7

Education

- In 2006, over a quarter of those aged 15-64 had a third level qualification.
- At age 19, 62% of females and 45% of males were in full-time education in 2005/2006.
- In 2006 total gross expenditure on education by the State was €7,217.8m.
- In 2006 there were 27,515 primary school teachers in the state, 84% of whom were females.
- In 2005/2006 there were 25,387 full-time equivalent teachers in second level schools.
- 60% of new entrants to HEA institutions and 54% of new entrants of all third level institutions were female in 2005/2006.

Contents

Introductory t	ext	111
Table 7.1	Persons aged 15-64 classified by the highest level of education attained	114
Table 7.2	Persons in full-time education by level	115
Table 7.3	Persons receiving full-time education and estimated participation rates for ages 15-24, 2005/06	116
Table 7.4	Voted expenditure by sector for financial year ended 31 December 2005	117
Table 7.5	Pupils in first level schools classified by standard	117
Table 7.6	Teaching posts in first level schools on 30 June	117
Table 7.7	Teachers in secondary, vocational and community schools	118
Table 7.8	Second level state examination candidates	118
Table 7.9	Pupils in all second level schools by Leaving Certificate subject, 2006	119
Table 7.10	Leaving Certificate candidates taking selected subjects at ordinary level	120
Table 7.11	Leaving Certificate candidates taking selected subjects at higher level	121
Table 7.12	Leaving Certificate ordinary level grades for most popular subjects, 2006	121
Table 7.13	Leaving Certificate higher level grades for most popular subjects, 2006	122
Table 7.14	First time entrants to third level courses in all institutions, 2005/06	123

Introduction

The statistics in this chapter have been obtained from the Department of Education and Science. Results from the Quarterly National Household Survey (QNHS) modules on Educational Attainment are also included. The data includes details of participation in and expenditure on first, second and third level education.

Educational Attainment

In 2005 over a quarter of those aged 15-64 had a third level qualification. Excluding 15-24 year olds (the age group most likely to be still in education), just over 28% of the population aged 25-64 had a third level qualification. Over 62% of all persons aged 15-64 attained education levels of higher secondary level or above. Over 15% of persons aged 15-64 had not progressed beyond primary level education.

Persons in education

The number of students in first level education totalled 462,811 in 2005/06. This was a slight increase over 2004/2005 but represented only 80% of the 576,576 figure recorded in 1985/86. The numbers at this level have fallen substantially since then, but have risen in the last six years. In the case of second level students, the participation rate rose strongly from 1965/66 until 1995/96. Since then there has been a 9% drop in student numbers, resulting from a fall in the birth rate from the 1980s until 1996. Over the period 1965-2006, there was an increase of 702% in the third level student population. 1,741 extra places were taken up in 2005/6, as compared with 2004/05.

In 2005/06, participation rates for males and females differed substantially over the age group 15-22. Only a slightly greater proportion of females were in full-time education at age 15. At the age of 19, 62% of females and 45% of males were in full-time education. This can be partially explained by a greater male participation in the labour force for the 15-19 age cohort, 30% versus 23% for females (see table 2.9). The education participation rates came back into balance for ages 23 and 24.

Women formed 60% of new entrants to the HEA institutions (Universities and the Royal College of Surgeons in Ireland) in the year 2005/2006, but formed only 48% of new entrants to the Institutes and Colleges of Technology.

Teachers in Education

The number of teaching posts in first level education has increased from 21,035 in 1997 to 27,515 in 2006. The number of teachers (full-time and full-time equivalents) in secondary, vocational and community schools has increased from 23,996 in 1999/2000 to 25,387 in 2005/2006.

Exam Results

The number of examination candidates in second level schools has declined from 131,530 in 1998 to 111,895 in 2006. The number of students in 2006 taking higher level leaving certificate English was 59.8% compared to 25.4% in Irish and 17.7% in mathematics. The number of students in 2006 achieving an A Grade in higher level English was 10.4%, in higher level Irish was 12.8% and in higher level mathematics was 14.4%.

Technical Notes

Tables 7.1 and 7.2

Tables 7.1 and 7.2 give details of the highest level of education attained by people in Ireland and are taken from the QNHS ad hoc module on Educational Attainment last published in May 2006. Data refers to March-May 1999-2005.

