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Periodical Part

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TALL

SOM FORTELLER

Facts about education in Norway 2024

– key figures 2022

Facts about education in Norway 2024

– key figures 2022

This brochure contains key figures for education statistics in Norway. The statistics are based on figures for 2022.

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.

Facts about Norway

Official name: The Kingdom of Norway

System of government: Constitutional Monarchy

Area 2023:

The Kingdom of Norway: 384 483 km²

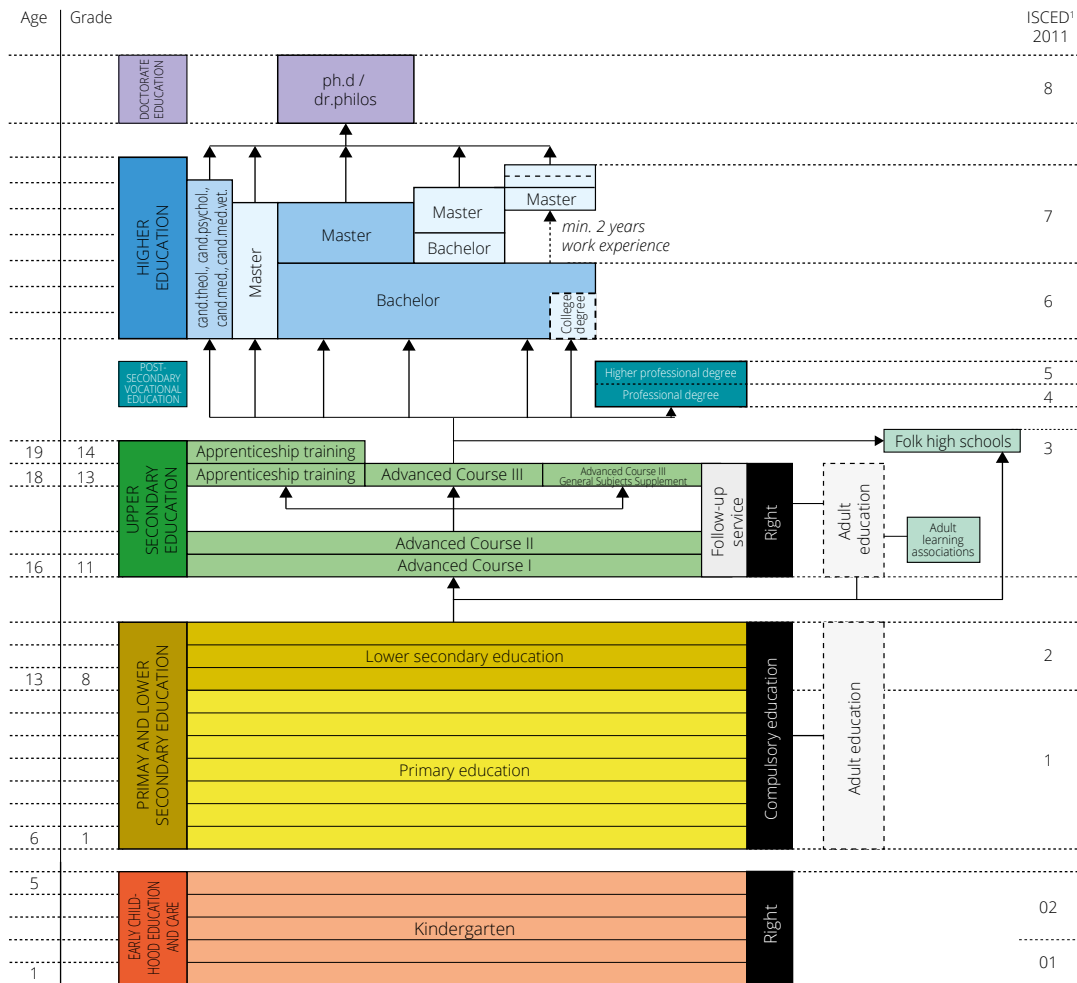
Mainland: 323 806 km²

Svalbard and Jan Mayen: 60 676 km²

Population 1 January 2023: 5 488 984

Monetary unit: Norwegian kroner, NOK

The Norwegian education system 2024



¹ISCED = International Standard Classification of Education.

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Explanation of symbols

- . **Category not applicable**
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- **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 (up to 2 years on a full-time basis) 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. 2022

Children in kindergartens. Total	268 730
0-2 years	100 791
3-6 years	167 939

Pupils in primary and lower secondary education. Total	636 934
Primary education (1st-7th grade)	437 855
Lower secondary education (8th-10th grade)	199 079

Pupils, apprentices and trainees in upper secondary education. Total	251 477
Pupils in upper secondary schools	198 984
Apprentices	50 600
Trainees	1 893

Pupils in folk high schools. Total	6 994
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Pupils in other upper secondary educational programmes. Total	1 291
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Students in post-secondary vocational education. Total	26 641
Public	12 783
Private	13 858

Students in higher education. Total	310 934
Universities	187 629
State specialised university institutions	11 072
Private specialised university institutions	27 139
State university colleges	42 250
The Norwegian Police University College	2 799
Military university colleges	541
Correctional Service of Norway Staff Academy	412
Private university colleges	25 933
Higher education abroad	13 159

