



Education in Finland

Pocketbook 2009

Foreword

This publication contains statistical data on education and training in Finland. Data refer to the most recent year available. Data cover the regular education system. Also international comparisons have been included in the publication.

The purpose of the publication is to give concise statistical picture of the main elements and trends in the Finnish educational system. The publication is useful for example at lectures, meetings or anywhere else where you might need to produce quick factual data as a basis for discussion.

The publication consists of tables and graphs covering the most essential data on education in Finland. Source for most of the data is Statistics Finland's Education Statistics. International comparisons are mainly based on OECD's Education at a Glance publication. Data from other sources are also included.

Data cover education and training from pre-primary education to adult education. The publication contains data also for example on the educational structure of the population, educational finances and transition from school to work.

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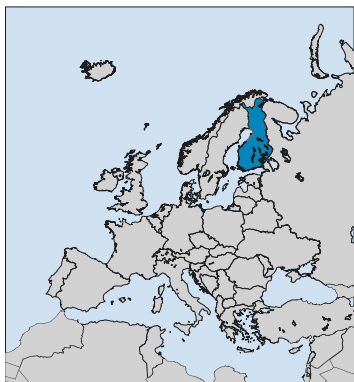
Explanation of symbols

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| A line across a time series shows substantial breaks in the homogeneity of a series.

In some tables and graphs the sums do not amount to the totals shown because of rounding.

Finland in Brief



Area

Situated in northern Europe with an area of 390 920 km² of which 78% land area, 9% fresh water, 13% sea water.

Population

5.3 million, with average density of 17 persons per square kilometre. More than two-thirds of the population reside in the southern third of the country.

Government

Sovereign parliamentary republic since 1917, Member of the EU since 1995.

Official languages

Finnish 91.0%, Swedish 5.4%.



Mean temperatures

Town	January	July
Helsinki	-4.2°C	+17.2°C
Sodankylä (Lapland)	-14.1°C	+14.3°C

Economy

GDP totalled EUR 186 bil. in 2008, EUR 35,000/capita.

Currency

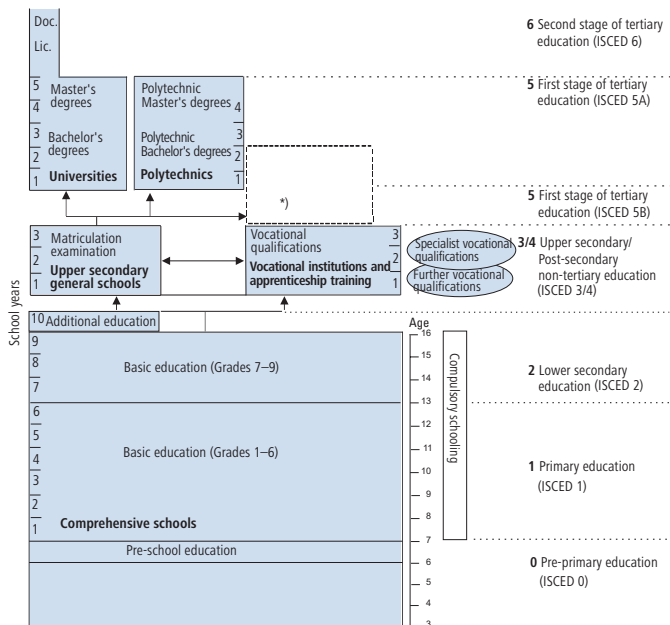
Euro.

Capital

Helsinki, 0.6 million inhabitants.

The regular education system in Finland

International Standard
Classification of Education
(ISCED 1997)



*) Vocational colleges; Post-secondary non-higher vocational qualifications/Professional tertiary qualifications.

These programmes have been phased out and replaced by polytechnic education during 1990's and early 2000's.

The regular education system in Finland

Pre-primary education (ISCED 0)

Before compulsory education i.e. comprehensive school, children may participate in one-year pre-primary education programmes for 6-year-old children (pre-school education), mainly provided by day-care centres (kindergartens). Some 6-year-olds receive pre-primary education for 6-year-old children in comprehensive schools. Participation in pre-primary education is voluntary. In International Standard Classification of Education (ISCED) and in international education statistics also 3–5-year-old children in day-care centres are classified into pre-primary level of education.

Primary/Lower secondary education (ISCED 1/2)

Basic education, i.e. primary and lower secondary education, is general education provided for each age group in its entirety. All children permanently resident in Finland are covered by compulsory education. Compulsory education starts in the year the child becomes seven years old and ends when the comprehensive school syllabus (nine years of comprehensive school) has been completed or when ten years have passed since the starting of compulsory education. In exceptional cases, due to disability or illness, compulsory education can begin already at the age of six and last 11 years. Those who have acquired a leaving certificate from comprehensive school in the same or previous year can, if they so wish, apply for voluntary additional education (10th grade).

Upper secondary/Post-secondary non-tertiary education (ISCED 3/4)

Upper secondary education includes upper secondary general education and vocational education. Upper secondary general education is general education preparing for the matriculation examination. It lasts for three years and gives general eligibility for further studies.

Vocational education can take place in vocational institutions or as apprenticeship training. Apprenticeship training mainly involves studying in actual work situations at place of work supplemented by theoretical studies at educational institutions. The qualifications are three-year initial vocational qualifications that also provide general eligibility for further studies in polytechnics and universities.

Further and specialist vocational qualifications are vocational further education. They and initial vocational qualifications can also be taken by a competence-based test (a skills examination) where competence acquired by training preparing for the skills examination or by work experience can be demonstrated. Initial and further vocational qualifications are ISCED 3 level qualifications (upper secondary level). Specialist vocational qualifications are ISCED 4 level qualifications (post-secondary non-tertiary level).

Tertiary education (ISCED 5/6)

Studies leading to a polytechnic Bachelor's degree take 3.5 to 4.5 years and to a polytechnic Master's degree which requires three years of prior work experience additional 1 to 1.5 years. A lower university degree (Bachelor's degree) can be completed in three years and a higher university degree (Master's degree) in additional two years. Those having attained a higher university

Education system in Finland

degree can continue their studies in postgraduate education towards a licentiate's or doctor's degree.

Previously vocational and professional education i.e. post-secondary non-higher vocational education and professional tertiary education were provided at tertiary level but these programmes have been phased out and replaced by polytechnic education during 1990's and early 2000's.

Main content of ISCED¹⁾ levels of education in Finland

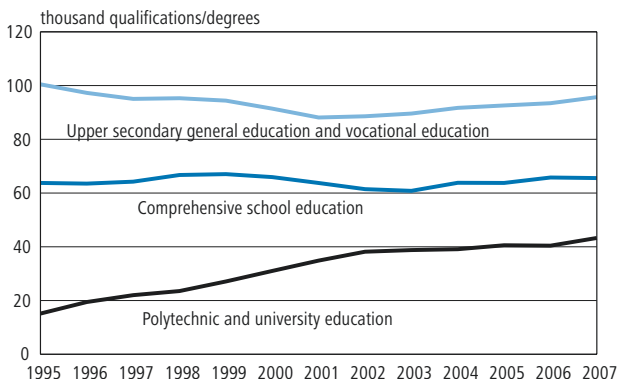
ISCED level	Main content
0 Pre-primary education	Pre-primary education for 6-year-old children (pre-school education) in day-care centres and comprehensive schools, 3-5-year-old children in day-care centres
1 Primary education	Comprehensive school grades 1–6
Secondary education	
2 Lower secondary education	Comprehensive school grades 7–9 (10)
3 Upper secondary education	Upper secondary general and vocational education
4 Post-secondary non-tertiary education	Specialist vocational qualifications
Tertiary education	
5 First stage of tertiary education	Post-secondary non-higher vocational education; i.e vocational college education (recently abolished)
5B	
5A	Polytechnic Bachelor's and Master's degrees, lower (Bachelor's) and higher (Master's) university degrees, professional tertiary qualifications (recently abolished), specialist's degrees in medicine, dentistry and veterinary medicine
6 Second stage of tertiary education	Licentiate's and doctor's degrees

1) UNESCO: International Standard Classification of Education (ISCED 1997).

Source: *Education Statistics, Statistics Finland*

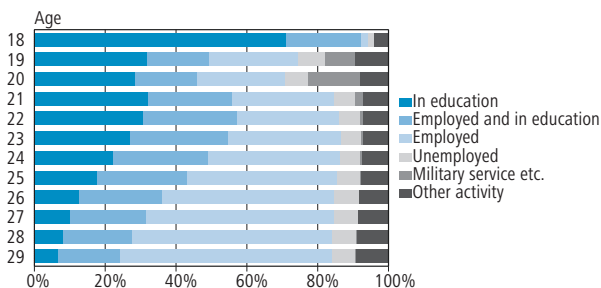
1 General statistics on education in Finland

1.1 Qualifications and degrees 1995–2007



Source: Education Statistics, Statistics Finland

1.2 Population aged 18 to 29 by main activity at end-2006, %



Source: Employment Statistics, Statistics Finland

1 General statistics on education in Finland

1.3 Students in education leading to qualifications/degrees and qualifications/degrees 1990–2007

	1990	1995	2000
Students			
Comprehensive school education	592,920	588,162	593,451
Basic education of adults ¹⁾	3,534	4,251 I	2,269
Upper secondary general education ²⁾	100,875	130,600 I	130,032
Vocational and professional education ³⁾	162,535	171,577 I	159,884
Polytechnic education ⁴⁾	–	31,557	114,020
University education ⁵⁾	112,921	133,359	157,796
Total	972,785	1,059,506 I	1,157,452
Qualifications			
Leaving certificates from comprehensive school	61,054	63,756	65,937
Basic education of adults ⁶⁾	591	332 I	256
Matriculation examinations ⁷⁾	27,476	34,035	35,935
Vocational and professional qualifications	55,666	66,427	55,477
Polytechnic degrees	–	1,638	14,178
University degrees	10,982	13,521	16,845
Total	155,769	179,709 I	188,628

- 1) Including in 1990 and 1995 full syllabus students and subject students at basic level in adult upper secondary general schools and in adult study lines and from 2000 onwards all full comprehensive school syllabus students outside comprehensive school.
 - 2) Including in 1990 and 1995 full syllabus students and subject students in upper secondary general education and from 2000 onwards full upper secondary general school syllabus students.
 - 3) The coverage of vocational education students has been changed in 2004. Data on education preparing for competence-based qualifications and on apprenticeship training are from the calendar year, previously the data were as at 20 September. The data on school type syllabus-based vocational education are as at 20 September for all years. Including from 2000 onwards students in education aiming at further and specialist vocational qualifications. Education lasting less than one year and not leading to a qualification is excluded from 2000 onwards.
 - 4) Includes permanent and experimental polytechnics.
 - 5) The data for 1990–2001 are from 31 December and from 2002 onwards from 20 September.
 - 6) Including in 1990 and 1995 comprehensive school leaving certificates obtained from adult upper secondary general schools and adult study lines and from 2000 onwards all comprehensive school leaving certificates obtained outside comprehensive school.
 - 7) Including international matriculation examinations (International Baccalaureate and Reifeprüfung) and Gymnasieexamen (Åland). In 2007 the number of these examinations was 442.
- I A line across a time series shows substantial breaks in the homogeneity of a series.