Table 7.4

Up to 2003 the Estimates for the Education Sector were accounted for in the Book of Estimates and the Appropriation Accounts under four separate Votes - (a) Office of the Minister for Education and Science (b) First Level Education (c) Second Level and Further Education and (d) Third level and Further Education.

In 2003, with the approval of the Public Accounts Committee, the former four Education Votes were amalgamated into one single Vote - Education and Science. The amalgamated Vote followed the former Vote and Subhead structures as closely as possible.

The amalgamation of the votes aligned the financial functioning of the Department with the approach taken in the Department's Statement of Strategy.

Administration and other services include school transport, grant in aid fund for general expenses of youth and sport organisations, schools information and communications technological activities, Child Abuse Commission and Residential Institutions Redress.

Table 7.7

Only teachers paid from funds provided by the Department of Education and Science are included in this table.

Part-time teaching staff includes job-sharers, eligible part-time teachers and other part-time teachers.

The data in respect of Vocational schools relate to day courses only.

Table 7.9

The information in this table refers to the number of second level pupil taking individual subjects in the Leaving Certificate programme.

Home Economics S & S (New Syllabus) has been introduced. Home Economics (S.S.) and Home Economics (General) have been phased out.

Table 7.10

The percentages in this table are the proportion of Leaving Certificate examination candidates (excluding Leaving Certificate Applied) who took a particular subject at ordinary level.

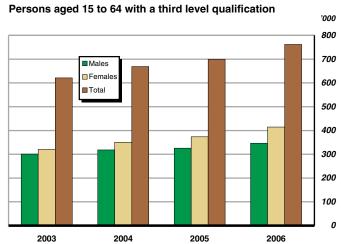
Table 7.11

The percentages in this table are the proportion of Leaving Certificate examination candidates (excluding Leaving Certificate Applied) who took a particular subject at higher level.

						7	Thousands
Highest education level attained	2000	2001	2002	2003	2004	2005	2006
Males							
Primary or below	278.7	282.7	274.7	253.3	246.7	242.4	240.1
Lower secondary	296.1	286.7	291.3	307.0	316.1	310.3	312.6
Higher secondary	301.1	315.5	324.2	335.2	356.1	371.6	381.3
Post leaving cert	146.4	141.7	142.8	133.4	121.1	132.0	138.5
Third level non-degree	76.7	91.8	93.0	104.9	111.5	111.0	118.3
Third level degree or above	148.2	155.1	172.7	195.8	206.7	214.7	228.5
Other	27.4	28.5	34.2	27.3	23.4	36.5	45.4
Total	1,274.6	1,302.1	1,333.0	1,357.0	1,381.6	1,418.5	1,464.7
Females							
Primary or below	245.8	250.8	241.6	218.3	211.4	203.4	198.4
Lower secondary	268.2	252.7	255.9	267.6	267.8	263.4	261.2
Higher secondary	335.6	348.9	356.1	375.3	384.6	394.9	394.4
Post leaving cert	149.2	142.6	138.9	140.5	132.0	134.3	134.3
Third level non-degree	103.7	119.5	126.4	132.8	142.4	150.6	156.8
Third level degree or above	134.8	148.7	173.8	187.3	208.2	222.6	258.0
Other	25.0	24.5	28.1	23.5	21.7	29.2	31.7
Total	1,262.3	1,287.7	1,320.8	1,345.3	1,368.1	1,398.3	1,435.0
All persons							
Primary or below	524.5	533.5	516.4	471.6	458.1	445.7	438.5
Lower secondary	564.3	539.4	547.2	574.7	583.9	573.7	573.8
Higher secondary	636.7	664.4	680.2	710.5	740.7	766.4	775.7
Post leaving cert	295.6	284.3	281.7	273.9	253.1	266.3	272.9
Third level non-degree	180.4	211.3	219.4	237.7	253.9	261.5	275.1
Third level degree or above	283.0	303.8	346.5	383.1	414.9	437.3	486.5
Other	52.3	53.1	62.3	50.8	45.1	65.7	77.1
TOTAL	2,536.8	2,589.8	2,653.8	2,702.3	2,749.7	2,816.7	2,899.6

