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TALL

SOM FORTELLER

Facts about education in Norway 2021

– key figures 2019

Facts about education in Norway 2021 – key figures 2019

This brochure contains key figures for education statistics in Norway. The statistics are based on figures for 2018.

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>

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Facts about Norway

Official name: The Kingdom of Norway

System of government: Constitutional Monarchy

Area 2020:

The Kingdom of Norway: 385 207 km²

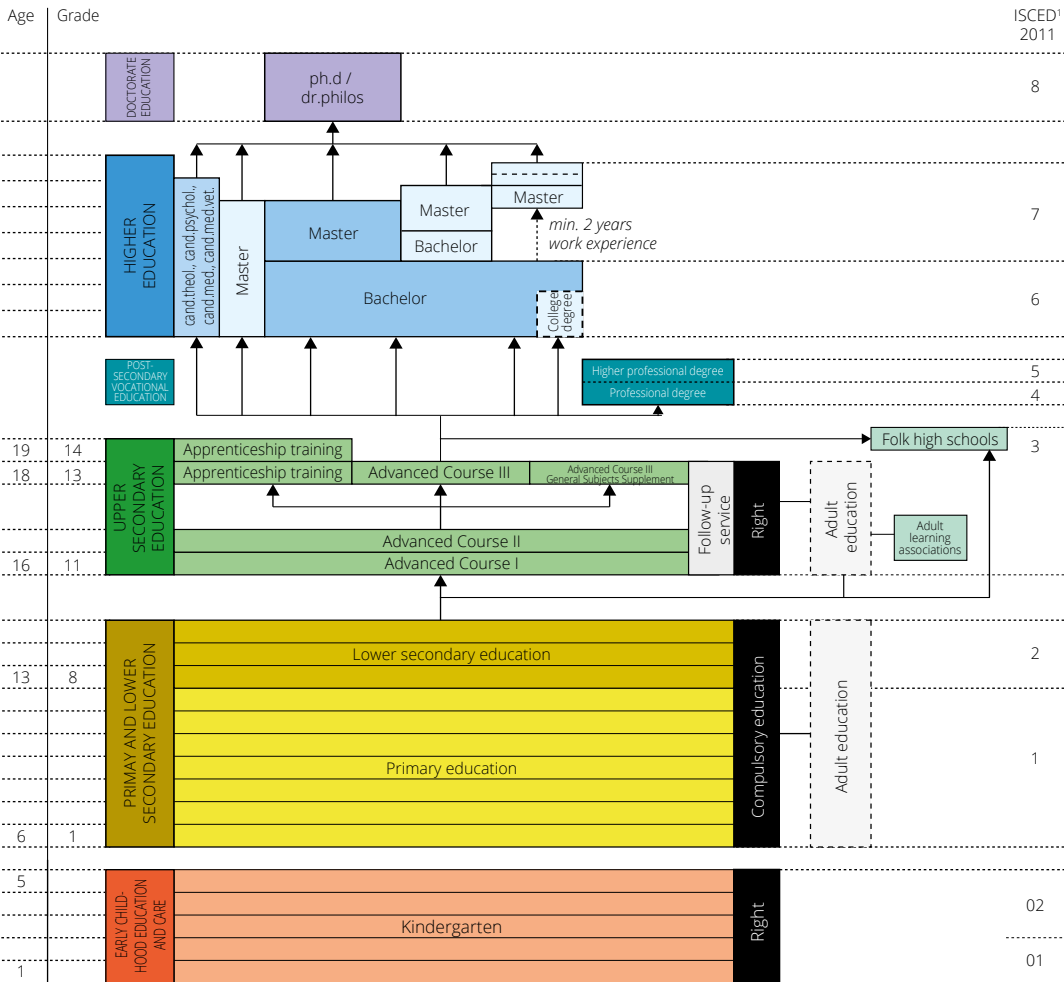
Mainland: 323 808 km²

Svalbard and Jan Mayen: 61 399 km²

Population 1 January 2020: 5 367 580

Monetary unit: Norwegian kroner, NOK

The Norwegian education system 2021



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Explanation of symbols

. Category not applicable

Figures do not exist at this time, because the category was not in use when the figures were collected.

.. Data not available

Figures have not been entered into our databases and are therefore unknown.

: Confidential

Figures are not published so as to avoid identifying persons or companies.

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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.
- **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.
- **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.

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. 2019

Children in kindergartens. Total	275 804
0-2 years	98 369
3-6 years	177 435
Pupils in primary and lower secondary education. Total	636 250
Primary education (1st-7th grade)	446 218
Lower secondary education (8th-10th grade)	190 032
Pupils, apprentices and trainees in upper secondary education. Total	245 086
Pupils in upper secondary schools	196 629
Apprentices	46 597
Trainees	1 860
Pupils in folk high schools. Total	7 859
Pupils in other upper secondary educational programmes. Total	1 349
Students in post-secondary vocational education. Total	17 882
Public	8 729
Private	9 153
Students in higher education. Total	296 182
Universities	182 660
State specialised university institutions	9 262
Private specialised university institutions	25 343
State university colleges	41 692
The Norwegian Police University College	2 921
Military university colleges	493
Correctional Service of Norway Staff Academy	373
Private university colleges	18 958
Higher education abroad	14 480

More information: <https://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 December 15".

