



METHODOLOGICAL DOCUMENT RELATED MAIN REVISION ON THE ADULT EDUCATION, 2016 NEWS RELEASE

Introduction

The purpose of producing adult education statistics is to demonstrate the participation of the population over age 18 in formal education, non-formal education and informal learning in the demographic components detail, and to present the reasons for not participating in education and the quality components of the education or training in which they participate. Thus, the calculation of the indicators based on national and international definitions and standards for this field country-wide will result in the producing comparable and consistent data for policy makers concerned. The Adult Education Survey is a survey created by Eurostat, the statistical institution of the European Union, and implemented in this framework across Europe. In Turkey, field application was carried out in 2007, 2012 and 2016 in accordance with Eurostat methodology and questionnaire. Data are compiled directly through face-to-face interviews with people 18 years of age and older (without proxy).

The results of the Adult Education Study were published for the first time with the reference year 2007 and second one was implemented in 2012 and published in 2013. Due to the changes in the Eurostat methodology and the problems identified in the retrospective analysis in the study carried out in 2016, the revision of the 2012 values was needed in 2016.

Reasons of the main revision

The scope and methodology changes on the results of Adult Education Survey for the revision made in 2016 are summarized below:

- In the Adult Education Survey, the number of non-formal education activities in which the individual participates is taken, and after listing all of these non-formal education activities, two of these activities are randomly selected by the program. More detailed inquiries are made on the qualifications of selected non-formal education activities; the values in the tables with non-formal education participation component are also calculated from the data collected from these two selected activities. In the 2007 and 2012 studies, the values to be used in the tables, which are the components of non-formal education participation, were expanded by using the individual/respondent factor. Following the 2016 study, it is proposed by Eurostat that a non-formal education factor be created and used for use on tables relating to non-formal education activities. The purpose of this amendment is to ensure that

the total figure reached by using the expansion coefficients for non-formal education activities leads to the total number of non-formal education activities that the people in the country participate in during the reference period (through the use of the individual factor, the total number of persons aged 18 years and over was reached by calculation; Eurostat felt it necessary to make such a change because it was thought that it created biases in the indicators. The non-formal education factor is calculated by using the individual factor. The 2012 values were recalculated in view of the fact that the generated non-formal education factor was shown to have an effect on the indicators and the calculated indications in 2016 were created in this frame, so that comparability was maintained and no fractures occurred.

- The Adult Education Survey questionnaire is a questionnaire created by Eurostat and is subject to some changes every implementation. The changes made in the questionnaire used in the field implementation of 2012 were ended, some options in some questions were removed and new options were added to their places. In addition, due to the use of the more recent version of the classifications used in the year 2012, there have also been changes in the groups in the participation to education and training according to occupational groups table (because of transition from ISCO 88 to ISCO 08). To maintain comparability according to the latest situation, changes have to be made in data groups.
- In the analysis covering the previous study, it was determined that the data labels were changed in the headings "Widowed" and "Divorced" in the tables where the "Marital status" breakdown occurred. Corrections have been made in the relevant tables.
- It was determined that there were miscalculations in the education level tables of the mother and father in relation to the levels below the high school level In the 2012 study and the corrected values were set.

The Length of the Main Revision

The revision process was carried out for the results of Adult Education Survey, 2012.

The Depth of the Main Revision

All of the tables on non-formal education participation have been revised for 2012. In addition, the widowed and divorced data labels were corrected on the tables where the marital status component was found. Occupation and cause groupings were revised according to the classification and option changes in the tables. Also the figures had been revised by correcting the miscalculation in the educational status of parents table.

Impacts of the Main Revision

The tables showing the effects of the revision made under the Adult Education Survey are presented below.

