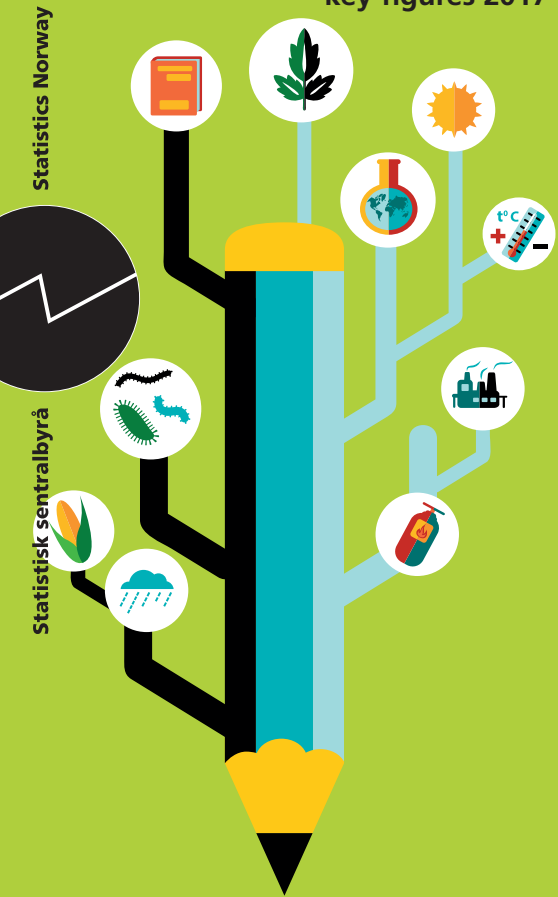


Facts about education in Norway 2019

– key figures 2017



Facts about education in Norway 2019
– key figures 2017

This brochure contains key figures for education statistics in Norway. The statistics are based on figures for 2017.

Further information on education statistics is available on Statistics Norway's web site:

- <https://www.ssb.no/en/utdanning>
- <https://www.ssb.no/en/statbank>
- <https://www.ssb.no/en/offentlig-sektor/kostra>

The brochure has been published on commission by the Ministry of Education and Research.

Statistics Norway, Division for Education and Culture Statistics is responsible for this publication

Facts about Norway

Official name: The Kingdom of Norway

System of government: Constitutional Monarchy

Area 2018:

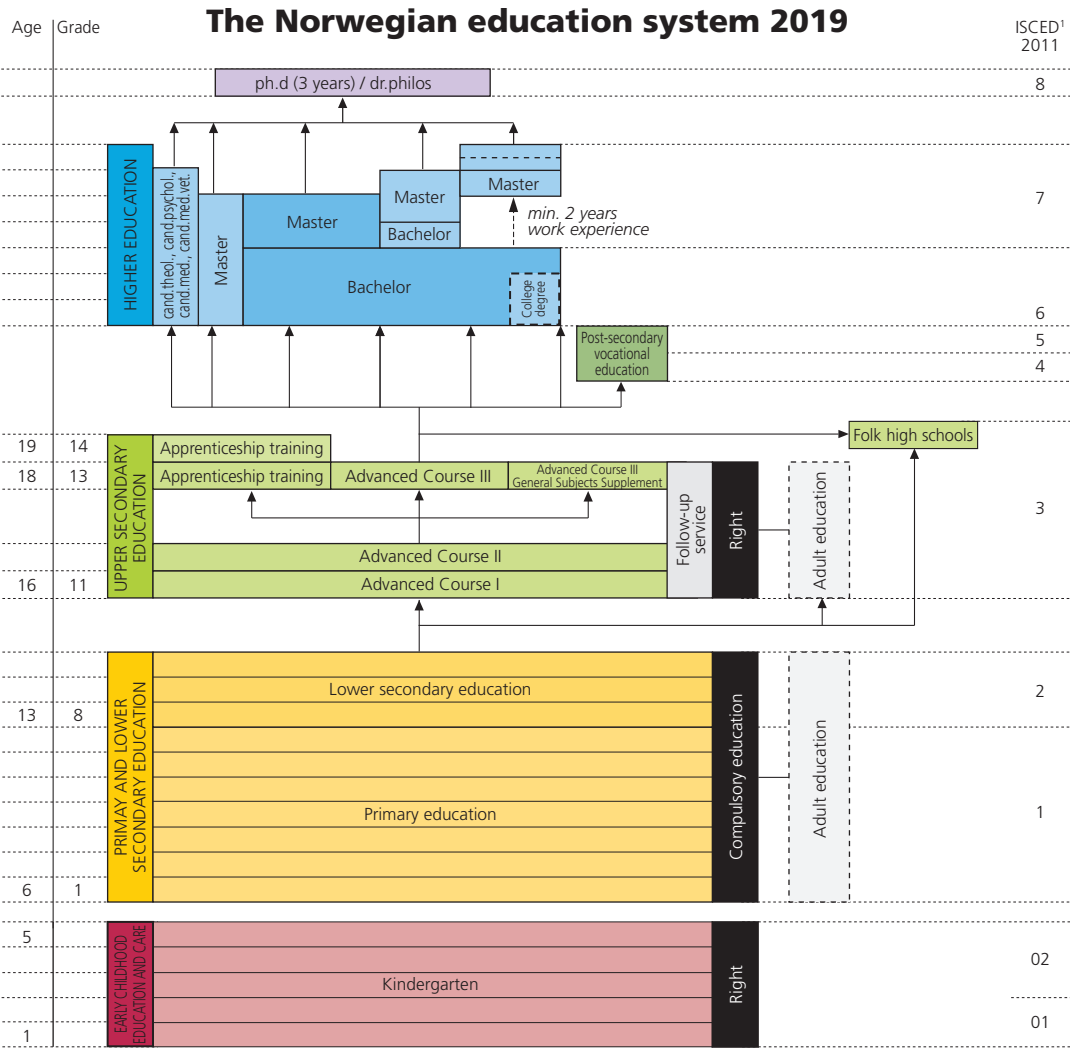
The Kingdom of Norway: 385 208 km²

Mainland: 323 808 km²

Svalbard and Jan Mayen: 61 399 km²

Population 1 January 2018: 5 295 619

Monetary unit: Norwegian kroner, NOK



¹ISCED = International Standard Classification of Education.

Contents

- 1. Children, pupils, apprentices, trainees, students and participants 3
- 2. Kindergartens 4
- 3. Primary, lower and upper secondary education. 8
 - 3.1. Primary and lower secondary education 8
 - 3.2. Upper secondary education 11
- 4. Post-secondary vocational education 15
- 5. Higher education. 16
- 6. Adult education 21
 - 6.1. Primary and lower secondary education 21
 - 6.2. Upper secondary education 21
 - 6.3. Folk high schools 21
 - 6.4. Adult education associations 22
 - 6.5. Lifelong learning in Norwegian working life 22
- 7. Educational attainment 23
- 8. Resources 25
 - 8.1. Teaching and academic staff. 25
 - 8.2. Finance 29

Explanation of symbols

Category not applicable.....	.
Data not available.....	..
Data not yet available
Not for publication.....	:
Nil.....	-
Less than 0.5 of unit	0
Less than 0.05 of unit	0,0
Provisional or preliminary figure	*
Break in the homogeneity of a vertical series...	—
Break in the homogeneity of a horizontal series	
Decimal point	,

Published by
Statistics Norway
December 2018

Responsible:
Geir Nygård
Statistics Norway
geir.nygard@ssb.no

Print:
07 Media AS

- **KINDERGARTENS** are pedagogical institutions for children below compulsory school age. Children who reach the age of one no later than by the end of August in the year a kindergarten place has been sought, are, upon application, entitled to a place in a kindergarten from August. Children who reach the age of one in September, October or November are entitled to a place in a kindergarten from the month they reach the age of one.
- **PRIMARY AND LOWER SECONDARY EDUCATION** covers education for children aged 6 to 15 and grades 1 to 10. Local authorities are required to offer before and after-school care for pupils in 1st to 4th grade.
- **UPPER SECONDARY EDUCATION** normally provides three years of general education or four years of vocational training after the 10-year compulsory education. The norm for apprenticeship training is two years of vocational training in upper secondary education followed by one or two years of practical training in industry.
- **POST-SECONDARY VOCATIONAL EDUCATION** comprise shorter (6 months - 2 years) vocational education building on completion of upper secondary education, but are not defined as higher education.
- **HIGHER EDUCATION** Higher education is based on general admission, normally completed secondary education. The main structure is a 3+2+3 model; a three-year bachelor's degree, two-year master's degree and three-year doctoral programme.
- **ADULT EDUCATION** includes adult education at primary, lower secondary and upper secondary level, folk high schools, adult education associations and independent distance learning institutions.

