

**Table 10a.1.** Percentages of respondents who have studied languages (question 10) by gender.

Have studied languages	Gender			p
	Total respondents	Male	Female	
	n=1495	n=745	n=750	
	%	%	%	
Yes	90.0	86.5	92.9	< 0.001
No	10.0	13.5	7.1	

**Table 10a.2.** Percentages of respondents who have studied languages (question 10) by age group.

Have studied languages	Age					p
	Total respondents	15–24	25–44	45–64	65–79	
	n=1495	n=233	n=519	n=566	n=178	
	%	%	%	%	%	
Yes	90.0	99.5	98.0	84.3	70.2	< 0.001
No	10.0	0.5	2.0	15.7	29.8	

**Table 10a.3.** Percentages of respondents who have studied languages (question 10) by residential area. 1: city with over 50 000 inhabitants, 2: town with less than 50 000 inhabitants, 3: rural centre, 4: countryside.

Have studied languages	Area				p	
	Total respondents	1	2	3		4
	n=1495	n=640	n=321	n=254		n=280
	%	%	%	%	%	
Yes	90.0	94.0	90.8	87.1	81.3	<0.001
No	10.0	6.0	9.2	12.9	18.7	

**Table 10a.4.** Percentages of respondents who have studied languages (question 10) by education. 1: Primary school (grades 1-6 in the Finnish system), 2: Lower secondary school (grades 7-9/10 in the Finnish system), 3: Upper secondary school, upper secondary school graduate or vocational education graduate, 4: Polytechnic degree, 5: University degree.

	Total respondents n=1495	Education					p
		1	2	3	4	5	
		n=167	n=250	n=680	n=148	n=226	
Have studied languages	%	%	%	%	%	%	
Yes	90.0	51.5	85.0	96.0	99.2	100	< 0.001
No	10.0	48.5	15.0	4.0	0.8	0	

**Table 10a.5.** Percentages of respondents who have studied languages (question 10) by occupation. 1: Managers, 2: Experts, 3: Office and customer service workers, 4: Healthcare workers, 5: Manual workers.

	Total respondents n=1495	Occupation					p
		1	2	3	4	5	
		n=77	n=403	n=344	n=88	n=401	
Have studied languages	%	%	%	%	%	%	
Yes	90.0	96.1	97.9	92.3	87.9	77.3	< 0.001
No	10.0	3.9	2.1	7.7	12.1	22.7	

**Table 10b.1.** Percentages of respondents who have studied languages (question 10) by context and gender.

Context	Respondents who have studied languages n=1342 %	Gender		p
		Male	Female	
		n=644 %	n=698 %	
Before school	8.4	8.8	8.0	0.580
Compulsory education	36.8	86.7	86.8	0.950
Upper secondary school	51.5	43.6	58.8	< 0.001
Vocational education	40.5	38.2	42.6	0.099
Polytechnic	11.1	11.5	10.8	0.663
University	18.2	17.7	18.6	0.642
Adult education courses	21.8	11.8	31.1	< 0.001
Folk high school	3.0	1.0	4.8	< 0.001
Courses provided by employer	14.0	13.9	14.2	0.851
Language courses abroad	9.8	6.8	12.6	< 0.001
Self-study	27.0	28.4	25.7	0.263

**Table 10b.2.** Percentages of respondents who have studied languages (question 10) by context and age group

Context	Respondents who have studied languages n=1342 %	Age				p
		15–24	25–44	45–64	65–79	
		n=231 %	n=508 %	n=477 %	n=125 %	
Before school	8.4	12.6	10.1	5.4	4.7	0.002
Compulsory education	86.8	100	97.8	79.4	45.7	< 0.001
Upper secondary school	51.5	61.5	60.7	43.3	27.1	< 0.001
Vocational education	40.5	28.6	52.6	38.8	19.7	< 0.001
Polytechnic	11.1	11.1	17.5	6.1	4.2	< 0.001
University	18.2	14.1	26.8	13.6	8.0	< 0.001
Adult education courses	21.8	4.8	16.0	34.0	30.7	< 0.001
Folk high school	3.0	1.5	3.3	3.0	4.0	0.479
Courses provided by employer	14.0	0	15.3	20.3	11.3	< 0.001
Language courses abroad	9.8	7.2	10.8	10.4	8.4	0.430
Self-study	27.0	24.6	26.8	28.0	28.3	0.789

**Table 10b.3.** Percentages of respondents who have studied languages (question 10) by context and residential area  
1: city with over 50 000 inhabitants, 2: town with less than 50 000 inhabitants, 3: rural centre, 4: countryside.

