

Afghanistan, Angola, Albania, United Arab Emirates, Argentina, Australia, Austria, Burundi, Belgium, -  
International Measures of Schooling Years and Schooling Quality 1960-1990

**Jong-Wha Lee and Robert J. Barro**

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## Overview

### Identification

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#### ID NUMBER

WLD\_1990\_SYSQ\_v01\_M

### Version

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#### VERSION DESCRIPTION

#### PRODUCTION DATE

#### NOTES

### Overview

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#### ABSTRACT

This study provides an update on measures of educational attainment for a broad cross section of countries. In our previous work (Barro and Lee, 1993), we constructed estimates of educational attainment by sex for persons aged 25 and over. The values applied to 129 countries over a five-year intervals from 1960 to 1985.

The present study adds census information for 1985 and 1990 and updates the estimates of educational attainment to 1990. We also have been able to add a few countries, notably China, which were previously omitted because of missing data.

#### Dataset:

Educational attainment at various levels for the male and female population. The data set includes estimates of educational attainment for the population by age - over age 15 and over age 25 - for 126 countries in the world. (see Barro, Robert and J.W. Lee, "International Measures of Schooling Years and Schooling Quality, AER, Papers and Proceedings, 86(2), pp. 218-223 and also see "International Data on Education", manuscript.) Data are presented quinquennially for the years 1960-1990;

Educational quality across countries. Table 1 presents data on measures of schooling inputs at five-year intervals from 1960 to 1990. Table 2 contains the data on average test scores for the students of the different age groups for the various subjects. Please see Jong-Wha Lee and Robert J. Barro, "Schooling Quality in a Cross-Section of Countries," (NBER Working Paper No.w6198, September 1997) for more detailed explanation and sources of data.

#### KIND OF DATA

#### UNITS OF ANALYSIS

### Coverage

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#### GEOGRAPHIC COVERAGE

The data set covers the following countries:

- Afghanistan
- Albania
- Algeria
- Angola
- Argentina
- Australia

- Austria
- Bahamas, The
- Bahrain
- Bangladesh
- Barbados
- Belgium
- Benin
- Bolivia
- Botswana
- Brazil
- Bulgaria
- Burkina Faso
- Burundi
- Cameroon
- Canada
- Cape verde
- Central African Rep.
- Chad
- Chile
- China
- Colombia
- Comoros
- Congo
- Costa Rica
- Cote d'Ivoire
- Cuba
- Cyprus
- Czechoslovakia
- Denmark
- Dominica
- Dominican Rep.

- Ecuador
- Egypt
- El Salvador
- Ethiopia
- Fiji
- Finland
- France
- Gabon
- Gambia
- Germany, East
- Germany, West
- Ghana
- Greece
- Grenada
- Guatemala
- Guinea
- Guinea-Bissau
- Guyana
- Haiti
- Honduras
- Hong Kong
- Hungary
- Iceland
- India
- Indonesia
- Iran, I.R. of
- Iraq
- Ireland
- Israel
- Italy
- Jamaica

- Japan
- Jordan
- Kenya
- Korea
- Kuwait
- Lesotho
- Liberia
- Luxembourg
- Madagascar
- Malawi
- Malaysia
- Mali
- Malta
- Mauritania
- Mauritius
- Mexico
- Morocco
- Mozambique
- Myanmar (Burma)
- Nepal
- Netherlands
- New Zealand
- Nicaragua
- Niger
- Nigeria
- Norway
- Oman
- Pakistan
- Panama
- Papua New Guinea
- Paraguay

- Peru
- Philippines
- Poland
- Portugal
- Romania
- Rwanda
- Saudi Arabia
- Senegal
- Seychelles
- Sierra Leone
- Singapore
- Solomon Islands
- Somalia
- South africa
- Spain
- Sri Lanka
- St.Lucia
- St.Vincent & Grens.
- Sudan
- Suriname
- Swaziland
- Sweden
- Switzerland
- Syria
- Taiwan
- Tanzania
- Thailand
- Togo
- Tonga
- Trinidad & Tobago
- Tunisia

- Turkey
- U.S.S.R.
- Uganda
- United Arab Emirates
- United Kingdom
- United States
- Uruguay
- Vanuatu
- Venezuela
- Western Samoa
- Yemen, N.Arab
- Yugoslavia
- Zaire
- Zambia
- Zimbabwe

## Producers and Sponsors

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### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Jong-Wha Lee and Robert J. Barro	

### OTHER PRODUCER(S)

Name	Affiliation	Role

DATE OF METADATA PRODUCTION  
2011-04-07

DDI DOCUMENT VERSION  
Version 01 (April 2011)

DDI DOCUMENT ID  
DDI\_WLD\_1990\_SYSQ\_v01\_M

## Sampling

### **Sampling Procedure**

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### **Deviations from Sample Design**

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### **Response Rate**

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### **Weighting**

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# Questionnaires

## Overview

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## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
1960	1990	N/A