Participation in education and training by sex, age group, education attained and labour status-Population age 18 and over

(%)

	Participation in formal education-2012			Participation in non-formal education-2012			Participation in formal or non-formal education-2012			Participation in formal and non-formal education-2012		
	Old Values	New Values	Absolute Revision	Old Values	New Values	Absolute Revision	Old Values	New Values	Absolute Revision	Old Values	New Values	Absolute Revision
Total	8,4	8,3	-0,2	15,4	15,4	0,0	20,6	20,4	-0,2	3,3	3,3	0,0
Sex												
Male	10,0	9,8	-0,2	17,5	17,5	0,0	24,0	23,7	-0,2	3,6	3,6	0,0
Female	6,9	6,8	-0,1	13,4	13,4	0,0	17,3	17,2	-0,1	3,0	3,0	0,0
Age group												
18-24	35,0	33,9	-1,1	26,7	26,7	0,0	47,7	46,6	-1,1	14,1	14,1	0,0
25-34	9,6	9,6	0,0	20,9	20,9	0,0	27,0	26,9	0,0	3,5	3,5	0,0
35-54	2,0	2,0	0,0	14,4	14,4	0,0	15,6	15,6	0,0	0,8	0,8	0,0
55-64	0,2	0,2	0,0	5,4	5,4	0,0	5,6	5,6	0,0	0,0	0,0	0,0
65+	0,0	0,0	0,0	1,4	1,4	0,0	1,4	1,4	0,0	0,0	0,0	0,0
Education Attained												
Not completed school	0,7	0,7	0,0	3,3	3,3	0,0	3,9	3,9	0,0	0,1	0,1	0,0
Primary school	0,9	0,9	0,0	8,0	8,0	0,0	8,7	8,7	0,0	0,2	0,2	0,0
Primary education and junior	12,9	12,4	-0,5	14,4	14,4	0,0	23,6	23,2	-0,4	3,7	3,6	-0,1
General high school	24,7	24,7	0,0	26,2	26,2	0,0	40,9	40,9	0,0	10,1	10,1	0,0
Vocational or technical high school	17,9	17,9	0,0	26,6	26,6	0,0	36,9	36,9	0,0	7,7	7,7	0,0
Higher education	16,3	16,3	0,0	40,0	40,0	0,0	48,4	48,4	0,0	7,8	7,9	0,1
Labour Status												
Employed	7,7	7,7	0,0	21,1	21,1	0,0	26,0	26,0	0,0	2,9	2,9	0,0
Unemployed	13,1	13,1	0,0	19,2	19,2	0,0	26,6	26,6	0,0	5,8	5,8	0,0

Participation in education and training by occupation-Population age 18 and over

(%)

ISCO-88 codes	Participation in formal education-2012			Participation in non-formal education-2012			Participation in formal or non-formal education-2012			Participation in formal and non-formal education-2012		
	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute
	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision
Total	8,4	8,3	-0,2	15,4	15,4	0,0	20,6	20,4	-0,2	3,3	3,3	0,0
1, 2, 3 High skilled white collar	12,4	12,5	0,1	38,1	37,4	-0,7	44,8	44,1	-0,7	5,7	5,7	0,0
4, 5 Low skilled white collar	12,5	12,5	-0,1	21,6	21,5	-0,1	29,7	29,7	0,0	4,4	4,3	-0,1
6, 7 High skilled blue collar	2,8	2,8	0,0	11,5	11,4	-0,1	13,6	13,5	-0,1	0,8	0,8	0,0
8, 9 Low skilled blue collar	4,5	4,4	0,0	14,3	14,6	0,2	17,6	17,9	0,2	1,2	1,1	0,0

Participation in non-formal education by sex, age group and fields of education activities-Population age 18 and over

(%)

