Afghanistan, United Arab Emirates, Argentina, Australia, Austria, Belgium, Benin, Bahrain, Bolivia, - Educational Attainment Data 1960-1985

Robert J. Barro and Jong-Wha Lee

Report generated on: August 26, 2021

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Overview

Identification

ID NUMBER
WLD_1960-1985_EAD_v01_M

Version

VERSION DESCRIPTION
Dataset used for Barro, Robert J. and Jong-Wha Lee, "International Comaprisons of Educational Attainment", NBER Working Paper No. W4349, 1993.

The original dataset has two plain ASCII (text) files: SCHOOL1.RAW, which contains data on schooling of the total population, and SCHOOL2.RAW, which contains the same data for the male and female population. Each file has 664 records (lines) of data, of which each line represents one country in one year. All 108 countries have 6 lines of data (108 x 6 = 648) and the remaining seven countries have 18 records in total. The seven countries, which have incomplete time series data on schooling, are Seychelles (Summers-Heston code 35), Dominica (52), St. Lucia (63), St. Vincent (64), Solomon Islands (135), Vanuatu (137), and Western Samoa (138).

PRODUCTION DATE
1993

NOTES

Overview

ABSTRACT
Many theories of economic growth stress the role of human capital in the form of education, but empirical studies have been hampered by inadequate data. The authors describe a data set on educational attainment for 120 countries over five- year periods from 1960 to 1985. Census and survey figures fill over 40% of the cells, and the remainder are estimated from school-enrollment data by a perpetual- inventory method. The data refer to male and female attainment of the adult population at four levels: no schooling, primary, secondary, and higher. They also provide a rough breakdown into incomplete and complete attainment at the three levels of schooling.

KIND OF DATA
Aggregate data [agg]

UNITS OF ANALYSIS

Scope

NOTES
The file contains the data set on educational attainment at various levels for the male and female population aged 25 and above. Out of the 129 countries constructed by Barro and Lee (1993), the data set includes 115 countries, which are in the sample countries of the Summers-Heston (1991) Mark 5. Data are presented, quinquennially, for the years 1960-1985.

Coverage

GEOGRAPHIC COVERAGE
The authors describe a data set on educational attainment for 120 countries over five- year periods from 1960 to 1985.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Robert J. Barro and Jong-Wha Lee	

OTHER PRODUCER(S)

Name	Affiliation	Role

DATE OF METADATA PRODUCTION
2010-11-03

DDI DOCUMENT VERSION
Version 01 (November 2010)

DDI DOCUMENT ID
DDI_WLD_1960-1985_EAD_v01_M

Robert J. Barro and Jong-Wha Lee

Sampling

Sampling Procedure

Deviations from Sample Design

Response Rate

Weighting

Questionnaires

Overview

Data Collection

Data Collection Dates

Start	End	Cycle
1960	1985	N/A

Time Periods

Start	End	Cycle
1960	1985	N/A

Data Collection Mode

Other [oth]

Data Collection Notes

Census and survey figures fill over 40% of the cells, and the remainder are estimated from school-enrollment data by a perpetual- inventory method. The data refer to male and female attainment of the adult population at four levels: no schooling, primary, secondary, and higher. They also provide a rough breakdown into incomplete and complete attainment at the three levels of schooling.

Questionnaires

Supervision

Data Processing

Data Editing

Other Processing

Data Appraisal

Estimates of Sampling Error
Other forms of Data Appraisal

File Description

Variable List

Content	Contains data on schooling of the total population
Cases	664
Variable(s)	14
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	ctrycode	Country code	discrete		
V2	ctryname	Country name	discrete		
V3	year	Year	contin		
V4	datasrc	Data source	discrete		
V5	pc_noschool	% of no schooling in the total pop.	contin		
V6	pc_primatt	% of primary schooling attained in the total pop.	contin		
V7	pc_primcomp	% of primary schooling complete in the total pop.	contin		
V8	pc_secatt	% of secondary schooling attained in the total pop.	contin		
V9	pc_seccomp	% of secondary schooling complete in the total pop.	contin		
V10	pc_highatt	% of higher schooling attained in the total pop.	contin		
V11	pc_highcomp	% of higher schooling complete in the total pop.	contin		
V12	yrssec	Average years of secondary schooling of the total pop.	contin		
V13	yrshigh	Average years of higher schooling of the total pop.	contin		
V14	yrsschool	Average years of total schooling of the total pop.	contin		