### Time Periods

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
1960	1990	N/A

### Data Collection Mode

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### Data Collection Notes

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### Questionnaires

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### Supervision

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## Data Processing

### **Data Editing**

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### **Other Processing**

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## Data Appraisal

### **Estimates of Sampling Error** **Other forms of Data Appraisal**

## **File Description**

## **Variable List**

Content

Cases 792

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V2	YEAR	Year	discrete		
V79	N025	Percentage of "no schooling" in the total 25+ population	discrete		
V80	PRI25	Percentage of "primary school attained" in the total 25+ pop.	discrete		
V81	PRIC25	Percentage of "primary school complete" in the total 25+ pop.	discrete		
V82	SEC25	Percentage of "secondary school attained" in the total 25+ pop.	discrete		
V83	SECC25	Percentage of "secondary school complete" in the total 25+ pop.	discrete		
V8	HIGH25	Percentage of "higher school attained" in the total 25+ pop.	discrete		
V9	HIGHC25	Percentage of "higher school complete" in the total 25+ pop.	discrete		
V84	TYR25	Average schooling years in the total 25+ population	discrete		
V85	PYR25	Average years of primary schooling in the total 25+ population	discrete		
V86	SYR25	Average years of secondary schooling in the total 25+ population	discrete		
V13	HYR25	Average years of higher schooling in the total 25+ population	discrete		

Content

Cases 792

Variable(s) 13

Structure Type:  
 Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V14	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V15	YEAR	Year	discrete		
V87	N0M25	Percentage of "no schooling" in the male 25+ population	discrete		
V88	PRIM25	Percentage of "primary school attained" in the male 25+ pop.	discrete		
V89	PRICM25	Percentage of "primary school complete" in the male 25+ pop.	discrete		
V90	SECM25	Percentage of "secondary school attained" in the male 25+ pop.	discrete		
V91	SECCM25	Percentage of "secondary school complete" in the male 25+ pop.	discrete		
V21	HIGHM25	Percentage of "higher school attained" in the male 25+ pop.	discrete		
V22	HIGHCM25	Percentage of "higher school complete" in the male 25+ pop.	discrete		
V92	TYRM25	Average schooling years in the male 25+ population	discrete		
V93	PYRM25	Average years of primary schooling in the male 25+ population	discrete		
V94	SYRM25	Average years of secondary schooling in the male 25+ population	discrete		
V26	HYRM25	Average years of higher schooling in the male 25+ population	discrete		

Content  
 Cases 792  
 Variable(s) 13  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V27	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V28	YEA	Year	discrete		
V95	N0F25	Percentage of "no schooling" in the female 25+ population	discrete		
V96	PRIF25	Percentage of "primary school attained" in the female 25+ pop.	discrete		
V97	PRICF25	Percentage of "primary school complete" in the female 25+ pop.	discrete		
V98	SECF25	Percentage of "secondary school attained" in female 25+ pop.	discrete		
V99	SECCF25	Percentage of "secondary school complete" in female 25+ pop.	discrete		
V34	HIGHF25	Percentage of "higher school attained" in female 25+ pop.	discrete		
V35	HIGHCF25	Percentage of "higher school complete" in female 25+ pop.	discrete		
V100	TYRF25	Average schooling years in the female 25+ population	discrete		
V101	PYRF25	Average years of primary schooling in the female 25+ population	discrete		
V102	SYRF25	Average years of secondary schooling in the female 25+ population	discrete		
V39	HYRF25	Average years of higher schooling in the female 25+ population	discrete		

Content

Cases	805
Variable(s)	13
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V40	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V41	YEAR	Year	discrete		
V103	N015	Percentage of "no schooling" in the total 15+ population	discrete		
V104	PRI15	Percentage of "primary school attained" in the total 15+ pop.	discrete		
V105	PRIC15	Percentage of "primary school complete" in the total 15+ pop.	discrete		
V106	SEC15	Percentage of "secondary school attained" in the total 15+ pop.	discrete		
V107	SECC15	Percentage of "secondary school complete" in the total 15+ pop.	discrete		
V47	HIGH15	Percentage of "higher school attained" in the total 15+ pop.	discrete		
V48	HIGHC15	Percentage of "higher school complete" in the total 15+ pop.	discrete		
V108	TYR15	Average schooling years in the total 15+ population	discrete		
V109	PYR15	Average years of primary schooling in the total 15+ population	discrete		
V110	SYR15	Average years of secondary schooling in the total 15+ population	discrete		
V52	HYR15	Average years of higher schooling in the total 15+ population	discrete		

Content

Cases	805
Variable(s)	13
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V53	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V54	YEAR	Year	discrete		
V111	N0M15	Percentage of "no schooling" in the male 15+ population	discrete		
V112	PRIM15	Percentage of "primary school attained" in the male 15+ pop.	discrete		
V113	PRICM15	Percentage of "primary school complete" in the male 15+ pop.	discrete		
V114	SECM15	Percentage of "secondary school attained" in the male 15+ pop.	discrete		
V115	SECCM15	Percentage of "secondary school complete" in the male 15+ pop.	discrete		
V60	HIGHM15	Percentage of "higher school attained" in the male 15+ pop.	discrete		
V61	HIGHCM15	Percentage of "higher school complete" in the male 15+ pop.	discrete		
V116	TYRM15	Average schooling years in the male 15+ population	discrete		
V117	PYRM15	Average years of primary schooling in the male 15+ population	discrete		
V118	SYRM15	Average years of secondary schooling in the male 15+ population	discrete		
V65	HYRM15	Average years of higher schooling in the male 15+ population	discrete		

Content  
 Cases 805  
 Variable(s) 13  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V66	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V67	YEAR	Year	discrete		
V119	N0F15	Percentage of "no schooling" in the female 15+ population	discrete		
V120	PRIF15	Percentage of "primary school attained" in the female 15+ pop.	discrete		
V121	PRICF15	Percentage of "primary school complete" in the female 15+ pop.	discrete		
V122	SECF15	Percentage of "secondary school attained" in female 15+ pop.	discrete		
V123	SECCF15	Percentage of "secondary school complete" in female 15+ pop.	discrete		
V73	HIGHF15	Percentage of "higher school attained" in female 15+ pop.	discrete		
V74	HIGHCF15	Percentage of "higher school complete" in female 15+ pop.	discrete		
V124	TYRF15	Average schooling years in the female 15+ population	discrete		
V125	PYRF15	Average years of primary schooling in the female 15+ population	discrete		
V126	SYRF15	Average years of secondary schooling in the female 15+ population	discrete		
V78	HYRF15	Average years of higher schooling in the female 15+ population	discrete		