Context	Respondents who have studied languages n=1342 %	Area				p
		1	2	3	4	
		n=601 %	n=292 %	n=221 %	n=227 %	
Before school	8.4	10.8	8.0	6.3	4.2	0.011
Compulsory education	86.8	91.1	87.4	83.7	77.6	< 0.001
Upper secondary school	51.5	65.1	44.7	45.4	30.4	< 0.001
Vocational education	40.5	32.9	50.6	44.8	43.3	< 0.001
Polytechnic	11.1	15.0	7.8	11.1	5.1	< 0.001
University	18.2	27.7	12.9	10.2	7.4	< 0.001
Adult education courses	21.8	26.4	21.9	15.9	15.3	< 0.001
Folk high school	3.0	2.8	4.7	0.9	3.0	0.099
Courses provided by employer	14.0	16.2	14.9	12.8	8.6	0.039
Language courses abroad	9.8	13.8	8.3	7.0	4.2	< 0.001
Self-study	27.0	32.6	25.2	23.5	17.8	< 0.001

**Table 10b.4.** Percentages of respondents who have studied languages (question 10) by context and education  
1: Primary school (grades 1-6 in the Finnish system), 2: Lower secondary school (grades 7-9/10 in the Finnish system), 3: Upper secondary school, upper secondary school graduate or vocational education graduate, 4: Polytechnic degree, 5: University degree.

Context	Respondents who have studied languages n=1342 %	Education					p
		1	2	3	4	5	
		n=86 %	n=212 %	n=653 %	n=147 %	n=226 %	
Before school	8.4	2.8	13.1	6.9	7.5	11.4	0.006
Compulsory education	86.8	38.0	86.8	90.3	90.2	96.3	< 0.001
Upper secondary school	51.5	0	32.6	47.4	66.6	92.9	< 0.001
Vocational education	40.5	4.2	21.1	60.8	51.1	9.6	< 0.001
Polytechnic	11.1	0	0.2	5.8	65.0	5.8	< 0.001
University	18.2	0	0.2	8.7	4.0	79.5	< 0.001
Adult education courses	21.8	14.5	12.6	22.9	25.6	29.1	< 0.001
Folk high school	3.0	1.4	1.1	3.0	4.0	4.4	0.221
Courses provided by employer	14.0	2.1	4.8	12.8	27.4	22.1	< 0.001
Language courses abroad	9.8	0	3.7	6.6	16.0	25.3	< 0.001
Self-study	27.0	15.6	23.7	24.0	33.1	41.0	< 0.001

**Table 10b.5.** Percentages of respondents who have studied languages (question 10) by context and occupation  
 1: Managers, 2: Experts, 3: Office and customer service workers, 4: Healthcare workers, 5: Manual workers.

Context	Respondents who have studied languages n=1342 %	Occupation					p
		1	2	3	4	5	
		n=74 %	n=395 %	n=317 %	n=77 %	n=310 %	
Before school	8.4	12.7	9.9	6.7	12.1	5.3	0.049
Compulsory education	86.8	87.1	92.2	86.5	90.1	78.8	< 0.001
Upper secondary school	51.5	68.8	76.7	48.6	34.7	23.9	< 0.001
Vocational education	40.5	32.6	33.1	55.7	68.2	40.2	< 0.001
Polytechnic	11.1	18.0	19.3	10.2	6.5	5.4	< 0.001
University	18.2	36.8	38.8	10.1	3.1	4.6	< 0.001
Adult education courses	21.8	23.7	30.9	27.7	27.4	10.6	< 0.001
Folk high school	3.0	1.9	5.6	2.2	3.5	0.1	< 0.001
Courses provided by employer	14.0	34.3	23.8	15.6	2.0	4.5	< 0.001
Language courses abroad	9.8	16.5	18.6	8.9	5.3	1.6	< 0.001
Self-study	27.0	32.6	37.8	26.2	18.0	19.5	< 0.001