Content	Contains the same data for the male and female population	
Cases	664	
Variable(s)	23	
Structure	Type: Keys: ()	
Version		
Producer		
Missing Data		

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V15	ctrycode	Country code	contin		
V16	year	Year	contin		
V17	datasrc	Data source	discrete		
V18	pcm_noschool	% of no schooling in the total pop.	contin		
V19	pcm_primatt	% of primary schooling attained in the male pop.	contin		
V20	pcm_primcomp	% of primary schooling complete in the male pop.	contin		
V21	pcm_secatt	% of secondary schooling attained in the male pop.	contin		
V22	pcm_seccomp	% of secondary schooling complete in the male pop.	contin		
V23	pcm_highatt	% of higher schooling attained in the male pop.	contin		
V24	pcm_highcomp	% of higher schooling complete in the male pop.	contin		
V25	yrssecm	Average years of secondary schooling of the male pop.	contin		
V26	yrshighm	Average years of higher schooling of the male pop.	contin		
V27	yrsschoolm	Average years of total schooling of the male pop.	contin		
V28	pcf_noschool	% of no schooling in the total pop.	contin		
V29	pcf_primatt	% of primary schooling attained in the female pop.	contin		
V30	pcf_primcomp	% of primary schooling complete in the female pop.	contin		
V31	pcf_secatt	% of secondary schooling attained in the female pop.	contin		
V32	pcf_seccomp	% of secondary schooling complete in the female pop.	contin		
V33	pcf_highatt	% of higher schooling attained in the female pop.	contin		
V34	pcf_highcomp	% of higher schooling complete in the female pop.	contin		
V35	yrssecf	Average years of secondary schooling of the female pop.	contin		
V36	yrshighf	Average years of higher schooling of the female pop.	contin		
V37	yrsschoolf	Average years of total schooling of the female pop.	contin		

Afghanistan, United Arab Emirates, Argentina, Australia, Austria, Belgium, Benin, Bahrain, Bolivia, - Educational Attainment Data 1960-1985

Country code(ctrycode)
File: school1

Overview	
Type: Discrete	Valid cases: 664
Width: 3	Invalid: NaN
Source of information	

Country code

Country name(ctryname)
File: school1

Overview	
Type: Discrete	Valid cases: 664
Width: 15	Invalid: NaN
Source of information	

Country name

Year(year)
File: school1

Overview	
Type: Continuous	Valid cases: 664
Width: 2	Invalid: NaN
	Minimum: 60
	Maximum: 85
	Mean: 72.5
	Standard deviation: 8.5
Source of information	

Year

Data source(datasrc)
File: school1

Overview	
Type: Discrete	Valid cases: 664
Width: 1	Invalid: NaN
Source of information	

Data source

% of no schooling in the total pop.(pc_noschool)
File: school1

Overview	
Type: Continuous	Valid cases: 627
Width: 16	Invalid: 37
	Minimum: NaN
	Maximum: 99.6
	Mean: 39.3
	Standard deviation: 31.3
Source of information	

% of no schooling in the total pop.

% of primary schooling attained in the total pop.(pc_primatt)
File: school1

Overview	
Type: Continuous	Valid cases: 626
Width: 16	Invalid: 38
	Minimum: NaN
	Maximum: 91.1
	Mean: 41.2
	Standard deviation: 22.7

Source of information

% of primary schooling attained in the total pop.

% of primary schooling complete in the total pop.(pc_primcomp)
File: school1

Overview	
Type: Continuous	Valid cases: 626
Width: 16	Invalid: 38
	Minimum: NaN
	Maximum: 67.1
	Mean: 15.7
	Standard deviation: 12.7

Source of information

% of primary schooling complete in the total pop.

% of secondary schooling attained in the total pop.(pc_secatt)
File: school1

Overview	
Type: Continuous	Valid cases: 654
Width: 17	Invalid: 10
	Minimum: 0.1
	Maximum: 89.4
	Mean: 15
	Standard deviation: 14.8

Source of information

% of secondary schooling attained in the total pop.

% of secondary schooling complete in the total pop.(pc_seccomp)
File: school1

Overview	
Type: Continuous	Valid cases: 654
Width: 16	Invalid: 10
	Minimum: NaN
	Maximum: 49.1
	Mean: 6.2
	Standard deviation: 6.9

Source of information

% of secondary schooling complete in the total pop.

% of higher schooling attained in the total pop.(pc_highatt)
File: school1

Overview	
Type: Continuous Width: 16	Valid cases: 659 Invalid: 5 Minimum: NaN Maximum: 38.1 Mean: 3.8 Standard deviation: 5.2

Source of information

% of higher schooling attained in the total pop.