Content	Measures of Schooling Inputs
Cases	145
Variable(s)	77
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V127	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V128	WBCTRY	Country code	discrete		
V129	COUNTRY	Country	discrete		
V130	TEAPRI60	Pupil-teacher ratio at primary school 1960	discrete		
V131	TEAPRI65	Pupil-teacher ratio at primary school 1965	discrete		
V132	TEAPRI70	Pupil-teacher ratio at primary school 1970	discrete		
V133	TEAPRI75	Pupil-teacher ratio at primary school 1975	discrete		
V134	TEAPRI80	Pupil-teacher ratio at primary school 1980	discrete		
V135	TEAPRI85	Pupil-teacher ratio at primary school 1985	discrete		
V136	TEAPRI90	Pupil-teacher ratio at primary school 1990	discrete		
V137	TEASEC60	Pupil-teacher ratio at secondary school 1960	discrete		
V138	TEASEC65	Pupil-teacher ratio at secondary school 1965	discrete		
V139	TEASEC70	Pupil-teacher ratio at secondary school 1970	discrete		
V140	TEASEC75	Pupil-teacher ratio at secondary school 1975	discrete		
V141	TEASEC80	Pupil-teacher ratio at secondary school 1980	discrete		
V142	TEASEC85	Pupil-teacher ratio at secondary school 1985	discrete		
V143	TEASEC90	Pupil-teacher ratio at secondary school 1990	discrete		
V144	GEEPRI60	Real government current educational expenditure per pupil at primary school 1960	discrete		
V145	GEEPRI65	Real government current educational expenditure per pupil at primary school 1965	discrete		
V146	GEEPRI70	Real government current educational expenditure per pupil at primary school 1970	discrete		
V147	GEEPRI75	Real government current educational expenditure per pupil at primary school 1975	discrete		
V148	GEEPRI80	Real government current educational expenditure per pupil at primary school 1980	discrete		
V149	GEEPRI85	Real government current educational expenditure per pupil at primary school 1985	discrete		
V150	GEEPRI90	Real government current educational expenditure per pupil at primary school 1990	discrete		
V151	GESEEC60	Real government current educational expenditure per pupil at secondary school 1960	discrete		

V152	GEESEC65	Real government current educational expenditure per pupil at secondary school 1965	discrete
V153	GEESEC70	Real government current educational expenditure per pupil at secondary school 1970	discrete
V154	GEESEC75	Real government current educational expenditure per pupil at secondary school 1975	discrete
V155	GEESEC80	Real government current educational expenditure per pupil at secondary school 1980	discrete
V156	GEESEC85	Real government current educational expenditure per pupil at secondary school 1985	discrete
V157	GEESEC90	Real government current educational expenditure per pupil at secondary school 1990	discrete
V158	SHPU60	Ratio of GEEPRI to real per capita GDP (in percentage) 1960	discrete
V159	SHPU65	Ratio of GEEPRI to real per capita GDP (in percentage) 1965	discrete
V160	SHPU70	Ratio of GEEPRI to real per capita GDP (in percentage) 1970	discrete
V161	SHPU75	Ratio of GEEPRI to real per capita GDP (in percentage) 1975	discrete
V162	SHPU80	Ratio of GEEPRI to real per capita GDP (in percentage) 1980	discrete
V163	SHPU85	Ratio of GEEPRI to real per capita GDP (in percentage) 1985	discrete
V164	SHPU90	Ratio of GEEPRI to real per capita GDP (in percentage) 1990	discrete
V165	SHPU60	Ratio of GEESEC to real per capita GDP (in percentage) 1960	discrete
V166	SHPU65	Ratio of GEESEC to real per capita GDP (in percentage) 1965	discrete
V167	SHPU70	Ratio of GEESEC to real per capita GDP (in percentage) 1970	discrete
V168	SHPU75	Ratio of GEESEC to real per capita GDP (in percentage) 1975	discrete
V169	SHPU80	Ratio of GEESEC to real per capita GDP (in percentage) 1980	discrete
V170	SHPU85	Ratio of GEESEC to real per capita GDP (in percentage) 1985	discrete
V171	SHPU90	Ratio of GEESEC to real per capita GDP (in percentage) 1990	discrete
V172	REPRI65	Repetition rate at primary school (in percentage) 1965	discrete
V173	REPRI70	Repetition rate at primary school (in percentage) 1970	discrete
V174	REPRI75	Repetition rate at primary school (in percentage) 1975	discrete
V175	REPRI80	Repetition rate at primary school (in percentage) 1980	discrete
V176	REPRI85	Repetition rate at primary school (in percentage) 1985	discrete
V177	REPRI90	Repetition rate at primary school (in percentage) 1990	discrete
V178	REPSEC70	Repetition rate at secondary school (in percentage) 1970	discrete
V179	REPSEC75	Repetition rate at secondary school (in percentage) 1975	discrete
V180	REPSEC80	Repetition rate at secondary school (in percentage) 1980	discrete
V181	REPSEC85	Repetition rate at secondary school (in percentage) 1985	discrete
V182	REPSEC90	Repetition rate at secondary school (in percentage) 1990	discrete
V183	SCHDAY	Number of school days per year at primary school	discrete
V184	SCHTIME	Number of school hours per year at primary school	discrete
V185	SALARP60	Average real salary of primary school teachers 1960	discrete
V186	SALARP65	Average real salary of primary school teachers 1965	discrete
V187	SALARP70	Average real salary of primary school teachers 1970	discrete
V188	SALARP75	Average real salary of primary school teachers 1975	discrete