Source: Education Statistics, Statistics Finland

1 General statistics on education in Finland

2001	2002	2003	2004	2005	2006	2007
595,727	597,356	597,414	593,148	586,381	578,918	570,689
2,071	1,924	1,919	1,843	1,985	2,098	2,179
128,642	124,644	121,816	120,531	118,111	117,260	115,253
160,115	166,809	174,813	230,823	243,398	256,872	266,479
118,013	126,767	129,875	131,919	132,783	132,560	133,284
162,939	164,312	169,846	173,974	176,061	176,555	176,304
1,167,507	1,181,812	1,195,683	1,252,238	1,258,719	1,264,263	1,264,188
63,747	61,450	60,831	63,828	63,755	65,783	65,568
213	209	212	268	234	274	255
35,568	36,524	35,512	35,022	34,408	33,151	33,508
52,545	52,041	54,079	56,678	58,197	60,280	62,186
18,045	20,462	20,588	20,821	21,397	21,006	20,969
16,822	17,708	18,197	18,293	19,176	19,410	22,310
186,940	188,394	189,419	194,910	197,167	199,904	204,796

1 General statistics on education in Finland

1.4 Number of students in the regular education system by sector of education and level of ISCED¹⁾ in 2007

ISCED	Total	%
0 Pre-primary education ²⁾	12,925	1.0
Basic education	557,764	44.2
1 Primary education (grades 1–6)	357,403	28.3
2 Lower secondary education (grades 7–9, 10)	200,361	15.9
3/4 Upper secondary education/ Post-secondary non-tertiary education	381,672	30.2
Tertiary education	309,648	24.5
First stage of tertiary education	288,091	22.9
5 5B programmes	60	0.0
5 5A programmes	288,031	22.9
5A Medium programmes (Bachelor level)	188,736	15.0
5A Long/very long programmes (Master level)	99,295	7.9
6 Second stage of tertiary education	21,557	1.7
Total	1,262,009	100.0

1) Unesco: International Standard Classification of Education (ISCED 1997).

2) Pre-primary education in this table refers to pre-primary education for 6-year-old children in comprehensive schools (pre-school education). In addition to this 44,061 children received pre-primary education for 6-year children in day-care centres.

3) In addition, 2,179 students attended basic education for adults.

Source: *Education Statistics, Statistics Finland*

1 General statistics on education in Finland

Comprehensive school education	Upper secondary general education	Vocational education	Polytechnic education	University education
12,925	—	—	—	—
557,764	—	—	—	—
357,403	—	—	—	—
200,361	—	—	—	—
—	115,253	266,419	—	—
—	—	60	133,284	176,304
—	—	60	133,284	154,747
—	—	60	—	—
—	—	—	133,284	154,747
—	—	—	129,853	58,883
—	—	—	3,431	95,864
—	—	—	—	21,557
570,689³⁾	115,253	266,479	133,284	176,304

1 General statistics on education in Finland

1.5 Students by field and level of ISCED¹⁾ in 2007

Field of education	Level of education		
	Pre-primary/ Primary ²⁾	Lower secondary	Upper secondary
	0/1	2	3
Total	370,328	200,361	359,286
0 General programmes	370,328	200,361	115,253
1 Education	—	—	158
2 Humanities and Arts	—	—	14,416
3 Social sciences, Business and Law	—	—	39,736
4 Science	—	—	9,137
5 Engineering, Manufacturing and Construction	—	—	80,033
6 Agriculture	—	—	12,699
7 Health and Welfare	—	—	36,357
8 Services	—	—	51,497

1) Unesco: International Standard Classification of Education (ISCED 1997).

2) Including pre-primary education for 6-year-old children (12 925 children) in comprehensive schools (pre-school education). In addition to this 44 061 children received pre-primary education for 6-year-old children in day-care centres.

Source: *Education Statistics, Statistics Finland*

1 General statistics on education in Finland

Post-secondary non-tertiary	First stage of tertiary	First stage of tertiary	Second stage of tertiary	Total	Women
4	5B	5A	6		%
22,386	60	288,031	21,557	1,262,009	51.1
—	—	—	—	685,942	50.2
—	—	14,463	1,519	16,140	79.5
324	—	41,541	3,763	60,044	68.9
10,309	—	66,102	4,807	120,954	62.7
97	—	30,729	3,085	43,048	36.0
5,814	—	71,750	5,472	163,069	17.1
485	—	6,519	457	20,160	53.8
1,589	—	41,992	2,123	82,061	86.9
3,768	60	14,935	331	70,591	63.5

1 General statistics on education in Finland

1.6 Completed qualifications and degrees by field and level of ISCED in 2007¹⁾

Field of education	Level of education		
	Lower secondary	Upper secondary	Post-secondary non-tertiary
	2	3	4
Total	65,568	90,750	4,853
0 General programmes	65,568	33,508	—
1 Education	—	78	—
2 Humanities and Arts	—	3,314	57
3 Social sciences, Business and Law	—	9,179	2,589
4 Science	—	1,950	7
5 Engineering, Manufacturing and Construction	—	17,801	880
6 Agriculture	—	2,894	78
7 Health and Welfare	—	9,650	404
8 Services	—	12,376	838

1) Unesco: International Standard Classification of Education (ISCED 1997).

Source: *Education Statistics, Statistics Finland*

1 General statistics on education in Finland

First stage of tertiary 5B	First stage of tertiary 5A	Second stage of tertiary 6	Total	Women %
91	41,293	1,986	204,541	55.0
—	—	—	99,076	52.2
—	2,895	114	3,087	82.2
—	6,128	259	9,758	71.7
3	9,497	354	21,622	69.6
—	3,325	481	5,763	38.6
—	8,233	405	27,319	16.8
—	878	42	3,892	54.4
—	8,056	295	18,405	89.0
88	2,281	36	15,619	69.7

1 General statistics on education in Finland

1.7 Median age of those having completed a post-compulsory education qualification in 2007 by field and level of ISCED¹⁾

Field of education	Level of education	
	Total	Upper secondary 3
Total	24	20
General programmes	19	19
Education	28	36
Humanities and Arts	26	23
Social sciences, Business and Law	29	30
Science	27	22
Engineering, Manufacturing and Construction	25	20
Agriculture	25	24
Health and Welfare	28	30
Services	24	23

1) Unesco: International Standard Classification of Education (ISCED 1997).

Source: *Education Statistics, Statistics Finland*

1 General statistics on education in Finland

Post-secondary non-tertiary	First stage of tertiary	First stage of tertiary	Second stage of tertiary
4	5B	5A	6
42	34	27	35
—	—	—	—
—	—	28	46
38	—	27	39
44	42	26	39
31	—	27	32
40	—	26	32
41	—	27	39
45	—	27	37
38	34	26	36

1 General statistics on education in Finland

1.8 Participation in education by sector of education, gender and age (17–59-years) 2007

Gender Age at end-2007	Population 31 Dec. 2007	In education	
		%	Upper secondary general education %
Women			
17	32,800	94.3	58.5
18	31,907	93.3	57.7
19	31,919	55.5	12.8
20–24	159,922	59.4	1.3
25–29	163,128	32.4	0.4
30–39	316,405	16.3	0.2
40–49	369,516	10.9	0.2
50–59	396,261	4.4	0.1
Men			
17	34,359	93.5	41.8
18	33,315	93.0	42.8
19	33,344	49.9	11.6
20–24	167,344	47.7	1.1
25–29	171,554	31.5	0.3
30–39	331,628	13.5	0.1
40–49	378,447	6.7	0.1
50–59	394,668	2.8	0.0
Total			
17	67,159	93.9	50.0
18	65,222	93.1	50.1
19	65,263	52.6	12.2
20–24	327,266	53.4	1.2
25–29	334,682	31.9	0.3
30–39	648,033	14.9	0.1
40–49	747,963	8.8	0.1
50–59	790,929	3.6	0.1

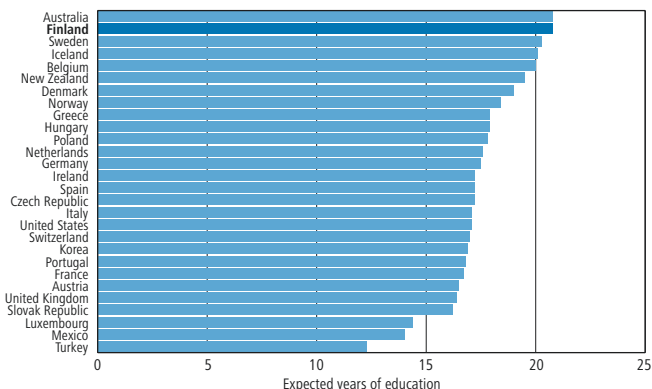
Source: Education Statistics, Statistics Finland

1 General statistics on education in Finland

Vocational education %	Polytechnic education %	University education %	Not in education %	Total %
35.7	0.0	0.0	5.7	100.0
34.8	0.4	0.4	6.7	100.0
20.1	12.3	10.3	44.5	100.0
14.2	24.0	20.0	40.6	100.0
8.0	8.2	15.8	67.6	100.0
7.0	2.9	6.2	83.7	100.0
6.5	1.7	2.5	89.1	100.0
2.8	0.3	1.1	95.6	100.0
51.7	0.0	0.0	6.5	100.0
49.8	0.2	0.3	7.0	100.0
20.1	8.9	9.2	50.1	100.0
12.0	19.3	15.4	52.3	100.0
8.5	8.6	14.1	68.5	100.0
5.9	2.1	5.4	86.5	100.0
4.2	0.8	1.7	93.3	100.0
1.9	0.2	0.7	97.2	100.0
43.9	0.0	0.0	6.1	100.0
42.4	0.3	0.3	6.9	100.0
20.1	10.6	9.7	47.4	100.0
13.1	21.6	17.6	46.6	100.0
8.3	8.4	14.9	68.1	100.0
6.4	2.5	5.8	85.1	100.0
5.3	1.2	2.1	91.2	100.0
2.3	0.3	0.9	96.4	100.0