% of higher schooling complete in the total pop.(pc_highcomp)
File: school1

Overview	
Type: Continuous Width: 4	Valid cases: 659 Invalid: 5 Minimum: NaN Maximum: 19.5 Mean: 2.3 Standard deviation: 2.8

Source of information

% of higher schooling complete in the total pop.

Average years of secondary schooling of the total pop.(yrssec)
File: school1

Overview	
Type: Continuous Width: 19	Valid cases: 654 Invalid: 10 Minimum: 0 Maximum: 5.1 Mean: 0.9 Standard deviation: 0.9

Source of information

Average years of secondary schooling of the total pop.

Average years of higher schooling of the total pop.(yrshigh)
File: school1

Overview	
Type: Continuous Width: 16	Valid cases: 659 Invalid: 5 Minimum: NaN Maximum: 1 Mean: 0.1 Standard deviation: 0.2

Source of information

Average years of higher schooling of the total pop.

Average years of total schooling of the total pop.(yrsschool)
File: school1

Overview

Type: Continuous
Width: 18

Valid cases: 625
Invalid: 39
Minimum: 0
Maximum: 12.1
Mean: 4
Standard deviation: 2.8

Source of information

Average years of total schooling of the total pop.

Country code(ctrycode)
File: school2

Overview	

Type: Continuous
Width: 3

Valid cases: 664
Invalid: NaN
Minimum: 1
Maximum: 138
Mean: 74.3
Standard deviation: 37.4

Source of information	

Country code

Year(year)
File: school2

Overview	

Type: Continuous
Width: 2

Valid cases: 664
Invalid: NaN
Minimum: 60
Maximum: 85
Mean: 72.5
Standard deviation: 8.5

Source of information	

Year

Data source(datasrc)
File: school2

Overview	

Type: Discrete
Width: 1

Valid cases: 664
Invalid: NaN

Source of information	

Data source

% of no schooling in the total pop.(pcm_noschool)
File: school2

Overview	

Type: Continuous
Width: 16

Valid cases: 612
Invalid: 52
Minimum: NaN
Maximum: 99.3
Mean: 34.2
Standard deviation: 29

Source of information	

% of no schooling in the total pop.

% of primary schooling attained in the male pop.(pcm_primatt)
File: school2

Overview	

Type: Continuous
Width: 16

Valid cases: 612
Invalid: 52
Minimum: NaN
Maximum: 90.6
Mean: 43.5
Standard deviation: 21.3

Source of information

% of primary schooling attained in the male pop.

% of primary schooling complete in the male pop.(pcm_primcomp)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 612
Invalid: 52
Minimum: NaN
Maximum: 69.7
Mean: 17.6
Standard deviation: 12.6

Source of information

% of primary schooling complete in the male pop.

% of secondary schooling attained in the male pop.(pcm_secatt)
File: school2

Overview

Type: Continuous
Width: 18

Valid cases: 640
Invalid: 24
Minimum: 0.1
Maximum: 86.8
Mean: 16.6
Standard deviation: 14.7

Source of information

% of secondary schooling attained in the male pop.

% of secondary schooling complete in the male pop.(pcm_seccomp)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 640
Invalid: 24
Minimum: NaN
Maximum: 49.1
Mean: 6.7
Standard deviation: 7.2

Source of information

% of secondary schooling complete in the male pop.

% of higher schooling attained in the male pop.(pcm_highatt)
File: school2

Overview

Type: Continuous Width: 16	Valid cases: 645 Invalid: 19 Minimum: NaN Maximum: 41.1 Mean: 5 Standard deviation: 6

Source of information

% of higher schooling attained in the male pop.

% of higher schooling complete in the male pop.(pcm_highcomp)
File: school2

Overview

Type: Continuous Width: 16	Valid cases: 645 Invalid: 19 Minimum: NaN Maximum: 21.1 Mean: 3.2 Standard deviation: 3.5

Source of information

% of higher schooling complete in the male pop.

Average years of secondary schooling of the male pop.(yrssecm)
File: school2

Overview

Type: Continuous Width: 19	Valid cases: 640 Invalid: 24 Minimum: 0 Maximum: 5.1 Mean: 1 Standard deviation: 0.9

Source of information

Average years of secondary schooling of the male pop.