Adults who have not completed sufficient primary and lower secondary education are entitled to education at these levels. Adults from the age of 25 years who have completed primary and lower secondary school or the equivalent, but not upper secondary education, have the right to such education upon application.

A study association consists of two or more voluntary organisations and offers a selection of courses, ranging from basic education/training to work training and studies at university level. Study associations offer courses in most municipalities and can apply for government funding.

The folk high schools are free, and are general education schools that also have a clear integrative goal. Folk high schools do not have a curriculum or examinations. Folk high schools offer both short courses lasting at least two days and a maximum of 94 days, and long courses with a duration of 4-10 months.

Web-based schools offer a high degree of flexibility as teachers and students may communicate with each other regardless of time and place. The teaching is organised as web-based tuition or combined web-based tuition and central or regional collections of students. Approved web-based schools can apply for state funding.

1. Children, pupils, apprentices, trainees, students and participants



- Unless otherwise specified, the source of data on pupils and students is the Division for education statistics at Statistics Norway.

Number of children, pupils, apprentices, trainees and students. 2017

Children in kindergartens, in total	281 622
0-2 years	101 722
3-6 years	179 900
Pupils in primary and lower secondary education, in total	633 029
Primary education (1st-7th grade)	447 355
Lower secondary education (8th-10th grade)	185 674
Pupils, apprentices and trainees in upper secondary education, in total	243 490
Pupils in upper secondary schools	198 944
Apprentices	42 594
Trainees	1 952
Pupils in folk high schools, in total	7 684
Pupils in other upper secondary educational programmes, in total	2 536
Students in post-secondary vocational education, in total	15 271
Public	8 126
Private	7 145
Students in higher education, in total	293 123
Universities	141 666
State specialised university institutions	8 367
Private specialised university institutions	25 555
State university colleges	78 476
State university colleges of the arts	553
The Norwegian Police University College	3 085
Military university colleges	2 555
Correctional Service of Norway Staff Academy	412
Private university colleges	16 968
Higher education abroad	15 486

More information: <http://www.ssb.no/en/utdanning/>

2. Kindergartens



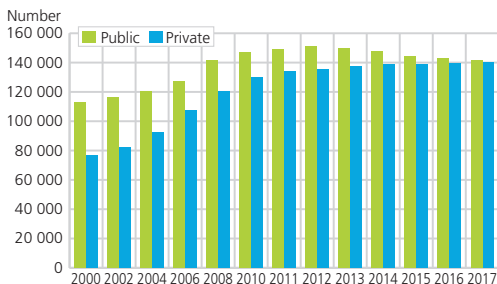
- Kindergartens are pedagogical institutions for children below compulsory school age. Children who reach the age of one no later than by the end of August in the year a kindergarten place has been sought, are, upon application, entitled to a place in a kindergarten from August. Children who reach the age of one in September, October or November are entitled to a place in a kindergarten from the month they reach the age of one.
- Statistics on children in kindergartens are based on data compiled electronically through BASIL by the forms "Annual reports for kindergartens as of 15 December".

Children in kindergartens. Number and per cent

	Total	Hours per week		
		0-32	33-40	41 or more
2000	189 837	36.6	6.1	57.3
2002	198 262	33.2	8.1	58.7
2004	213 097	26.3	8.5	65.2
2006	234 948	17.3	7.3	75.4
2008	261 886	11.2	5.8	83.0
2010	277 139	8.2	4.9	87.0
2012	286 153	5.4	4.3	90.3
2014	286 414	3.4	3.3	93.3
2015	283 608	2.7	2.9	94.3
2016	282 649	2.4	2.7	94.9
2017	281 622	1.9	2.6	95.5

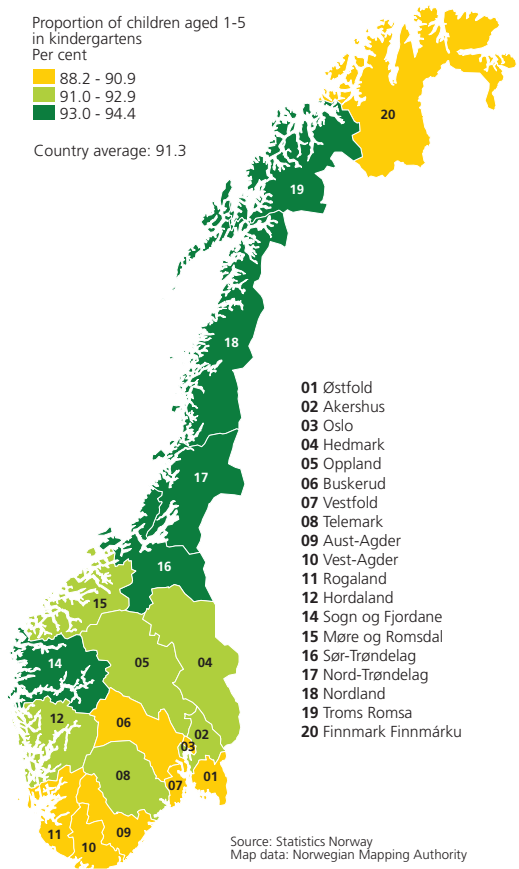
More information: <http://www.ssb.no/en/barnehager/>

Children in public and private kindergartens



More information: <http://www.ssb.no/en/barnehager/>

Children aged 1-5 in kindergartens. 2017



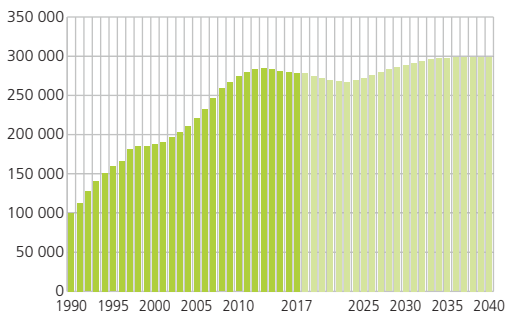
More information: <http://www.ssb.no/en/barnehager/>

Children by age in kindergartens. Per cent

	1 year	2 years	3 years	4 years	5 years	1-5 years
2000	26.8	47.5	71.6	80.1	82.5	62.0
2002	29.8	50.6	76.6	84.2	86.5	65.9
2004	37.0	58.8	82.8	88.9	91.1	72.2
2006	50.7	72.8	89.8	93.8	94.8	80.4
2008	65.8	83.6	93.6	96.4	96.8	87.2
2010	70.4	87.4	95.1	97.1	97.4	89.3
2011	70.9	88.0	95.1	97.2	97.3	89.7
2012	69.6	90.5	95.3	97.1	97.6	90.1
2013	68.9	90.6	95.3	96.9	97.5	90.0
2014	68.5	91.3	95.5	97.0	97.5	90.2
2015	69.7	91.6	95.7	96.9	97.3	90.4
2016	71.7	92.3	95.9	97.2	97.5	91.0
2017	72.1	92.8	96.1	97.2	97.6	91.3

More information: <http://www.ssb.no/en/barnehager/>

Children aged 1-5 in kindergartens 1990-2017. Projected attendance 2018-2040

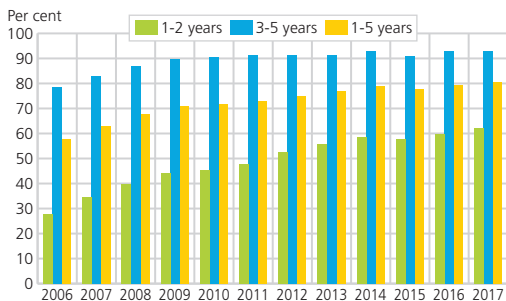


Source: Statistics Norway, kindergarten statistics 1990-2017 and population statistics for projections of children in kindergartens 2018-2040 are estimated according to the average growth rates for fertility, life expectancy, internal migration and net migration.