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
2016	282 649	2.4	2.7	94.9
2018	278 578	1.6	2.2	96.1
2020	272 264	1.3	1.8	96.9
2021	268 465	1.0	1.7	97.3
2022	268 730	0.9	1.5	97.6

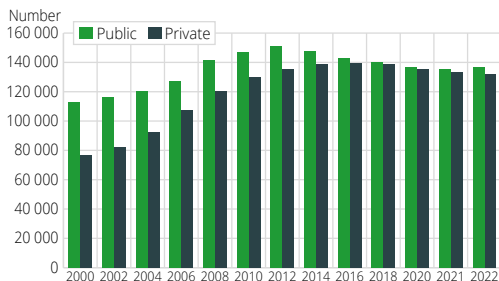
More information: <https://www.ssb.no/en/barnehager/>

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
2016	71.7	92.3	95.9	97.2	97.5	91.0
2018	73.2	93.2	96.4	97.2	97.6	91.7
2020	76.6	94.0	96.6	97.5	97.6	92.7
2021	79.1	94.6	96.8	97.5	97.7	93.4
2022	81.0	94.7	96.8	97.2	97.4	93.4

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

Children in public and private kindergartens



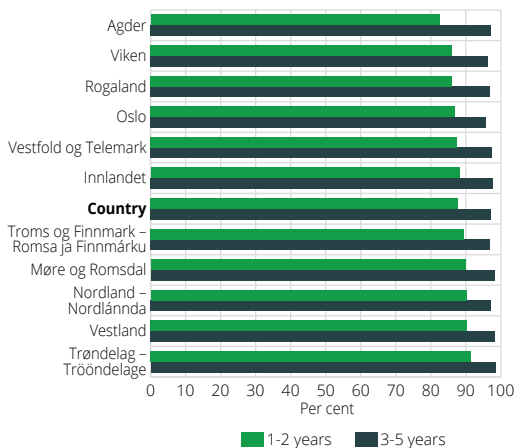
More information: <https://www.ssb.no/en/barnehager/>

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
2020	5 620	47.3	52.7
2021	5 525	47.5	52.5
2022	5 420	48.3	51.7

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

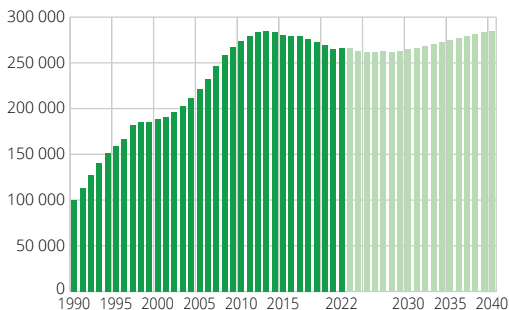
Children aged 1-2 years and 3-5 years in kindergartens¹. 2022



¹ Counties are ranked in ascending order for the proportion of 1-2 years.

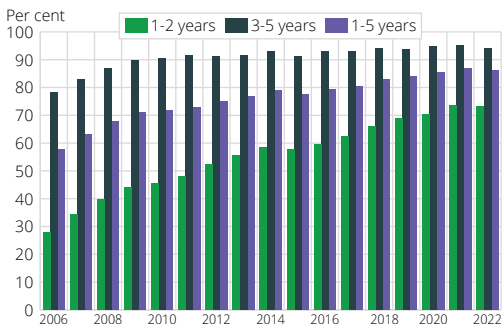
More information: <https://www.ssb.no/en/barnehager/>

Children aged 1-5 in kindergartens 1991-2022. Projected attendance 2023-2040



Source: Statistics Norway, kindergarten statistics 1991-2022 and population statistics for projections of children in kindergartens 2023-2040 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

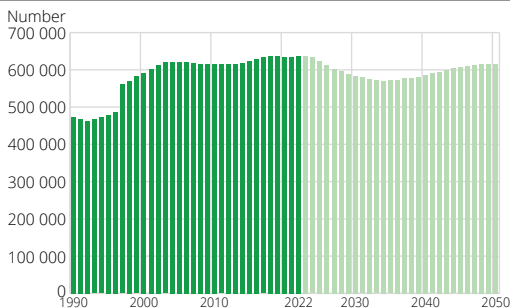
- Primary and lower secondary school covers education for children aged 6 to 15 from 1st to 10th grade. Local authorities are required to offer before and after-school care from 1st grade to 4th grade.
- The source of data on pupils of school age is the Primary and lower secondary information system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

Pupils in primary and lower secondary education. 2022

	Pupils
Pupils in primary and lower secondary education, total	636 388
Pupils in private schools	28 099
Pupils with individual decisions on special needs education	49 739
Pupils in additional training in Norwegian ¹	43 944
Children in day-care facilities for schools	164 952

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 1990-2022^{1, 2}. Projected attendance 2023-2050



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 1990-2022. Population projections of pupils in compulsory school age 2023-2050 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. 2022

	Total	Primary schools	Combined primary and lower secondary schools	Lower secondary schools
Total	2 740	1 506	741	493
Municipal	2 455	1 429	573	453
County	6	0	2	4
State	1	0	1	0
Private ¹	278	77	165	36

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.