V189	SALARP80	Average real salary of primary school teachers 1980	discrete
V190	SALARP85	Average real salary of primary school teachers 1985	discrete
V191	SALARP90	Average real salary of primary school teachers 1990	discrete
V192	SHSALP60	Ratio of SALARP to real per capita GDP (in percentage) 1960	discrete
V193	SHSALP65	Ratio of SALARP to real per capita GDP (in percentage) 1965	discrete
V194	SHSALP70	Ratio of SALARP to real per capita GDP (in percentage) 1970	discrete
V195	SHSALP75	Ratio of SALARP to real per capita GDP (in percentage) 1975	discrete
V196	SHSALP80	Ratio of SALARP to real per capita GDP (in percentage) 1980	discrete
V197	SHSALP85	Ratio of SALARP to real per capita GDP (in percentage) 1985	discrete
V198	SHSALP90	Ratio of SALARP to real per capita GDP (in percentage) 1990	discrete
V199	DROP70	Drop-out rate at primary school (in percentage) 1970	discrete
V200	DROP75	Drop-out rate at primary school (in percentage) 1975	discrete
V201	DROP80	Drop-out rate at primary school (in percentage) 1980	discrete
V202	DROP85	Drop-out rate at primary school (in percentage) 1985	discrete
V203	DROP90	Drop-out rate at primary school (in percentage) 1990	discrete

Content	International Test Scores
Cases	58
Variable(s)	23
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V204	SHCODE	Numerical code in Barro-Lee data set and Summers-Heston v.5.0.	discrete		
V205	COUNTRY	Country	discrete		
V206	M_64_13	Math. 1964 Age of pupils: 13	discrete		
V207	M_64_FS	Math. 1964 Age of pupils: FS	discrete		
V208	M_8283_13	Math. 1982-83 Age of pupils: 13	discrete		
V209	M_8283_FS	Math. 1982-83 Age of pupils: FS	discrete		
V210	M_88_13	Math. 1988 Age of pupils: 13	discrete		
V211	M_9091_10	Math. 1990-91 Age of pupils: 10	discrete		
V212	M_9091_14	Math. 1990-91 Age of pupils: 14	discrete		
V213	M_9398_13	Math. 1993-98 Age of pupils: 13	discrete		
V214	S_7072_10	Science 1970-72 Age of pupils: 10	discrete		
V215	S_7072_14	Science 1970-72 Age of pupils: 14	discrete		
V216	S_7072_FS	Science 1970-72 Age of pupils: FS	discrete		
V217	S_84_10	Science 1984 Age of pupils: 10	discrete		
V218	S_84_13	Science 1984 Age of pupils: 13	discrete		
V219	S_84_FS	Science 1984 Age of pupils: FS	discrete		
V220	S_88_13	Science 1988 Age of pupils: 13	discrete		
V221	S_9091_9	Science 1990-91 Age of pupils: 9	discrete		
V222	S_9091_13	Science 1990-91 Age of pupils: 13	discrete		
V223	S_9398_13	Science 1993-98 Age of pupils: 13	discrete		
V224	R_7072_13	Reading 1970-72 Age of pupils: 13	discrete		
V225	R_9091_9	Reading 1990-91 Age of pupils: 9	discrete		
V226	R_9091_13	Reading 1990-91 Age of pupils: 13	discrete		



## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: SCHOOL1

### Overview

Type: Discrete  
Width: 3

Valid cases: 792  
Invalid: NaN

### Description

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Year(YEAR) File: SCHOOL1

### Overview

Type: Discrete  
Width: 4

Valid cases: 792  
Invalid: NaN

### Source of information

Year

## Percentage of "no schooling" in the total 25+ population(N025) File: SCHOOL1

### Overview

Type: Discrete  
Width: 4

Valid cases: 775  
Invalid: 17

### Source of information

Percentage of "no schooling" in the total 25+ population

## Percentage of "primary school attained" in the total 25+ pop.(PRI25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 4

Valid cases: 775  
Invalid: 17

### Source of information

Percentage of "primary school attained" in the total 25+ pop.

## Percentage of "primary school complete" in the total 25+ pop.(PRIC25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 4

Valid cases: 775  
Invalid: 17

### Source of information

Percentage of "primary school complete" in the total 25+ pop.

## Percentage of "secondary school attained" in the total 25+ pop.(SEC25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 4

Valid cases: 785  
Invalid: 7

### Source of information

Percentage of "secondary school attained" in the total 25+ pop.

## Percentage of "secondary school complete" in the total 25+ pop.(SECC25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 4

Valid cases: 785  
Invalid: 7

### Source of information

Percentage of "secondary school complete" in the total 25+ pop.

## Percentage of "higher school attained" in the total 25+ pop.(HIGH25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 792  
Invalid: NaN

### Source of information

Percentage of "higher school attained" in the total 25+ pop.

## Percentage of "higher school complete" in the total 25+ pop.(HIGHC25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 792  
Invalid: NaN

### Source of information

Percentage of "higher school complete" in the total 25+ pop.