More information: <http://www.ssb.no/en/barnehager/>



Proportion of children from linguistic and cultural minorities¹ in kindergartens



¹ Children from linguistic minorities in kindergartens are children whose first language is not Norwegian, Sami, Swedish, Danish or English. Proportion is calculated according to immigrant children (immigrants and Norwegian-born to immigrant parents, excluding children with a background from Denmark, Sweden, Ireland, UK, USA, Australia and New Zealand).

More information: <http://www.ssb.no/en/kostra/>

Public and private kindergartens. Number and per cent

	Total	Public	Private
2000	5 833	51.2	48.8
2002	5 845	50.4	49.6
2004	6 035	47.3	52.7
2006	6 436	45.1	54.9
2008	6 705	46.0	54.0
2010	6 579	46.3	53.7
2011	6 469	46.4	53.6
2012	6 397	46.7	53.3
2013	6 296	46.9	53.1
2014	6 205	46.6	53.4
2015	6 087	47.0	53.0
2016	5 980	46.6	53.4
2017	5 876	46.6	53.4

More information: <http://www.ssb.no/en/barnehager/>

3. Primary, lower and upper secondary education

$$2+2=$$

3.1. Primary and lower secondary education

- Primary and lower secondary school covers education for children aged 6 to 15 from 1st to 10th grade. Local authorities are required to offer before and after-school care from 1st grade to 4th grade.
- The source of data on pupils of school age is the Primary and lower secondary information system (GSI), with reference to the situation 1 October.

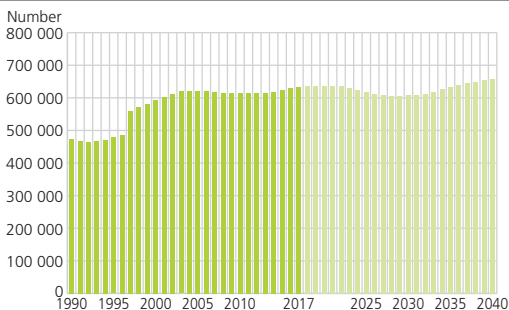
Pupils in primary and lower secondary education. 2017

	Pupils
Pupils in primary and lower secondary education, in total	633 029
Pupils in private schools	23 817
Pupils with individual decisions on special needs education	49 626
Pupils in additional training in Norwegian ¹	44 889
Children in day-care facilities for schools	160 478

¹ Additional training in Norwegian or education in the subject Norwegian for foreign language pupils.

More information: <http://www.ssb.no/en/utgrs/>

Pupils in primary and lower secondary school 1990-2017^{1, 2}. Projected attendance 2018-2040



¹ Reform 97. From 1990 to 1996 primary school included 1st-6th grade and lower secondary school 7th-9th grade. From 1997 primary school includes 1st-7th grade and lower secondary school 8th-10th grade.

² School years 1990/91-2040/41.

Source: Primary and lower secondary information system (GSI) for pupils 1990-2017. Population projections of pupils in compulsory school age 2018-2040 are estimated according to the average growth rates for fertility, life expectancy, internal migration and net migration (Population statistics).

More information: <http://www.wis.no/gsi/> and <http://www.ssb.no/en/utgrs/>

Primary and lower secondary schools. Type of schools and ownership. 2017

	Total	Primary schools	Combined primary and lower secondary schools	Lower secondary schools
Total	2 848	1 601	746	501
Municipal	2 594	1 529	597	468
County	9	0	4	5
State	1	0	1	0
Private ¹	244	72	144	28

¹ Most schools are approved in accordance with the Private Education Act and qualify for state grants. A few are approved under the Education Act § 2-12.

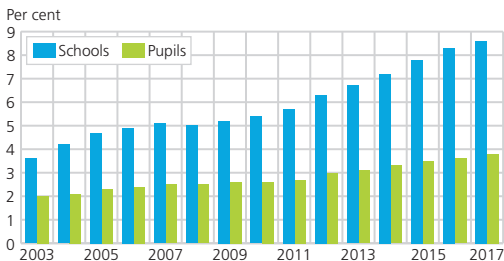
More information: <http://www.ssb.no/en/utgrs/>

Primary and lower secondary schools. School size and percentage of pupils

	Number of schools				Percentage of pupils		
	Schools, total	Less than 100 pupils	100-299 pupils	300 pupils or more	Less than 100 pupils	100-299 pupils	300 pupils or more
2005	3 243	1 195	1 232	816	9.0	38.2	52.8
2006	3 210	1 152	1 253	805	8.6	38.9	52.5
2007	3 181	1 134	1 229	818	8.6	38.2	53.3
2008	3 131	1 088	1 227	816	8.4	38.1	53.5
2009	3 068	1 028	1 222	818	8.0	38.1	53.9
2010	3 028	994	1 213	821	7.7	38.0	54.3
2011	3 000	984	1 197	819	7.6	37.7	54.7
2012	2 957	950	1 187	820	7.5	37.5	55.0
2013	2 907	903	1 171	833	7.2	36.8	56.0
2014	2 886	886	1 155	845	7.1	36.2	56.7
2015	2 867	872	1 147	848	6.9	36.1	57.0
2016	2 858	851	1 144	863	6.6	35.5	57.9
2017	2 848	840	1 134	874	6.6	34.8	58.6

More information: <http://www.ssb.no/en/utgrs/>

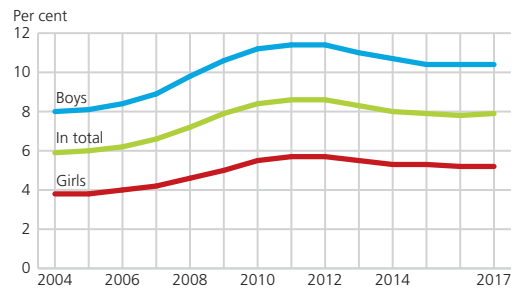
Proportion of private primary and lower secondary schools and proportion of pupils in private primary and lower secondary schools¹



¹ Most schools are approved under the legislation on private schools and qualify for state grants. A few are approved under the Education Act § 2-12.

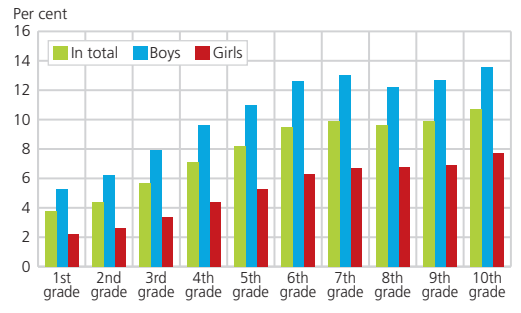
More information: <http://www.ssb.no/en/utgrs/>

Proportion of boys and girls who receive special education in primary and lower secondary education

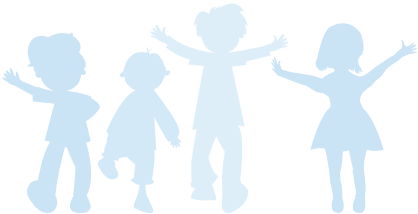


Source: The Norwegian Directorate for Education and Training
More information: <https://gsi.udir.no/> (in Norwegian only)

Proportion of boys and girls who receive special education by grade in primary and lower secondary education. 2017



Source: The Norwegian Directorate for Education and Training
More information: <https://gsi.udir.no/> (in Norwegian only)

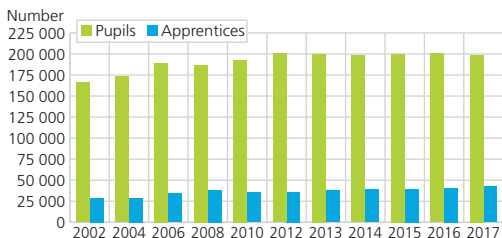


3.2. Upper secondary education

- Upper secondary education provides three years of general education or four years of vocational training after the 10-year compulsory education. The norm for apprenticeship training is two years of vocational training in upper secondary education followed by one or two years of practical training in industry.
- Young people who have completed compulsory school or equivalent education have, after application, a right to three years of full-time upper secondary education. The period may be extended by several years if special conditions are met. The right to upper secondary education applies to the school year beginning when the student reaches the age of 24.
- The source of data on upper secondary education is the county authorities' main enrolment system (VIGO).