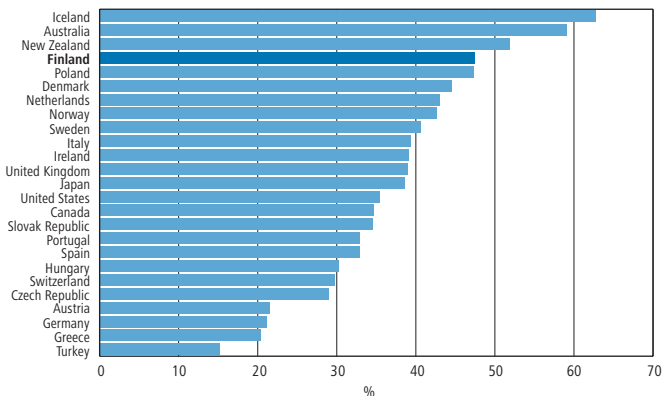
1 General statistics on education in Finland

1.9 Education expectancy for 5-year-old children in OECD countries 2006



Source: *Education at a Glance. OECD Indicators 2008. OECD*

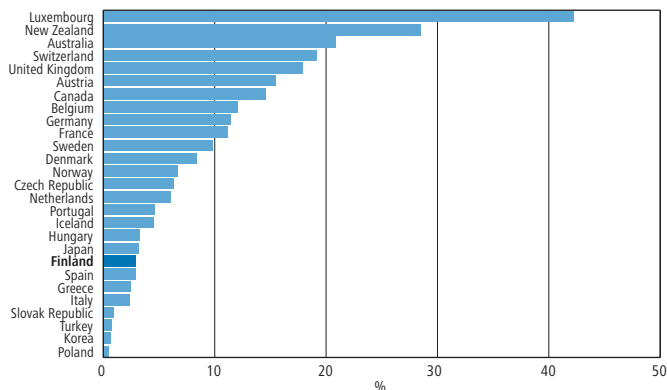
1.10 Tertiary-type A and advanced research (ISCED 5A/6) graduation rates in certain OECD countries 2006, %



Source: *Education at a Glance. OECD Indicators 2008. OECD*

1 General statistics on education in Finland

1.11 Foreign students (foreign citizens) as a percentage of all tertiary students in OECD countries 2006, %



Source: Education at a Glance. OECD Indicators 2008. OECD

1.12 Students in the largest language groups by sector of education 2007

Sector of education	Language (mother tongue)						
	Finnish	Swedish	Russian	Estonian	Chinese	English	Arabic
	%	%	%	%	%	%	%
Upper secondary general education	91.7	5.4	0.9	0.3	0.1	0.1	0.1
Vocational education	91.7	4.0	1.6	0.6	0.0	0.1	0.2
Polytechnic education	90.2	4.8	1.1	0.3	0.8	0.6	0.1
University education	89.6	6.2	0.7	0.2	0.4	0.3	0.1
Total	90.9	4.9	1.2	0.4	0.3	0.3	0.1
Population 31 Dec. 2007	91.2	5.5	0.9	0.4	0.1	0.2	0.2

Source: Education and Population Statistics, Statistics Finland

1 General statistics on education in Finland

1.13 Foreign students (foreign citizens) by sector of education and continent 2007

Continent – country/ countries	Sector of education		Upper secondary general education	Proportion of foreign students
	Total	Proportion of foreign students		
		%		%
Europe	11,427	53.2	1,046	59.8
– EU countries	6,361	29.6	537	30.7
– Sweden	1,007	4.7	73	4.2
– Russia	4,253	19.8	424	24.3
– Estonia	2,455	11.4	285	16.3
Africa	2,973	13.8	156	8.9
North America	355	1.7	18	1.0
Latin America and Caribia	457	2.1	22	1.3
Asia	5,485	25.5	408	23.3
– China	1,955	9.1	48	2.7
Oceania	63	0.3	3	0.2
Unknown	716	3.3	95	5.4
Total	21,476	100.0	1,748	100.0
Foreign students as a proportion of all students, %	3.1		1.5	
All students	691,320		115,253	

Source: Education Statistics, Statistics Finland

1 General statistics on education in Finland

Vocational education		Polytechnic education		University education	
	Proportion of foreign students %		Proportion of foreign students %		Proportion of foreign students %
5,364	63.7	1,994	36.9	3,023	51.3
2,460	29.2	1,138	21.1	2,226	37.7
402	4.8	245	4.5	287	4.9
2,538	30.1	699	12.9	592	10.0
1,489	17.7	310	5.7	371	6.3
956	11.3	1,356	25.1	505	8.6
31	0.4	94	1.7	212	3.6
130	1.5	104	1.9	201	3.4
1,356	16.1	1,833	33.9	1,888	32.0
48	0.6	1,034	19.1	825	14.0
9	0.1	23	0.4	28	0.5
579	6.9	2	0.0	40	0.7
8,425	100.0	5,406	100.0	5,897	100.0
3.2		4.1		3.3	
266,479		133,284		176,304	

2 Educational institutions and personnel

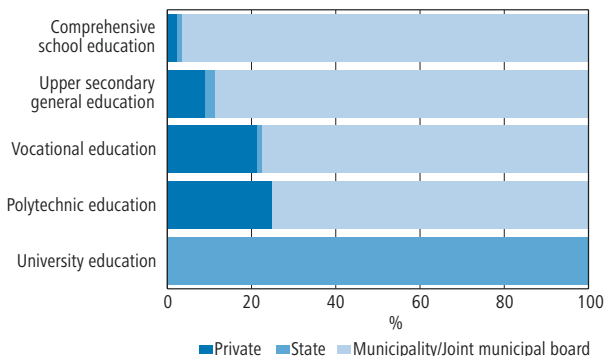
2.1 Total number of educational institutions and educational institutions in certain sectors of education 1999–2007

Year	Total	Educational institutions in certain sectors of education				
		Comprehensive school education	Upper secondary general education	Vocational education	Polytechnic education	University education ¹⁾
1999	5,483	4,099	479	404	25	20
2000	5,364	4,022	483	371	30	20
2001	5,272	3,953	483	359	30	20
2002	5,185	3,873	484	356	31	20
2003	5,103	3,808	483	353	31	20
2004	5,004	3,720	479	340	31	20
2005	4,838	3,579	471	341	31	20
2006	4,610	3,393	461	316	31	20
2007	4,443	3,263	449	303	30	20

1) Not including the National Defence College.

Source: Education Statistics, Statistics Finland

2.2 Students in educational institutions by ownertype of institution and sector of education 2007, %



Source: Education Statistics, Statistics Finland

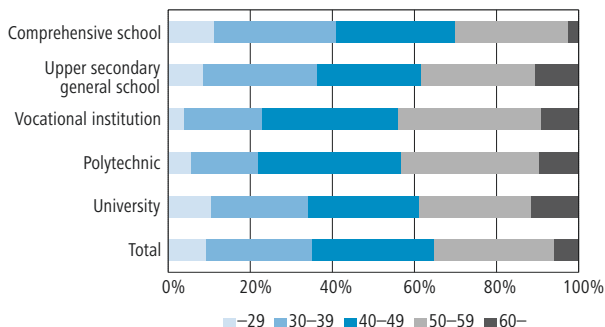
2 Educational institutions and personnel

2.3 Personnel in educational institutions 2006

Type of educational institutions	Teachers	Women %	Other personnel	Women %	Total personnel
Comprehensive schools	46,605	73.8	18,335	89.1	64,940
Upper secondary general schools	7,586	66.4	1,052	85.4	8,638
Vocational institutions	16,751	51.9	14,157	67.2	30,908
Polytechnics	5,431	57.6	3,213	62.5	8,644
Universities	8,091	43.8	19,115	54.8	27,206
Total	84,464	64.9	55,872	70.2	140,336

Source: Employment Statistics, Statistics Finland

2.4 Age structure of teachers 2006, %



Source: Employment Statistics, Statistics Finland

3 Educational structure of population

3.1 Population aged 15 or over by level of education¹⁾ and gender at end-2007

Level of education	Population aged 15 or over %	
Basic education or less (ISCED 2 or less)	1,551,533	35.2
Population with educational qualifications	2,854,361	64.8
Upper secondary education/Post-secondary non-tertiary education (ISCED 3/4)	1,697,907	38.5
Tertiary education (ISCED 5/6)	1,156,454	26.3
First stage of tertiary education (ISCED 5)	1,124,339	25.6
ISCED 5B programmes	488,510	11.1
ISCED 5A programmes	635,829	14.5
5A Medium programmes (Bachelor level)	333,741	7.6
5A Long/very long programmes (Master level)	302,088	6.9
Second stage of tertiary education (ISCED 6)	32,115	0.7
Licentiate's degree	9,495	0.2
Doctor's degree	22,620	0.5
Total	4,405,894	100.0

1) UNESCO: International Standard Classification of Education (ISCED 1997)

Source: Education Statistics, Statistics Finland

3 Educational structure of population

Men aged 15 or over		Women aged 15 or over	
	%		%
759,411	35.5	792,122	35.0
1,380,697	64.5	1,473,664	65.0
874,505	40.9	823,402	36.3
506,192	23.6	650,262	28.7
486,351	22.7	637,988	28.2
190,159	8.9	298,351	13.2
296,192	13.8	339,637	15.0
154,288	7.2	179,453	7.9
141,904	6.6	160,184	7.1
19,841	0.9	12,274	0.5
5,716	0.3	3,779	0.2
14,125	0.7	8,495	0.4
2,140,108	100.0	2,265,786	100.0