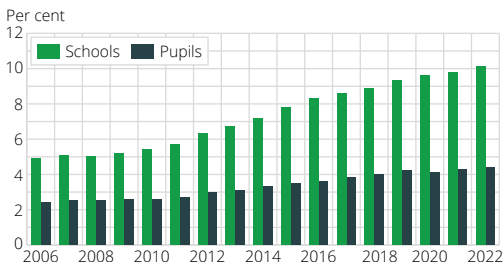
More information: <https://www.ssb.no/en/utgrs/>

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
2016	2 858	851	1 144	863	6.6	35.5	57.9
2018	2 830	813	1 134	883	6.2	34.6	59.2
2020	2 776	776	1 107	893	6.1	34	60.1
2021	2 761	768	1 107	886	6.1	34.1	59.9
2022	2740	759	1 083	898	6.1	33.3	60.6

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

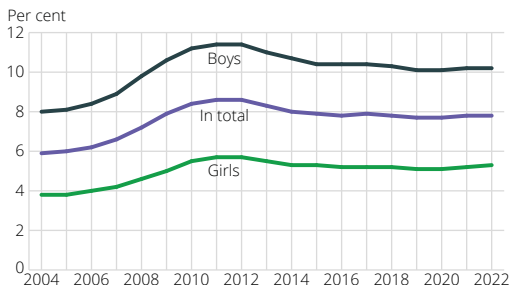
Proportion of private primary and lower secondary schools and proportion of pupils in private primary and lower secondary schools¹



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.

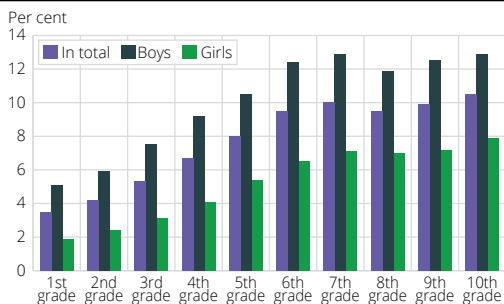
More information: <https://www.ssb.no/en/utgrs/>

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. 2022

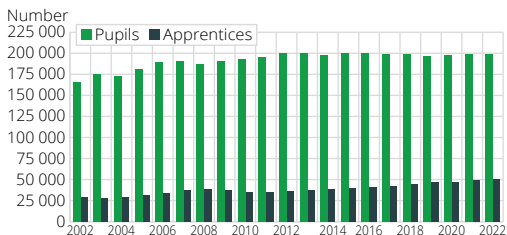


Source: The Norwegian Directorate for Education and Training
 More information: <https://gsi.udir.no/> (in Norwegian only)

3.2. Upper secondary education

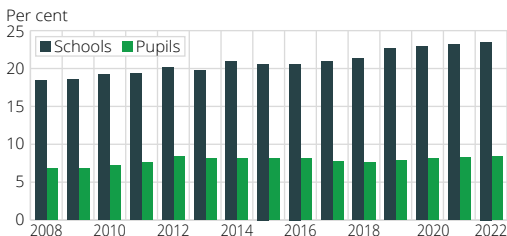
- Upper secondary education provides three years of general education or four years of vocational education and training after the 10-year compulsory education. Vocational education and training usually consists of two years in school followed by two years of combined in-service training and productive 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



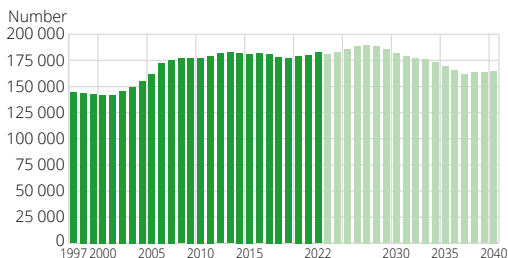
More information: <https://www.ssb.no/en/vgu/>

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. 1997-2022. Projected attendance 2023-2040^{1, 2}



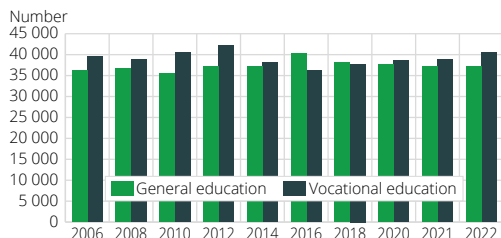
¹ For the projected figures for 2023-2040 it has been assumed that the proportion of 16-18-year-olds in upper secondary education in relation to the population as a whole will be the same as in 2022 (93.1%). ² Population projections are estimated according to the average growth rates for fertility, life 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. 2022

	All pupils	Immigrants	Norwegian-born to immigrant parents	The rest of the population
Completed lower secondary, spring 2022	63 080	5 474	4 735	52 871
In upper secondary education, autumn 2022	61 711	5 028	4 636	52 047
Percentage of direct transition	97.8	91.9	97.9	98.4