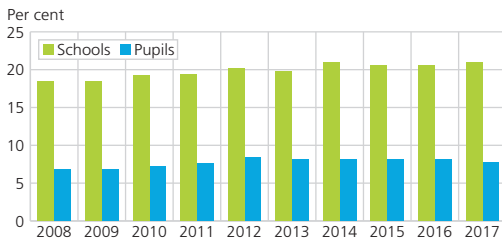


Pupils and apprentices in upper secondary education



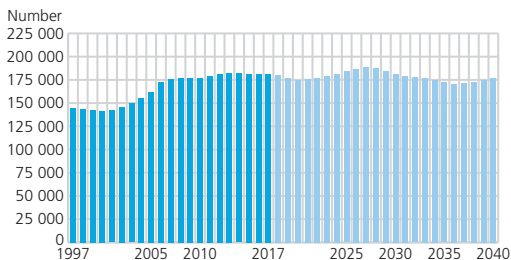
More information: <http://www.ssb.no/en/vgu/>

Proportion of private upper secondary schools and proportion of pupils in private upper secondary schools



More information: <http://www.ssb.no/en/vgu/>

16-18-year-olds in upper secondary education. 1997-2017. Projected attendance 2018-2040^{1, 2}



¹ For the projected figures for 2018-2040 it has been assumed that the proportion of 16-18-year-olds in upper secondary education in relation to the population as a whole will be the same as in 2017 (92.30%).

² Population projections are estimated according to the average growth rates for fertility, life expectancy, internal migration and net migration.

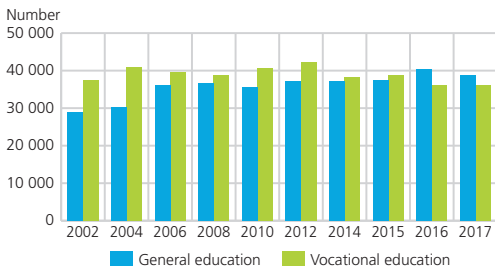
More information: <http://www.ssb.no/en/vgu/>

Proportion of 16-year-olds with direct transition from lower secondary to upper secondary education. 2017

	All pupils	Immigrants	Norwegian-born to immigrant parents
Completed lower secondary, spring 2017	59 328	4 575	3 446
In upper secondary education, autumn 2017	57 974	3 938	3 374
Percentage of direct transition	97.7	86.1	97.9

More information: <http://www.ssb.no/en/kostra/>

Pupils by area of study in level 1 in upper secondary education¹



¹ From 2016, the education programme 'media and communication' is included in general areas of study. Before 2016, this programme was included in vocational studies.

More information: <http://www.ssb.no/en/vgu/>

Pupils/apprentices¹ in education programmes in upper secondary education². 2017

	Pupils		Apprentices	
	Total	Per cent women	Total	Per cent women
Pupils/apprentices in upper secondary schools, total	198 944	50.6	40 699	29.7
Pupils in general education, total	125 036	55.6	.	.
specialising in general studies	99 140	56.4	.	.
in sports and physical studies	12 480	42.4	.	.
in music, dance and drama	6 275	68.2	.	.
in art, design and architecture (Level 1 and 2 autumn 2017)	2 100	77.3	.	.
in media and communication (Level 1 and 2 autumn 2017)	5 041	49.0	.	.
Pupils/apprentices in vocational education, total	73 908	42.0	42 594	29.8
in building and construction	8 409	5.5	8 895	4.0
in design, arts and crafts	3 860	80.5	1 846	89.7
in electricity and electronics	10 444	5.2	7 961	5.9
in healthcare, childhood and youth development	22 147	81.7	7 515	83.0
in media and communication	1 949	47.0	168	60.1
in agriculture, fishing and forestry	4 822	53.6	1 181	29.6
in restaurant and food	3 502	48.4	2 088	48.3
in service and transport	8 089	32.6	4 987	33.9
in technical and industrial production	10 686	9.5	7 953	10.4

¹ Persons in vocational training in schools are included.

² From 2016, the education programme 'media and communication' is included in general areas of study. Before 2016, this programme was included in vocational studies.

More information: <http://www.ssb.no/en/vgu/>

Men and women in upper secondary education¹ as a percentage of the cohorts 16-18 years, immigrants and Norwegian-born to immigrant parents. 2017

	Total population	Immigrants	Norwegian-born to immigrant parents
Total	92.3	73.3	93.3
Men	91.2	68.2	92.6
Women	93.6	79.9	94.1

¹ Pupils, apprentices and trainees (pupils in education leading to basic competence, and pupils in vocational training in schools are included).

More information: <http://www.ssb.no/en/vgu/>

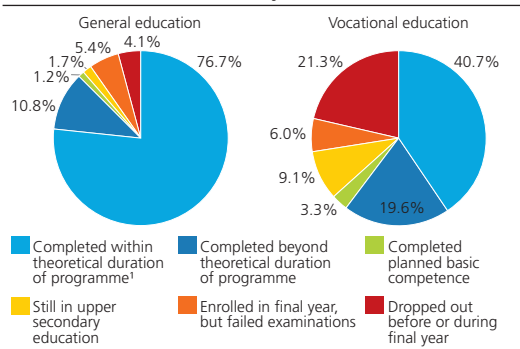
Number of upper secondary schools. Ownership

	2002	2008	2010	2012	2013	2014	2015	2016	2017
Total	484	456	448	448	452	441	452	446	445
State	3	3	3	3	3	3	4	4	4
County	417	368	359	355	360	346	355	350	348
Private ¹	64	84	86	90	89	92	93	92	93

¹ Approved under the Private Education Act and qualifying for state subsidies.

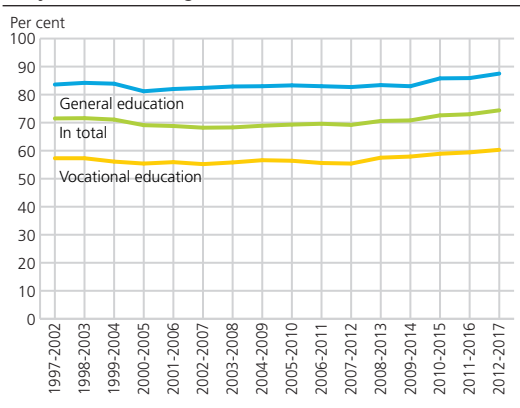
More information: <http://www.ssb.no/en/utdanning/>

Completion rates in upper secondary education. Pupils who started in upper secondary level 1 for the first time in 2012, and status by completed upper secondary education (general or vocational education) within five years. Per cent



More information: <http://www.ssb.no/en/vgogjen/>

Completion rates in upper secondary education. Proportion of pupils who have completed upper secondary education within five years after starting a basic course



More information: <http://www.ssb.no/en/vgogjen/>

4. Post-secondary vocational education



- Post-secondary vocational education comprise shorter vocational education building on completion of upper secondary education, but not defined as higher education. The duration is a minimum of six months and a maximum of two years.

Students by age in public and private post-secondary vocational education. Number and per cent. 2017

	Total	Public	Private
Number of students, in total	15 271	8 126	7 145
Percentage 20 years and younger	8.1	5.5	11.0
21-25 years	31.2	33.2	29.0
26-30 years	18.9	21.2	16.4
31-35 years	13.0	14.4	11.4
36-40 years	9.8	9.8	9.8
41-45 years	7.4	7.2	7.6
46-50 years	6.3	5.1	7.7
51 years and older	5.3	3.7	7.1

More information: <http://www.ssb.no/en/utdanning/statistikker/fagskoler/>

Students in different fields of education in post-secondary vocational education. Per cent. 2017

	Total	Men	Women
Total	15 271	8 822	6 449
Humanities and Arts	12.1	6.6	19.5
Education	0.9	0.2	1.8
Social sciences and Law	1.7	2.0	1.4
Business and Administration	9.3	4.1	16.3
Natural sciences, Vocational and Technical subjects	43.7	71.3	5.9
Health, Welfare and Sport	23.5	3.9	50.2
Primary Industries	1.0	0.8	1.1
Transport and Communication, Safety and Security and other services	8.0	11.0	3.8

More information: <http://www.ssb.no/en/utdanning/statistikker/fagskoler/>

Students who started post-secondary vocational education for the first time in 2013¹, and status five years later. Per cent

	Total	Completed post-secondary vocational education within 2 years	Completed post-secondary vocational education within 5 years	Still in post-secondary vocational education	Completed another programme	Not completed
Total	9 941	53.1	8.7	0.0	2.7	35.5
Men	5 502	48.1	13.6	0.0	1.8	36.5
Women	4 439	59.3	2.5	0.0	3.8	34.3

¹ Students who started post-secondary vocational education in the period 1.10.2012 - 30.9.2013.