## Average schooling years in the total 25+ population(TYR25) File: SCHOOL1

### Overview

Type: Discrete  
Width: 2

Valid cases: 775  
Invalid: 17

### Source of information

Average schooling years in the total 25+ population

## Average years of primary schooling in the total 25+ population(PYR25) File: SCHOOL1

### Overview

Type: Discrete

Valid cases: 775

Width: 4

Invalid: 17

### Source of information

Average years of primary schooling in the total 25+ population

## Average years of secondary schooling in the total 25+ population(SYR25) File: SCHOOL1

### Overview

Type: Discrete

Valid cases: 785

Width: 4

Invalid: 7

### Source of information

Average years of secondary schooling in the total 25+ population

## Average years of higher schooling in the total 25+ population(HYR25) File: SCHOOL1

### Overview

Type: Discrete

Valid cases: 792

Width: 4

Invalid: NaN

Decimals: 2

### Source of information

Average years of higher schooling in the total 25+ population

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: SCHOOL2

### Overview

Type: Discrete  
Width: 3

Valid cases: 792  
Invalid: NaN

### Description

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Year(YEAR) File: SCHOOL2

### Overview

Type: Discrete  
Width: 4

Valid cases: 792  
Invalid: NaN

### Source of information

Year

## Percentage of "no schooling" in the male 25+ population(N0M25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

### Source of information

Percentage of "no schooling" in the male 25+ population

## Percentage of "primary school attained" in the male 25+ pop.(PRIM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

### Source of information

Percentage of "primary school attained" in the male 25+ pop.

## Percentage of "primary school complete" in the male 25+ pop.(PRICM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

### Source of information

Percentage of "primary school complete" in the male 25+ pop.

## Percentage of "secondary school attained" in the male 25+ pop.(SECM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 4

Valid cases: 784  
Invalid: 8

### Source of information

Percentage of "secondary school attained" in the male 25+ pop.

## Percentage of "secondary school complete" in the male 25+ pop.(SECCM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 4

Valid cases: 784  
Invalid: 8

### Source of information

Percentage of "secondary school complete" in the male 25+ pop.

## Percentage of "higher school attained" in the male 25+ pop.(HIGHM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 792  
Invalid: NaN

### Source of information

Percentage of "higher school attained" in the male 25+ pop.

## Percentage of "higher school complete" in the male 25+ pop.(HIGHCM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 792  
Invalid: NaN

### Source of information

Percentage of "higher school complete" in the male 25+ pop.

## Average schooling years in the male 25+ population(TYRM25) File: SCHOOL2

### Overview

Type: Discrete  
Width: 5

Valid cases: 773  
Invalid: 19

**Source of information**

Average schooling years in the male 25+ population

## Average years of primary schooling in the male 25+ population(PYRM25)

File: SCHOOL2

**Overview**

Type: Discrete

Width: 3

Valid cases: 773

Invalid: 19

**Source of information**

Average years of primary schooling in the male 25+ population

## Average years of secondary schooling in the male 25+ population(SYRM25)

File: SCHOOL2

**Overview**

Type: Discrete

Width: 4

Valid cases: 784

Invalid: 8

**Source of information**

Average years of secondary schooling in the male 25+ population

## Average years of higher schooling in the male 25+ population(HYRM25)

File: SCHOOL2

**Overview**

Type: Discrete

Width: 4

Decimals: 2

Valid cases: 792

Invalid: NaN

**Source of information**

Average years of higher schooling in the male 25+ population

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: SCHOOL3

### Overview

Type: Discrete  
Width: 3

Valid cases: 792  
Invalid: NaN

### Description

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Year(YEA) File: SCHOOL3

### Overview

Type: Discrete  
Width: 4

Valid cases: 792  
Invalid: NaN

### Source of information

Year

## Percentage of "no schooling" in the female 25+ population(N0F25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

### Source of information

Percentage of "no schooling" in the female 25+ population

## Percentage of "primary school attained" in the female 25+ pop.(PRIF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

### Source of information

Percentage of "primary school attained" in the female 25+ pop.

## Percentage of "primary school complete" in the female 25+ pop.(PRICF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

### Source of information

Percentage of "primary school complete" in the female 25+ pop.

## Percentage of "secondary school attained" in female 25+ pop.(SECF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 4

Valid cases: 784  
Invalid: 8

### Source of information

Percentage of "secondary school attained" in female 25+ pop.

## Percentage of "secondary school complete" in female 25+ pop.(SECCF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 4

Valid cases: 784  
Invalid: 8

### Source of information

Percentage of "secondary school complete" in female 25+ pop.

## Percentage of "higher school attained" in female 25+ pop.(HIGHF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 792  
Invalid: NaN

### Source of information

Percentage of "higher school attained" in female 25+ pop.

## Percentage of "higher school complete" in female 25+ pop.(HIGHCF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 792  
Invalid: NaN

### Source of information

Percentage of "higher school complete" in female 25+ pop.