**Table 10b.6.** Percentages of respondents who have studied languages (question 10) by contexts

Context	English	French	German	Russian	Spanish	Italian	Swedish	Finnish	Other
Before school (n=112)	43.4	1.7	5.5	6.4	0	0	33.8	28.4	6.2
Compulsory education (n=1164)	90.5	8.7	32.8	4.0	0.9	0.4	87.6	12.5	1.0
Upper secondary school (n=691)	94.5	21.2	59.1	9.2	3.9	1.8	87.6	11.4	3.1
Vocational education (n=543)	90.4	4.8	11.7	2.7	0.8	0.9	70.1	9.8	0.9
Polytechnic (n=149)	89.0	8.7	28.4	4.9	7.7	3.8	80.6	6.4	3.3
University (n=244)	76.6	25.6	30.4	11.2	12.7	2.5	65.7	6.3	12.4
Adult education courses (n=293)	42.5	13.8	11.9	18.2	20.6	12.7	14.6	2.2	10.1
Folk high school (n=40)	62.4	9.9	5.3	7.3	18.5	2.8	25.2	17.4	22.0
Courses provided by employer (n=188)	67.0	4.2	10.8	9.2	0.6	0	23.3	2.2	2.0
Language courses abroad (n=132)	55.4	9.9	15.9	3.6	8.3	3.3	13.1	0.8	8.0
Self-study (n=363)	58.2	9.9	11.7	11.0	14.3	9.6	22.1	4.5	14.2

Percentages were calculated from those respondents who had studied within a particular context.

**Table 10b.7.** Percentages of respondents who have studied English (question 10) by context and gender

Context	Respondents who have studied languages n=1342 %	Gender		p
		Male n=644 %	Female n=697 %	
		Before school (n=49)	3.6	
Compulsory education (n=1054)	78.6	80.7	76.6	0.067
Upper secondary school (n=653)	48.7	42.1	54.7	< 0.001
Vocational education (n=491)	36.6	36.0	37.2	0.655
Polytechnic (n=133)	9.9	10.2	9.6	0.695
University (n=187)	13.9	13.7	14.1	0.852
Adult education courses (n=124)	9.3	5.1	13.1	< 0.001
Folk high school (n=25)	1.8	0.7	2.9	0.003
Courses provided by employer (n=126)	9.4	9.8	9.0	0.615
Language courses abroad (n=73)	5.4	3.5	7.2	0.003
Self-study (n=211)	15.7	18.8	12.8	0.003

Percentages were calculated from those respondents who have studied languages

**Table 10b.8.** Percentages of respondents who have studied English (question 10) by context and age group.

Context	Respondents who have studied languages n=1342 %	Age				p
		15–24 n=231 %	25–44 n=508 %	45–64 n=477 %	65–79 n=125 %	
		Before school (n=49)	3.6	9.9	3.9	
Compulsory education (n=1054)	78.6	99.7	96.6	62.9	25.6	< 0.001
Upper secondary school (n=653)	48.7	60.1	57.2	40.2	25.2	< 0.001
Vocational education (n=491)	36.6	28.6	49.7	32.6	13.1	< 0.001
Polytechnic (n=133)	9.9	10.2	15.6	5.3	3.6	< 0.001
University (n=187)	13.9	11.4	21.7	9.0	5.6	< 0.001
Adult education courses (n=124)	9.3	0.8	2.4	17.8	20.3	< 0.001
Folk high school (n=25)	1.8	0.8	2.1	1.7	3.1	0.464
Courses provided by employer (n=126)	9.4	0	10.6	13.2	7.6	< 0.001
Language courses abroad (n=73)	5.4	4.2	5.7	5.5	6.2	0.803
Self-study (n=211)	15.7	13.2	14.8	16.9	19.7	0.334

Percentages were calculated from those respondents who have studied languages

**Table 10b.9.** Percentages of respondents who have studied English (question 10) by context and residential area  
1: city with over 50 000 inhabitants, 2: town with less than 50 000 inhabitants, 3: rural centre, 4: countryside.

