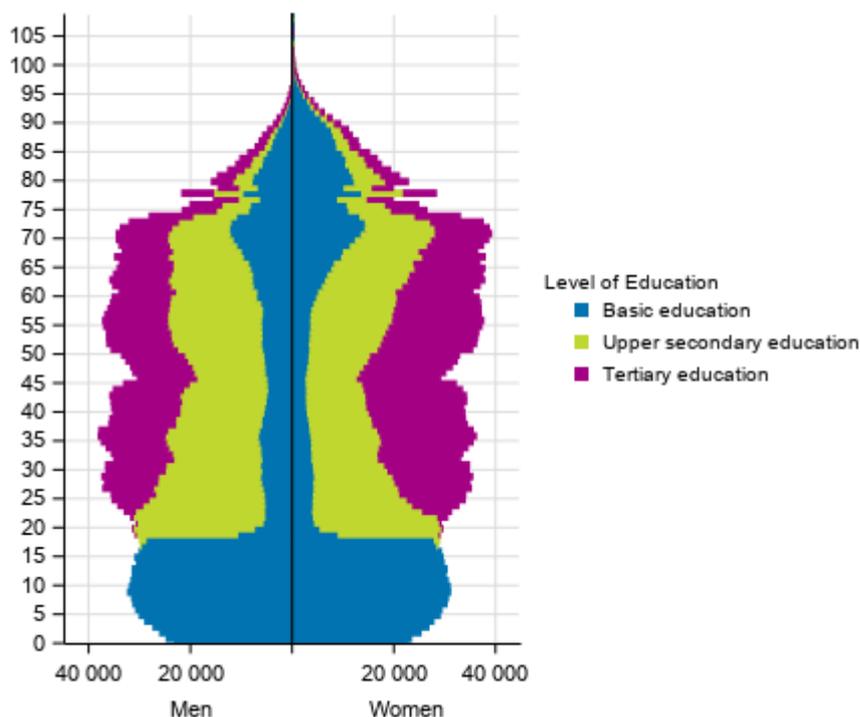


Educational structure of the population 2019

Educational qualifications highest among persons aged 40 to 44 in 2019

By the end of 2019, altogether 3,435,387 persons, or 74 per cent of the population aged 15 or over had completed a post-comprehensive level qualification. The share of persons with an educational qualification grew by one percentage point from the year before. Thirty-two per cent of the population had completed a tertiary level qualification.

Population by gender, age and level of education 2019

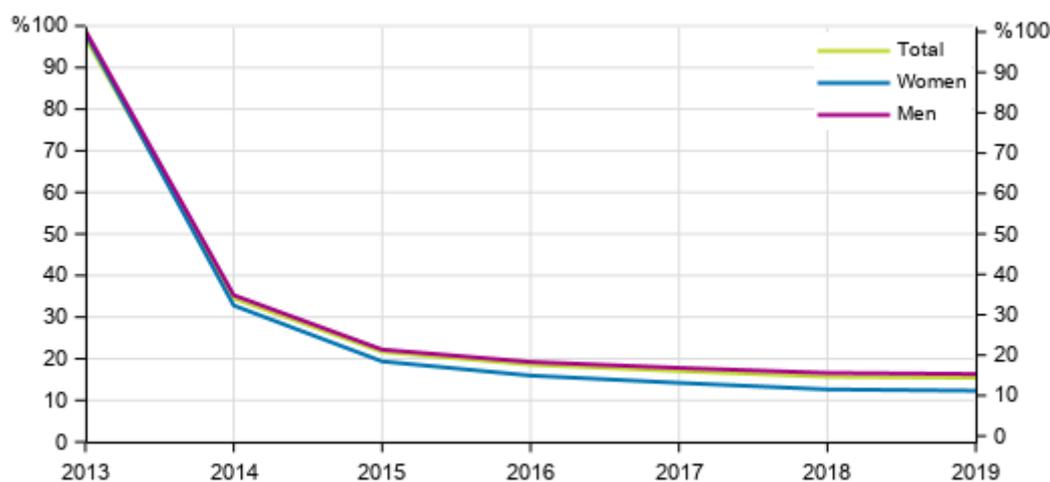


Basic education includes persons, whose qualifications attained abroad are not known

In 2019, the highest educated persons were those aged 40 to 44, of whom 88 per cent had completed a qualification and 47 per cent a tertiary level qualification. In all, 87 per cent of persons aged 45 to 49 had completed a qualification and 46 per cent a tertiary level qualification. These data derive from Statistics Finland's Education Statistics.

