At April Each Year	SOC 50 - construction trades (531 - SOC 2000 from 2001)		SOC 570 - carpenters and joiners ( 5315 - SOC 2000 from 2001)		SOC 92 - other occupations in construction (912 - SOC 2000 from 2001)		SOC 929 - other buildings and civil engineering labourers (9129 - SOC 2000 from 2001)	
	Average gross weekly earnings	Average hourly earnings excluding overtime	Average gross weekly earnings	Average hourly earnings excluding overtime	Average gross weekly earnings	Average hourly earnings excluding overtime	Average gross weekly earnings	Average hourly earnings excluding overtime
2000	£304.1	£6.85	£264.5	£6.37	£280.9	£6.09	£283.9	£5.89
2001	£298.1	£7.04	£289.7	£7.04	£248.5	£5.83	*	*
2002	£319.0	£7.36	£307.2	£7.31	£280.4	£6.03	*	*
2003	£344.1	£7.92	£326.0	£7.56	£284.6	£6.50	*	*

SOC - Standard Occupational Classification only available from 1990 onwards.

**2.7 NORTHERN IRELAND NEW EARNINGS SURVEY  
EARNINGS AND HOURS IN THE CONSTRUCTION INDUSTRY AND IN ALL  
INDUSTRIES AND SERVICES**

full time male employees, on adult rates, whose pay was not affected by absence

Construction Industry SIC 1992 Division F (from 2002 SIC 2003)

At April Each Year	FULL-TIME MALES						
	CONSTRUCTION INDUSTRY			ALL INDUSTRIES AND SERVICES			
	Average gross weekly earnings	Average hourly earning excluding overtime	Average total weekly hours (including overtime)	Average gross weekly earnings	Average hourly earning excluding overtime	Average total weekly hours (including overtime)	
2000	£340.5	£7.64	43.6	£393.3	£9.42	41.4	
2001	£349.9	£8.05	42.7	£409.2	£9.87	41.3	
2002	£366.5	£8.47	42.5	£422.5	£10.19	41.2	
2003	£379.3	£8.93	42.1	£437.7	£10.64	40.8	

## 2.8 Statistics of accidents reported to HSENI 2000/01 – 2002/03

### 2.8.1. All accidents fatal, major injury and over 3 day

Year	Fatal	Major	Over 3 Day	Total
2000/01	12	578	3,421	4,011
2001/02	9	595	3,547	4,151
2002/03	21	651	3,034	3,706
2003/04(P)	19	675	2,622	3,316

### 2.8.2. All accidents by industrial sector

Year	Agric	Constr	Mfg&Q <sup>1</sup>	Educ	Health	Other	Total
2000/01	72	245	1,259	380	498	1,557	4,011
2001/02	57	236	1,195	392	467	1,804	4,151
2002/03	54	208	1,030	481	505	1,428	3,706
2003/04(P)	42	248	963	342	450	1,271	3,316

### 2.8.3. Major accidents by industrial sector

Year	Agric <sup>2</sup>	Constr	Mfg & Q	Educ	Health	Other	Total
2000/01	N/A	68	122	206	52	130	578
2001/02	N/A	55	147	199	58	136	595
2002/03	N/A	61	116	293	58	123	651
2003/04(P)	N/A	81	148	176	86	184	675

### 2.8.4. Fatal accident incidence rates per 100,000 workers by industrial sector

Year	Agriculture	Construction	Manufacturing	All Industries
2000/01	19.16	8.5	1.91	0.94
2001/02	13.69	11.4	1.01	0.93
2002/03	12.4	12.7	1	2.6
2003/04(P)	19.2	10.2	0	2.3

<sup>1</sup> Mfg & Q: Manufacturing and Quarries.

<sup>2</sup> Non-fatal Agriculture accidents are not classified as "major" and "over 3 day", but simply as "non-fatal".

(P) - provisional figures

<b>2.8.5. Construction sector cause of accident by type of accident</b>						
<b>Cause</b>	<b>2000/01</b>			<b>2001/02</b>		
	<b>Fatal</b>	<b>Major</b>	<b>Over 3 day</b>	<b>Fatal</b>	<b>Major</b>	<b>Over 3 day</b>
Fall	3	39	38	0	24	36
Struck by	0	8	35	1	7	35
Handling, strains/sprains	0	5	35	0	1	35
Slip or trip	0	2	21	0	4	24
Vehicle	0	5	6	0	1	4
Collapsing or overturning	0	2	2	1	2	3
Others	0	7	37	2	16	34
<b>Totals</b>	<b>3</b>	<b>68</b>	<b>174</b>	<b>4</b>	<b>55</b>	<b>171</b>
<b>Cause</b>	<b>2002/03</b>			<b>2003/04(p)</b>		
	<b>Fatal</b>	<b>Major</b>	<b>Over 3 day</b>	<b>Fatal</b>	<b>Major</b>	<b>Over 3 day</b>
Fall	5	29	20	3	28	34
Struck by	0	6	27	0	16	27
Handling, strains/sprains	0	2	31	0	2	41
Slip or trip	0	7	30	0	18	27
Vehicle	0	3	4	0	1	3
Collapsing or overturning	2	1	5	3	2	2
Others	2	12	23	0	14	27
<b>Totals</b>	<b>9</b>	<b>60</b>	<b>140</b>	<b>6</b>	<b>81</b>	<b>161</b>