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

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. 2022

	Pupils		Apprentices	
	Total	Per cent women	Total	Per cent women
Pupils/apprentices in upper secondary schools, total	198 984	51.9	50 600	28.6
Pupils in general education, total	121 756	56.7	.	.
specialising in general studies	95 086	56.9	.	.
in sports and physical studies	12 570	43.4	.	.
in music, dance and drama	5 928	67.8	.	.
in art, design and architecture (Level 1 and 2 autumn 2017)	3 380	83.0	.	.
in media and communication (Level 1 and 2 autumn 2017)	4 792	54.0	.	.
Pupils/apprentices in vocational education, total	77 228	44.5	50 600	28.6
in building and construction	9 726	11.2	11 819	8.2
in design, arts and crafts	0	0.0	988	79.0
in electricity and electronics	10 093	7.1	9 570	6.6
in healthcare, childhood and youth development	23 882	84.6	8 914	78.4
in media and communication ²	0	0.0	1	100.0
in crafts, design and produkt developement. From 2020/2021	670	73.4	86	57.0
in hairdressing, floral, interior and retail design. From 2020/2021	2 380	92.0	400	89.3
in information technology and media production. From 2020/2021	2 950	16.2	707	9.9
in sales, service and tourism. From 2020/2021	5 400	44.8	1 191	52.2
in agriculture, fishing and forestry	5 586	52.8	1 676	33.9
in restaurant and food	3 529	50.9	2 028	49.9
in service and transport	0	0.0	3 323	31.8
in technical and industrial production	13 012	15.5	9 897	13.5

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. 2022

	Total population	Immigrants	Norwegian-born to immigrant parents
Total	93.1	83.2	94.0
Men	92.8	82.1	93.4
Women	93.4	84.3	94.5

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/>

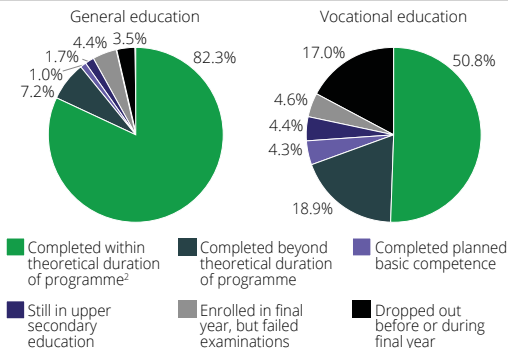
Number of upper secondary schools. Ownership

	2010	2012	2014	2016	2018	2020	2021	2022
Total	448	448	441	446	446	419	426	430
State	3	3	3	4	3	4	3	3
County	359	355	346	350	348	319	324	326
Private ¹	86	90	92	92	95	96	99	101

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

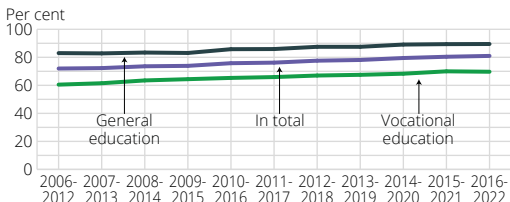
More information: <https://www.ssb.no/en/vgu/>

Completion rates in upper secondary education. Pupils who started in upper secondary level 1 for the first time in 2016, 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/vgogien/>

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



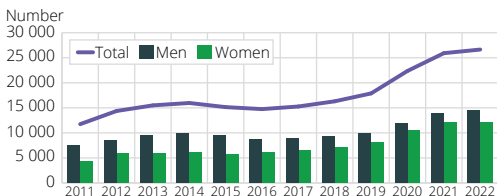
¹ Six years for pupils entering one of the programmes on vocational studies and five years for pupils entering one of the programmes on general studies.

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

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 up to 2 years.
- Pursuant to the Statistical Act, Statistics Norway collects student data from Database for Statistics on Higher Education and the administrative systems of various higher education institutions.

Students in post-secondary vocational education. Number



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

Students by age in public and private post-secondary vocational education. Number and per cent. 2022

	Total	Public	Private
Number of students, in total	26 641	12 783	13 858
Percentage 20 years and younger	3.9	2.7	5.1
Percentage 21-25 years	25.0	27.0	23.2
Percentage 26-30 years	19.8	21.8	17.9
Percentage 31-35 years	16.7	16.9	16.5
Percentage 36-40 years	12.6	12.2	13.0
Percentage 41-45 years	9.3	8.8	9.8
Percentage 46-50 years	6.8	6.0	7.5
Percentage 51 years and older	5.9	4.6	7.1

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

Students in different fields of education in post-secondary vocational education. Number and per cent. 2022

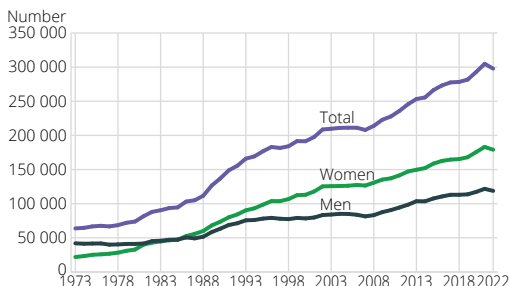
	Total	Men	Women
Total	26 641	14 512	12 129
Humanities and arts	8.3	4.5	13.0
Education	1.4	0.6	2.4
Social sciences and law	1.6	1.4	1.7
Business and administration	13.5	6.4	22.0
Natural sciences, vocational and technical subjects	44.1	70.8	12.2
Health, welfare and sport	22.5	5.1	43.2
Primary industries	1.2	1.3	1.1
Transport and communication, safety and security and other services	6.9	9.5	3.7
Not known or unspecified	0.6	0.5	0.7

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). 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