Thirty-six per cent of all women aged over 15 had completed tertiary level qualifications and 25 per cent of women had basic level qualifications. Overall, 28 per cent of men had completed tertiary level qualifications and 28 per cent were without a post-comprehensive level qualification. The differences between genders were even bigger in younger age groups. In women aged 30 to 34, tertiary level qualifications had been attained by 48 per cent and 12 per cent were without a post-comprehensive level qualification, while for men the corresponding shares were 33 and 18 per cent. The [database tables](#) describe the shares and numbers of those with qualifications examined by gender, age group and area.

Population born 1995 without upper secondary degree, % of age cohort

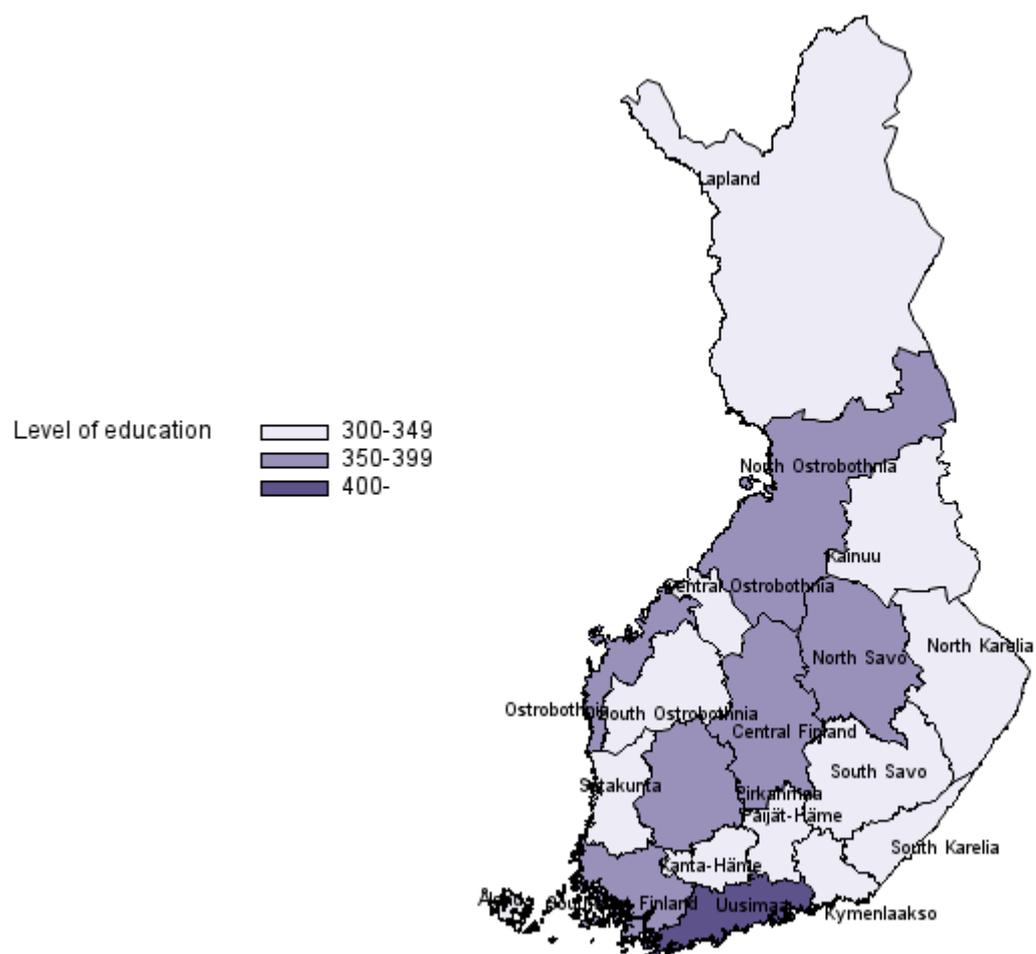


The cohort of persons born in 1995 came of age in 2013, when nearly all of the age group were still without upper secondary level qualifications. In 2014, the share of persons without upper secondary level qualifications was 36 per cent, after which the share of persons without upper secondary level qualifications has fallen steadily. Persons born in 1995 turned 24 in 2019, when 14 per cent had no upper secondary level qualifications, 16 per cent of men and 13 per cent of women.