3 Educational structure of population

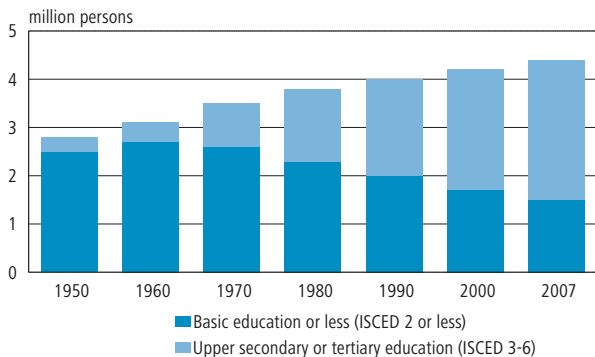
3.2 Population aged 15 or over by level of education¹⁾ 1975–2007

Level of education	1975 %	1980 %
Basic education or less (ISCED 2 or less)	69	62
Upper secondary education/ Post-secondary non-tertiary education (ISCED 3/4)	20	25
Tertiary education (ISCED 5/6)	11	13
Total	100	100
Population aged 15 years	3,688,006	3,822,569

1) UNESCO: International Standard Classification of Education (ISCED 1997)

Source: Education Statistics, Statistics Finland

3.3 Population aged 15 or over by level of education¹⁾ 1950–2007



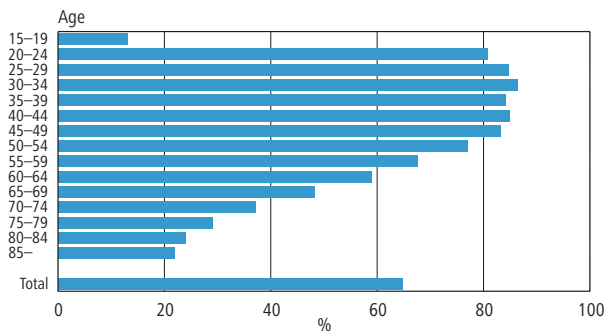
1) UNESCO: International Standard Classification of Education (ISCED 1997)

Source: Education Statistics, Statistics Finland

3 Educational structure of population

1985 %	1990 %	1995 %	2000 %	2005 %	2007 %
55	50	45	41	37	35
30	32	34	36	38	39
15	18	21	23	25	26
100	100	100	100	100	100
3,959,132	4,034,275	4,145,056	4,244,782	4,348,676	4,405,894

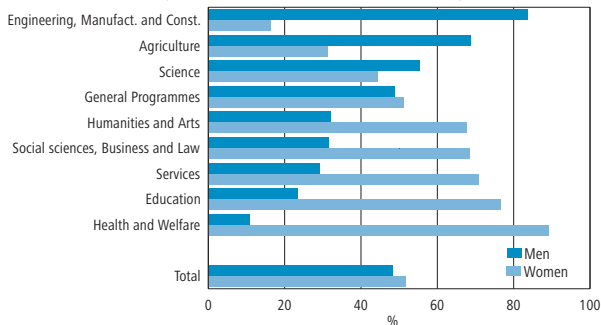
3.4 Population with qualifications after basic level education (ISCED 2) by age group 2007, %



Source: Education Statistics, Statistics Finland

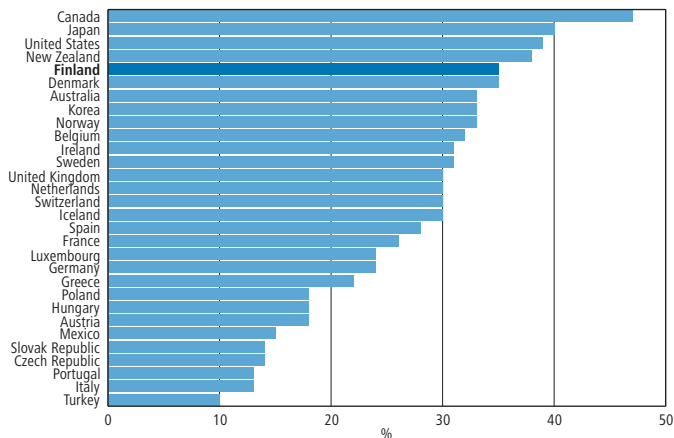
3 Educational structure of population

3.5 Population with educational qualifications after basic level education by field of education (ISCED) and gender 2007, %



Source: Education Statistics, Statistics Finland

3.6 Population aged 25 to 64 years with tertiary level (ISCED 5/6) qualifications in OECD countries 2006, %



Source: Education at a Glance. OECD Indicators 2008. OECD

4 Pre-primary and comprehensive school education

4.1 Pre-primary education pupils 2000–2008¹⁾

Year	Pre-primary education pupils in comprehensive schools	Pre-primary education pupils in day-care centres	Total	Compared with 6-year-old population %
2000	10,881	48,598	59,479	91.2
2001	12,613	49,069	61,682	97.4
2002	12,393	47,713	60,106	98.6
2003	12,434	47,113	59,547	99.9
2004	12,335	44,865	57,200	99.9
2005	12,276	45,637	57,913	99.9
2006	12,970	44,909	57,879	101.1
2007	12,925	44,061	56,986	100.6
2008	13,128	43,499	56,627	100.5

1) Pre-primary education for 6-year-old children (pre-school education) arranged in day-care centres and comprehensive schools. The duration of the programme is at least 700 hours per school year.

Source: Education Statistics, Statistics Finland

4.2 Pupils in comprehensive schools and with leaving certificates from comprehensive schools 1990–2008

Year	Pupils Pre-primary education ¹⁾	Grades 1–6	Grades 7–9	Additional education (10th grade)	Total	Leaving certificates ²⁾
1990	2,189	389,410	197,719	3,602	592,920	61,054
1995	3,973	384,369	196,642	3,178	588,162	63,756
2000	10,881	392,150	188,417	2,003	593,451	65,937
2001	12,613	393,267	187,998	1,849	595,727	63,747
2002	12,393	392,741	190,617	1,605	597,356	61,450
2003	12,434	387,934	195,585	1,461	597,414	60,831
2004	12,335	381,785	197,414	1,614	593,148	63,828
2005	12,276	372,128	200,384	1,593	586,381	63,755
2006	12,970	364,902	199,693	1,353	578,918	65,783
2007	12,925	357,403	199,067	1,294	570,689	65,568
2008	13,128	351,095	195,543	1,295	561,061	66,810

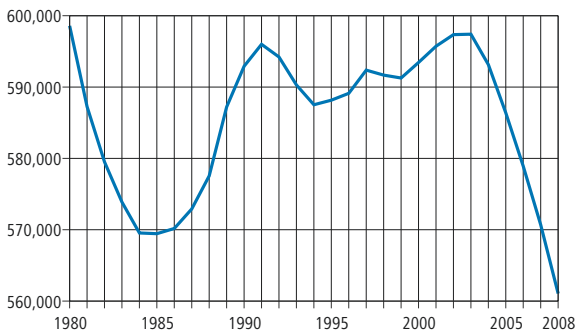
1) Pre-primary education in this table refers to pre-primary education for 6-year-old children (pre-school education) in comprehensive schools. In addition to this children receive pre-primary education in day-care centres.

2) Includes leaving certificates of pupils in comprehensive schools and in private tuition. In addition to comprehensive schools leaving certificate can be obtained in upper secondary general schools for adults, in folk high schools and in adult education centres.

Source: Education Statistics, Statistics Finland

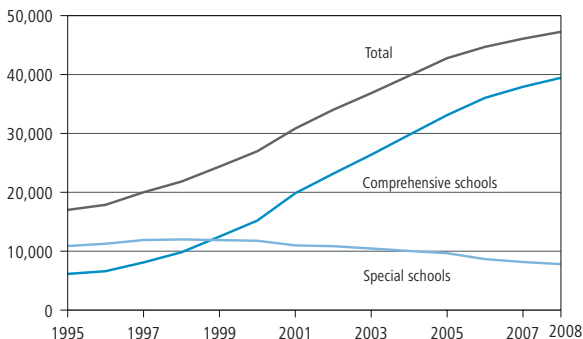
4 Pre-primary and comprehensive school education

4.3 Pupils in comprehensive schools 1980–2008



Source: Education Statistics, Statistics Finland

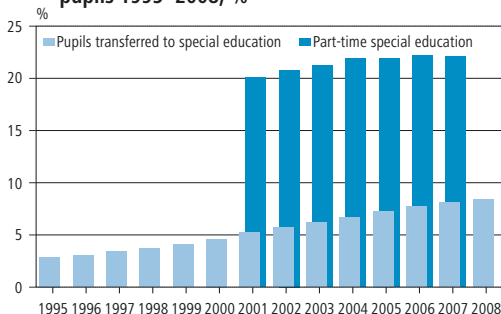
4.4 Pupils transferred to special education in comprehensive school education 1995–2008



Source: Education Statistics, Statistics Finland

4 Pre-primary and comprehensive school education

4.5 Shares of pupils transferred to special education and receiving part-time special education among all comprehensive school pupils 1995–2008, % ¹⁾



1) The numbers of pupils transferred to special education and recipients of part-time special education cannot be added together because some of the pupils transferred to special education also receive special teaching part-time.

Source: Education Statistics, Statistics Finland

4.6 Pupils transferred to special education in comprehensive schools and pupils who received part-time special education in comprehensive schools 1995–2008

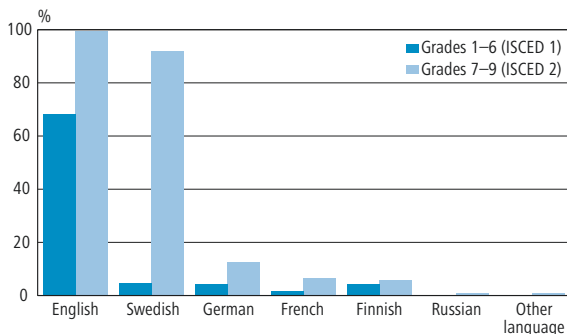
Year	Pupils transferred to special education			Pupils who received part-time special education		
	Total	Proportion of pupils in comprehensive schools %	Proportion of girls %	Total	Proportion of pupils in comprehensive schools %	Proportion of girls %
1995	17,013	2.9	..	..	..	..
2000	26,974	4.6	..	..	..	..
2005	42,778	7.3	32.3	128,291	21.9	38.7
2006	44,699	7.7	32.4	128,641	22.2	39.1
2007	46,085	8.1	32.3	126,288	22.1	39.4
2008	47,257	8.4	31.9	..	..	..

Data in the different sides of the vertical line cannot be added together because data are partially overlapping.