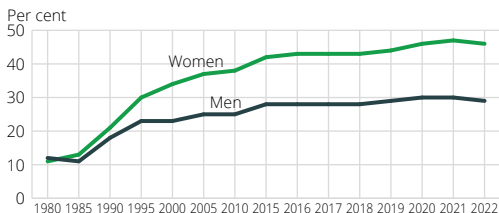
	Total				Per cent women 2022
	2000	2010	2020	2022	
Total	186 002	227 747	292 834	297 775	60.1
Humanities and arts	28 945	26 339	28 569	27 452	60.7
Education	30 682	33 342	49 275	47 644	72.8
Social Sciences and law	24 504	31 150	37 983	38 330	65.0
Business and administration	26 584	42 000	57 872	58 682	53.3
Natural sciences, vocational and technical subjects	36 173	37 712	50 757	53 708	35.0
Health, welfare and sport	33 540	48 648	57 378	59 607	79.0
Primary industries	1 594	1 178	1 656	1 872	57.6
Transport and communications, safety and security and other services	2 860	4 055	7 001	7 787	39.3
Other ²	1 120	3 323	2 343	2 693	52.4

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/>

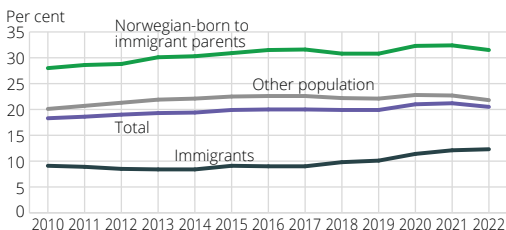
Students aged 19-24 in higher education¹, as a percentage of the population in this age group



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
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
2016/17	51 000	34 176	15 335	1 489
2018/19	53 974	36 284	16 095	1 595
2019/20	53 959	36 352	16 069	1 538
2020/21	56 236	36 119	18 439	1 678
2021/22	57 318	35 479	20 307	1 532

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

	2000	2005	2010	2012	2013	2014
Total (number)	40 118	41 324	48 153	48 461	50 890	49 961
Total (per cent)	100.0	100.0	100.0	100.0	100.0	100.0
Doctorates, Ph.D	0.2	0.3	0.4	0.2	0.3	0.2
Higher education graduates from programmes longer than 4 years	15.6	21.9	24.4	23.1	24.3	25.2
Higher education graduates from programmes lasting 2-4 years	40.1	39.7	41.0	42.4	41.8	42.7
No awarded qualification	44.0	38.1	34.3	34.3	33.6	31.8

¹ Students who enrolled in higher education for the first time 1.10.-1 - 30.9. the next year. 2014 refers to 1.10.2013 - 30.09.2014. 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
	2012	2014	2016	2018	2020	2022	women 2022
Total	15 592	16 916	15 762	14 953	13 533	13 159	61.6
United Kingdom	4 510	5 182	4 442	3 892	3 509	2 784	63.9
Denmark	2 693	2 974	2 407	2 257	2 166	1 995	65.5
Poland	1 505	1 571	1 550	1 533	1 548	1 556	64.8
Hungary	805	928	1 024	822	718	676	72.9
Netherlands	379	370	431	566	632	687	56.3
Slovak Republic	413	488	534	528	500	451	63.9
Sweden	733	727	559	575	460	435	64.6
Spain	312	355	314	251	381	470	65.1
Germany	131	186	224	285	280	308	53.6
Czech Republic	204	212	236	287	200	211	57.3
France	227	213	255	198	187	162	58.0
Italy	85	76	84	94	109	146	72.6
Switzerland	36	56	48	66	66	80	36.3
Ireland	89	92	86	73	58	58	74.1
Rest of Europe	371	437	515	570	643	738	56.4
Australia	1 119	771	715	674	391	435	68.3
Rest of Oceania	64	67	49	50	30	12	75.0
USA	1 557	1 837	1 779	1 695	1 326	1 552	47.7
Canada	128	126	153	136	106	95	49.5
South America	17	14	14	14	10	10	60.0
Rest of North and Central America	3	4	9	2	2	2	100.0
Asia	152	181	293	340	197	282	63.1
Africa	53	49	39	40	14	14	57.1
Not known or unspecified	6	-	2	5	0	0	0.0

¹ Exchange students and PhD students are not included.

Source: State Educational Loan Fund.

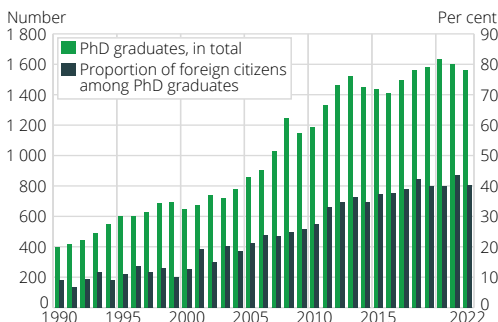
More information: <https://www.ssb.no/en/utuvh/>