Persons aged 15-64 classified by the highest level of education attained Table 7.1

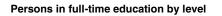
Source: CSO

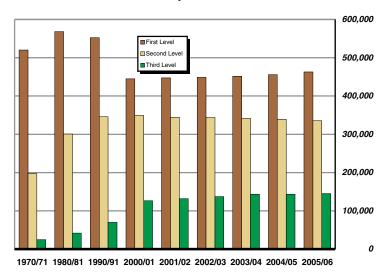


	Persons in fun-time education by leve		Number
School year	First level	Second level	Third level
1965/66	504,865	142,983	20,698
1970/71	520,129	197,142	24,496
1975/76	550,078	270,956	33,148
1980/81	568,364	300,601	41,928
1985/86	576,576	338,207	55,088
1990/91	552,528	345,941	69,988
1995/96	485,923	373,665	102,662
2000/01	444,782	349,274	126,300
2001/02	447,446	344,720	131,812
2002/03	448,754	343,596	137,323
2003/04	451,755	341,724	143,271
2004/05	455,572	339,128	143,546
2005/06	462,811	335,134	145,287

Table 7.2 Persons in full-time education by level

Source: Department of Education and Science

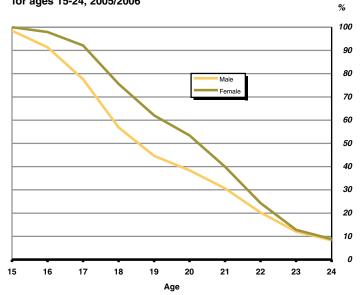




	In full-	-time education		As % of population			
Age	Male	Female	Total	Male	Female		
15	29,847	28,739	58,586	98.5	100.0		
16	26,944	27,481	54,425	91.4	97.9		
17	23,060	25,839	48,899	77.6	92.2		
18	17,209	22,076	39,285	56.9	75.6		
19	13,760	18,599	32,359	44.6	62.0		
20	12,209	16,557	28,766	38.4	53.5		
21	10,290	12,880	23,170	30.6	39.9		
22	6,896	8,178	15,074	20.3	24.3		
23	4,473	4,704	9,177	12.0	12.8		
24	3,097	3,288	6,385	8.3	8.8		

Table 7.3Persons receiving full-time education and estimated participation rates
for ages 15-24, 2005/06

Source: Department of Education and Science



Full-time education participation rate by sex for ages 15-24, 2005/2006

			€m
Sector	Current	Capital	Total
Administration and Other Services	558,656	9,167	567,823
First Level Education Grants and Services	2,216,983	266,680	2,483,663
Second Level & Further Education Grants and Services	2,338,885	234,582	2,573,467
Third Level & Further Education Grants and Services	1,502,033	90,828	1,592,861
Gross expenditure	6,616,557	601,257	7,217,814
Appropriations In Aid	283,143	_	283,143
Net expenditure	6,333,414	601,257	6,934,671

Table 7.4 Voted expenditure by sector for financial year ended 31 December 2005

Source: Department of Education and Science

Table 7.5 Pupils in first level schools classified by standard

		_					Number
Standard	1999/2000	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06
Infants standard	103,133	103,832	107,500	111,355	113,150	113,810	115,418
First standard	51,659	50,818	51,138	52,166	54,770	56,158	57,393
Second standard	53,851	51,766	50,927	51,243	52,211	54,899	56,435
Third standard	54,505	54,033	51,960	51,226	51,567	52,461	55,373
Fourth standard	53,828	54,606	54,079	52,068	51,323	51,858	52,891
Fifth standard	54,048	54,063	54,916	54,476	52,405	51,733	52,416
Sixth standard	56,647	53,595	53,760	54,616	54,225	52,396	51,832
Other standard	668	631	427	379	320	215	208
Special schools	7,228	7,124	6,982	6,807	6,718	6,621	6,627
Pupils with special needs in ordinary first level schools	8,743	9,092	9,376	9,384	9,340	9,357	9,296
Private Primary Schools	6,842	5,222	6,381	5,034	5,726	6,274	4,922
Total pupils	451,152	444,782	447,446	448,754	451,755	455,782	462,811