Source: Education Statistics, Statistics Finland

4 Pre-primary and comprehensive school education

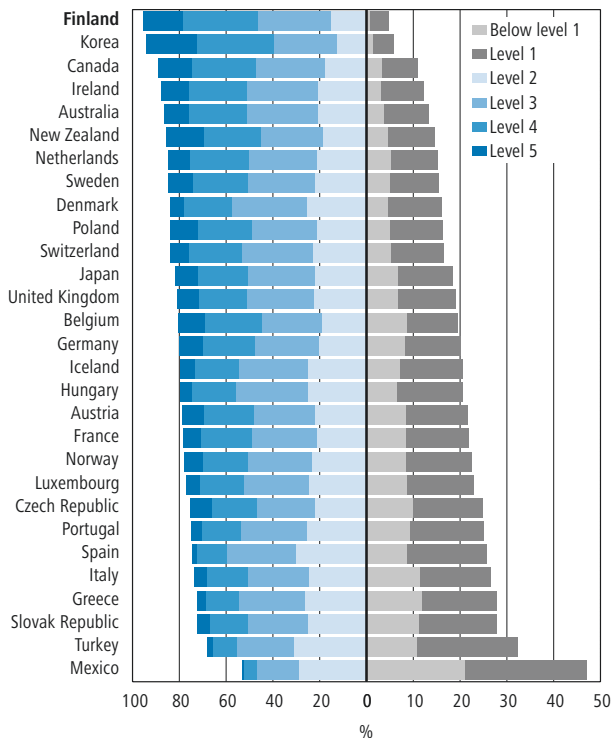
4.7 Comprehensive school pupils learning foreign languages by grade and language 2007, %



Source: Education Statistics, Statistics Finland

4 Pre-primary and comprehensive school education

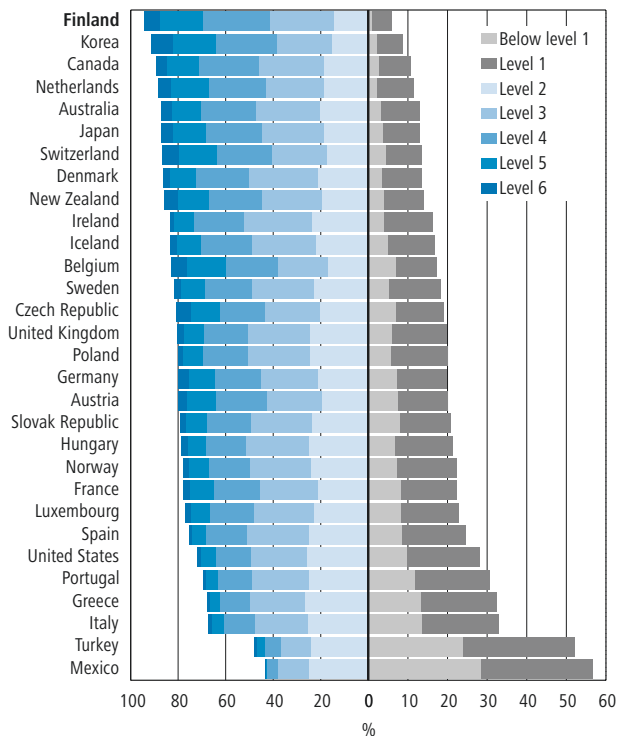
4.8 Percentage of students at each level of proficiency on the OECD PISA reading scale 2006, %



Source: PISA 2006. OECD

4 Pre-primary and comprehensive school education

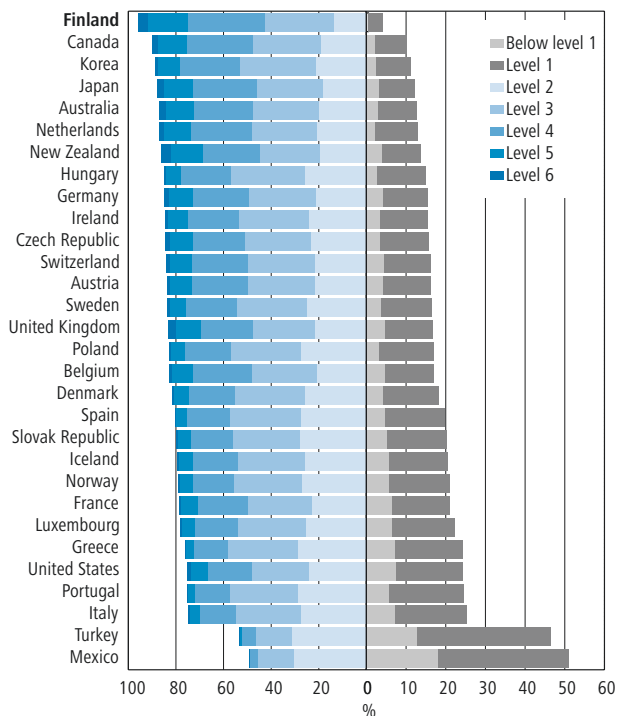
4.9 Percentage of students at each level of proficiency on the OECD PISA mathematics scale 2006, %



Source: PISA 2006. OECD

4 Pre-primary and comprehensive school education

4.10 Percentage of students at each level of proficiency on the OECD PISA science scale 2006, %



Source: PISA 2006. OECD

5 Upper secondary general education

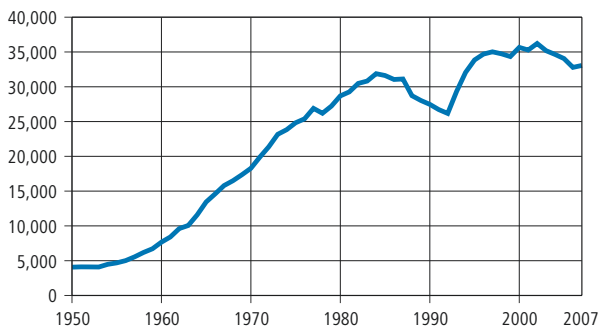
5.1 Students and matriculation examinations in upper secondary general education 1999–2007

Year	Students	Women %	Matriculation examinations ¹⁾	Women %
1999	130,624	57.6	34,347	59.4
2000	130,032	57.4	35,661	59.1
2001	128,642	57.8	35,283	58.2
2002	124,644	57.6	36,224	58.9
2003	121,816	57.3	35,182	58.7
2004	120,531	57.0	34,652	58.8
2005	118,111	56.7	34,058	57.6
2006	117,260	56.9	32,786	57.6
2007	115,253	57.1	33,066	58.0

1) Excluding international matriculation examinations (International Baccalaureate and Reifeprüfung) and Gymnasieexamen (Åland). In 2007 the number of these examinations was 442.

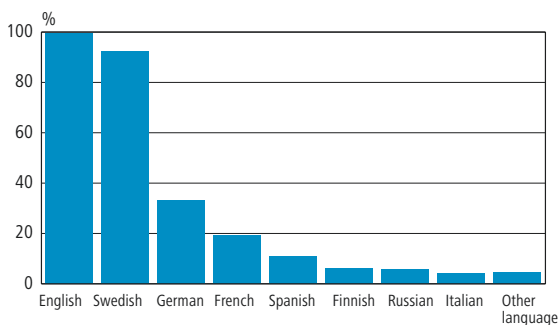
Source: Education Statistics, Statistics Finland

5.2 Matriculation examinations 1950–2007



Source: Education Statistics, Statistics Finland

5.3 Completers of upper secondary general education by foreign languages studied 2007, %



Source: Education Statistics, Statistics Finland

6 Vocational education

6.1 Students in vocational education 2007 (including apprenticeship training)

Education	Students		Total	Women %
	School type vocational education	Apprentice- ship training		
Initial vocational education	157,975	27,475	185,450	49.1
Curriculum-based initial vocational education	126,085	479	126,564	46.5
Initial vocational education preparing for competence-based qualification	31,890	26,996	58,886	54.5
Further vocational education	45,209	35,820	81,029	51.3
Education preparing for further vocational qualification	37,864	20,779	58,643	52.1
Education preparing for specialist vocational qualification	7,345	15,041	22,386	49.2
Total	203,184	63,295	266,479	49.8

Source: Education Statistics, Statistics Finland

6.2 Qualifications in vocational education 2007 (including apprenticeship training)

Education	Qualifications		Total	Women %
	School type vocational education	Apprenticeship training		
Initial vocational education	39,217	3,462	42,679	51.4
Curriculum-based initial vocational education	32,106	107	32,213	47.9
Initial vocational education preparing for competence-based qualification	7,111	3,355	10,466	62.4
Further vocational education	11,989	7,518	19,507	58.7
Education preparing for further vocational qualification	10,228	4,426	14,654	59.7
Education preparing for specialist vocational qualification	1,761	3,092	4,853	55.7
Total	51,206	10,980	62,186	53.7

Source: Education Statistics, Statistics Finland

6 Vocational education

6.3 Students in initial vocational education 2000–2007 (excluding apprenticeship training)¹⁾

Year	Students	Initial vocational education preparing for competence-based qualification	Total
	Curriculum-based initial vocational education		
2000	121,812	9,279	131,091
2001	118,679	11,325	130,004
2002	120,204	13,655	133,859
2003	120,111	16,098	136,209
2004	122,607	24,914	147,521
2005	124,188	28,140	152,328
2006	125,674	30,862	156,536
2007	126,085	31,890	157,975

1) The coverage of vocational education students has been changed in 2004. Data on education preparing for competence-based qualifications are from the calendar year, previously the data were as at 20 September.

Source: Education Statistics, Statistics Finland

6.4 Qualifications in initial vocational education 2000–2007 (excluding apprenticeship training)

Year	Qualifications	Initial vocational education preparing for competence-based qualification	Total
	Curriculum-based initial vocational education		
2000	37,490	2,958	40,448
2001	31,706	3,399	35,105
2002	29,139	4,740	33,879
2003	30,413	5,624	36,037
2004	31,626	6,325	37,951
2005	31,276	6,230	37,506
2006	31,119	6,560	37,679
2007	32,106	7,111	39,217

Source: Education Statistics, Statistics Finland

6.5 Students in education preparing for further and specialist vocational qualifications 2000–2007 (excluding apprenticeship training)¹⁾

Year	Students		Total
	Further vocational qualifications	Specialist vocational qualifications	
2000	14,888	2,965	17,853
2001	12,177	2,838	15,015
2002	11,700	2,840	14,540
2003	13,010	3,314	16,324
2004	30,716	4,901	35,617
2005	33,752	6,011	39,763
2006	38,445	7,259	45,704
2007	37,864	7,345	45,209

1) The coverage of data on students in education preparing for further and specialist vocational qualifications has been changed in 2004. Data on students in education preparing for further and specialist vocational qualifications are from the calendar year, previously the data were as at 20 September.