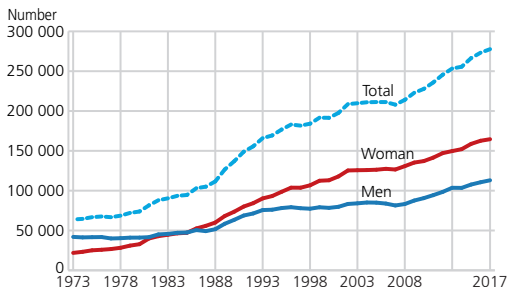
More information: <http://www.ssb.no/en/utdanning/statistikker/fagskoler/>

5. Higher education



- In higher education Statistics Norway collects student data from Database for Statistics on Higher Education (DBH) and the administrative systems used by the various higher education institutions. Information about students abroad is provided by the State Education Loan Fund.

Students¹ in higher education in Norway



¹ PhD students are not included from 2002.

More information: <http://www.ssb.no/en/utuvh/>

Students in different fields of education in higher education¹

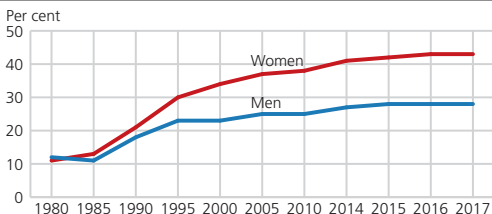
	Total			Per cent women 2017
	2000	2010	2017	
Total	186 002	227 747	277 637	59.3
Humanities and Arts	28 945	26 339	27 696	60.3
Education	30 682	33 342	45 214	72.6
Social Sciences and Law	24 504	31 150	35 047	62.6
Business and administration	26 584	42 000	52 792	53.8
Natural sciences, vocational and technical subjects	36 173	37 712	49 489	33.3
Health, welfare and sport	33 540	48 648	54 743	78.7
Primary industries	1 594	1 178	1 487	48.1
Transport and communications, safety and security and other services	2 860	4 055	8 820	35.2
Other ²	1 120	3 323	2 349	55.8

¹ Students in higher education abroad are not included.

² Consists of unspecified field of education and general programmes.

More information: <http://www.ssb.no/en/utuvh/>

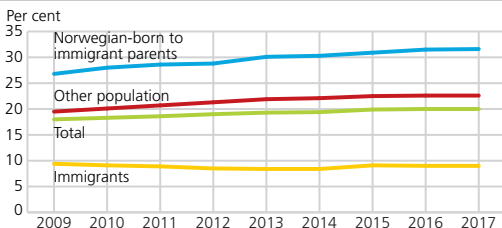
Students aged 19-24 in higher education¹ in Norway and abroad, as a percentage of the population in this age group



¹ PhD students are not included.

More information: <http://www.ssb.no/en/utuvh/>

Students aged 19-34 in higher education¹ in Norway and abroad, as a percentage of the population in this age group



¹ PhD students are not included.

More information: <http://www.ssb.no/en/utuvh/>

Graduates from higher education¹ in Norway

Year	Total	Higher education, short ²	Higher education, long ³	PhD
2000/01	32 045	24 016	7 258	771
2002/03	30 994	23 471	6 803	720
2004/05	32 350	23 602	7 902	846
2006/07	37 825	25 495	11 308	1 022
2008/09	36 624	25 090	10 371	1 163
2010/11	44 754	29 909	13 347	1 498
2012/13	44 461	30 174	12 714	1 573
2014/15	45 821	31 078	13 332	1 411
2015/16	46 681	31 628	13 685	1 368
2016/17	51 000	34 176	15 335	1 489

¹ Number of graduates may differ from previous publications due to annual updates based on late issued diplomas. ² Including graduations from programmes 4 years or less but also 2 years and longer. ³ Including graduations from programmes longer than 4 years. Awarded doctoral degrees are not included.

More information: <http://www.ssb.no/en/eksuvh/>

New entrants¹ to higher education, and awarded qualification within eight years²

	1995	2000	2006	2007	2008	2009
Total (number)	37 831	40 118	40 120	40 603	43 253	46 452
Total (per cent)	100.0	100.0	100.0	100.0	100.0	100.0
Doctorates, Ph.D	0.1	0.2	0.4	0.5	0.5	0.5
Tertiary graduates from programmes longer than 4 years	12.8	15.6	22.5	23.4	24.2	24.9
Tertiary graduates from programmes lasting 2-4 years	48.8	40.1	40.3	40.8	41.2	40.3
No awarded qualification	38.3	44.0	36.8	35.3	34.1	34.3

¹ Students who enrolled in higher education for the first time 1.10.xxxx-1 - 30.9.xxxx.

2007 refers to 1.10.2006 – 30.09.2007.

² Awarded qualification by 31.12. eight years after the student enrolled in higher education for the first time.

More information: <http://www.ssb.no/en/hugjen/>

Degree students from Norway in higher education abroad¹, by country of destination or group of countries

	Students in higher education				Per cent women 2017
	2012	2014	2016	2017	
Total	15 592	16 916	15 762	15 486	62.0
United Kingdom	4 510	5 182	4 442	4 197	65.0
Denmark	2 693	2 974	2 407	2 341	64.4
Poland	1 505	1 571	1 550	1 535	61.2
Hungary	805	928	1 024	916	68.8
Sweden	733	727	559	584	61.0
Slovak Republic	413	488	534	544	65.3
Netherlands	379	370	431	494	56.7
Czech Republic	312	355	314	291	61.2
France	227	213	255	283	59.4
Germany	204	212	236	258	54.3
Spain	131	186	224	203	53.2
Ireland	89	92	86	89	55.1
Italy	85	76	84	80	71.3
Switzerland	36	56	48	68	51.5
Rest of Europe	371	437	515	527	54.1
Australia	1 119	771	715	655	66.3
Rest of Oceania	64	67	49	43	65.1
USA	1 557	1 837	1 779	1 717	52.4
Canada	128	126	153	141	63.8
South America	17	14	14	54	85.2
Rest of North and Central America	3	4	9	78	76.9
Asia	152	181	293	344	56.4
Africa	53	49	39	37	56.8
Not known or unspecified	6	-	2	7	71.4

¹ Exchange students and PhD students are not included.

Source: State Educational Loan Fund. More information: <http://www.ssb.no/en/utuvh/>

International student mobility¹ in higher education² in Norway

	2014	2015	2016	2017
International students, in total	8 910	9 952	8 955	8 492
From Europe, in total	4 323	4 588	4 250	3 901
Sweden	784	846	697	577
Russian Federation	461	451	369	251
Germany	417	414	408	429
Denmark	273	301	306	309
Ukraine	202	247	205	167
Poland	241	232	241	194
France	94	101	108	108
Spain	157	147	160	156
Italy	142	155	150	173
Iceland	136	157	140	111
Lithuania	176	156	115	92
Finland	91	139	128	119
Netherlands	79	112	119	131
United Kingdom	109	101	123	124
Switzerland	45	43	46	43
Hungary	32	47	49	47
Ireland	9	11	17	13
Rest of Europe ³	875	928	869	857
From Africa, in total	947	1 179	1 009	894
Ethiopia	217	236	198	176
Nigeria	73	154	128	109
Ghana	143	181	138	129
Rest of Africa	514	608	545	480
From Asia, in total	2 854	3 289	2 778	2 728
China	609	611	468	448
Nepal	439	469	379	400
Iran	351	341	266	235
Philippines	155	305	268	234
Pakistan	262	315	296	264
India	272	343	291	266
Rest of Asia ³	766	905	810	881
From America, in total	530	613	623	663
United States	196	253	245	269
Brazil	92	85	98	99
Canada	44	79	65	66
Colombia	46	42	45	48
Rest of America	152	154	170	181
From Oceania, in total	39	49	51	49
Australia	28	40	43	42
New Zealand	8	7	7	7
Rest of Oceania	3	2	1	0
Not known or unspecified	217	234	244	257

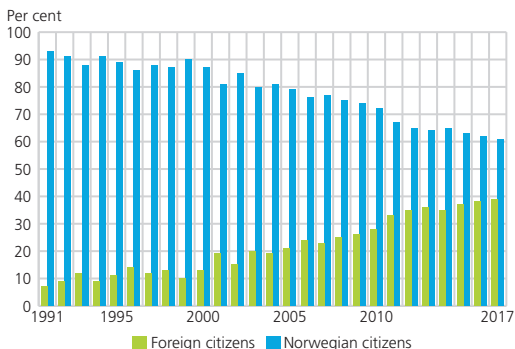
¹ International students in Norway are students with upper secondary education from abroad and moved to Norway less than five years ago. ² Higher education is classified according to ISCED 2011 (ISCED-levels 5-8 in International Standard Classification of Education) and includes 2-year post-secondary vocational education in Norway.

