

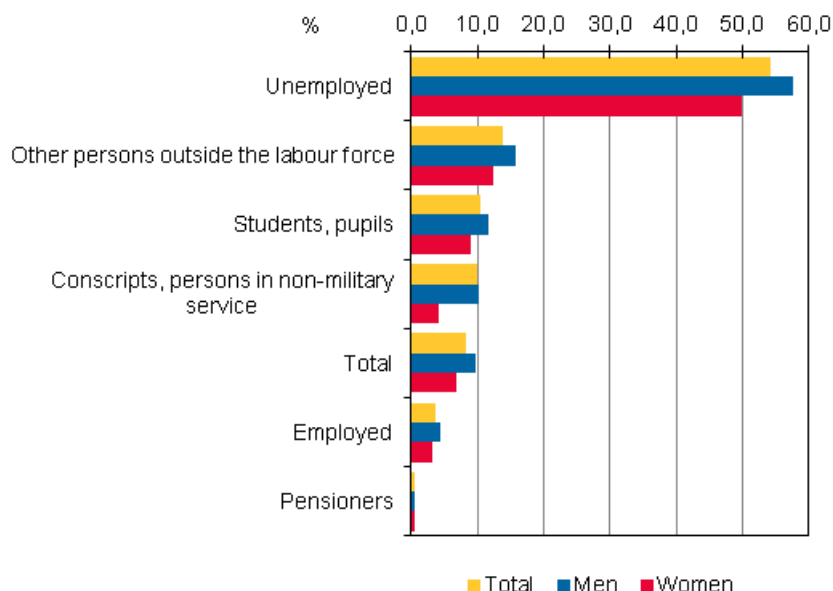
Employment 2012

Background information on unemployed persons

High level of education protects against unemployment

According to Statistics Finland's employment statistics, there were 2.3 million employed persons in the 18 to 64 age group at the end of 2011. One year later 88,000 of them were unemployed. In all, 4.4 per cent of employed men and 3.1 per cent of employed women became unemployed during the year. At the end of 2012, a total of 280,000 persons in the 18 to 64 age group were unemployed. The data on unemployment in the employment statistics derive from the Register of Job Seekers of the Ministry of Employment and the Economy.

Risk of unemployment for persons aged 18 to 64 at the end of 2012 according to the main type of activity at the end of 2011 (%)



Risk of unemployment for employed persons is below the average of the population

For employed persons the risk of unemployment (3.8 %), meaning the share of persons becoming unemployed during the year, was more than one-half lower than for the population on average. Of all 3.3 million persons aged between 18 and 64 and living permanently in Finland at the end of 2011, 8.3 per

cent were unemployed at the end of the year 2012. Among men, the share was 9.6 per cent and among women 6.9 per cent. When viewing the main type of activity at the end of 2011, the unemployment risk was lowest for pensioners (0.4 %) and highest for the unemployed of whom 54.3 per cent were still unemployed after one year. Among unemployed men, the risk to remain unemployed was 57.5 per cent and among women 49.9 per cent.

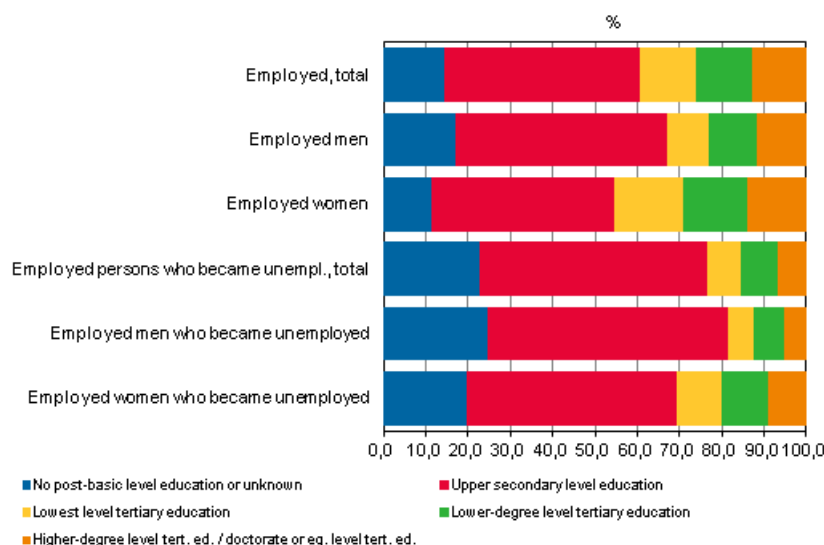
Low level of education increases the risk of unemployment