Source: Education Statistics, Statistics Finland

6.6 Further and specialist vocational qualifications 2000–2007 (excluding apprenticeship training)

Year	Qualifications		Total
	Further vocational qualifications	Specialist vocational qualifications	
2000	8,751	1,210	9,961
2001	8,936	1,204	10,140
2002	8,102	1,238	9,340
2003	8,352	1,267	9,619
2004	9,321	1,409	10,730
2005	8,950	1,630	10,580
2006	9,912	1,592	11,504
2007	10,228	1,761	11,989

Source: Education Statistics, Statistics Finland

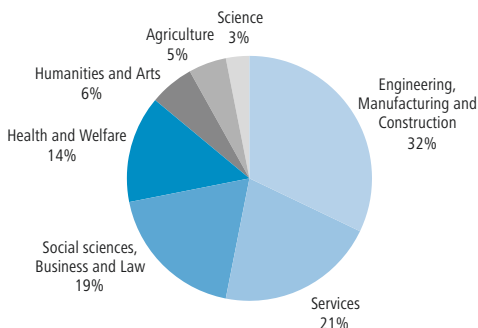
6 Vocational education

6.7 Students in apprenticeship training 2000–2007

Year	Students Initial vocational education	Further vocational education	Total
2000	15,419	20,610	36,029
2001	16,643	22,320	38,963
2002	17,395	24,064	41,459
2003	17,913	27,408	45,321
2004	18,136	29,549	47,685
2005	18,929	32,378	51,307
2006	22,017	32,615	54,632
2007	27,475	35,820	63,295

Source: Education Statistics, Statistics Finland

6.8 Vocational education students by field of education (ISCED) 2007, %



Source: Education Statistics, Statistics Finland

7.1 Polytechnic students and degrees 1992–2008¹⁾

Year	Students Total	Women %	Degrees Total	Women %
1992	6,915	47.8	—	—
1993	14,478	48.8	—	—
1994	23,584	49.9	68	75.0
1995	31,557	50.4	1,638	68.4
1996	42,722	51.3	4,580	55.4
1997	62,258	53.2	5,956	56.8
1998	82,211	54.5	6,971	59.9
1999	100,783	55.1	9,890	64.3
2000	114,020	55.0	14,178	64.6
2001	118,013	55.2	18,045	64.5
2002 ²⁾	126,767	53.5	20,462	63.9
2003	129,875	53.3	20,588	63.2
2004	131,919	53.7	20,821	62.4
2005	132,783	54.2	21,397	62.8
2006	132,560	54.3	21,006	63.6
2007	133,284	54.5	20,969	63.5
2008	132,501	54.8	21,812	63.5

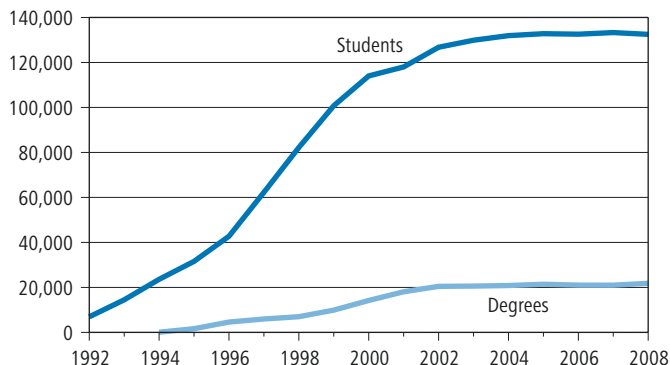
1) Polytechnic education as adult education is included in the figures.

2) Starting from year 2002 includes also new students registered as absent.

Source: Education Statistics, Statistics Finland

7 Polytechnic education

7.2 Students and degrees in polytechnics 1992–2008



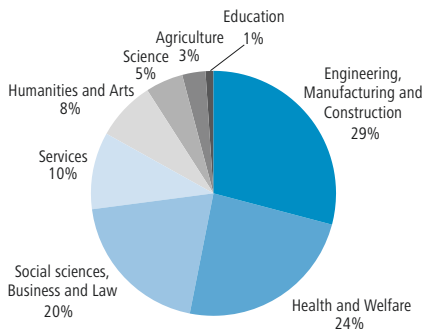
Source: Education Statistics, Statistics Finland

7.3 Polytechnic students and degrees by field of education (ISCED) 2008

Field of education	Students		Degrees	
	Total	Women %	Total	Women %
Education	1,680	66.0	273	81.0
Humanities and Arts	10,197	67.7	1,728	71.2
Social sciences, Business and Law	27,150	63.7	4,448	73.4
Science	6,416	26.6	869	35.3
Engineering, Manufacturing and Construction	38,170	15.7	5,406	18.2
Agriculture	4,044	48.0	581	51.3
Health and Welfare	32,055	88.7	6,315	92.2
Services	12,789	71.9	2,192	78.7
Total	132,501	54.8	21,812	63.5

Source: Education Statistics, Statistics Finland

7.4 Polytechnic students by field of education (ISCED) 2008, %



Source: Education Statistics, Statistics Finland

8 University education

8.1 University students and degrees 1990–2007

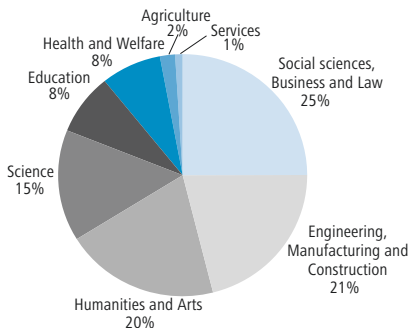
Year	Students		Degrees	
	Total	Women %	Total	Women %
1990 ¹⁾	112,921	51.7	10,982	54.2
1995	133,359	52.3	13,521	55.9
1996	140,129	52.4	14,865	57.7
1997	142,962	52.3	16,050	58.1
1998	147,278	52.5	16,557	58.6
1999	152,466	52.7	17,214	57.6
2000	157,796	53.2	16,845	59.3
2001	162,939	53.4	16,822	59.2
2002 ²⁾	164,312	53.5	17,708	60.4
2003	169,846	53.5	18,197	61.6
2004	173,974	53.4	18,293	61.7
2005	176,061	53.7	19,176	61.8
2006	176,555	53.8	19,410	61.6
2007	176,304	54.0	22,310	63.0

1) Students who have participated in education science studies for subject teachers are included in 1990. Data for 1990 include only new students in the autumn term.

2) The data for 1990-2001 are from 31 December and from 2002 onwards from 20 September.

Source: Education Statistics, Statistics Finland

8.2 University students by field of education (ISCED) 2007, %



Source: Education Statistics, Statistics Finland

8.3 University students and degrees by institution and gender 2007

University	Students		Degrees	
	Total	Women %	Total	Women %
University of Helsinki	38,365	64.6	5,050	68.5
University of Turku	16,204	63.5	2,036	71.4
Åbo Akademi University	6,662	60.5	909	68.9
University of Oulu	15,793	49.0	1,864	61.3
University of Tampere	15,725	65.8	1,797	73.2
University of Jyväskylä	13,748	63.2	2,182	70.7
Helsinki University of Technology	14,535	21.9	1,295	24.9
Helsinki School of Economics	4,274	45.2	647	48.2
Swedish School of Economics and Business Administration	2,465	44.2	244	45.5
Turku School of Economics and Business Administration	2,473	49.0	272	59.2
University of Vaasa	5,055	53.3	554	65.5
Lappeenranta University of Technology	5,784	29.3	743	39.7
Tampere University of Technology	11,850	21.0	926	23.3
University of Kuopio	6,229	66.0	922	75.8
University of Joensuu	8,328	62.5	1,621	71.7
Sibelius Academy	1,475	57.9	229	65.9
University of Art and Design Helsinki	1,900	63.1	319	67.4
University of Lapland	4,742	70.7	563	78.0
Theatre Academy	425	58.1	90	56.7
Academy of Fine Arts	272	52.6	47	46.8
Total	176,304	54.0	22,310	63.0

Source: Education Statistics, Statistics Finland

8 University education

8.4 University degrees by level 1990–2007

Level	1990	1995	1996	1997
Lower university degrees (Bachelor's degrees) Women (%)	1,069 81.1	1,610 72.8	2,108 72.4	2,806 73.2
Higher university degrees (Master's degrees) Women (%)	8,419 54.1	9,807 56.1	10,611 57.5	10,894 57.2
Specialist's degrees in medicine, dentistry and veterinary medicine Women (%)	463 44.3	553 49.4	557 54.6	557 57.1
Licentiate's degrees Women (%)	541 31.8	793 41.6	738 40.4	859 39.8
Doctor's degrees Women (%)	490 31.8	758 36.9	851 40.2	934 40.1
Total Women (%)	10,982 54.2	13,521 55.9	14,865 57.7	16,050 58.1

Source: Education Statistics, Statistics Finland

8 University education

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
2,832 73.7	2,757 73.6	2,793 73.8	2,701 74.0	2,983 74.5	3,274 75.4	3,092 74.7	3,371 74.5	3,814 72.9	5,879 73.5
11,342 57.5	11,857 56.1	11,515 58.3	11,581 58.0	12,073 58.8	12,412 60.0	12,588 60.8	12,920 60.5	13,128 60.4	13,884 60.1
576 56.4	634 59.0	633 54.8	641 58.2	776 58.9	648 59.4	656 64.2	930 60.3	570 63.0	561 64.7
819 45.2	802 43.4	748 47.2	693 47.6	653 52.4	606 54.1	558 49.5	533 49.2	489 47.6	460 54.8
988 39.8	1,164 43.3	1,156 45.2	1,206 44.6	1,223 46.2	1,257 46.8	1,399 45.5	1,422 49.1	1,409 46.8	1,526 50.6
16,557 58.6	17,214 57.6	16,845 59.3	16,822 59.2	17,708 60.4	18,197 61.6	18,293 61.7	19,176 61.8	19,410 61.6	22,310 63.0