## Average schooling years in the female 25+ population(TYRF25) File: SCHOOL3

### Overview

Type: Discrete  
Width: 5

Valid cases: 773  
Invalid: 19

**Source of information**

Average schooling years in the female 25+ population

## Average years of primary schooling in the female 25+ population(PYRF25)

File: SCHOOL3

**Overview**

Type: Discrete  
Width: 4

Valid cases: 773  
Invalid: 19

**Source of information**

Average years of primary schooling in the female 25+ population

## Average years of secondary schooling in the female 25+ population(SYRF25)

File: SCHOOL3

**Overview**

Type: Discrete  
Width: 4

Valid cases: 784  
Invalid: 8

**Source of information**

Average years of secondary schooling in the female 25+ population

## Average years of higher schooling in the female 25+ population(HYRF25)

File: SCHOOL3

**Overview**

Type: Discrete  
Width: 4  
Decimals: 2

Valid cases: 792  
Invalid: NaN

**Source of information**

Average years of higher schooling in the female 25+ population

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: SCHOOL4

### Overview

Type: Discrete  
Width: 3

Valid cases: 805  
Invalid: NaN

### Description

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Year(YEAR) File: SCHOOL4

### Overview

Type: Discrete  
Width: 4

Valid cases: 805  
Invalid: NaN

### Source of information

Year

## Percentage of "no schooling" in the total 15+ population(N015) File: SCHOOL4

### Overview

Type: Discrete  
Width: 4

Valid cases: 779  
Invalid: 26

### Source of information

Percentage of "no schooling" in the total 15+ population

## Percentage of "primary school attained" in the total 15+ pop.(PRI15) File: SCHOOL4

### Overview

Type: Discrete  
Width: 4

Valid cases: 778  
Invalid: 27

### Source of information

Percentage of "primary school attained" in the total 15+ pop.

## Percentage of "primary school complete" in the total 15+ pop.(PRIC15) File: SCHOOL4

### Overview

Type: Discrete  
Width: 4

Valid cases: 778  
Invalid: 27

### Source of information

Percentage of "primary school complete" in the total 15+ pop.

## Percentage of "secondary school attained" in the total 15+ pop.(SEC15)

File: SCHOOL4

### Overview

Type: Discrete  
Width: 4

Valid cases: 792  
Invalid: 13

### Source of information

Percentage of "secondary school attained" in the total 15+ pop.

## Percentage of "secondary school complete" in the total 15+ pop.(SECC15)

File: SCHOOL4

### Overview

Type: Discrete  
Width: 4

Valid cases: 792  
Invalid: 13

### Source of information

Percentage of "secondary school complete" in the total 15+ pop.

## Percentage of "higher school attained" in the total 15+ pop.(HIGH15)

File: SCHOOL4

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 805  
Invalid: NaN

### Source of information

Percentage of "higher school attained" in the total 15+ pop.

## Percentage of "higher school complete" in the total 15+ pop.(HIGHC15)

File: SCHOOL4

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 805  
Invalid: NaN

### Source of information

Percentage of "higher school complete" in the total 15+ pop.

## Average schooling years in the total 15+ population(TYR15)

File: SCHOOL4

### Overview

Type: Discrete  
Width: 5

Valid cases: 778  
Invalid: 27

### Source of information

Average schooling years in the total 15+ population

## Average years of primary schooling in the total 15+ population(PYR15) File: SCHOOL4

### Overview

Type: Discrete

Valid cases: 778

Width: 4

Invalid: 27

### Source of information

Average years of primary schooling in the total 15+ population

## Average years of secondary schooling in the total 15+ population(SYR15) File: SCHOOL4

### Overview

Type: Discrete

Valid cases: 792

Width: 4

Invalid: 13

### Source of information

Average years of secondary schooling in the total 15+ population

## Average years of higher schooling in the total 15+ population(HYR15) File: SCHOOL4

### Overview

Type: Discrete

Valid cases: 805

Width: 4

Invalid: NaN

Decimals: 2

### Source of information

Average years of higher schooling in the total 15+ population

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: SCHOOL5

### Overview

Type: Discrete  
Width: 3

Valid cases: 805  
Invalid: NaN

### Description

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Year(YEAR) File: SCHOOL5

### Overview

Type: Discrete  
Width: 4

Valid cases: 805  
Invalid: NaN

### Source of information

Year

## Percentage of "no schooling" in the male 15+ population(N0M15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 4

Valid cases: 776  
Invalid: 29

### Source of information

Percentage of "no schooling" in the male 15+ population

## Percentage of "primary school attained" in the male 15+ pop.(PRIM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 2

Valid cases: 776  
Invalid: 29

### Source of information

Percentage of "primary school attained" in the male 15+ pop.

## Percentage of "primary school complete" in the male 15+ pop.(PRICM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 4

Valid cases: 776  
Invalid: 29

### Source of information

Percentage of "primary school complete" in the male 15+ pop.

## Percentage of "secondary school attained" in the male 15+ pop.(SECM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 4

Valid cases: 790  
Invalid: 15

### Source of information

Percentage of "secondary school attained" in the male 15+ pop.

## Percentage of "secondary school complete" in the male 15+ pop.(SECCM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 4

Valid cases: 790  
Invalid: 15

### Source of information

Percentage of "secondary school complete" in the male 15+ pop.

## Percentage of "higher school attained" in the male 15+ pop.(HIGHM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 805  
Invalid: NaN

### Source of information

Percentage of "higher school attained" in the male 15+ pop.

## Percentage of "higher school complete" in the male 15+ pop.(HIGHCM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 805  
Invalid: NaN

### Source of information

Percentage of "higher school complete" in the male 15+ pop.