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
2018	278 578	1.6	2.2	96.1
2019	275 804	1.5	1.9	96.6

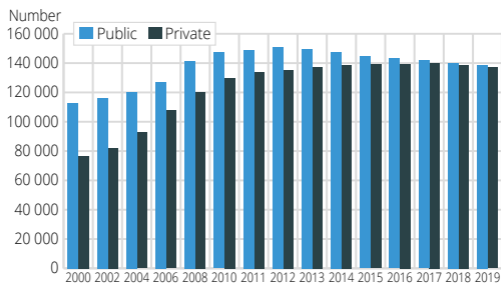
More information: <https://www.ssb.no/en/barnehager/>

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
2012	69.6	90.5	95.3	97.1	97.6	90.1
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
2018	73.2	93.2	96.4	97.2	97.6	91.7
2019	74.8	93.5	96.5	97.1	97.5	92.1

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

Children in public and private kindergartens



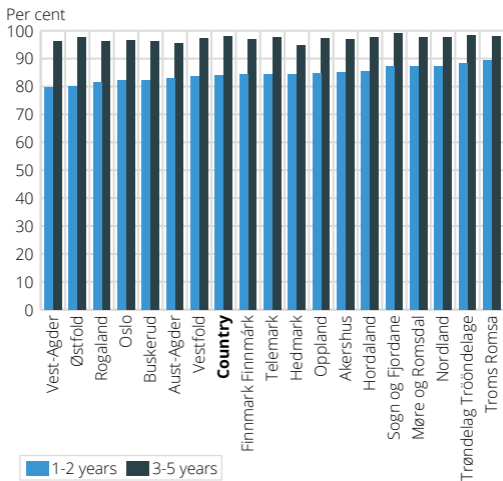
More information: <https://www.ssb.no/en/barnehager/>

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
2018	5 788	46.8	53.2
2019	5 730	47.1	52.9

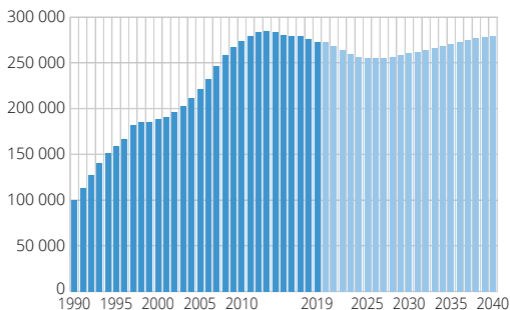
More information: <https://www.ssb.no/en/barnehager/>

Children aged 1-2 years and 3-5 years in kindergartens¹. 2019



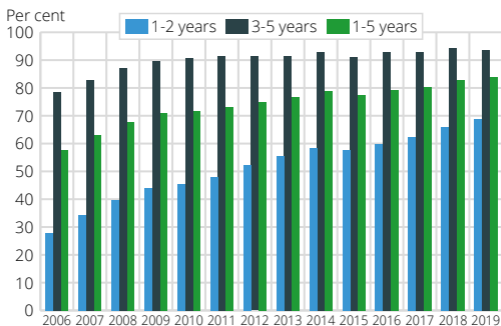
¹Counties are ranked in ascending order for the proportion of 1-2 years.
More information: <https://www.ssb.no/en/barnehager/>

Children aged 1-5 in kindergartens 1990-2019. Projected attendance 2020-2040



Source: Statistics Norway, kindergarten statistics 1990-2019 and population statistics for projections of children in kindergartens 2020-2040 are estimated according to the average growth rates for fertility, life expectancy, internal migration and net migration. More information: <https://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. Proportions are 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: <https://www.ssb.no/en/barnehager/>

3. Primary, lower and upper secondary education

3.1. Primary and lower secondary education

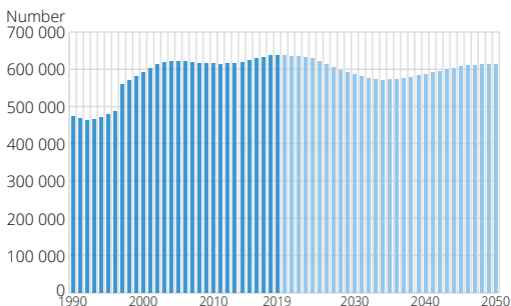
- Primary and lower secondary school covers education for children aged 6 to 15 from 1st to 10th grade. Local authorities are required to offer before and after-school care from 1st grade to 4th grade.
- The source of data on pupils of school age is the Primary and lower secondary information system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

Pupils in primary and lower secondary education. 2019

	Pupils
Pupils in primary and lower secondary education, total	636 250
Pupils in private schools	27 027
Pupils with individual decisions on special needs education	48 857
Pupils in additional training in Norwegian ¹	40 983
Children in day-care facilities for schools	156 514

¹ Additional training in Norwegian or education in the subject Norwegian for foreign language pupils. More information: <https://www.ssb.no/en/utgrs/>

Pupils in primary and lower secondary school 1990-2019^{1, 2}. Projected attendance 2020-2050



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 1990/91-2050/51.

Source: Primary and lower secondary information system (GSI) for pupils 1990-2019. Population projections of pupils in compulsory school age 2020-2050 are estimated according to the average growth rates for fertility, life expectancy, internal migration and net migration (Population statistics).

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

Primary and lower secondary schools. Type of schools and ownership of schools. 2019

	Total	Primary schools	Combined primary and lower secondary schools	Lower secondary schools
Total	2 799	1 548	749	502
Municipal	2 529	1 473	591	465
County	8	0	3	5
State	1	0	1	0
Private ¹	261	75	154	32

¹ Most private 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.

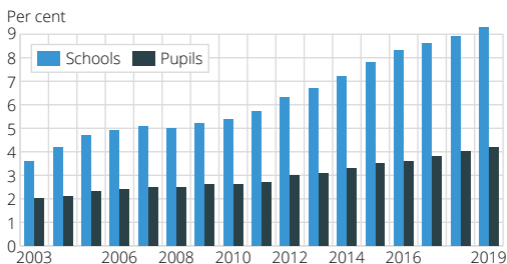
More information: <https://www.ssb.no/en/utgrs/>

Primary and lower secondary schools. School size, number of schools 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
2006	3 210	1 152	1 253	805	8.6	38.9	52.5
2008	3 131	1 088	1 227	816	8.4	38.1	53.5
2010	3 028	994	1 213	821	7.7	38.0	54.3
2012	2 957	950	1 187	820	7.5	37.5	55.0
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
2018	2 830	813	1 134	883	6.2	34.6	59.2
2019	2 799	792	1 110	897	6.1	33.8	60.2

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

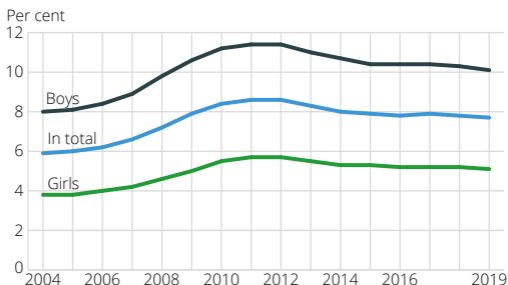
Proportion of private primary and lower secondary schools and proportion of pupils in private primary and lower secondary schools¹



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.