The risk of unemployment differed depending on the level of education both among the entire population and among employed persons. When examining all persons aged 18 to 64, 21.0 per cent had not completed post-basic level education at the end of 2011. Persons for whom data on education are not known are also included in this group in the classification of level of education. The share of persons who had not completed post-basic level education among the employed was 14.2 per cent. Of those employed who had become unemployed at the end of 2012, 22.6 per cent had not completed post-basic level education. Persons without post-basic level education have had more difficulties in finding employment than others. In addition, the unemployment risk of persons with low level of education was higher than the average.

The share of persons with upper secondary level education was the same for the whole population aged 18 to 64 and for the employed population of the same age, 46.6 per cent. Among employed persons who had become unemployed, the share of persons with upper secondary level education was higher, 53.8 per cent. The share of persons with at least the lowest level tertiary degree among the employed was 39.2 per cent. Among the entire population, the share of such persons was 6.8 percentage points lower. Among employed persons who had become unemployed, the share of persons with tertiary degree was 23.6 per cent.

The risk of becoming unemployed decreased as the level of education under review increased. The risk of unemployment for persons without post-basic level education was 6.0 per cent while the risk for persons with at least higher-degree level tertiary qualifications was 2.0 per cent. As an exception to this, the unemployment risk of those with lower-degree level tertiary education (2.5 %) was higher than the risk of those having the lowest level of tertiary education (2.3 %). The share of persons with at least higher-degree level tertiary education of all employed persons who became unemployed was low: 5.3 per cent of men (2,700 persons) and 9.1 per cent of women (3,300 persons).

Level of education distribution of persons who were employed at the end of 2011 and unemployed at the end of 2012 by sex (%)



Unemployment risk for young highly educated women higher than for men

For employed men and women, the risk of unemployment was highest in the age group 18 to 29 and lowest in the age group 30 to 49. Employed persons who had not completed post-basic level education were more likely to become unemployed in the youngest age group (7.0 % of those aged 18 to 29) than those in the oldest age group (5.1 % of those aged 50 to 64). Among the highest educated women, the risk of unemployment was lowest for those aged 50 to 64 (1.6 %), while for the highest educated men the risk was lowest for those aged 18 to 29 (1.6 %). For employed men with at least higher-degree level tertiary degree, the risk was highest for persons in the 30 to 49 age group (2.1 %) and for women in the age group 18 to 29 (2.7 %).

The risk of unemployment for employed men was higher than for women in nearly all age and education level groups. The exception was those aged 30 to 49 without post-basic level education. The risk was 0.1 percentage points higher for women. The risk for women was also higher among young employed persons with at least higher-degree level tertiary degree: of men aged 18 to 29 with at least higher-degree level tertiary education, 1.6 per cent became unemployed and of women in the same group 2.7 per cent. A similar difference was also visible for the entire population aged 18 to 64; the unemployment risk of young highly educated women was 4.5 per cent while it was 3.0 per cent for young men.

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Appendix tables

Appendix table 1. Risk of unemployment for population aged 18 to 64 at the end of 2012 according to the main type of activity in the previous year (%)

Main type of activity 2011	Total	Men	Women
Employed	3,8	4,4	3,1
Unemployed	54,3	57,5	49,9
Students, pupils	10,3	11,7	9,0
Pensioners	0,4	0,4	0,4
Conscripts, persons in non-military service	10,0	10,1	4,1
Other persons outside the labour force	13,8	15,8	12,3
Total (%)	8,3	9,6	6,9
Total (N)	3 339 861	1 688 325	1 651 536

Appendix table 2. Population aged 18 to 64 at the end of 2011 by level of education, age and sex