Source: Department of Education and Science

Table 7.6 Teaching posts in first level schools on 30 June

	Nu										
Sex	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
Male	4,568	4,522	4,498	4,370	4,503	4,536	4,490	4,578	4,493	4,485	
Female	16,467	16,578	17,002	17,480	18,347	19,399	20,210	21,461	21,789	23,030	
Total	21,035	21,100	21,500	21,850	22,850	23,935	24,700	26,039	26,282	27,515	

Source: Department of Education and Science

Category	1999/2000	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06
Secondary							
Full-time	12,418	12,476	12,424	12,447	11,835	11,553	11,47
Full-time equivalent of part-time	1,175	1,361	1,582	1,680	1,326	1,653	1,84
Vocational							
Full-time	5,625	5,788	5,685	5,933	5,977	5,994	6,482
Full-time equivalent of part-time	1,156	1,381	1,607	1,417	1,581	1,682	1,503
Community and Comprehensive							
Full-time	3,058	3,171	3,410	3,682	3,602	3,487	3,452
Full-time equivalent of part-time	534	434	479	533	490	621	629
Total							
Full-time	21,101	21,435	21,519	22,062	21,414	21,034	21,411
Full-time equivalent of part-time	2,865	3,176	3,668	3,630	3,397	3,956	3,976
GRAND TOTAL							
Full-time & full-time equivalent	23,966	24,611	25,187	25,692	24,811	24,990	25,387

Number

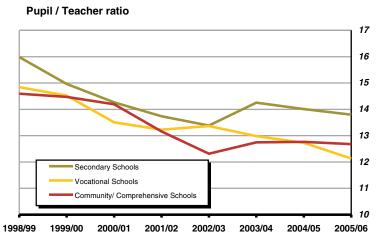
Table 7.7 Teachers in secondary, vocational and community schools

Source: Department of Education and Science

Table 7.8 Second level state examination candidates

									Number
Examination	1998	1999	2000	2001	2002	2003	2004	2005	2006
Junior Certificate	65,608	62,659	61,470	60,124	60,152	59,340	56,864	56,640	57,784
Male	33,137	31,773	31,302	30,308	30,150	29,855	28,495	28,627	29,273
Female	32,471	30,886	30,168	29,816	30,002	29,485	28,369	28,013	28,511
Leaving Certificate	65,922	64,936	63,419	59,537	58,400	59,536	58,742	57,391	54,111
Male	31,333	30,811	30,138	28,176	27,716	28,532	28,059	27,189	25,832
Female	34,589	34,125	33,281	31,361	30,684	31,004	30,683	30,202	28,279
ALL EXAMINATION CANDIDATES	131,530	127,595	124,889	119,661	118,552	118,876	115,606	114,031	111,895
Male	64,470	62,584	61,440	58,484	57,866	58,387	56,554	55,816	55,105
Female	67,060	65,011	63,449	61,177	60,686	60,489	59,052	58,215	56,790