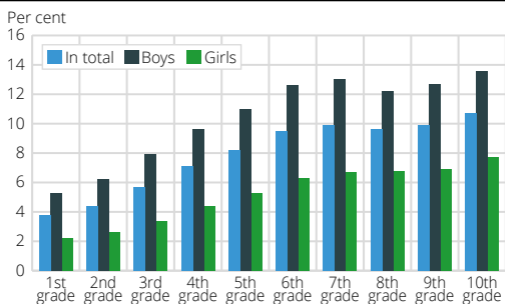
More information: <https://www.ssb.no/en/utgrs/>

Proportion of boys and girls who receive special needs 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 needs education by grade in primary and lower secondary education. 2019

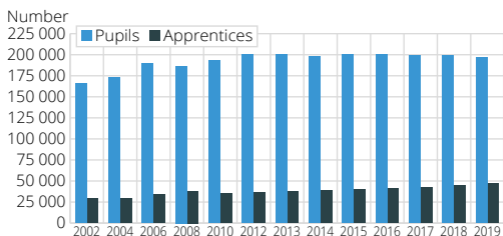


Source: The Norwegian Directorate for Education and Training
 More information: <https://gsi.udir.no/> (in Norwegian only)

3.2. Upper secondary education

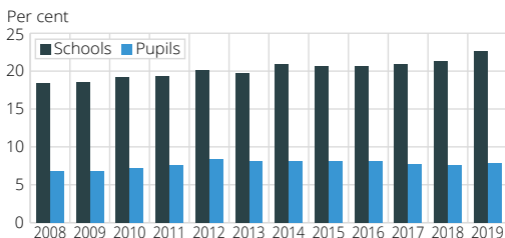
- Upper secondary education provides three years of general education or four years of vocational education and training after the 10-year compulsory education. Vocational education and training usually consists of two years in school followed by two years of combined in-service training and productive work at a training establishment.
- Young people who have completed compulsory school or equivalent education have, after application, a right to three years of full-time upper secondary education (or more years if duration of education is longer). The right to upper secondary education applies until the end of 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



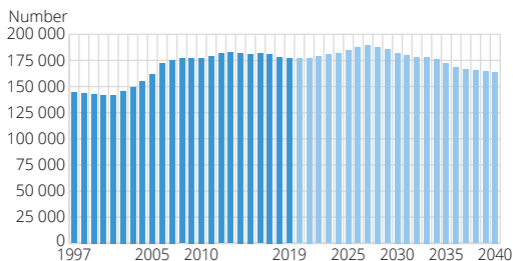
More information: <https://www.ssb.no/en/vgu/>

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



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

16-18-year-olds in upper secondary education. 1997-2018. Projected attendance 2019-2040^{1, 2}



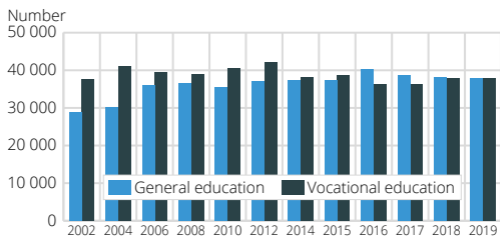
¹ For the projected figures for 2019-2040 it has been assumed that the proportion of 16-18-year-olds in upper secondary education in relation to the population as a whole will be the same as in 2018 (93.32%). ² Population projections are estimated according to the average growth rates for fertility, life expectancy, internal migration and net migration. More information: <https://www.ssb.no/en/vgu/>

Proportion of 16-year-olds with direct transition from lower secondary to upper secondary education. 2019

	All pupils	Immigrants	Norwegian-born to immigrant parents
Completed lower secondary, spring 2019	60 634	5 069	4 044
In upper secondary education, autumn 2019	59 242	4 481	3 962
Percentage of direct transition	97.7	88.4	98.0

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

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: <https://www.ssb.no/en/vgu/>

Pupils/apprentices¹ in education programmes in upper secondary education². 2019

	Pupils		Apprentices	
	Total	Per cent women	Total	Per cent women
Pupils/apprentices in upper secondary schools, total	196 629	50.6	46 597	28.2
Pupils in general education, total	122 450	55.9	.	.
specialising in general studies	94 454	56.3	.	.
in sports and physical studies	12 268	44.0	.	.
in music, dance and drama	6 338	69.2	.	.
in art, design and architecture (Level 1 and 2 autumn 2017)	2 992	78.1	.	.
in media and communication (Level 1 and 2 autumn 2017)	6 398	48.8	.	.
Pupils/apprentices in vocational education, total	74 179	41.8	46 597	28.2
in building and construction	9 086	7.0	10 220	5.1
in design, arts and crafts	3 611	75.5	1 837	84.1
in electricity and electronics	9 959	6.4	8 932	5.4
in healthcare, childhood and youth development	23 519	80.1	8 557	78.9
in media and communication	.	.	37	54.1
in agriculture, fishing and forestry	5 192	51.4	1 402	30.3
in restaurant and food	3 546	46.5	1 950	47.3
in service and transport	8 073	31.9	5 477	30.9
in technical and industrial production	11 193	11.3	8 185	9.5

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: <https://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. 2019

	Total population	Immigrants	Norwegian-born to immigrant parents
Total	93.4	80.2	93.5
Men	93.0	79.2	93.0
Women	93.8	81.3	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: <https://www.ssb.no/en/vgu/>