2012	General programmes			Education			Humanities and arts			Social sciences, business and law			Science, mathematics and computing			Engineering, manufacturing and construction			Agriculture and veterinary			Health and welfare			Services			
	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	
	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	
Total	47,1	18,8	-28,4	8,5	9,0	0,5	7,3	12,0	4,7	7,5	15,8	8,3	5,0	9,8	4,8	5,3	7,8	2,6	2,2	1,9	-0,3	10,6	8,5	-2,1	6,4	16,3	10,0	
Sex																												
Male	45,7	11,5	-34,2	8,8	7,0	-1,8	6,1	9,1	3,0	9,7	19,0	9,3	6,5	12,0	5,5	6,9	10,8	3,9	3,7	3,1	-0,6	5,6	7,4	1,8	7,0	20,1	13,1	
Female	48,8	28,3	-20,5	8,2	11,6	3,4	8,6	15,8	7,2	5,0	11,6	6,5	3,4	6,9	3,5	3,4	3,9	0,5	0,5	0,4	-0,1	16,3	9,9	-6,4	5,7	11,4	5,7	
Age group																												
18-24	56,3	31,5	-24,8	8,0	6,7	-1,3	7,5	15,3	7,9	5,5	9,0	3,5	5,6	10,2	4,6	4,6	6,8	2,3	0,9	0,3	-0,6	5,6	2,9	-2,6	6,1	17,2	11,1	
25-34	44,1	12,7	-31,4	9,7	9,0	-0,7	6,1	10,5	4,4	9,7	19,7	10,0	5,7	11,2	5,5	6,0	8,3	2,3	1,4	1,6	0,2	11,1	11,4	0,3	6,4	15,7	9,3	
35-54	45,0	13,5	-31,5	7,6	10,7	3,1	7,3	11,0	3,7	7,5	17,3	9,8	4,5	8,8	4,3	5,5	8,2	2,8	3,3	2,9	-0,4	12,1	9,9	-2,2	7,1	17,6	10,5	
55-64	43,1	38,2	-4,9	9,0	7,6	-1,4	10,5	12,5	2,0	4,5	10,8	6,3	3,7	6,6	2,9	3,5	6,4	2,9	5,2	5,0	-0,3	15,9	5,5	-10,3	4,7	7,4	2,7	
65+	38,6	39,6	1,0	10,6	5,5	-5,1	14,4	17,9	3,5	3,5	8,4	4,9	1,6	1,8	0,2	3,6	9,3	5,7	4,7	9,2	4,5	20,9	3,3	-17,6	2,0	5,1	3,0	

Participation in non-formal education by sex, age group and education providers-Population age 18 and over

(%)

	Formal education and training institutions			Non-formal education and training institutions			Non commercial institutions where training is not the main activity			Employer			Employers' organisations, chamber of commerce			Trade unions			Non-profit associations, cultural, political associations			Individuals			Commercial institutions where training is not the main activity		
	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute
	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision
2012																											
Total	10,4	10,2	-0,2	42,3	45,6	3,3	3,8	3,4	-0,4	26,0	25,8	-0,1	2,5	2,2	-0,2	0,3	0,5	0,2	4,2	4,1	-0,1	4,2	3,7	-0,5	6,3	4,4	-1,9
Sex																											
Male	9,2	9,0	-0,2	34,6	38,5	4,0	4,7	4,2	-0,5	34,4	34,3	-0,2	3,5	3,0	-0,4	0,4	0,6	0,2	3,0	3,0	-0,1	3,6	3,0	-0,5	6,6	4,5	-2,2
Female	12,0	11,9	-0,2	52,6	55,0	2,4	2,5	2,3	-0,2	14,7	14,7	-0,1	1,2	1,2	0,0	0,1	0,3	0,2	5,8	5,7	-0,2	5,0	4,6	-0,4	5,9	4,3	-1,6
Age group																											
18-24	12,0	11,8	-0,2	64,3	66,0	1,7	3,1	2,9	-0,2	10,3	9,9	-0,4	0,6	0,6	0,0	0,3	0,3	0,1	2,5	2,5	0,0	5,0	4,7	-0,3	2,0	1,2	-0,8
25-34	11,2	11,2	0,0	35,3	38,4	3,1	4,7	3,8	-0,9	33,8	33,8	0,1	2,6	2,3	-0,3	0,2	0,4	0,2	2,9	2,8	-0,2	4,0	3,5	-0,4	5,4	3,8	-1,5
35-54	9,2	8,8	-0,3	33,3	37,7	4,4	3,6	3,4	-0,2	31,4	31,2	-0,2	3,5	3,2	-0,3	0,4	0,7	0,3	5,7	5,6	-0,1	3,8	3,1	-0,7	9,1	6,2	-2,9
55-64	6,3	5,2	-1,1	53,6	56,6	3,0	1,5	2,3	0,8	8,4	8,6	0,2	3,4	2,9	-0,5	0,0	0,0	0,0	8,6	8,2	-0,3	4,4	4,3	-0,1	13,8	11,9	-1,9
65+	4,6	4,6	0,1	32,2	42,9	10,7	3,8	3,9	0,1	5,0	3,3	-1,6	6,9	4,8	-2,1	0,0	1,7	1,7	24,8	24,2	-0,6	5,3	4,4	-0,9	17,5	10,1	-7,4