## Average schooling years in the male 15+ population(TYRM15) File: SCHOOL5

### Overview

Type: Discrete  
Width: 5

Valid cases: 776  
Invalid: 29

**Source of information**

Average schooling years in the male 15+ population

## Average years of primary schooling in the male 15+ population(PYRM15)

File: SCHOOL5

**Overview**

Type: Discrete

Width: 3

Valid cases: 776

Invalid: 29

**Source of information**

Average years of primary schooling in the male 15+ population

## Average years of secondary schooling in the male 15+ population(SYRM15)

File: SCHOOL5

**Overview**

Type: Discrete

Width: 4

Valid cases: 790

Invalid: 15

**Source of information**

Average years of secondary schooling in the male 15+ population

## Average years of higher schooling in the male 15+ population(HYRM15)

File: SCHOOL5

**Overview**

Type: Discrete

Width: 4

Decimals: 2

Valid cases: 805

Invalid: NaN

**Source of information**

Average years of higher schooling in the male 15+ population

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: SCHOOL6

### Overview

Type: Discrete  
Width: 3

Valid cases: 805  
Invalid: NaN

### Description

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Year(YEAR) File: SCHOOL6

### Overview

Type: Discrete  
Width: 4

Valid cases: 805  
Invalid: NaN

### Source of information

Year

## Percentage of "no schooling" in the female 15+ population(N0F15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 4

Valid cases: 776  
Invalid: 29

### Source of information

Percentage of "no schooling" in the female 15+ population

## Percentage of "primary school attained" in the female 15+ pop.(PRIF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 2

Valid cases: 776  
Invalid: 29

### Source of information

Percentage of "primary school attained" in the female 15+ pop.

## Percentage of "primary school complete" in the female 15+ pop.(PRICF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 4

Valid cases: 776  
Invalid: 29

### Source of information

Percentage of "primary school complete" in the female 15+ pop.

## Percentage of "secondary school attained" in female 15+ pop.(SECF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 4

Valid cases: 790  
Invalid: 15

### Source of information

Percentage of "secondary school attained" in female 15+ pop.

## Percentage of "secondary school complete" in female 15+ pop.(SECCF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 4

Valid cases: 790  
Invalid: 15

### Source of information

Percentage of "secondary school complete" in female 15+ pop.

## Percentage of "higher school attained" in female 15+ pop.(HIGHF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 805  
Invalid: NaN

### Source of information

Percentage of "higher school attained" in female 15+ pop.

## Percentage of "higher school complete" in female 15+ pop.(HIGHCF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 5  
Decimals: 2

Valid cases: 805  
Invalid: NaN

### Source of information

Percentage of "higher school complete" in female 15+ pop.

## Average schooling years in the female 15+ population(TYRF15) File: SCHOOL6

### Overview

Type: Discrete  
Width: 5

Valid cases: 776  
Invalid: 29

**Source of information**

Average schooling years in the female 15+ population

## Average years of primary schooling in the female 15+ population(PYRF15)

File: SCHOOL6

**Overview**

Type: Discrete  
Width: 4

Valid cases: 776  
Invalid: 29

**Source of information**

Average years of primary schooling in the female 15+ population

## Average years of secondary schooling in the female 15+ population(SYRF15)

File: SCHOOL6

**Overview**

Type: Discrete  
Width: 4

Valid cases: 790  
Invalid: 15

**Source of information**

Average years of secondary schooling in the female 15+ population

## Average years of higher schooling in the female 15+ population(HYRF15)

File: SCHOOL6

**Overview**

Type: Discrete  
Width: 4  
Decimals: 2

Valid cases: 805  
Invalid: NaN

**Source of information**

Average years of higher schooling in the female 15+ population

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: QUALITY1

### Overview

Type: Discrete

Valid cases: 138  
Invalid: 7

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Country code(WBCTRY) File: QUALITY1

### Overview

Type: Discrete  
Width: 3

Valid cases: 143  
Invalid: NaN

### Source of information

Country code

## Country(COUNTRY) File: QUALITY1

### Overview

Type: Discrete  
Width: 20

Valid cases: 145  
Invalid: NaN

### Source of information

Country

## Pupil-teacher ratio at primary school 1960(TEAPRI60) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 132  
Invalid: 13

### Source of information

Pupil-teacher ratio at primary school 1960

## Pupil-teacher ratio at primary school 1065(TEAPRI65) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 138  
Invalid: 7

### Source of information

Pupil-teacher ratio at primary school 1065

## Pupil-teacher ratio at primary school 1970(TEAPRI70)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 139  
Invalid: 6

### Source of information

Pupil-teacher ratio at primary school 1970

## Pupil-teacher ratio at primary school 1975(TEAPRI75)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 142  
Invalid: 3

### Source of information

Pupil-teacher ratio at primary school 1975

## Pupil-teacher ratio at primary school 1980(TEAPRI80)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 143  
Invalid: 2

### Source of information

Pupil-teacher ratio at primary school 1980

## Pupil-teacher ratio at primary school 1985(TEAPRI85)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 144  
Invalid: 1

### Source of information

Pupil-teacher ratio at primary school 1985

## Pupil-teacher ratio at primary school 1990(TEAPRI90)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 138  
Invalid: 7

### Source of information

Pupil-teacher ratio at primary school 1990

## Pupil-teacher ratio at secondary school 1960(TEASEC60)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 123  
Invalid: 22

### Source of information

Pupil-teacher ratio at secondary school 1960

## Pupil-teacher ratio at secondary school 1965(TEASEC65)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 132  
Invalid: 13

### Source of information

Pupil-teacher ratio at secondary school 1965

## Pupil-teacher ratio at secondary school 1970(TEASEC70)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 133  
Invalid: 12

### Source of information

Pupil-teacher ratio at secondary school 1970

## Pupil-teacher ratio at secondary school 1975(TEASEC75)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 134  
Invalid: 11

### Source of information

Pupil-teacher ratio at secondary school 1975

## Pupil-teacher ratio at secondary school 1980(TEASEC80)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 129  
Invalid: 16