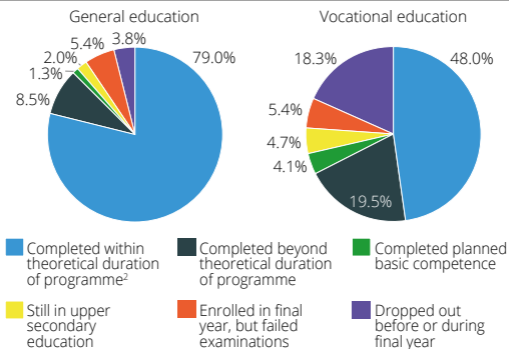
Number of upper secondary schools. Ownership

	2002	2008	2010	2012	2014	2015	2016	2017	2018	2019
Total	484	456	448	448	441	452	446	445	446	421
State	3	3	3	3	3	4	4	4	3	4
County	417	368	359	355	346	355	350	348	348	322
Private ¹	64	84	86	90	92	93	92	93	95	95

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

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

Completion rates in upper secondary education. Pupils who started in upper secondary level 1 for the first time in 2013, and status by completed upper secondary education (general or vocational) within five/six years¹. Per cent

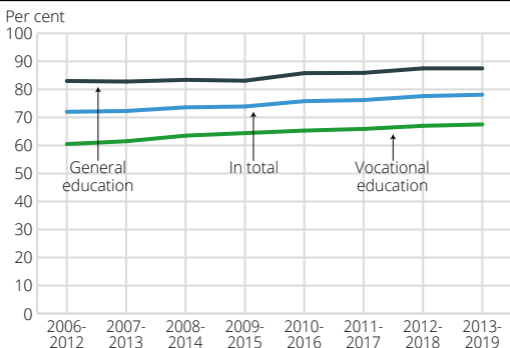


¹ Six years for pupils entering one of the programmes on vocational studies and five years for pupils entering one of the programmes on general studies.

² Theoretical duration for general education is three years, and mainly four years for vocational education.

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

Completion rates in upper secondary education. Proportion of pupils who have completed upper secondary education within five/six years¹ after starting a basic course



¹ Six years for pupils entering one of the programmes on vocational studies and five years for pupils entering one of the programmes on general studies.

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

4. Post-secondary vocational education

- Post-secondary vocational education comprises 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. 2019

	Total	Public	Private
Number of students, in total	17 882	8 729	9 153
Percentage 20 years and younger	6.3	4.6	7.8
Percentage 21-25 years	29.2	31.2	27.3
Percentage 26-30 years	19.4	21.3	17.6
Percentage 31-35 years	14.3	15.8	12.8
Percentage 36-40 years	10.8	11.0	10.5
Percentage 41-45 years	7.9	7.2	8.6
Percentage 46-50 years	6.5	5.2	7.7
Percentage 51 years and older	5.7	3.6	7.6

More information: <https://www.ssb.no/en/fagskoler/>

Students in different fields of education in post-secondary vocational education. Number and per cent. 2019

	Total	Men	Women
Total	17 882	9 874	8 008
Humanities and arts	10.6	5.7	16.6
Education	1.6	0.4	3.2
Social sciences and law	1.1	1.5	0.6
Business and administration	9.0	3.8	15.4
Natural sciences, vocational and technical subjects	42.8	70.7	8.5
Health, welfare and sport	25.4	4.8	50.9
Primary industries	0.9	0.7	1.2
Transport and communication, safety and security and other services	8.5	12.4	3.7

More information: <https://www.ssb.no/en/fagskoler/>

Students who started post-secondary vocational education for the first time in 2015¹, and status five years later. Per cent

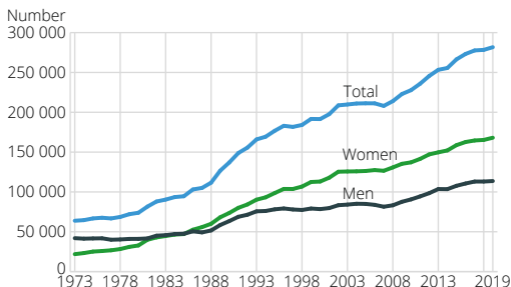
	Total	Men	Women
Total	7 867	4 368	3 499
Completed post-secondary vocational education within 2 years	48.0	40.7	57.2
Completed post-secondary vocational education within 3-5 years	11.9	18.2	4.1
Still in post-secondary vocational education	1.7	1.8	1.5
Completed another programme	6.0	3.8	8.7
Not completed	32.4	35.5	28.6

¹ Students who started post-secondary vocational education in the period October 1, 2014 - September 30, 2015. More information: <https://www.ssb.no/en/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



¹ Students in higher education abroad are not included. PhD students are not included from 2002.

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

Students in different fields of education in higher education¹

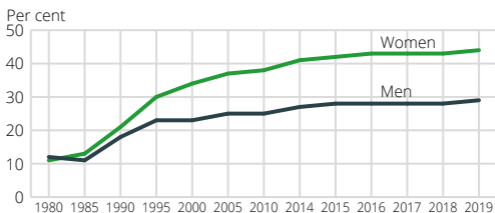
	Total			Per cent women 2019
	2000	2010	2019	
Total	186 002	227 747	281 702	59.7
Humanities and arts	28 945	26 339	28 491	59.8
Education	30 682	33 342	48 266	72.4
Social Sciences and law	24 504	31 150	36 467	63.6
Business and administration	26 584	42 000	52 383	53.0
Natural sciences, vocational and technical subjects	36 173	37 712	49 764	34.1
Health, welfare and sport	33 540	48 648	55 543	78.4
Primary industries	1 594	1 178	1 562	51.2
Transport and communications, safety and security and other services	2 860	4 055	6 971	37.9
Other ²	1 120	3 323	2 255	52.9

¹ Students in higher education abroad are not included.

² Consists of unspecified fields of education and general programmes.

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

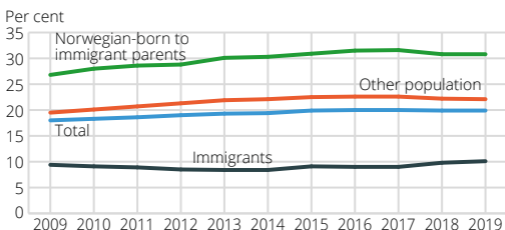
Students aged 19-24 in higher education¹, as a percentage of the population in this age group



¹ PhD students are not included.