International student mobility¹ in higher education² in Norway

	2018	2019	2020	2021	2022
International students, in total	12 144	12 648	12 691	12 946	13 708
From Europe, in total	5 573	5 473	5 186	5 406	5 675
Germany	646	650	641	731	844
Sweden	750	745	687	687	650
Denmark	526	598	592	670	600
Ukraine	226	178	135	116	411
France	249	279	300	337	358
Italy	277	282	268	294	321
Russian Federation	365	311	272	285	246
United Kingdom	212	222	237	242	236
Spain	227	240	216	213	226
Netherlands	218	201	200	210	215
Finland	279	232	217	238	214
Poland	247	237	211	191	206
Greece	124	123	127	128	124
Austria	72	70	71	79	82
Hungary	63	72	79	60	71
Romania	97	89	78	78	67
Switzerland	60	67	94	79	67
Iceland	121	122	100	82	64
Belgium	42	46	40	53	60
Rest of Europe ³	772	709	621	633	613
From Africa, in total	1 063	1 045	1 042	1 057	1 161
Nigeria	111	134	177	217	263
Ghana	189	202	201	220	234
Kenya	67	73	73	85	111
Rest of Africa	696	636	591	535	553
From Asia, in total	4 349	4 915	5 236	5 258	5 642
Iran	371	493	635	793	895
Pakistan	392	435	523	613	773
China	891	883	830	845	756
Bangladesh	196	222	274	391	547
India	408	510	520	521	546
Nepal	507	514	506	436	428
Philippines	252	286	315	329	334
Rest of Asia ³	1 332	1 572	1 633	1 330	1 363
From America, in total	1 100	1 153	1 159	1 147	1 168
USA	429	461	439	448	453
Brazil	146	164	167	165	168
Canada	152	148	162	149	144
Mexico	85	109	117	111	113
Colombia	87	90	98	104	95
Rest of America	201	181	176	170	195
From Oceania, in total	59	62	68	78	62
Australia	47	50	51	61	48
New Zealand	12	12	16	16	13
Rest of Oceania	0	0	1	1	1

¹ International students in Norway (excluding exchange students) 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 also includes 2-year post-secondary vocational education in Norway. ³ Turkey 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



More information: <https://www.ssb.no/en/teknologi-og-innovasjon/forskning-og-innovasjon-i-naeringslivet/statistikk/forskerpersonale>

Credits awarded to ordinary full-time students¹, per cent

	2011-2012		2021-2022	
	Men	Women	Men	Women
Total number of ordinary full-time students	104 271	159 047	125 021	190 994
Credits awarded to ordinary full-time students, per cent	100.0	100.0	100.0	100.0
0 credits	15.3	12.4	15.8	12.9
1-29 credits	21.8	20.4	18.4	17.1
30-59 credits	27.7	30.5	27.0	27.5
60 credits or more	35.2	36.8	38.9	42.4

¹ Students are registered students per 1 October or registered as active during the study year.

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 and §4A-2 of the Education Act).

Adult education in primary and lower secondary education

	2016	2018	2020	2022
Participants, in total	12 688	13 586	20 727	10 744
Participants with basic adult training	9 280	10 260	15 031	7 955
Participants with basic training and special training	108	212	405	104
Participants with special training for adults	3 300	3 114	5 291	2 685

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

	2015/16	2017/18	2019/20	2020/21	2021/22
Total	27 135	27 913	35 835	42 299	44 689
Pupils in schools	12 212	12 493	17 207	19 766	21 709
Participants in vocational training	14 923	15 420	18 628	22 533	22 980
Trade examinations taken by candidates for experience-based trade certification	8 877	9 012	8 113	9 958	9 537

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	2016	7 540	52.4
2004	6 051	64.2	2017	7 684	54.9
2008	6 168	60.7	2018	7 654	56.4
2010	7 092	57.2	2019	7 859	56.2
2012	6 964	55.6	2020	7 519	56.2
2014	6 838	54.1	2021	7 385	54.7
2015	7 218	54.6	2022	6 994	57.0

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	2016	504 898	57.0
2004	632 993	55.3	2017	522 458	57.0
2008	483 421	56.9	2018	478 548	57.5
2010 ¹	504 236	56.3	2019	485 173	57.9
2012	477 719	57.1	2020	373 693	56.5
2014	509 724	56.7	2021	408 390	56.7
2015	507 909	56.8	2022	501 596	58.2

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.
- Non-formal education includes courses, seminars and conferences where education is the main purpose of participation, as well as private lessons and lectures that are not part of a formal education.

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
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	46	48
2020	15	12	18	49	46	51
2021 ²	17	14	20	42	42	42
2022	19	16	22	48	47	49

¹ Questions about participation in formal education are not asked to persons who are older than 59 years. ² From 2021, there is a new questionnaire for the Labor Force Survey and the Learning Conditions Monitor (LVM), which causes time breaks in the statistics.

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

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.

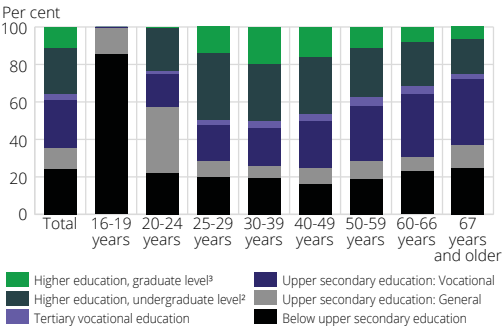
Education level. Population aged 25 years and older by level of higher education

	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
2020	1 006 969	59.2	463 198	48.2
2021	1 028 770	59.3	483 523	48.8
2022	1 050 450	59.4	512 921	49.8