Context	Area					p
	Respondents who have studied languages	1	2	3	4	
	n=1342 %	n=601 %	n=292 %	n=221 %	n=227 %	
Before school (n=49)	3.6	4.8	4.3	2.8	0.6	0.026
Compulsory education (n=1054)	78.6	82.2	78.3	78.7	69.2	< 0.001
Upper secondary school (n=653)	48.7	60.8	43.6	42.4	29.3	< 0.001
Vocational education (n=491)	36.6	30.1	44.9	40.1	39.8	< 0.001
Polytechnic (n=133)	9.9	13.4	7.4	9.2	4.5	< 0.001
University (n=187)	13.9	20.3	10.9	9.4	5.4	< 0.001
Adult education courses (n=124)	9.3	9.8	9.0	7.3	10.0	0.689
Folk high school (n=25)	1.8	1.6	2.8	0.9	2.1	0.433 <sup>a</sup>
Courses provided by employer (n=126)	9.4	10.7	8.7	11.2	5.1	0.064
Language courses abroad (n=73)	5.4	7.9	4.8	3.4	1.9	0.002
Self-study (n=211)	15.7	19.3	14.3	11.5	12.1	0.009

Percentages were calculated from those respondents who have studied languages

**Table 10b.10.** Percentages of respondents who have studied languages (question 10) by context and education.  
1: Primary school (grades 1-6 in the Finnish system), 2: Lower secondary school (grades 7-9/10 in the Finnish system),  
3: Upper secondary school, upper secondary school graduate or vocational education graduate, 4: Polytechnic degree, 5:  
University degree.

Context	Education					p	
	Respondents who have studied languages	1	2	3	4		5
	n=1342 %	n=86 %	n=212 %	n=653 %	n=147 %		n=226 %
Before school (n=49)	3.6	0.8	9.2	2.4	1.3	4.9	< 0.001
Compulsory education (n=1054)	78.6	30.7	78.6	83.5	79.2	87.3	< 0.001
Upper secondary school (n=653)	48.7	0	31.0	44.8	66.1	85.3	< 0.001
Vocational education (n=491)	36.6	2.5	19.2	54.7	48.8	8.4	< 0.001
Polytechnic (n=133)	9.9	0	0.2	5.4	58.9	3.7	< 0.001
University (n=187)	13.9	0	0	6.8	2.5	60.8	< 0.001
Adult education courses (n=124)	9.3	11.6	9.5	9.7	10.5	6.6	0.600
Folk high school (n=25)	1.8	1.4	0.9	1.8	2.5	2.4	0.732 <sup>a</sup>
Courses provided by employer (n=126)	9.4	0.4	3.0	10.1	16.9	12.9	< 0.001
Language courses abroad (n=73)	5.4	0	2.6	3.7	11.6	11.6	< 0.001
Self-study (n=211)	15.7	9.1	15.8	14.0	19.5	21.3	0.026

Percentages were calculated from those respondents who have studied languages

<sup>a</sup>Over 20 % of expected frequencies fall below five.



**Table 10b.11.** Percentages of respondents who have studied English (question 10) by context and occupation  
1: Managers, 2: Experts, 3: Office and customer service workers, 4: Healthcare workers, 5: Manual workers.

Context	Respondents who have studied languages n=1342 %	Occupation					p
		1	2	3	4	5	
		n=74 %	n=395 %	n=317 %	n=77 %	n=310 %	
Before school (n=49)	3.6	1.5	3.3	3.2	0	3.7	0.460
Compulsory education (n=1054)	78.6	74.0	82.6	76.8	84.7	72.0	0.007
Upper secondary school (n=653)	48.7	64.6	71.6	46.8	32.6	22.0	< 0.001
Vocational school (n=491)	36.6	28.1	28.8	52.2	53.8	37.8	< 0.001
Polytechnic (n=133)	9.9	16.1	16.9	8.6	6.5	5.4	< 0.001
University (n=187)	13.9	20.4	30.8	8.5	0	3.4	< 0.001
Adult education courses (n=124)	9.3	4.7	10.9	13.3	17.5	6.2	0.003
Folk high school (n=25)	1.8	1.9	2.6	1.7	3.5	0.1	0.098
Courses provided by employer (n=126)	9.4	23.6	14.6	11.7	1.5	3.1	< 0.001
Language courses abroad (n=73)	5.4	12.6	9.6	4.9	0.9	1.0	< 0.001
Self-study (n=211)	15.7	23.9	20.9	14.4	10.5	12.8	0.006

Percentages were calculated from those respondents who have studied languages