(p) provisional figures

## 2.8.6. Construction sector description of fatal accidents

Year	Number of Fatalities	Occupation	Employment Category	Description	Date
2000/01	3	Plumber	Self-employed	Fell 13m from landing.	28/04/2000
		Labourer	Employee	Fell from scaffolding.	25/09/2000 (Died 04/10/2000)
		Demolition worker	Employee	Fell through opening in floor of industrial premises.	16/11/2000
2001/02	4	Joiner	Employee	Crushed under bale of reinforced mesh that fell 8m during lifting operation.	21/06/2001
		Electrician	Self-employed	Electrocuted while rewiring a house.	19/11/2001
		Builder	Self-employed	Crushed when entangled between slewing ring and digger tracks.	04/12/2001
		Worker	Employee	Electrocuted when boom of excavator came in contact with 33kv overhead power lines.	15/12/2001
2002/03	8 +1 child	Painter	Employee	Electrocuted while working from MEWP when it came into contact with overhead power line.	08/05/2002
		Child (boy aged 5 yrs)	Member of the public	Trapped in 225mm diameter sewer pipe.	01/06/2002
		Roofer	Self-employed	Fell from roof while carrying out minor repairs.	19/07/2002
		Labourer	Self-employed	Crushed underneath staircase that collapsed.	03/09/2002
		Labourer	Employee	Fell following collapse of 8 staircases during placing of the staircases.	03/09/2002
		Businessman	Self-employed	Crushed under wall knocked over by arm of excavator.	18/11/2002
		Joiner	Employee	Fell 3.6m from cage mounted on telescopic handler; cage also fell onto the deceased.	03/12/2002
		Mastic asphalter	Employee	Slipped on hip roof and fell underneath middle guard rail and onto flat roof	21/01/2003 (Died 23/01/2003)
Builder	Self-employed	Fell 13.5m from extension ladder mounted on top of tower scaffold.	07/02/2003		
2003/04	6	Joiner	Employee	Fell 2.8m through an opening in the floor of a timber framed house	14/05/2003 (Died 16/05/2003)
		Sub-contractor	Self-employed	Crush in a trench collapse	30/08/2003
		Mushroom Picker	Employee	Crushed under an overturned excavator	23/10/2003
		Labourer		Fell from a ladder	17/11/2003
		Digger driver	Self-employed	Crushed under a wall collapse during demolition	10/12/2003 (Died 21/02/2004)
		Builder	Self-employed	Fell approx 7m off a roof	04/03/2004



## Survey Response for QCE

For the quarter 1 April to 30 June 2004, 83% of contracting firms in the sample participated in the survey. A breakdown of response by stratum is highlighted below. Construction firms are stratified according to annual turnover, ranging from the small stratum one firms with an annual turnover of less than £100,000 through to the large stratum six firms which have an annual turnover in excess of £10 million.

As can be seen from the table, there was a higher co-operation in the survey from larger firms and lower response from firms belonging to stratum 1 and stratum 2. Each quarter, there is ongoing effort to improve overall response.

<b>2004 Apr- June</b>	<b>Stratum</b>	<b>Annual Turnover (£ '000)</b>	<b>Response (%)</b>
	1	0 - 99	50
	2	100 - 499	73
	3	500 - 1,999	88
	4	2,000 - 4,999	87
	5	5,000 - 9,999	90
	6	10,000+	88
	<b>Overall</b>		<b>83</b>

## Notes to Editors

1. Statistics derived from the QCE are based on returns made by Construction Firms and Public Sector Direct Labour Departments.
2. The sample of firms in the QCE includes only VAT registered firms in Standard Industrial Classification Division 45 (Construction) on the Inter Departmental Business Register (IDBR).
3. Construction activity measured by QCE includes general construction and demolition work, construction and repair of buildings, civil engineering, installation of fixtures and fittings and any other building completion work.
4. The following definitions are used in the QCE to describe Construction Activity:

**New Work** is any new construction activity e.g. factory and office extensions, major re-construction, major alterations, site preparation and demolition.

**Repair and Maintenance** is all on-site work not defined as new construction, e.g. housing conversions, extensions and improvements.

**Housing** refers to all housing construction activity, both private and public sector.

**Infrastructure** refers to any work on roads and car parks, water and sewerage, electricity, gas, communications, air transport, railways, harbours and waterways.

**Other Work** refers to factories, warehouses, oil, steel gas and coal, schools and colleges, offices and banks, shops, universities, entertainment, agriculture, health and welfare, garages and miscellaneous.

5. The base year for all the series published is 2000 (2000 = 100).
6. Tables 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8 (b) are all seasonally adjusted. Seasonal adjustment aids interpretation by removing seasonal variation. The data is seasonally adjusted using X11 ARIMA software.
7. Figures may not always tally due to rounding and seasonal adjustment.
8. Results, particularly for the latest quarter, are provisional and subject to revision as fuller information becomes available.

The time series contained within Chapter 1-Output are updated quarterly to take account of:

- Firms not returning forms on schedule;
- Validation of data;
- Changes to Grossing Factors;
- Changes to the Seasonal Adjusters;

9. The QCE is a sample survey, the results of which are subject to both sampling and non-sampling error.

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