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. 2022

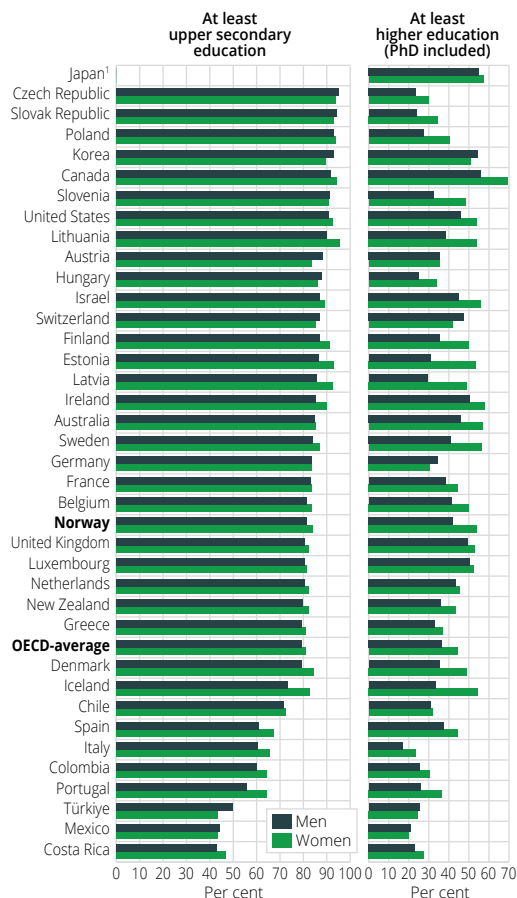


¹ Not including persons with unknown or not completed education.

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. 2022



¹ Include figures for post-secondary non-tertiary education.

Source: OECD, Education at a Glance 2023.

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	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
2020	63 462	272 264	5.7
2021	63 019	268 465	5.7
2022	63 668	268 730	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.

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

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

	Teaching man-years	Pupils	Pupils per teaching man-year
2016	57 818	606 242	10.5
2017	58 632	608 901	10.4
2018	59 542	610 673	10.3
2019	60 115	608 932	10.1
2020	59 638	607 103	10.2
2021	59 414	604 745	10.2
2022	59 909	606 561	10.1

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

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
2008	20 846	177 229	8.5
2010	21 217	184 145	8.7
2012	21 386	188 731	8.8
2014	21 350	188 827	8.8
2015 ³	20 934	182 222	8.7
2016	20 889	184 022	8.8
2017	20 723	183 503	8.9
2018	20 846	183 662	8.8
2019	20 901	180 183	8.6
2020	21 187	181 903	8.6
2021	20 862	182 376	8.7
2022	20 750	182 791	8.8

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/>

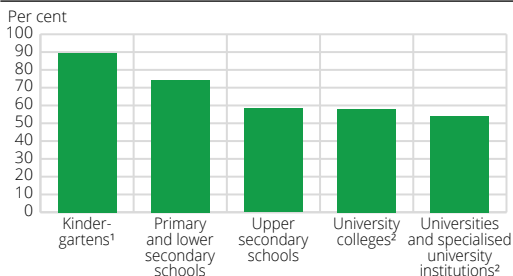
Teacher man-years and students per man-year in higher education

	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
2014	19 861	250 459	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	279 151	11.5
2020	24 623	291 886	11.9
2021	25 745	304 067	11.8
2022	26 392	295 382	11.2
Total 2022	26 392	295 382	11.2
Universities	21 022	190 095	9.0
State specialised university institutions	947	11 288	11.9
Private specialised university institutions	824	27 417	33.3
State university colleges	2 831	43 428	15.3
Private university colleges	766	23 154	30.2

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

More information: <https://dbh.hkdir.no>

Proportion of female teaching staff in types of schools/ institutions. 2022



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.hkdir.no>

Proportion man-years by type of employment and educational background. 2022

	Pre-school teacher education ¹	Other pedagogical education ²	Other higher education	Skilled worker training ³	Other education
Head teachers	91.4	8.2	0.2	0.1	0.2
Pedagogical leaders	90.7	3.9	0.6	3.3	1.5
Other paraprofessionals ¹	0.8	2.3	2.5	47.8	46.6
Bilingual assistants	21.0	9.3	6.3	21.6	42.0
Staff to children, or groups of children, with special needs	21.6	12.1	6.8	26.3	33.1

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

	2018	2019	2020	2021	2022
Teachers in primary and lower secondary schools, in total	75 727	76 699	77 559	78 625	78 466
Pre-school-/kindergarten teacher education	9.3	8.8	8.4	8.2	8.1
General-/primary and lower secondary teacher education, undergraduate level	47.8	47.7	47.6	45.8	43.7
Specific subject and vocational teacher training	4.6	4.6	4.6	4.6	4.7
Practical-pedagogical education for university and college graduates	10.3	10.9	11.1	11.2	11.1
Practical-pedagogical education for vocational teachers	2.3	2.4	2.5	2.4	2.4
General-/primary and lower secondary teacher education, graduate level	0.6	0.8	0.9	1.2	3.0
Lecturer education grade 8-13 and equivalent masters	1.0	1.2	1.5	1.8	2.0
Special needs education	0.7	0.7	0.8	0.8	0.9
Other types of pedagogical education	10.0	10.1	10.0	11.2	11.7
No pedagogical education	13.4	12.8	12.7	12.7	12.5