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

Students¹ aged 19-34 in higher education in Norway and abroad in per cent of registered cohort, by immigration category



¹ Students only include resident students as of October 1.

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

Graduations in higher education¹ in Norway

	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
2017/18	52 094	35 156	15 438	1 500
2018/19	53 974	36 284	16 095	1 595

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: <https://www.ssb.no/en/eksuvh/>

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

	1995	2000	2005	2010	2011
Total (number)	37 831	40 118	41 324	48 153	49 528
Total (per cent)	100.0	100.0	100.0	100.0	100.0
Doctorates, Ph.D	0.1	0.2	0.3	0.4	0,3
Higher education graduates from programmes longer than 4 years	12.8	15.6	21.9	24.4	24,8
Higher education graduates from programmes lasting 2-4 years	48.8	40.1	39.7	41.0	42,4
No awarded qualification	38.3	44.0	38.1	34.3	32,5

¹ Students who enrolled in higher education for the first time October 10, xxxx-1 – September 30, xxxx. 2011 refers to October 10, 2010 - September 30, 2011. ² Awarded qualification by as of December 31, eight years after the student enrolled in higher education for the first time. More information: <https://www.ssb.no/en/hugien/>

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

	Students in higher education						Per cent women 2019
	2012	2014	2016	2017	2018	2019	
Total	15 592	16 916	15 762	15 486	14 953	14 480	61.9
United Kingdom	4 510	5 182	4 442	4 197	3 892	3 728	65.3
Denmark	2 693	2 974	2 407	2 341	2 257	2 258	65.2
Poland	1 505	1 571	1 550	1 535	1 533	1 590	61.3
Hungary	805	928	1 024	916	822	761	70.3
Sweden	733	727	559	584	575	529	59.7
Slovak Republic	413	488	534	544	528	506	65.2
Netherlands	379	370	431	494	566	591	56.2
Germany	131	186	224	291	285	292	52.4
Spain	312	355	314	283	251	346	65.9
Czech Republic	204	212	236	258	287	211	57.3
France	227	213	255	203	198	174	54.6
Italy	85	76	84	89	94	104	55.8
Ireland	89	92	86	80	73	64	64.1
Switzerland	36	56	48	68	66	71	47.9
Rest of Europe	371	437	515	527	570	567	54.3
Australia	1 119	771	715	655	674	557	69.5
Rest of Oceania	64	67	49	43	50	41	85.4
USA	1 557	1 837	1 779	1 717	1 695	1 610	50.5
Canada	128	126	153	141	136	132	56.1
South America	17	14	14	54	14	11	72.7
Rest of North and Central America	3	4	9	78	2	2	100.0
Asia	152	181	293	344	340	304	60.2
Africa	53	49	39	37	40	23	65.2
Not known or unspecified	6	-	2	7	5	8	75.0

¹ Exchange students and PhD students are not included.

Source: State Educational Loan Fund.

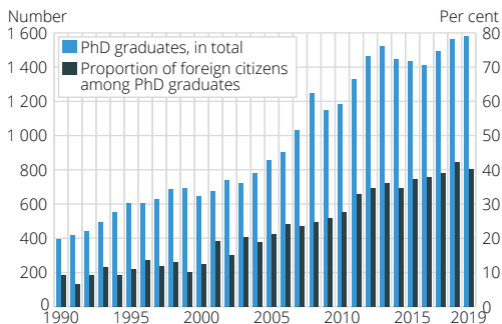
More information: <https://www.ssb.no/en/utuvh/>

International student mobility¹ in higher education² in Norway

	2016	2017	2018	2019
International students, in total	12 259	12 294	12 398	12 716
From Europe, in total	6 445	6 193	5 832	5 687
Sweden	1036	869	744	739
Germany	589	618	649	647
Denmark	515	540	528	594
Russian Federation	686	481	364	301
Italy	208	251	282	283
France	180	233	252	277
Spain	261	267	227	240
Poland	279	239	249	238
Finland	217	208	278	228
United Kingdom	208	214	213	218
Netherlands	213	226	215	198
Ukraine	224	236	228	175
Greece	124	133	128	124
Iceland	168	156	122	122
Serbia	120	106	90	95
Romania	122	116	97	89
Hungary	59	65	65	74
Lithuania	132	114	75	78
Rest of Europe ³	1 104	1 121	1 026	967
From Africa, in total	1 171	1 168	1 061	1 025
Ghana	177	183	188	199
Nigeria	146	142	111	128
Ethiopia	205	190	165	127
Rest of Africa	643	653	597	571
From Asia, in total	3 651	3 823	4 349	4 819
China	773	771	891	871
Nepal	494	522	507	502
India	359	354	407	492
Iran	314	315	370	483
Syria	57	136	298	455
Pakistan	375	344	392	429
Philippines	285	257	254	284
Rest of Asia ³	994	1 124	1 230	1 303
From America, in total	924	1 039	1 096	1 122
USA	386	415	427	440
Brazil	112	140	146	164
Canada	120	147	152	144
Mexico	68	76	85	106
Colombia	69	72	87	88
Rest of America	169	189	199	180
From Oceania, in total	68	71	60	63
Australia	58	58	48	50
New Zealand	9	13	12	13
Rest of Oceania	1	0	0	0

¹International students in Norway (excluding exchange students) are students with upper secondary education from abroad and moved to Norway less than five years ago. ²Higher education is classified according to ISCED 2011 (ISCED-levels 5-8 in International Standard Classification of Education) and also includes 2-year post-secondary vocational education in Norway. ³Turkey is included in Asia. Source: OECD and Statistics Norway, education statistics. More information: <https://stats.oecd.org>

PhD graduates and proportion of foreign citizens among PhD graduates



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

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

Credits awarded to ordinary full-time students¹, per cent

	2011-2012		2018-2019	
	Men	Women	Men	Women
Total number of ordinary full-time students	64 407	89 892	83 179	113 661
Credits awarded to ordinary full-time students, per cent	100.0	100.0	100.0	100.0
0 credits	10.9	8.9	8.6	5.6
1-29 credits	10.9	8.6	9.1	6.6
30-59 credits	29.5	28.6	28.9	27.2
60 credits or more	48.7	53.9	53.5	60.6

¹ Ordinary students are students who are not in continuing education.