Source: Department of Education and Science



	Num	hor of nunils		% studying subject		
Subject	Boys	ber of pupils Girls	Total	Boys	g subject Girls	
•						
English	47,836	51,039	98,875	99.7	99.7	
Mathematics	47,848	51,007	98,855	99.7	99.6	
Irish	44,452	47,906	92,358	92.7	93.6	
Religious Education	39,315	43,056	82,371	81.9	84.1	
French	26,046	34,238	60,284	54.3	66.9	
Physical Education	27,012	32,170	59,182	56.3	62.8	
Biology	17,072	34,326	51,398	35.6	67.0	
Geography	26,292	22,764	49,056	54.8	44.5	
Business Studies	16,948	20,635	37,583	35.3	40.3	
Computer Studies	11,657	14,534	26,191	24.3	28.4	
Homo Economics (Now cyllabus)	2 0 2 7	22,838	25 765	6.1	44.6	
Home Economics (New syllabus)	2,927		25,765			
History	12,897	10,627	23,524	26.9	20.8	
Construction Studies	17,559	1,371	18,930	36.6	2.7	
German	7,422	8,845	16,267	15.5	17.3	
Physics	11,094	3,836	14,930	23.1	7.5	
Accounting	6,476	7,677	14,153	13.5	15.0	
Chemistry	6,273	7,746	14,019	13.1	15.1	
Technical Drawing	10,537	956	11,493	22.0	1.9	
Art (with Design option)	4,360	6,368	10,728	9.1	12.4	
Engineering	10,079	614	10,693	21.0	1.2	
Art (with Craftwork option)	3,494	6,897	10,391	7.3	13.5	
Music	2,308	6,633	8,941	4.8	13.0	
Economics	5,120	3,085	8,205	10.7	6.0	
Agricultural Science	5,127	1,976	7,103	10.7	3.9	
Spanish	2,000	3,744	5,744	4.2	7.3	
Choir	188	3,528	3,716	0.4	6.9	
Applied Maths	1,525	544	2,069	3.2	1.1	
Health Education	391	1,318	1,709	0.8	2.6	
Physics and Chemistry	782	443	1,225	1.6	0.9	
Classical Studies	651	558	1,209	1.4	1.1	
Speech and Drama	14	1,156	1,170	0.0	2.3	
Italian	163	293	456	0.3	0.6	
Typewriting	138	246	384	0.3	0.5	
Latin	180	37	217	0.4	0.1	
Keyboarding	88	72	160	0.2	0.1	
Agricultural Economics	47	30	77	0.1	0.1	
Orchestra	0	73	73	0.0	0.1	
Greek	14	0	14	0.0	0.0	
Economic History	1	0	14	0.0	0.0	
Home Economics (S & S)	0	0	0	0.0	0.0	
	0	0	0	0.0	0.0	
Home Economics (General)	0	0	0	0.0	0.0	

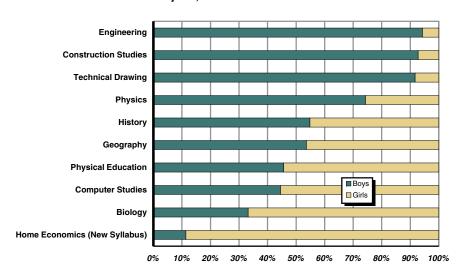
Table 7.9 Pupils in all second level schools by Leaving Certificate subject, 2006

Source: Department of Education and Science

Subiect	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Mathematics	66	70	70	70	71	70	70	68	68	69
Irish	52	53	53	52	53	52	52	52	52	52
English	43	43	42	43	39	39	37	37	35	35
French	29	30	30	32	31	31	31	29	30	28
Biology	18	18	18	17	17	15	16	15	15	15
Business Studies	15	15	11	13	14	13	13	13	13	13
Geography	13	13	11	13	13	13	13	13	13	13
Mathematics (Alt/Ord)	10	9	9	10	9	10	10	11	10	10
Irish (Foundation)	9	9	9	9	9	10	9	9	9	9
Home Economics (S & S)	11	10	10	10	9	9	9	9	9	8
History	9	9	8	8	7	7	8	8	7	7
German	6	6	6	6	6	6	6	6	6	6
Technical Drawing	7	6	6	6	6	5	5	5	5	5
Art	5	5	5	5	5	5	5	5	5	5
Physics	5	5	5	5	5	5	5	4	5	4
Construction Studies	4	4	4	4	4	4	4	4	4	4
Accounting	5	5	5	5	4	4	4	4	4	4
Engineering	3	3	3	2	2	3	3	3	3	3
Economics	2	2	2	2	2	2	2	2	2	2
Chemistry	2	2	2	2	2	2	2	2	3	3
Agricultural Science	1	1	1	1	1	2	2	2	2	2
Spanish	1	1	1	1	1	1	1	1	2	2
Music	0	0	1	1	1	1	1	1	1	1
Physics and Chemistry	1	1	1	0	0	1	0	0	0	0

Table 7.10 Leaving Certificate candidates taking selected subjects at ordinary level