Participation in job related non-formal education and training-Population age 18 and over

(%)

Labour status	Total-2012			Job related participation-2012			Non-job related participation-2012		
	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute
	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision
Total	15,5	15,4	0,0	8,9	8,7	-0,2	6,5	6,7	0,2
Employed	21,1	21,1	0,0	16,9	16,9	0,0	4,2	4,3	0,0
Unemployed	18,5	18,5	0,0	10,0	8,3	-1,7	8,5	10,2	1,7
Student	40,2	40,2	0,0	13,9	11,9	-2,0	26,3	28,3	2,0
Retired	4,1	4,1	0,0	0,7	1,1	0,3	3,3	3,0	-0,3
Permanently disabled	1,9	1,9	0,0	0,6	0,4	-0,2	1,3	1,5	0,2
Fulfilling domestic tasks	8,5	8,5	0,0	0,8	0,8	0,0	7,7	7,7	0,0
Other	12,4	12,4	0,0	4,3	4,3	0,0	8,1	8,2	0,0

Participation in non-formal education and training by sex, age group and detailed reasons-Population age 18 and over

(%)

	To do job better and improve carrier prospects			To be less likely to lose job			To increase possibilities of getting a job or changing a job/profession			To start own business			To be obliged to participate			To get knowledge/skills useful in everyday life			To increase knowledge/skills on an interesting subject			To obtain certificate			To meet new people or just for fun			
	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	Old	New	Absolute	
	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	Values	Values	Revision	
Total	61,0	48,2	-12,9	5,1	4,0	-1,1	16,6	13,1	-3,6	3,3	2,6	-0,7	24,3	19,2	-5,1	37,9	26,9	-11,0	33,9	26,4	-7,5	27,5	21,7	-5,8	7,1	5,6	-1,5	
Sex																												
Male	77,6	59,9	-17,7	7,0	5,4	-1,6	16,9	13,0	-3,9	3,7	2,9	-0,8	32,1	24,8	-7,2	30,2	21,1	-9,1	25,0	19,0	-6,0	31,0	24,0	-7,0	5,0	3,8	-1,1	
Female	40,2	32,7	-7,5	2,7	2,2	-0,5	16,4	13,3	-3,1	2,8	2,2	-0,5	14,4	11,7	-2,7	47,7	34,7	-13,1	45,1	36,3	-8,8	23,1	18,7	-4,3	9,7	7,9	-1,8	
Age group																												
18-24	45,2	37,9	-7,3	3,5	2,9	-0,6	33,0	27,5	-5,5	5,2	4,4	-0,8	11,9	10,0	-1,9	41,6	28,8	-12,8	6,9	24,6	17,7	30,2	25,3	-4,9	6,8	5,7	-1,1	
25-34	73,6	55,9	-17,7	6,5	4,9	-1,6	17,3	13,1	-4,2	3,1	2,3	-0,7	29,1	22,1	-7,0	32,3	22,7	-9,6	29,2	21,9	-7,3	31,1	23,6	-7,5	6,3	4,8	-1,5	
35-54	65,0	50,5	-14,6	5,3	4,1	-1,2	6,2	4,8	-1,4	2,5	2,0	-0,6	30,9	24,0	-6,8	40,4	29,1	-11,3	37,9	29,3	-8,6	23,8	18,5	-5,3	7,4	5,8	-1,6	
55-64	32,3	27,1	-5,2	2,2	1,9	-0,3	2,6	2,2	-0,4	0,7	0,6	-0,1	10,6	9,0	-1,6	38,5	31,1	-7,5	57,6	48,0	-9,6	17,4	14,8	-2,6	10,2	8,7	-1,5	
65+	25,8	23,5	-2,3	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,4	4,0	-0,4	39,8	33,7	-6,0	57,7	52,6	-5,1	7,0	5,3	-1,7	12,6	11,4	-1,1	