Average years of higher schooling of the male pop.(yrshighm)
File: school2

Overview

Type: Continuous Width: 15	Valid cases: 645 Invalid: 19 Minimum: NaN Maximum: 1.1 Mean: 0.2 Standard deviation: 0.2

Source of information

Average years of higher schooling of the male pop.

Average years of total schooling of the male pop.(yrsschoolm)
File: school2

Overview

Type: Continuous
Width: 18

Valid cases: 612
Invalid: 52
Minimum: 0.1
Maximum: 12.4
Mean: 4.5
Standard deviation: 2.7

Source of information

Average years of total schooling of the male pop.

% of no schooling in the total pop.(pcf_noschool)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 627
Invalid: 37
Minimum: NaN
Maximum: 99.9
Mean: 44.8
Standard deviation: 34.6

Source of information

% of no schooling in the total pop.

% of primary schooling attained in the female pop.(pcf_primatt)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 626
Invalid: 38
Minimum: NaN
Maximum: 93.9
Mean: 38.5
Standard deviation: 25.2

Source of information

% of primary schooling attained in the female pop.

% of primary schooling complete in the female pop.(pcf_primcomp)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 626
Invalid: 38
Minimum: NaN
Maximum: 66.3
Mean: 13.9
Standard deviation: 13.4

Source of information

% of primary schooling complete in the female pop.

% of secondary schooling attained in the female pop.(pcf_secatt)
File: school2

Overview

Type: Continuous	Valid cases: 654
Width: 16	Invalid: 10
	Minimum: NaN
	Maximum: 91.9
	Mean: 13.4
	Standard deviation: 15.3

Source of information

% of secondary schooling attained in the female pop.

% of secondary schooling complete in the female pop.(pcf_seccomp)
File: school2

Overview	
Type: Continuous	Valid cases: 654
Width: 16	Invalid: 10
	Minimum: NaN
	Maximum: 49.1
	Mean: 5.7
	Standard deviation: 7.1

Source of information

% of secondary schooling complete in the female pop.

% of higher schooling attained in the female pop.(pcf_highatt)
File: school2

Overview	
Type: Continuous	Valid cases: 659
Width: 16	Invalid: 5
	Minimum: NaN
	Maximum: 35.3
	Mean: 2.8
	Standard deviation: 4.7

Source of information

% of higher schooling attained in the female pop.

% of higher schooling complete in the female pop.(pcf_highcomp)
File: school2

Overview	
Type: Continuous	Valid cases: 659
Width: 16	Invalid: 5
	Minimum: NaN
	Maximum: 18.1
	Mean: 1.5
	Standard deviation: 2.2

Source of information

% of higher schooling complete in the female pop.

Average years of secondary schooling of the female pop.(yrssecf)
File: school2

Overview	

Type: Continuous
Width: 15

Valid cases: 654
Invalid: 10
Minimum: NaN
Maximum: 5.1
Mean: 0.7
Standard deviation: 0.9

Source of information

Average years of secondary schooling of the female pop.

Average years of higher schooling of the female pop.(yrshighf)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 659
Invalid: 5
Minimum: NaN
Maximum: 1
Mean: 0.1
Standard deviation: 0.1

Source of information

Average years of higher schooling of the female pop.

Average years of total schooling of the female pop.(yrsschoolf)
File: school2

Overview

Type: Continuous
Width: 16

Valid cases: 625
Invalid: 39
Minimum: NaN
Maximum: 11.9
Mean: 3.6
Standard deviation: 2.8

Source of information

Average years of total schooling of the female pop.

Documentation

Technical documents

Readme file (description of original dataset)

Title	Readme file (description of original dataset)
Author(s)	Robert J. Barro and Jong-Wha Lee
Date	1993-01-01
Country	World
Filename	README.txt

Readme file (description of original dataset)

Title	Readme file (description of original dataset)
Author(s)	Robert J. Barro and Jong-Wha Lee
Date	1993-01-01
Country	World
Filename	Educational_Attainment_DataDescription.pdf

Other materials

ASCII to Stata Conversion Program (Stata 10)

Title	ASCII to Stata Conversion Program (Stata 10)
Author(s)	Olivier Dupriez
Date	2010-11-03
Description	This do-file converts dataset from ascii to stata format.
Filename	EAD_1985_ASCII_to_Stata.do

International Comaprisons of Educational Attainment

Title	International Comaprisons of Educational Attainment
subtitle	NBER Working Paper No. W4349
Author(s)	Robert J. Barro and Jong-Wha Lee
Date	1993-01-01
Filename	w4349.pdf