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

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	2017	2019
Participants, in total	10 981	13 102	13 946
Participants with basic adult training	7 468	9 807	10 574
Participants with basic training and special training	93	171	301
Participants with special training for adults	3 420	3 124	3 071

More information: <https://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.

Adults in upper secondary education

	2014/15	2015/16	2016/17	2017/18	2018/19
Total	24 096	27 135	27 104	27 913	32 352
Pupils in schools	10 777	12 212	12 232	12 493	15 949
Participants in vocational training	13 319	14 923	14 872	15 420	16 403
Trade examinations taken by candidates for experience-based trade certification	8 313	8 877	9 087	9 012	9 411

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

6.3. Folk high school

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

Pupils in long courses¹ in folk high schools

	Total	Per cent women	Total	Per cent women	
2000	5 692	66.1	2014	6 838	54.1
2004	6 051	64.2	2015	7 218	54.6
2008	6 168	60.7	2016	7 540	52.4
2010	7 092	57.2	2017	7 684	54.9
2012	6 964	55.6	2018	7 654	56.4
2013	6 737	54.3	2019	7 859	56.2

¹ Long courses in folk high schools last between 16.5 and 33 weeks.

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

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	2014	509 724	56.7
2004	632 993	55.3	2015	507 909	56.8
2008	483 421	56.9	2016	504 898	57.0
2010 ¹	504 236	56.3	2017	522 458	57.0
2012	477 719	57.1	2018	478 548	57.5
2013	493 180	56.9	2019	485 173	57.9

¹ The introduction of the Act on adult education in 2009 led to changes in the statistics from 2010. More information: <https://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, first quarter.

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 ¹			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
2019	14	11	18	47	45	48
2020	15	12	18	49	46	51

¹ Questions about participation in formal education are not asked to persons who are older than 59 years. Source: The Nordic Institute for Studies in Innovation, Research and Education (NIFU)/Statistics Norway.

More information: <https://www.ssb.no/en/lvm/>

Course participations in web-based schools¹ in 2018-2019² by completion

	In total	Completed	Not completed	Ongoing
Participations, in total	21 291	8 376	4 382	8 533
Younger than 30 years	13 678	5 407	2 594	5 677
30-49 years	6 867	2 663	1 607	2 597
50 years and older	746	306	181	259

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. ² 2018-2019 refers to the period from July 1, 2018 to June 30, 2019.

Mer informasjon: <https://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 as of October 1, and aged 16 and over at the end of the reporting year.

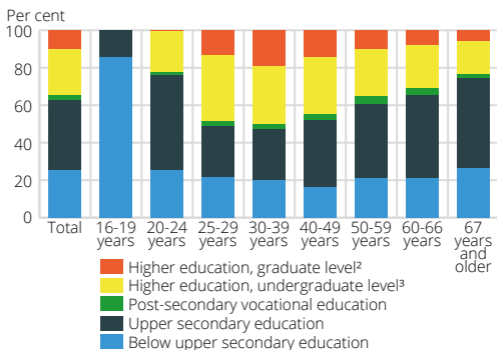
Education level. Population aged 25 years and older by level of higher education

	Higher education, undergraduate level ¹		Higher education, graduate level ²	
	Total	Per cent women	Total	Per cent women
1980	244 926	50.3	75 158	14.7
1985	301 054	52.1	89 953	17.3
1990	368 860	53.2	107 306	21.3
1995	461 271	54.5	131 267	25.8
2000	565 741	56.1	166 759	31.0
2005	658 872	57.7	205 307	35.3
2010	761 427	58.6	268 371	40.5
2015 ³	897 882	58.7	381 296	44.9
2016	921 289	58.7	398 560	45.7
2017	943 243	58.9	414 089	46.3
2018	965 343	59.0	429 895	46.9
2019	983 341	59.2	445 663	47.7

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

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

Education level for the population 16 years and older¹. 2019



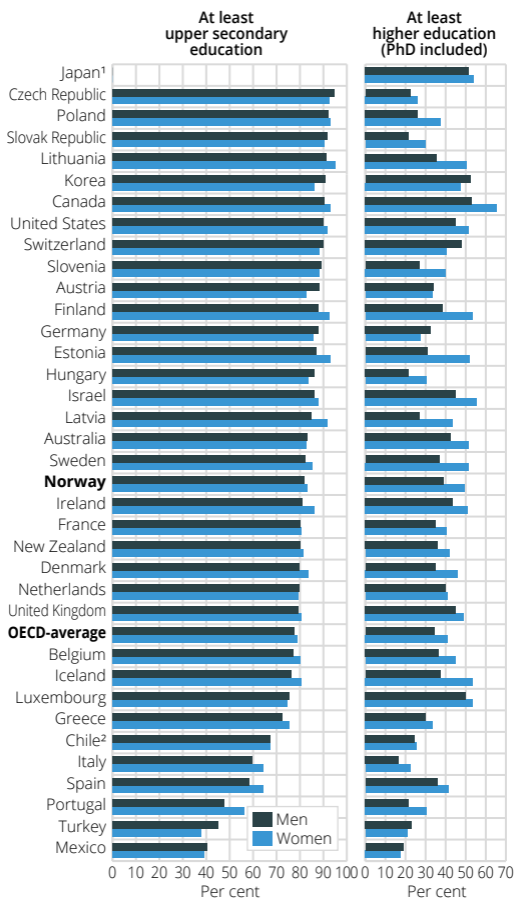
¹ Not including persons with unknown or not completed education.

² More than 4 years, PhD included.

³ Four years or less.