Source: Department of Education and Science



All Leaving Certificate students taking selected subjects, 2006

Statistical Yearbook of Ireland

120

										%
Subject	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
English	48	53	53	53	55	57	58	59	60	60
Geography	30	33	36	37	38	38	39	39	39	35
Biology	28	30	28	27	26	25	25	29	32	33
French	26	27	29	28	28	27	27	27	27	26
Irish	25	28	27	28	28	27	27	27	27	25
Business Studies	20	23	28	29	29	29	28	27	25	25
Mathematics	16	17	17	18	18	17	17	17	18	18
Home Economics (S & S)	24	27	27	25	25	24	23	19	18	16
Art	11	11	11	11	11	12	12	13	14	15
History	13	14	13	13	12	12	13	12	12	14
Construction Studies	9	10	10	11	11	11	12	12	12	13
Chemistry	9	9	9	9	9	10	10	11	11	11
Physics	10	10	10	10	10	11	11	11	10	10
Accounting	10	10	10	9	9	8	8	9	9	10
German	11	11	11	11	10	9	9	9	9	9
Music	0	0	4	5	5	6	6	7	8	8
Economics	6	6	6	6	7	7	7	7	7	7
Engineering	5	5	5	6	6	6	6	6	6	7
Technical Drawing	5	5	6	6	6	6	6	6	6	6
Agricultural Science	3	3	3	4	4	4	4	4	5	6
Applied Mathematics	2	2	2	2	2	2	2	2	2	2
Spanish	1	2	2	1	2	2	2	2	2	3
Classical Studies	1	1	1	1	1	2	1	1	1	1
Physics and Chemistry	1	1	2	1	1	1	1	1	1	1

Table 7.11 Leaving Certificate candidates taking selected subjects at higher level

Source: Department of Education and Science

	Grade				
Subject	Α	В	С	D	E or lower
History	19	30	27	20	4
Accounting	19	24	21	18	17
Physics	14	32	27	18	9
Technical Drawing	13	28	28	22	9
Mathematics	11	27	27	23	11
Economics	11	33	29	21	6
Business Studies	10	30	34	20	5
English	8	33	39	18	2
Mathematics (Alt/Ord)	8	31	35	20	7
Chemistry	7	25	28	25	15
Irish (Foundation)	7	38	42	13	1
Geography	4	26	42	23	5
Irish	4	30	37	22	6
Biology	4	27	34	22	13
Engineering	3	25	39	25	8
German	3	33	38	19	6
Art	1	21	44	27	6
Construction Studies	1	19	41	30	9
French	1	20	41	30	8
Home Economics (S & S)	1	19	43	28	9

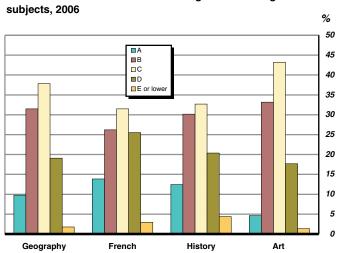
Table 7.12 Leaving Certificate ordinary level grades for most popular subjects, 2006

Source: Department of Education and Science

					%
		(Grade		
Subject	Α	В	С	D	E or lower
Applied Mathematics	27	32	20	16	5
Chemistry	27	29	20	18	5
,	22	32		17	
Accounting	21	32 27	23 24	22	9 7
Physics					-
Spanish	19	26	32	21	1
Biology	17	27	28	21	7
Music	15	55	26	4	0
Technical Drawing	15	30	29	22	4
Mathematics	14	35	33	14	3
French	14	26	31	26	3
German	14	30	36	19	2
Economics	13	32	30	20	5
Physics and Chemistry	13	23	28	22	14
Agricultural Science	13	23	31	26	7
Irish	13	36	36	14	1
History	12	30	33	20	4
Business Studies	12	28	28	24	8
English	10	28	39	22	1
Engineering	10	32	33	21	4
Geography	10	31	38	19	2
Classical Studies	8	25	33	23	11
Home Economics (S & S)	7	29	37	23	4
Construction Studies	6	37	40	15	2
Art	5	33	43	18	1

Table 7.13 Leaving Certificate higher level grades for most popular subjects, 2006

Source: Department of Education and Science



Grade distribution of selected Leaving Certificate higher level

Table 7.14	First time entrants to third level courses in all institutions,	2005/06
	i inst time circiants to tima ievel courses in an institutions,	2005/00

			Number
Type of institution	Male	Female	Total
HEA Institutions	7,157	10,956	18,113
IOT/Technological Sector	8,753	7,958	16,711
Other	1,488	1,590	3,078
Total	17,398	20,504	37,902

Source: Department of Education and Science