³ Turkey is included in Asia.

Source: OECD and Statistics Norway, education statistics.

More information: <http://stats.oecd.org>

Proportion of Norwegian and foreign citizens among PhD graduates



Source: The Nordic institute for Studies in Innovation, Research and Education (NIFU, Doctoral Degree Register).

More information: <http://www.nifu.no/en/>

Credit points per registered student. Full-time equivalents¹ (self-financed²)

	2010	2014	2015	2016	2017	Change 2016-2017
Total	47.4	48.7	48.7	48.1	48.2	0.1
State university colleges	51.5	52.2	51.5	51.0	51.0	0.0
Universities	43.9	46.0	46.2	46.8	47.1	0.3
State specialised university institutions	50.9	51.7	52.6	52.4	53.3	0.9
National institutes of the arts	57.3	59.3	57.0	59.5	58.3	-1.2
Private specialised university institutions	40.9	43.7	45.3	46.3	44.8	-1.5
Private university colleges	57.6	53.2	53.7	46.9	48.2	1.3

¹ Converted to full-time students. ² Financed by the Ministry of Education and Research.

Source: Statistics on Higher Education at Norwegian Social Science Data Services (DBH).

More information: <http://dbh.nsd.uib.no/>

6. Adult education



6.1. Primary and lower secondary education

- Persons who have not completed sufficient primary and lower secondary education are entitled to schooling at these levels (§4A-1 of the Education Act).

Adult education in primary and lower secondary education

	2015	2016	2017
Participants, in total	10 981	12 688	13 102
participants with basic adult training	7 468	9 280	9 807
participants with basic training and special training	93	108	171
participants with special training for adults	3 420	3 300	3 124

More information: <http://www.ssb.no/en/utgrs/>

6.2. Upper secondary education

- Adults who have completed primary and lower secondary education or the equivalent, but not upper secondary education, have the right to such education upon application. This right is applicable from the year of their 25th birthday.
- Includes adults taking courses during the school year (eg.: 2016/17).

Adults in upper secondary education

	2014/15	2015/16	2016/17
Participants 25 years and older	24 096	27 135	27 104
Pupils	10 777	12 212	12 232
Apprentices	13 319	14 923	14 872

Trade examinations taken by candidates for experience-based trade certification	8 313	8 877	9 087
---	-------	-------	-------

More information: <http://www.ssb.no/en/vgu>

6.3. Folk high schools

- Data on folk high schools is collected from the NAVI administrative system used by institutions.

Pupils in folk high schools

	Total	Per cent women		Total	Per cent women
2000	5 692	66.1	2013	6 737	54.3
2004	6 051	64.2	2014	6 838	54.1
2008	6 168	60.7	2015	7 218	54.6
2010	7 092	57.2	2016	7 540	52.4
2012	6 964	55.6	2017	7 684	54.9

More information: <http://www.ssb.no/en/vgu/> and <http://www.ssb.no/en/voppl/>

6.4. Adult education associations

- All approved adult education associations receiving grants from the Ministry of Education and Research report on course completions to Statistics Norway. Data are supplied at individual course level and show the number of participants by gender and age, courses by subject, where the course is held and number of hours of study. A person may be counted more than once if he/she participates in more than one course.

Participants in adult education associations. Percentage of women

	Participants	Per cent women		Participants	Per cent women
2000	666 729	55.5	2013	493 180	56.9
2004	632 993	55.3	2014	509 724	56.7
2008	483 421	56.9	2015	507 909	56.8
2010 ¹	504 236	56.3	2016	504 898	57.0
2012	477 719	57.1	2017	522 458	57.0

¹ The introduction of the Act on adult education in 2009 led to changes in the statistics from 2010. More information: <http://www.ssb.no/en/voppl/>

6.5. Lifelong learning in Norwegian working life

- The source of data on Lifelong Learning in Norwegian working life is the Learning Conditions Monitor. The survey is conducted as an annual ad-hoc module to Statistics Norway's Labour Force Survey.

Participation in formal education, formal further education and courses and training in the last 12 months, among the employed aged 15-66¹ years. Per cent

	Formal education			Courses and training		
	All	Men	Women	All	Men	Women
2008	18	15	22	54	53	55
2010	15	12	19	46	44	47
2012	17	14	20	50	49	51
2014	15	12	19	47	46	49
2016	15	12	18	49	46	51
2018	15	12	18	48	45	51

¹ Before 2014 the age group 15-21 was excluded.

Source: The Nordic Institute for Studies in Innovation, Research and Education (NIFU)/Statistics Norway. More information: <http://www.nifu.no/english> and <http://www.ssb.no/en/lvm/>

Participants in web-based schools¹ as of 1 October 2017

	Total	Men	Women	Change 2016-2017
Participants, in total	10 237	3 421	6 816	-1 515
19 years and younger	341	122	219	83
20-24 years	2 243	737	1 506	-86
25-29 years	2 139	707	1 432	-190
30-39 years	2 912	932	1 980	-559
40-49 years	1 701	580	1 121	-490
50-59 years	807	299	508	-192
60 years and older	94	44	50	-81

¹ Including the 21 web-based schools accredited by law on adult education from 2009. Participants from upper secondary, post-secondary vocational education and higher education are included.

More information: <http://www.ssb.no/en/fjernund/>

7. Educational attainment



- The Register of the Population's Level of Education encompasses all individuals registered as a resident in Norway per 1 October, and aged 16 and over at the end of the reporting year.

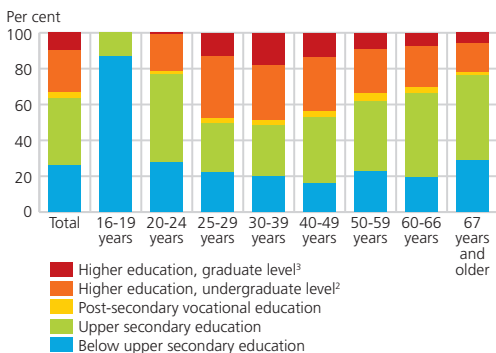
Education level. Population aged 16 years and older by level of higher education

	Higher education, undergraduate level ¹		Higher education, graduate level ²	
	Total	Per cent women	Total	Per cent women
1980	274 442	50.7	75 727	14.8
1985	330 384	52.5	90 379	17.4
1990	412 253	53.5	108 034	21.4
1995	519 721	54.9	131 933	25.9
2000	604 165	56.3	167 376	31.0
2005	699 717	58.2	205 976	35.4
2010	811 360	59.1	269 627	40.6
2012	866 348	59.3	304 061	42.5
2013	887 154	59.3	316 670	43.3
2014 ³	942 336	58.9	359 694	44.3
2015	964 944	59.2	384 755	45.1
2016	990 743	59.2	401 253	45.8
2017	1 014 637	59.3	416 540	46.4

¹ Four years or less. ² More than 4 years, PhD included. ³ For many immigrants Statistics Norway has no information about their level of education. From 2014, figures include an estimated level of education for missing values for immigrants.