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

Education level among men and women aged 25-64 in OECD-countries. 2019



¹ Data for at least upper secondary education not available.

² 2017-figures.

Source: OECD, Education at a Glance 2020.

More information: <https://www.oecd.org/education/education-at-a-glance/>

8. Resources

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
2016 ³	61 434	282 649	6.0
2017	61 559	281 622	6.0
2018	63 049	278 578	5.9
2019	63 831	275 804	5.7

¹ Man-years to primary functions include 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.

Source: KOSTRA. More information: <https://www.ssb.no/en/barnehager/>

Teacher man-years^{1,2} in primary and lower secondary schools and pupils per teacher man-year

	Teaching man-years	Pupils	Pupils per teaching man-year
2015	56 505	601 792	10.7
2016	57 629	606 242	10.5
2017	58 438	608 901	10.4
2018	59 373	610 673	10.3
2019	59 909	608 932	10.2

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

² Statistics Norway has started using a new method that provides better information about working hours from 2015 and onwards. The new method will have consequences for the estimation of man-years, which is based on contractual percentage of full-time equivalents.

Source: Registerbased personnel reporting in Statistics Norway/Kostra.

More information: <https://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	20 934	182 222	8.7
2016	20 855	184 022	8.8
2017	20 710	183 503	8.9
2018	20 834	183 662	8.8
2019	20 892	180 183	8.6

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

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

³ Numbers from 2015 are not directly comparable with previous years. Statistics Norway has started using a new method that provides better information about working hours from 2015 and onwards. The new method will have consequences for the estimation of man-years, which is based on contractual percentage of full-time equivalents. Employees in folk high schools and other schools where both primary and secondary industry group are post-secondary vocational education, are no longer included. Teachers who do not have occupation which implies that they are teachers or students in post-secondary vocational education, are also not included.

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

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

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

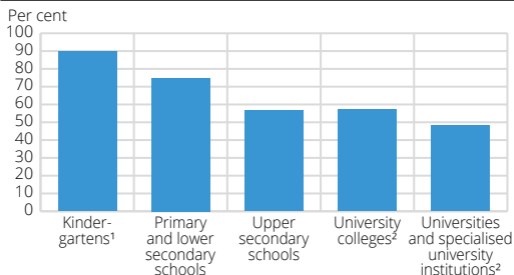
	Teacher man-years	Students	Students per teacher man-year
2008	17 952	206 191	11.5
2010	18 758	218 243	11.6
2012	19 099	239 273	12.5
2013	19 403	244 995	12.6
2014	19 861	250 459	12.6
2015	20 716	260 500	12.6
2016	21 675	268 981	12.4
2017	22 541	273 271	12.1
2018	23 402	275 610	11.8
2019	24 196	279 197	11.5

Total

Universities	19 566	184 889	9.5
State specialised university institutions	862	9 385	10.9
Private specialised university institutions	709	25 613	36.2
State university colleges	2 413	42 935	17.8
Private university colleges	646	16 375	25.3

Source: Statistics on Higher Education (DBH) at Norwegian Social Science Data Services. More information: <https://dbh.nsd.uib.no>

Proportion of female teaching staff in types of schools/ institutions. 2019



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: <https://www.ssb.no/en/kostra/> and <https://dbh.nsd.uib.no>

Proportion man-years by type of employment and educational background. 2019

	Pre-school teacher education ¹	Other pedagogical education ²	Other higher education	Skilled worker training ³	Other education
Head teachers	98.3	0.6	0.5	0.2	0.4
Pedagogical leaders	91.9	1.8	0.9	3.6	1.8
Other paraprofessionals ¹	0.6	1.9	2.7	44.4	50.3
Bilingual assistants	21.2	9.1	6.8	16.6	46.2
Staff to children, or groups of children, with special needs	25.0	10.6	7.4	25.0	31.9

¹ Includes kindergarten teachers or equivalent education which meets the requirements for pedagogical leaders. ² Pedagogical education which does not meet the requirements for pedagogical leaders. ³ Skilled worker training includes vocational training and other skilled worker training.

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

Employed teachers¹ in primary and lower secondary schools, by pedagogical education. Number and per cent

	2015	2017	2019
Teachers in primary and lower secondary schools, in total	72 000	74 637	76 699
Pre-school-/kindergarten teacher education	10.0	9.6	8.8
General-/primary and lower secondary teacher education, undergraduate level	49.5	48.3	47.7
Specific subject and vocational teacher training	4.6	4.7	4.6
Practical-pedagogical education for university and college graduates	9.8	10.1	10.9
Practical-pedagogical education for vocational teachers	1.8	2.1	2.4
General-/primary and lower secondary teacher education, graduate level	0.3	0.6	0.8
Lecturer education grade 8-13 and equivalent masters	0.5	0.8	1.2
Special needs education	0.7	0.7	0.7
Other types of pedagogical education	9.7	9.8	10.1
No pedagogical education	13.1	13.4	12.8

¹ A teacher is counted only once, with the most relevant education for the school level they are working at. Source: Register-based personnel statistics, Statistics Norway. More information: <https://www.ssb.no/en/utdansatte/>

Employed teachers in upper secondary schools, by qualification. Numbers and per cent

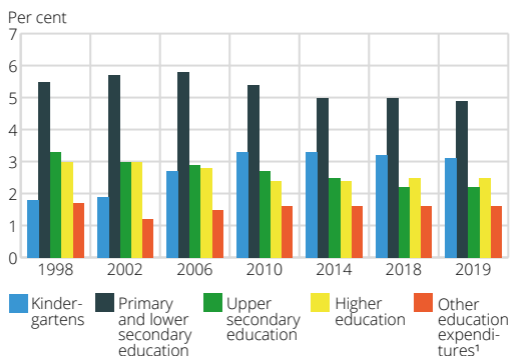
	2015	2017	2019
Teachers in upper secondary schools, in total	26 524	26 568	26 755
Long higher education with a teachers education	26.8	29.5	32.1
Long higher education with other educational sciences	2.7	2.8	2.9
Long higher education with-out educational science	5.8	5.2	4.7
Short higher education with a teachers education	45.8	45.1	44.2
Short higher education with other educational sciences	6.1	5.9	6.1
Short higher education without educational science	6.8	6.3	5.4
Upper secondary education	6.1	5.2	4.6