8 University education

8.5 University students and degrees by field of education (ISCED) 2007

Field of education	Students		Degrees	
	Total	Women %	Total	Women %
Education	14,332	81.3	2,751	84.8
Humanities and Arts	35,006	72.1	4,756	77.4
Social sciences, Business and Law	43,641	58.9	5,519	65.0
Science	27,043	42.3	2,926	45.9
Engineering, Manufacturing and Construction	37,599	22.4	3,285	26.2
Agriculture	2,889	57.6	329	60.5
Health and Welfare	13,391	72.1	2,427	76.6
Services	2,403	62.8	317	61.2
Total	176,304	54.0	22,310	63.0

Source: Education Statistics, Statistics Finland

8.6 Foreign university students (foreign citizens) and degrees completed by foreign students in universities by level 2007

Level	Foreign students	Proportion of all students	Degrees completed by foreign students	Proportion of all degrees
		%		%
Lower university degrees (Bachelor's degrees)	748	1.3	81	1.4
Higher university degrees (Master's degrees)	3,232	3.5	517	3.7
Specialist's degrees in medicine, dentistry and veterinary medicine	83	3.3	7	1.2
Licentiate's degrees	88	2.5	25	5.4
Doctor's degrees	1,746	9.7	190	12.5
Total	5,897	3.3	820	3.7

Source: Education Statistics, Statistics Finland

9 Adult education and training

9.1 Students in adult education leading to a qualification or degree 2000–2007¹⁾

	2000	2003	2004	2005	2006	2007
Full syllabus students in upper secondary general education	15,445	12,892	12,068	12,091	11,688	10,885
Vocational competence-based qualification ²⁾	61,776	77,604	107,615	118,708	130,835	139,915
Initial vocational qualification	23,313	33,990	42,449	46,567	52,516	58,886
Further vocational qualification	31,768	29,287	47,501	51,958	56,833	58,643
Specialist vocational qualification	6,695	14,327	17,665	20,183	21,486	22,386
Polytechnic degree ³⁾	20,527	22,018	22,083	22,555	22,806	23,670

1) Students in adult education leading to a qualification or degree are included in the data on upper secondary general, vocational and polytechnic education in their respective chapters.

2) Including apprenticeship training. The coverage of vocational education students has been changed in 2004. Data on education preparing for competence-based qualifications and on apprenticeship training are from the calendar year, previously the data were as at 20 September.

3) Polytechnic degree as adult education.

Source: Education Statistics, Statistics Finland

9.2 Adult education qualifications and degrees 2000–2007¹⁾

	2000	2003	2004	2005	2006	2007
Matriculation examination	2,670	2,756	2,617	2,475	2,075 ²⁾	2,117
Vocational competence-based qualification ³⁾	16,903	23,345	25,052	26,822	29,091	29,973
Initial vocational qualification	4,170	8,388	8,879	9,324	9,800	10,466
Further vocational qualification	11,046	12,002	12,533	12,915	14,289	14,654
Specialist vocational qualification	1,687	2,955	3,640	4,583	5,002	4,853
Polytechnic degree ⁴⁾	3,373	4,489	4,349	4,671	4,263	4,228

1) Adult education qualifications and degrees are included in the data on upper secondary general, vocational and polytechnic education in their respective chapters.

2) Data in the different sides of the vertical line are not totally comparable.

3) Including apprenticeship training.

4) Polytechnic degree as adult education.

Source: Education Statistics, Statistics Finland

9 Adult education and training

9.3 Adult education not leading to a qualification or degree in educational institutions 2007

Type of education	Participation cases (gross)	Women	Hours taught
Further vocational education, not apprenticeship training	151,746	41	733,522
Further vocational education, apprenticeship training	2,423	59	26,513
Labour market training for adults	57,282	52	1,232,294
Courses financed by employer	251,101	47	429,489
Liberal adult education ¹⁾	1,650,884	72	2,866,664
Open polytechnic education	16,537	74	186,079
Open university education ²⁾	54,864	80	89,299
Other education	84,389	51	322,475
Total	2,269,226	66	5,886,335

1) The number of net participation cases in liberal adult education was 1,020,000.

2) Excluding open university education arranged by universities.

Source: Education Statistics, Statistics Finland

10.1 Current expenditure on regular education system by type of expenditure 2007

Type of expenditure	EUR million	%
Pre-primary education ¹⁾	285	2.9
Comprehensive school education	3,667	36.7
Upper secondary general education	635	6.4
Vocational education	1,318	13.2
Apprenticeship training ²⁾	169	1.7
Polytechnic education	784	7.9
University education and research ³⁾	1,806	18.1
Other education	389	3.9
Administration	199	2.0
Student financial aid	731	7.3
Total	9,985	100.0

1) Pre-primary education for 6-year-old children (pre-school education) in day-care centres and comprehensive schools.

2) Apprenticeship training includes both initial vocational education and further vocational education.

3) Includes universities' external financing for research.

Source: *Education Statistics, Statistics Finland*

10 Educational finances

10.2 Current expenditure on regular education system by type of expenditure 1995–2007

Type of expenditure	Year					Change 2006–2007
	1995 EUR million	2000 EUR million	2005 EUR million	2006 EUR million	2007 EUR million	%
Pre-primary education ¹⁾	..	94	269	272	285	4.9
Comprehensive school education ²⁾	2,379	2,734	3,413	3,538	3,667	3.6
Upper secondary general education ²⁾	429	503	600	618	635	2.8
Vocational education ³⁾	1,161	925	1,183	1,264	1,318	4.2
Apprenticeship training ⁴⁾	32	96	132	139	169	21.6
Polytechnic education ³⁾	145	525	704	762	784	3.0
University education and research ⁵⁾	945	1,364	1,671	1,736	1,806	4.0
Other education ⁶⁾	265	298	361	374	389	4.2
Administration	143	161	190	191	199	4.3
Student financial aid	614	648	732	740	731	–1.2
Total	6,113	7,348	9,253	9,634	9,985	3.6
Current expenditure as a percentage of GDP, %	6.4	5.6	5.9	5.8	5.6	

1) Free of charge pre-primary education for 6-year-old children (pre-school education) in day-care centres and comprehensive schools started in August 2000.

Prior to August 2000 expenditure on pre-primary education in comprehensive schools is included in expenditure on comprehensive school education.

2) Calculatory employers' contribution fees for pension funds on municipal teaching personnel has been added to the figures in years 1995–2000.

In 2000–2007 includes also comprehensive school and upper secondary general education arranged in folk high schools.

3) Expenditure on vocational and polytechnic education don't include small outlays.

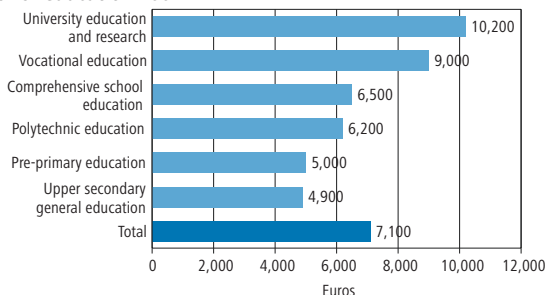
4) Apprenticeship training includes both initial vocational education and further vocational education.

5) Includes universities' external financing for research. Includes rents of the State Real Estate Board for only part of the year 1995.

6) Not including education leading to a qualification or degree in folk high schools 2000–2007.

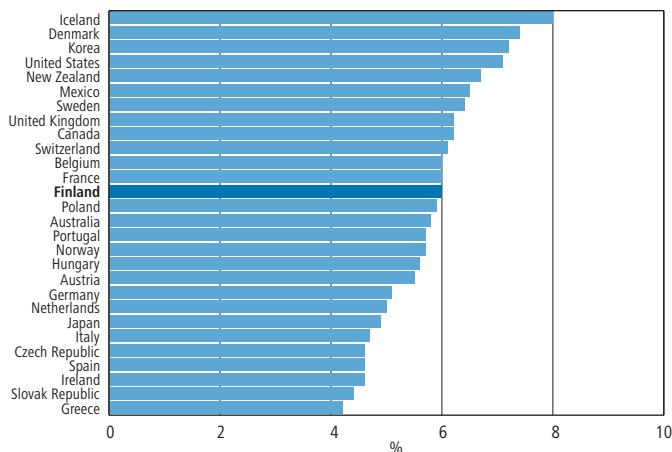
Source: *Education Statistics, Statistics Finland*

10.3 Current expenditure on educational institutions per student by sector of education 2007



Source: Education Statistics, Statistics Finland

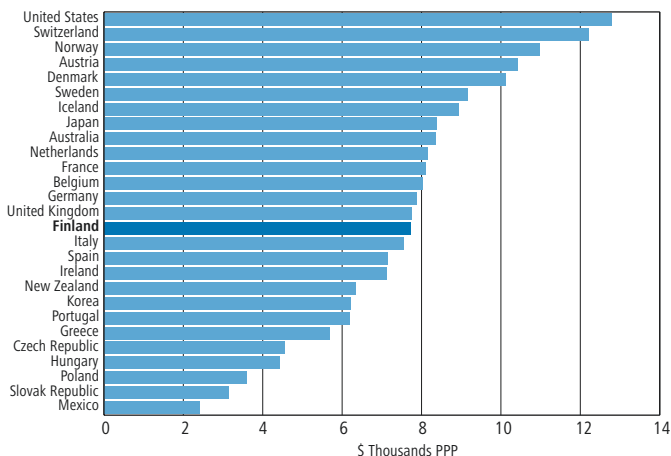
10.4 Expenditure on educational institutions as a percentage of GDP in OECD countries 2005, %



Source: Education at a Glance. OECD Indicators 2008. OECD

10 Educational finances

10.5 Annual expenditure on educational institutions per student from primary to tertiary education in OECD countries 2005



Source: *Education at a Glance. OECD Indicators 2008. OECD*

11.1 New students by sector of education 2000–2007¹⁾

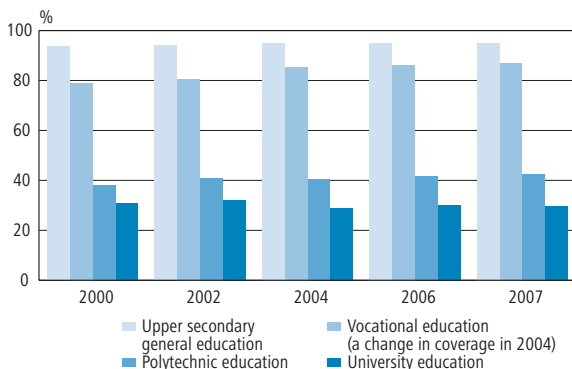
Sector of education	2000	2004	2005	2006	2007
Upper secondary general education	43,775	40,591	39,543	39,395	38,517
Vocational education ²⁾	75,820	96,094	101,698	107,946	112,736
Polytechnic education ³⁾	33,525	36,420	36,827	36,191	36,540
University education ⁴⁾	19,954	21,048	20,838	20,136	19,637
Total	173,074	194,153	198,906	203,668	207,430

| Data in the different sides of the vertical line are not comparable.