Age	Level of education	Total	Men	Women
18–29	No post-basic level education or unknown	210 916	117 835	93 081
	Upper secondary level education	476 937	254 187	222 750
	Lowest level tertiary education	716	312	404
	Lower-degree level tertiary education	92 014	31 530	60 484
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	32 718	12 801	19 917
	All levels of education	813 301	416 665	396 636
30–49	No post-basic level education or unknown	198 091	126 167	71 924
	Upper secondary level education	592 261	334 566	257 695
	Lowest level tertiary education	180 134	65 300	114 834
	Lower-degree level tertiary education	196 709	85 268	111 441
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	208 720	90 658	118 062
	All levels of education	1 375 915	701 959	673 956
50–64	No post-basic level education or unknown	291 394	156 903	134 491
	Upper secondary level education	486 581	245 198	241 383
	Lowest level tertiary education	192 378	74 140	118 238
	Lower-degree level tertiary education	77 153	41 472	35 681
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	103 139	51 988	51 151
	All levels of education	1 150 645	569 701	580 944
Total	All levels of education	3 339 861	1 688 325	1 651 536

Appendix table 3. Risk of unemployment for population aged 18 to 64 at the end of 2012 according to the level of education, age and sex in the previous year (%)

Age	Level of education	Total	Men	Women
18–29	No post-basic level education or unknown	12,5	14,3	10,1
	Upper secondary level education	7,6	9,2	5,8
	Lowest level tertiary education	13,5	16,0	11,6
	Lower-degree level tertiary education	4,4	5,4	3,9
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	3,9	3,0	4,5
	All levels of education	8,3	10,2	6,4
30–49	No post-basic level education or unknown	15,0	15,2	14,8
	Upper secondary level education	9,1	9,9	7,9
	Lowest level tertiary education	4,6	5,3	4,2
	Lower-degree level tertiary education	4,4	4,9	4,1
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	3,9	4,0	3,9
	All levels of education	7,9	9,0	6,7
50–64	No post-basic level education or unknown	10,4	10,6	10,1
	Upper secondary level education	10,0	11,6	8,3
	Lowest level tertiary education	6,0	7,6	4,9
	Lower-degree level tertiary education	6,1	6,6	5,4
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	4,4	4,9	4,0
	All levels of education	8,7	9,8	7,5
Total (%)	All levels of education	8,3	9,6	6,9

Appendix table 4. Employed persons at the end of 2011 by level of education, age and sex

Age	Level of education	Total	Men	Women
18–29	No post-basic level education or unknown	78 373	45 794	32 579
	Upper secondary level education	305 919	159 654	146 265
	Lowest level tertiary education	391	201	190
	Lower-degree level tertiary education	74 967	25 843	49 124
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	28 068	11 382	16 686
	All levels of education	487 718	242 874	244 844
30–49	No post-basic level education or unknown	117 811	79 518	38 293
	Upper secondary level education	475 874	273 622	202 252
	Lowest level tertiary education	161 668	59 188	102 480
	Lower-degree level tertiary education	175 576	77 674	97 902
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	189 155	83 654	105 501
	All levels of education	1 120 084	573 656	546 428
50–64	No post-basic level education or unknown	135 033	74 659	60 374
	Upper secondary level education	306 048	148 734	157 314
	Lowest level tertiary education	142 738	52 344	90 394
	Lower-degree level tertiary education	57 662	30 659	27 003
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	84 857	42 051	42 806
	All levels of education	726 338	348 447	377 891
Total	All levels of education	2 334 140	1 164 977	1 169 163

Appendix table 5. Risk of unemployment for employed persons at the end of 2012 according to the level of education, age and sex in the previous year (%)

Age	Level of education	Total	Men	Women
18–29	No post-basic level education or unknown	7,0	8,0	5,7
	Upper secondary level education	4,5	5,4	3,5
	Lowest level tertiary education	5,9	6,5	5,3
	Lower-degree level tertiary education	2,7	2,7	2,6
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	2,3	1,6	2,7
	All levels of education	4,5	5,4	3,6
30–49	No post-basic level education or unknown	6,3	6,3	6,4
	Upper secondary level education	4,1	4,5	3,7
	Lowest level tertiary education	2,2	2,5	2,0
	Lower-degree level tertiary education	2,3	2,6	2,2
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	2,1	2,1	2,1
	All levels of education	3,5	3,9	3,0
50–64	No post-basic level education or unknown	5,1	5,2	4,9
	Upper secondary level education	4,5	5,5	3,6
	Lowest level tertiary education	2,4	3,2	2,0
	Lower-degree level tertiary education	2,5	2,8	2,3
	Higher-degree level tertiary education / doctorate or equivalent level tertiary education	1,8	1,9	1,6
	All levels of education	3,7	4,4	3,1
Total (%)	All levels of education	3,8	4,4	3,1

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Source: Employment Statistics, Statistics Finland