More information: <http://www.ssb.no/en/utniv/>

Education level for the population 16 years and older¹. 2017

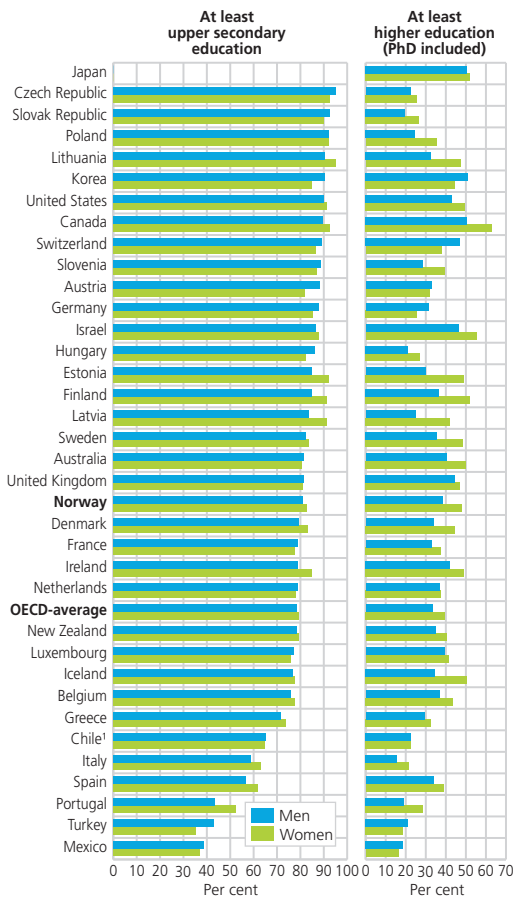


¹ Not including persons with unknown or no completed education.

² Four years or less. ³ More than 4 years, PhD included.

More information: <http://www.ssb.no/en/utniv/>

Education level among men and women aged 25-64 in OECD-countries. 2017



¹ 2015-figures.
Source: OECD, Education at a Glance 2018.
More information: <http://stats.oecd.org/>



8.1. Teaching and academic staff

- The source of data on man-years in kindergartens is BASIL. The source of data on teachers in primary and lower secondary schools and teachers in upper secondary education is register-based personnel reporting in Statistics Norway. The source of data on man-years in higher education is the Database for Statistics on Higher Education (DBH).

Man-years in kindergartens and children per man-year

	Man-years to primary functions ¹	Children	Children ² per man-year
2000	36 006	189 837	5.8
2002	37 518	198 262	6.0
2004	41 374	213 097	6.1
2006	49 365	234 948	6.2
2008	58 721	261 886	6.1
2010	64 101	277 139	6.1
2011	65 069	282 737	6.1
2012	66 316	286 153	6.1
2013	66 909	287 177	6.1
2014	67 375	286 414	6.0
2015 ³	67 238	283 608	6.1
2016	67 392	282 649	6.1
2017	67 504	281 622	6.1

¹ Man-years to primary functions includes directors, educational leaders and assistants.

² Number of children in kindergarten is adjusted for age and converted to full-time equivalents.

³ Numbers from 2015 are not directly comparable with previous years due to changes in definitions.

Source: KOSTRA. More information: <http://www.ssb.no/en/kostra/>

Teacher man-years¹ in primary and lower secondary schools and pupils per teacher man-year

	Teaching man-years	Pupils	Pupils per teaching man-year
2015 ²	59 591	601 792	10.1
2016 ²	60 799	606 242	10.0
2017	62 095	608 901	9.8

¹ Teaching man-years in municipal primary and lower secondary schools, adjusted for sick-leave and maternity leave.

² Due to a change in the data collection, some teaching man-years in 2015 and 2016 are missing (approx. 130-140).

Source: Registerbased personnel reporting in Statistics Norway/Kostra.

More information: <http://www.ssb.no/en/utgrs/>

Teacher man-years and pupils per teacher man-year in county upper secondary schools

	Teaching man-years ¹	Pupils ²	Pupils per teaching man-year
2006	20 503	180 084	8.8
2008	20 846	177 229	8.5
2010	21 217	184 145	8.7
2011	21 197	186 621	8.8
2012	21 386	188 731	8.8
2013	21 407	190 014	8.9
2014	21 350	188 827	8.8
2015 ³	21 811	189 808	8.7
2016	21 855	191 593	8.8
2017	21 857	191 309	8.8

¹ Teaching man-years in general areas of study, technical and vocational studies in upper secondary education. Administration and other tasks are not included.

² Pupils in upper secondary education and students in tertiary vocational education in county upper secondary schools.

³ Numbers from 2015 are not directly comparable with previous years due to changes in definitions..

Source: Register-based personnel reporting in Statistics Norway/Kostra.

More information: <http://www.ssb.no/en/kostra/>

Teacher man-years and students per man-year in higher education

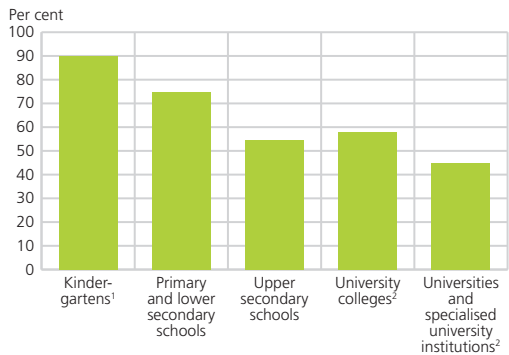
	Teacher man-years	Students	Students per teacher man-year
2008	17 952	206 191	11.5
2010	18 758	218 246	11.6
2012	19 099	239 278	12.5
2013	19 403	245 003	12.6
2014	19 861	250 461	12.6
2015	20 716	260 567	12.6
2016	21 675	269 026	12.4
Total 2017	22 541	273 325	12.1
Universities	15 992	143 487	9.0
State specialised university institutions	731	8 486	11.6
Private specialised university institutions	602	25 891	43.0
State university colleges	4 620	79 822	17.3
Private university colleges	602	15 080	25.1
University colleges of the arts	94	559	6.0

Source: Statistics on Higher Education (DBH) at Norwegian Social Science Data Services.

More information: <http://dbh.nsd.uib.no>



Proportion of female teaching staff in types of schools/ institutions. 2017. Per cent



¹ Proportion of female employees. Houseporter and cleaning staff are not included.

² Academic staff including research scholars. Private specialised university institutions are not included.

Source: Kindergarten, primary and lower secondary education and upper secondary education: KOSTRA. Higher education: Statistics of Higher Education (DBH) at the Norwegian Social Science Data Service.

More information: <http://www.ssb.no/en/kostra/> and <http://dbh.nsd.uib.no>

Education background for employees in different positions in kindergartens. 2017. Per cent

	Pre-school teacher education	Other pedagogical education ²	Other higher college education	Vocational training	Other skilled worker training	Other education
Head teachers	90.4	7.9	0.8	0.2	0.0	0.6
Pedagogical leaders	91.5	4.3	0.7	1.6	0.5	1.5
Other para-professionals ¹	1.3	2.2	3.0	31.5	7.3	54.6
Bilingual assistants	23.5	9.5	5.1	8.5	2.4	51.0
Staff to children, or groups of children, with special needs	29.7	14.3	8.6	13.2	3.6	30.5

¹ Includes kindergartens teachers or equivalent, childcare and youth workers and assistants.

² Includes both pedagogical education which corresponds to the requirements of head teachers or pedagogical leaders and other pedagogical education.

More information: <http://www.ssb.no/en/barnehager/>

Teacher¹ qualifications in primary and lower secondary schools. Per cent

	2008	2010	2012	2014	2016 ²	2017
Higher degree university or college with education science	3.5	4.0	5.0	5.4	8.3	9.2
Higher degree university or college without education science	0.9	1.1	1.2	1.2	1.5	1.5
Lower degree university or college with education science	84.1	82.7	82.7	81.8	78.3	77.4
Lower degree university or college without education science	4.4	4.5	4.5	5.1	4.5	4.4
Upper secondary or lower (without education science)	7.0	7.7	6.7	6.5	7.5	7.6

¹ Teachers in municipal primary and lower secondary schools.

² From 2015 data are not directly comparable to previous years due to changes in definitions.

Source: Register-based personnel statistics, Statistics Norway.

More information: <http://www.ssb.no/en/kostra/>

Teacher¹ qualifications in upper secondary schools. Per cent

	2008	2010	2012	2014	2016 ²	2017
Higher degree university or college with education science	20.9	22.3	23.9	25.5	30.8	32.3
Higher degree university or college without education science	7.2	6.2	6.0	5.6	5.4	5.2
Lower degree university or college with education science	54.3	54.2	54.4	54.5	51.6	51.0
Lower degree university or college without education science	9.2	9.0	8.4	7.6	6.4	6.3
Upper secondary or lower (without education science)	8.4	8.4	7.2	6.7	5.8	5.2

¹ Teachers in county upper secondary schools.