- 1) A new student is included only once in the total of each sector of education.
- 2) The coverage of new students in vocational education has been changed in 2004. Data on education preparing for competence-based qualifications and on apprenticeship training are from the calendar year, previously the data were as at 20 September.
- 3) Starting from year 2002 includes also new students registered as absent.
- 4) Includes only new students in lower and higher university programmes (Bachelor's and Master's degrees).

Source: Education Statistics, Statistics Finland

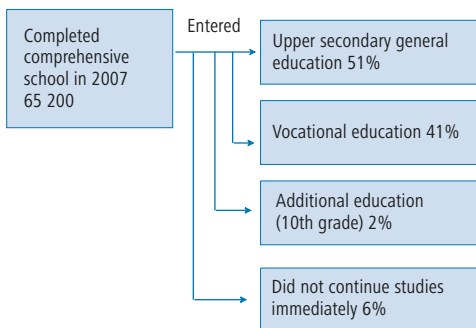
11.2 Entrants to education as a proportion of applicants by sector of education 2000–2007, %



Source: Education Statistics, Statistics Finland

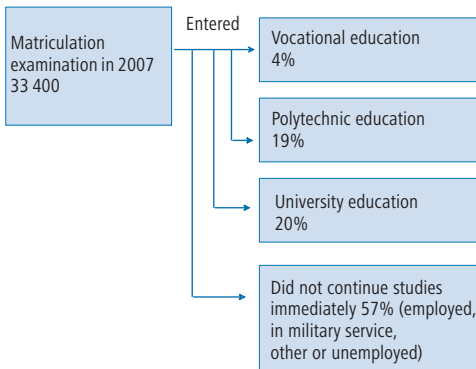
11 Entrance to education

11.3 Immediate transition to education of pupils who completed comprehensive school 2007



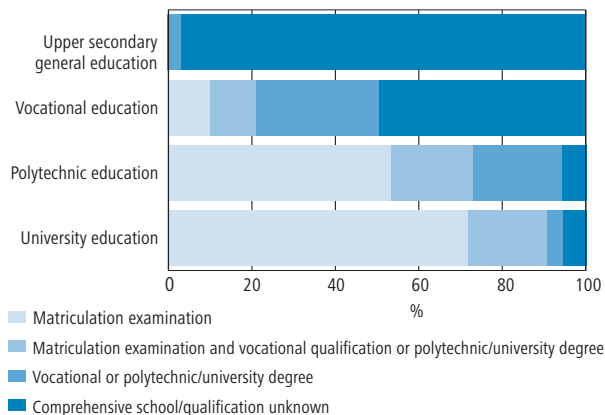
Source: Education Statistics, Statistics Finland

11.4 Immediate transition to education of matriculation examination graduates 2007



Source: Education Statistics, Statistics Finland

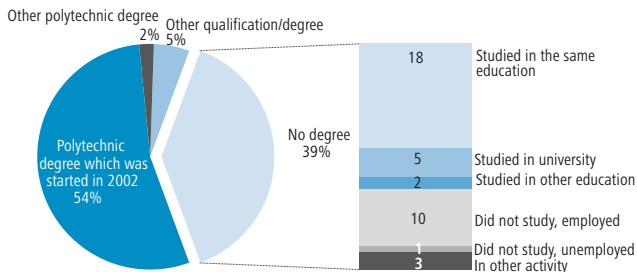
11.5 New students by sector of education and previous education 2007, %



Source: Education Statistics, Statistics Finland

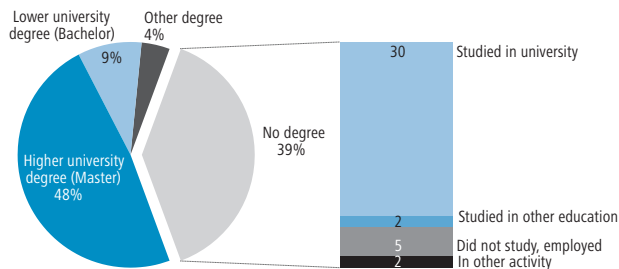
12 Progress of studies

12.1 Progress of studies in polytechnic education of those who entered education in 2002 by end-2007, %



Source: Education Statistics, Statistics Finland

12.2 Progress of studies in higher university programmes (Master's degree) of those who entered education in 2000 by end-2007, %



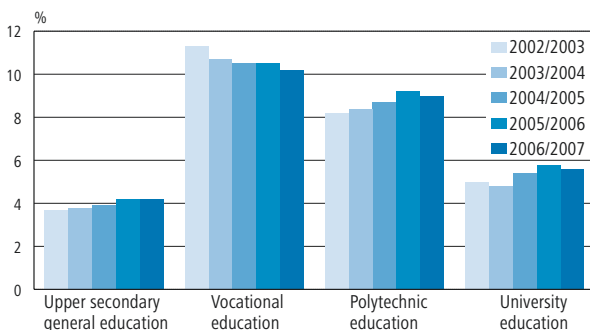
Source: Education Statistics, Statistics Finland

12.3 Discontinuation of studies in education leading to a qualification or degree in school/academic year 2006–2007

Sector of education	Discontinued studies in the same sector of education	Changed the sector of education	Discontinued studies in education leading to a qualification or degree
	%	%	%
Upper secondary general education	4.2	2.1	2.0
Vocational education	10.2	1.0	9.2
Polytechnic education	9.0	2.3	6.8
University education	5.6	0.8	4.8
Total	7.3	1.5	5.8

Source: Education Statistics, Statistics Finland

12.4 Discontinuation of studies in upper secondary general, vocational, polytechnic and university education in school/academic years 2002/2003–2006/2007, %



Source: Education Statistics, Statistics Finland

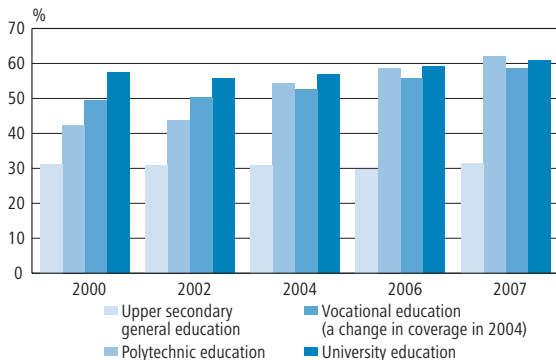
13 Transition from school to work

13.1 Students who graduated in 2006 by level of education and main activity at end-2007, %

Level of education	Total	Activity at end-2007 (preliminary data)				
		Em- ployed	Em- ployed and in educa- tion	In education (main activity)	Unem- ployed	Other
ISCED 3						
Matriculation examination	100.0	44.1	26.3	38.4	1.9	15.5
Upper secondary vocational qualification	100.0	74.5	11.6	7.1	9.3	9.2
ISCED 5B						
Post-secondary non-higher vocational qualification	100.0	90.6	12.3	5.8	1.4	2.2
ISCED 5A						
Polytechnic Bachelor's degree	100.0	88.7	8.0	3.4	4.5	3.5
Lower university degree (Bachelor's degree)	100.0	74.3	42.9	22.5	1.6	1.6
Polytechnic Master's degree	100.0	97.3	11.0	—	—	2.7
Higher university degree (Master's degree)	100.0	87.7	16.6	4.6	3.7	4.0
Specialist's degree in medicine, dentistry or veterinary medicine	100.0	98.9	18.5	0.7	0.2	0.2
ISCED 6						
Licentiate's degree	100.0	86.0	50.1	7.5	3.2	3.2
Doctor's degree	100.0	87.4	8.9	1.6	3.1	8.0
Total 2007	100.0	70.8	16.1	14.4	5.7	9.0
2006	100.0	68.4	15.1	15.5	6.8	9.4
2005	100.0	66.5	14.7	16.7	7.9	8.8

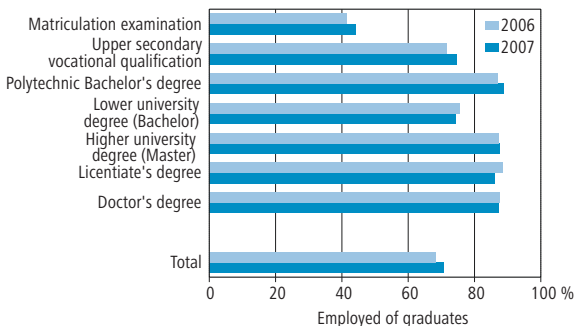
Source: Education Statistics, Statistics Finland

13.2 Proportion of employed students (18-year or older) during studies by sector of education 2000–2007, %



Source: Education Statistics, Statistics Finland

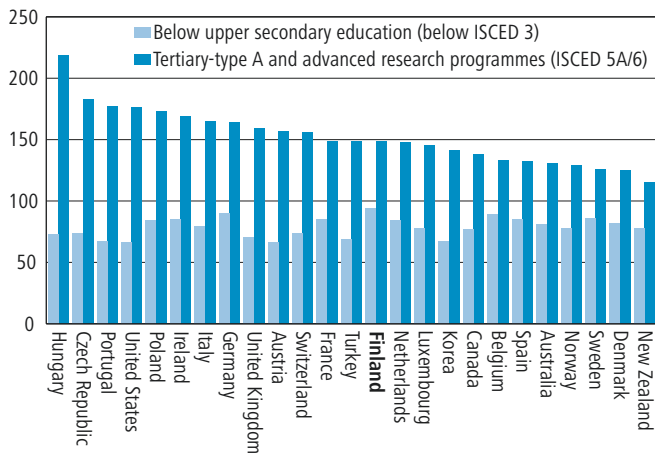
13.3 Employment of graduates year after graduation by level of education 2006 and 2007, %



Source: Education Statistics, Statistics Finland

13 Transition from school to work

13.4 Relative earnings of the population by level of educational attainment for 25-to-64-year-olds in certain OECD countries 2006 (upper secondary education = 100)



Source: *Education at a Glance. OECD Indicators 2008*. OECD

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