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

	2018	2019	2020	2021	2022
Teachers in upper secondary schools, in total	26 521	26 755	26 797	27 283	27 418
Long higher education with a teachers education	30.7	32.1	33.5	34.7	35.7
Long higher education with other educational sciences	2.9	2.9	3.0	3.1	3.1
Long higher education without educational science	4.8	4.7	4.5	4.3	4.2
Short higher education with a teachers education	44.8	44.2	43.1	41.8	41.1
Short higher education with other educational sciences	6.1	6.1	6.0	6.1	5.9
Short higher education without educational science	5.7	5.4	5.1	5.0	4.7
Upper secondary education	4.9	4.6	4.7	5.1	5.4

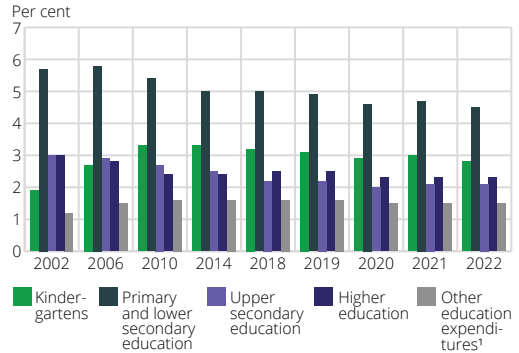
Source: Register-based personnel statistics, Statistics Norway.

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

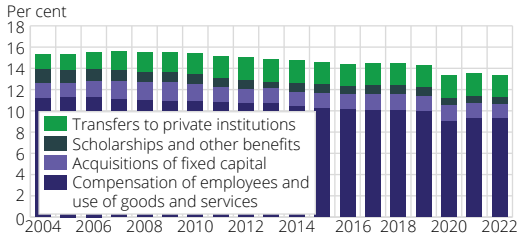
a) Education irrespective of level (e.g. adult education),

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. 2022

	Country average
Net operating expenditure on kindergartens as a percentage of total net operating expenditure	13.8
Net operating expenditure per inhabitant 1-5 years old, kindergartens	192 165
Adjusted gross operating expenditure per adjusted hour of attendance, public kindergartens	91.9
Expenditure as a percentage of total expenditure:	
Attendance and stimulation, function 201	77.9
Special measure, function 211	11.3
Facilities, function 221	10.8

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

Municipal spending on primary and lower secondary education. Selected figures. 2022

	Country average
Adjusted gross expenditure on primary and lower secondary school, per pupil	143 297
of which, education (202 ¹), per pupil	114 457
of which, school premises (222), per pupil	26 202
Adjusted gross expenditure on primary and lower secondary school, per pupil admitted school transport	11 829
Gross operating expenditure on day-care facilities, per pupil in day-care facilities	37 118

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

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

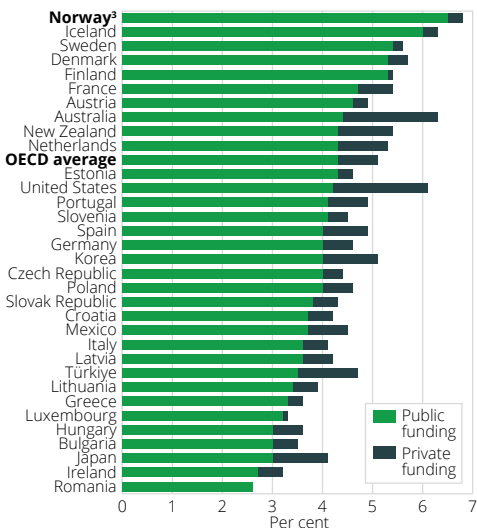
Adjusted gross operating expenditures (direct) per pupil¹ by area of study in upper secondary education. 2022

	Expenditure per pupil	General areas of study	Vocational studies
Country average	94 664	82 449	116 681
Viken	88 293	77 022	113 388
Oslo	91 005	85 536	127 464
Innlandet	102 637	87 327	121 755
Vestfold og Telemark	96 912	85 750	119 191
Agder	97 168	84 150	116 036
Rogaland	90 627	81 251	109 034
Vestland	87 505	74 974	105 283
Møre og Romsdal	104 651	93 378	121 643
Trøndelag – Tröndelage	94 343	79 027	114 371
Nordland – Nordlännda	116 078	93 343	137 564
Troms og Finnmark – Romsa ja Finnmárku	112 757	95 193	128 643

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. 2020



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 2023, table C2.3.

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

	2014	2016	2017	2018	2019	2020	2021	2022
Total	8.2	8.3	8.4	8.4	8.3	8.4	8.1	7.8
Kindergartens	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7
Primary and lower secondary education	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.7
Upper secondary education	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.3
Higher education	1.3	1.4	1.4	1.4	1.4	1.5	1.4	1.3
Other education expenditure ¹	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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. 2022

Children in kindergartens



100 791

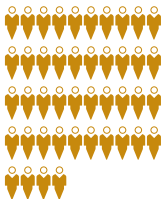
0-2 years



167 939

3-6 years

Pupils in primary and lower secondary education



437 855 pupils in primary education



199 079

pupils in lower
secondary education

Pupils, apprentices and trainees in upper secondary education



198 984

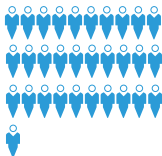
pupils in upper secondary education



52 493

apprentices and trainees

Students in higher education and in post-secondary vocational education



310 934 students in higher education



26 641

students in post-secondary
vocational education

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