² From 2015 data are not directly comparable to previous years due to changes in definitions.

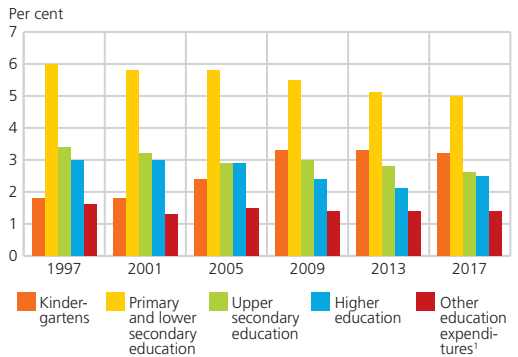
Source: Register-based personnel statistics, Statistics Norway.

More information: <http://www.ssb.no/en/kostra/>

8.2. Finance

- Total government expenditure on education covers administrative bodies at state, municipal and county level whose main objective is education. The presented data is based on national, county and municipal accounts.

Public expenditure on education as a percentage of total public expenditure

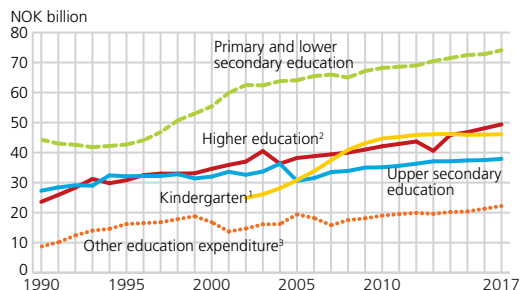


¹ Includes expenditure for 1. Education irrespective of level (e.g. adult education) 2. Services related to education (e.g. food, lodging, doctor and dentist costs) 3. Miscellaneous (e.g. administration, coordination, monitoring/follow up of education plans and budgets).

More information: <http://www.ssb.no/en/offinnut/>



Public administration. Operating expenditures in different levels of education. 2017 prices



¹ Expenditure on kindergartens is available from 2002.

² Includes expenditure on research and development (R&D).

³ Includes expenditures for 1. Education irrespective of level (e.g. adult education)

2. Services related to education (e.g. food, lodging, doctor and dentist costs)

3. Miscellaneous (e.g. administration, coordination, monitoring/follow-up of education plans and budgets).

Source: Public finance, Statistics Norway.

More information: <http://www.ssb.no/en/offinnut/>

- **KOSTRA** is an abbreviation for "Municipality-State-Reporting". Since 2001, all local governments report to KOSTRA.
- *Adjusted gross operating expenditures* show expenses for own production of municipal services.
- *Gross operating expenditures* show expenses for own production of municipal services plus purchase of services from others.

Municipal spending on kindergartens. Selected figures. 2017

	Country average
Net operating expenditure on kindergartens as a percentage of total net operating expenditure	14.5
Net operating expenditure per inhabitant 1-5 years old, kindergartens	145 121
Adjusted gross operating expenditure per adjusted hour of attendance, public kindergartens	65
Expenditure as a percentage of total expenditure:	
Attendance and stimulation, function 201	79.4
Special measure, function 211	10.2
Facilities, function 221	10.4

Source: KOSTRA. More information: <http://www.ssb.no/en/kostra/>

Municipal spending on primary and lower secondary education. Selected figures. 2017

	Country average
Adjusted gross expenditure on primary and lower secondary school, per pupil	116 183
of which, education (202 ¹), per pupil	94 184
of which, school premises (222), per pupil	19 690
Adjusted gross expenditure on primary and lower secondary school, per pupil admitted school transport	10 424
Gross operating expenditure on day-care facilities, per pupil in day-care facilities	29 955

¹ Function 202 includes teaching, administration, inventory, equipment and educational equipment.

Source: KOSTRA. More information: <http://www.ssb.no/en/kostra/>

Adjusted gross operating expenditures (direct) per pupil¹ by area of study in upper secondary education. 2017²

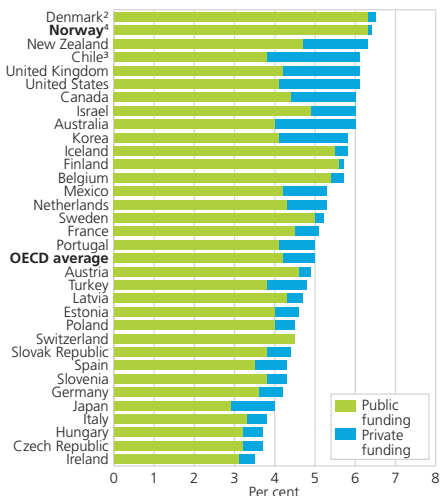
	Expenditure per pupil	General areas of study	Vocational studies
Country average	80 405	72 756	94 460
Østfold	79 510	67 833	97 218
Akershus	74 298	71 112	90 295
Oslo	73 325	72 452	85 701
Hedmark	84 349	74 181	95 337
Oppland	81 488	75 619	88 949
Buskerud	80 063	71 811	92 591
Vestfold	75 028	70 287	88 609
Telemark	79 728	70 819	92 751
Aust-Agder	87 397	76 474	100 285
Vest-Agder	77 269	71 594	93 725
Rogaland	78 836	73 511	89 042
Hordaland	78 012	69 495	94 209
Sogn og Fjordane	94 118	73 654	109 816
Møre og Romsdal	87 588	79 802	99 482
Sør-Trøndelag	76 025	68 746	88 701
Nord-Trøndelag	91 423	81 531	102 348
Nordland	90 474	75 289	103 061
Troms Romsa	91 305	80 423	106 155
Finnmark Finnmarkku	94 137	77 898	104 230

¹ The number of pupils is weighted by 7/12 for previous school year and 5/12 for present school year to correspond to the financial year.

² Figures for 2017 are not comparable with previous editions of Facts about Education in Norway. Prior to 2017, both direct and indirect expenditures were included.

Source: KOSTRA. More information: <http://www.ssb.no/en/kostra/>

Expenditure on educational institutions¹ in OECD countries, as a percentage of GDP for all levels of education and by type of funding. 2014



¹ Countries are ranked by descending resource use in total. Kindergartens are not included.

² Year of reference 2014. ³ Year of reference 2016. ⁴ Figures for Norway are based on mainland-GDP.

Source: OECD, Education at a Glance 2018, table C2.2.

More information: www.oecd.org/edu/eag.htm

General government expenditure on education and kindergartens, as a percentage of GDP Mainland Norway

	2008	2010	2012	2014	2015	2016	2017
Kindergartens	1.7	1.8	1.8	1.8	1.8	1.8	1.8
Primary and lower secondary education	2.8	2.9	2.7	2.7	2.9	2.8	2.9
Upper secondary education	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Higher education	1.3	1.3	1.3	1.3	1.4	1.4	1.4
Other education expenditure ¹	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Total	7.9	8.3	8.1	8.1	8.3	8.3	8.4

¹ Includes expenditures for 1. Education irrespective of level (e.g. adult education) 2.

Services related to education (e.g. food, lodging, doctor and dentist costs) 3. Miscellaneous (e.g. administration, coordination, monitoring/follow-up of education plans and budgets)] .

Source: Public Finances, Statistics Norway. More information: http://www.ssb.no/offinnut_en/

Number of children, pupils and students. 2017

Children in kindergartens



101 722

0-2 years



179 900

3-6 years

Pupils in primary and lower secondary education



185 674

pupils in lower
secondary education

447 355

pupils in primary education

Pupils, apprentices and trainees in upper secondary education



198 944

pupils in upper secondary education



44 546

apprentices and trainees

Students in post-secondary vocational education and in higher education



15 271

students in post-secondary
vocational education

293 123

students in higher education

Statistics Norway

Postal address:

Postboks 2633 St. Hanshaugen
NO-0131 Oslo

Office address:

Akersveien 26, Oslo
Otervegen 23, Kongsvinger

E-mail: ssb@ssb.no

Internet: www.ssb.no

Telephone: +47 62 88 50 00

ISBN 978-82-537-9856-1 (printed)

ISBN 978-82-537-9857-8 (electronic)



Statistisk sentralbyrå
Statistics Norway