Source: Register-based personnel statistics, Statistics Norway. More information: <https://www.ssb.no/en/utdansatte/>

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

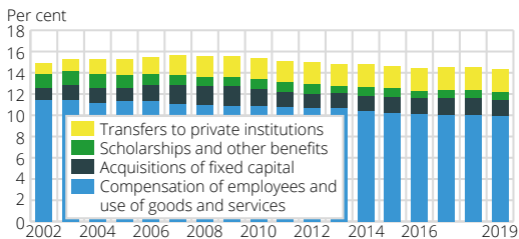
a) Education irrespective of level (e.g. adult education),

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

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

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

Government expenditure on education¹ as a percentage of total public expenditure, by type of expenditure



¹ Expenditure on kindergartens are included.

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

- **KOSTRA** is an abbreviation for “Municipality-State-Reporting”. Since 2001, all local governments have been reporting 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.
- **Net operating expenditures** show expenses for own production of municipal services plus purchase of services from others – minus earmarked grants from central government and direct user payments.

Municipal spending on kindergartens. Selected figures. 2019

	Country average
Net operating expenditure on kindergartens as a percentage of total net operating expenditure	14.4
Net operating expenditure per inhabitant 1-5 years old, kindergartens	164 477
Adjusted gross operating expenditure per adjusted hour of attendance, public kindergartens	79.5
Expenditure as a percentage of total expenditure:	
Attendance and stimulation, function 201	79.3
Special measure, function 211	10.7
Facilities, function 221	10.1

Source: KOSTRA. More information: <https://www.ssb.no/en/barnehager/>

Municipal spending on primary and lower secondary education. Selected figures. 2019

	Country average
Adjusted gross expenditure on primary and lower secondary school, per pupil	126 820
of which, education (202 ¹), per pupil	102 983
of which, school premises (222), per pupil	21 473
Adjusted gross expenditure on primary and lower secondary school, per pupil admitted school transport	10 536
Gross operating expenditure on day-care facilities, per pupil in day-care facilities	32 580

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

Source: KOSTRA. More information: <https://www.ssb.no/en/utgrs/>

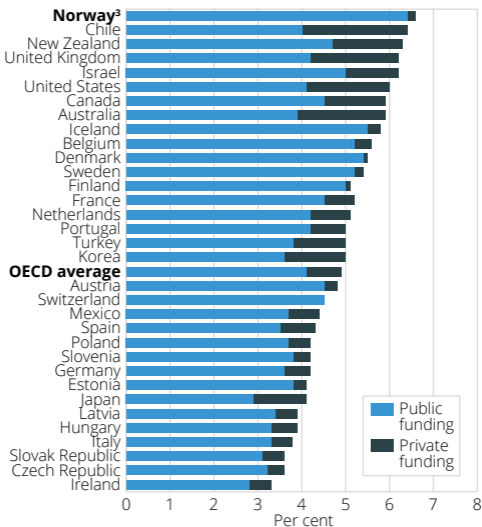
Adjusted gross operating expenditures (direct) per pupil¹ by area of study in upper secondary education. 2019

	Expenditure per pupil	General areas of study	Vocational studies
Country average	86 641	75 709	107 067
Østfold	81 467	69 952	98 558
Akershus	77 671	71 026	101 060
Oslo	78 980	75 215	106 751
Hedmark	94 395	78 801	112 997
Oppland	89 131	76 905	104 596
Buskerud	87 484	76 133	105 489
Vestfold	84 185	77 465	102 665
Telemark	89 118	76 473	108 938
Aust-Agder	93 171	78 344	109 513
Vest-Agder	83 764	73 448	108 654
Rogaland	84 838	76 248	102 341
Hordaland	82 556	71 855	102 864
Sogn og Fjordane	100 200	79 879	114 189
Møre og Romsdal	93 092	81 323	111 287
Trøndelag Trööndelage	89 806	76 605	109 071
Nordland	102 669	83 166	121 286
Troms Romsa	93 988	82 205	112 120
Finnmark Finnmárku	109 238	85 791	125 135

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

Source: KOSTRA. More information: <https://www.ssb.no/en/vgu/>

Expenditure on educational institutions¹ in OECD countries, as a percentage of GDP for all levels of education and by type of funding². 2017



¹ Final funds (after transfers between public and private sectors).

² Countries are ranked by descending resource use in total. Kindergartens are not included.

³ Figures for Norway are based on mainland-GDP.

Source: OECD, Education at a Glance 2020, table C2.2.

More information: <https://www.oecd.org/education/education-at-a-glance/>

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

	2008	2010	2012	2014	2016	2017	2018	2019
Total	7.9	8.3	8.1	8.2	8.3	8.4	8.4	8.4
Kindergartens	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Primary and lower secondary education	2.8	2.9	2.7	2.8	2.8	2.9	2.9	2.9
Upper secondary education	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3
Higher education	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5
Other education expenditure ¹	0.8	0.9	0.9	0.9	0.9	0.9	1.0	0.9

¹ This includes expenditures for a) Education irrespective of level (e.g. adult education), b) Services related to education (e.g. food, lodging, doctor and dentist costs), c) Miscellaneous (e.g. administration, coordination, monitoring/follow-up of education plans and budgets).

Source: Public Finances, Statistics Norway. More information: <https://www.ssb.no/en/offinnut/>

Number of children, pupils and students. 2019

Children in kindergartens



98 369

0-2 years



177 435

3-6 years

Pupils in primary and lower secondary education



446 218

pupils in primary education



190 032

pupils in lower
secondary education

Pupils, apprentices and trainees in upper secondary education



196 629

pupils in upper secondary education



48 457

apprentices and trainees

Students in higher education and in post-secondary vocational education



296 182

students in higher education



17 882

students in post-secondary
vocational education

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