The share of those without upper secondary level qualifications has remained unchanged regardless of the age cohort, although more of those born in 1985 did not have an upper secondary level qualification. Seventeen per cent of persons born in 1985 were without upper secondary level qualifications when the age cohort turned 24. One in five men were without a secondary level qualification and 14 per cent of women. Fifteen per cent of those born in 1975 were without upper secondary level qualifications when the age group was 24 years old. Of men 17 per cent had no upper secondary level qualifications and of women 13 per cent.

In 2019, there were 103,166 persons aged 20 to 29 with only basic level education, making up 15 per cent of the age group. Among men, 18 per cent of the age group had only basic level education and 13 per cent among women. The number of persons aged 20 to 29 with only basic level education was highest in Åland, where 23 per cent of the age group had no post-comprehensive level qualification. The share of persons with only basic level education was lowest in North Karelia, South Ostrobothnia and Central Finland, where 12 per cent of those aged 20 to 29 had no post-comprehensive level qualification. Persons whose qualifications attained abroad are not known are also included in those without a basic level qualification.

Population by the measure of level of education based on length of education in 2019



The highest educated population lived in Uusimaa in 2019. The population's measure of level of education indicates the average length of the highest level of completed education per capita. In Uusimaa, the population had completed an average of 4.3 years of post-comprehensive level education. The second highest educated population lived in Pirkanmaa, where the population had completed an average of 3.9 years of post-comprehensive level education..

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Appendix tables

Appendix table 1. Population with educational qualification by level of education, field of education and gender 2019

Field of education Gender		Level of education							
		Total	Upper secondary education	Post-secondary non-tertiary education	Tertiary level total	Short-cycle tertiary education	Bachelor's or equivalent level	Master's or equivalent level	Doctoral or equivalent level
Total	Total	3 435 385	1 892 279	44 372	1 498 734	426 481	557 666	464 953	49 634
	Women	1 779 338	896 996	20 457	861 885	263 161	313 794	262 628	22 302
Generic programmes and qualifications	Total	309 807	309 807	-	-	-	-	-	-
	Women	148 899	148 899	-	-	-	-	-	-
Education	Total	105 972	1 935	742	103 295	11 078	40 094	49 743	2 380
	Women	83 023	838	138	82 047	9 944	30 744	39 718	1 641
Arts and humanities	Total	194 274	58 873	973	134 428	6 488	45 074	77 088	5 778
	Women	130 986	33 189	492	97 305	4 137	32 536	57 578	3 054
Social sciences, journalism and information	Total	80 868	617	-	80 251	3 787	16 363	54 482	5 619
	Women	53 439	459	-	52 980	2 244	10 710	36 909	3 117
Business, administration and law	Total	567 492	184 685	18 683	364 124	186 551	98 610	75 941	3 022
	Women	379 092	129 016	7 001	243 075	135 137	65 460	41 196	1 282
Natural sciences, mathematics and statistics	Total	56 021	3 071	65	52 885	-	8 380	34 705	9 800
	Women	29 192	1 459	31	27 702	-	4 547	19 188	3 967
Information and Communication Technologies (ICT)	Total	125 475	39 560	584	85 331	14 372	43 356	25 062	2 541
	Women	24 836	5 272	104	19 460	5 574	8 224	5 194	468
Engineering, manufacturing and construction	Total	914 552	622 187	7 561	284 804	73 025	128 809	74 780	8 190
	Women	148 059	103 059	1 749	43 251	5 551	19 203	16 541	1 956
Agriculture, forestry, fisheries and veterinary	Total	137 118	94 627	847	41 644	13 531	14 683	11 921	1 509
	Women	48 402	31 965	278	16 159	3 264	5 905	6 214	776
Health and welfare	Total	521 950	236 741	3 708	281 501	92 791	129 497	48 878	10 335
	Women	453 552	208 097	3 250	242 205	85 640	114 880	35 834	5 851
Services	Total	415 938	337 422	11 209	67 307	24 351	31 696	10 976	284
	Women	276 787	233 437	7 414	35 936	11 389	20 960	3 475	112
Unknown	Total	5 918	2 754	-	3 164	507	1 104	1 377	176
	Women	3 071	1 306	-	1 765	281	625	781	78

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Source: Education 2018. Statistics Finland