### Source of information

Pupil-teacher ratio at secondary school 1980

## Pupil-teacher ratio at secondary school 1985(TEASEC85)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 131  
Invalid: 14

**Source of information**

Pupil-teacher ratio at secondary school 1985

## Pupil-teacher ratio at secondary school 1990(TEASEC90)

File: QUALITY1

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 124  
Invalid: 21

**Source of information**

Pupil-teacher ratio at secondary school 1990

## Real government current educational expenditure per pupil at primary school 1960(GEEPRI60)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 68  
Invalid: 77

**Source of information**

Real government current educational expenditure per pupil at primary school 1960

## Real government current educational expenditure per pupil at primary school 1965(GEEPRI65)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 93  
Invalid: 52

**Source of information**

Real government current educational expenditure per pupil at primary school 1965

## Real government current educational expenditure per pupil at primary school 1970(GEEPRI70)

File: QUALITY1

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 94  
Invalid: 51

**Source of information**

Real government current educational expenditure per pupil at primary school 1970

## Real government current educational expenditure per pupil at primary school 1975(GEEPRI75)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 96

Invalid: 49

#### Source of information

Real government current educational expenditure per pupil at primary school 1975

Real government current educational expenditure per pupil at primary school 1980(GEEPRI80)

File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 102

Invalid: 43

#### Source of information

Real government current educational expenditure per pupil at primary school 1980

Real government current educational expenditure per pupil at primary school 1985(GEEPRI85)

File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 92

Decimals: 2

Invalid: 53

#### Source of information

Real government current educational expenditure per pupil at primary school 1985

Real government current educational expenditure per pupil at primary school 1990(GEEPRI90)

File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 87

Decimals: 2

Invalid: 58

#### Source of information

Real government current educational expenditure per pupil at primary school 1990

Real government current educational expenditure per pupil at secondary school 1960(GEESEC60)

File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 68

Invalid: 77

#### Source of information

Real government current educational expenditure per pupil at secondary school 1960

## Real government current educational expenditure per pupil at secondary school 1965(GEESEC65)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 86  
Invalid: 59

### Source of information

Real government current educational expenditure per pupil at secondary school 1965

## Real government current educational expenditure per pupil at secondary school 1970(GEESEC70)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 92  
Invalid: 53

### Source of information

Real government current educational expenditure per pupil at secondary school 1970

## Real government current educational expenditure per pupil at secondary school 1975(GEESEC75)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 90  
Invalid: 55

### Source of information

Real government current educational expenditure per pupil at secondary school 1975

## Real government current educational expenditure per pupil at secondary school 1980(GEESEC80)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 98  
Invalid: 47

### Source of information

Real government current educational expenditure per pupil at secondary school 1980

## Real government current educational expenditure per pupil at secondary school 1985(GEESEC85)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 84  
Invalid: 61

**Source of information**

Real government current educational expenditure per pupil at secondary school 1985

Real government current educational expenditure per pupil at  
secondary school 1990(GEESEC90)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 78

Invalid: 67

**Source of information**

Real government current educational expenditure per pupil at secondary school 1990

Ratio of GEEPRI to real per capita GDP (in percentage)  
1960(SHPUPP60)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 68

Decimals: 2

Invalid: 77

**Source of information**

Ratio of GEEPRI to real per capita GDP (in percentage) 1960

Ratio of GEEPRI to real per capita GDP (in percentage)  
1965(SHPUPP65)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 93

Decimals: 2

Invalid: 52

**Source of information**

Ratio of GEEPRI to real per capita GDP (in percentage) 1965

Ratio of GEEPRI to real per capita GDP (in percentage)  
1970(SHPUPP70)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 93

Decimals: 2

Invalid: 52

**Source of information**

Ratio of GEEPRI to real per capita GDP (in percentage) 1970

Ratio of GEEPRI to real per capita GDP (in percentage)  
1975(SHPUPP75)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 96  
Invalid: 49

### Source of information

Ratio of GEEPRI to real per capita GDP (in percentage) 1975

Ratio of GEEPRI to real per capita GDP (in percentage)  
1980(SHPUPP80)  
File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 102  
Invalid: 43

### Source of information

Ratio of GEEPRI to real per capita GDP (in percentage) 1980

Ratio of GEEPRI to real per capita GDP (in percentage)  
1985(SHPUPP85)  
File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 91  
Invalid: 54

### Source of information

Ratio of GEEPRI to real per capita GDP (in percentage) 1985

Ratio of GEEPRI to real per capita GDP (in percentage)  
1990(SHPUPP90)  
File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 81  
Invalid: 64

### Source of information

Ratio of GEEPRI to real per capita GDP (in percentage) 1990

Ratio of GEESEC to real per capita GDP (in percentage)  
1960(SHPUPS60)  
File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 68  
Invalid: 77

### Source of information

Ratio of GEESEC to real per capita GDP (in percentage) 1960

## Ratio of GEESEC to real per capita GDP (in percentage)

1965(SHPUPS65)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 85  
Invalid: 60

### Source of information

Ratio of GEESEC to real per capita GDP (in percentage) 1965

## Ratio of GEESEC to real per capita GDP (in percentage)

1970(SHPUPS70)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 91  
Invalid: 54

### Source of information

Ratio of GEESEC to real per capita GDP (in percentage) 1970

## Ratio of GEESEC to real per capita GDP (in percentage)

1975(SHPUPS75)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 90  
Invalid: 55

### Source of information

Ratio of GEESEC to real per capita GDP (in percentage) 1975

## Ratio of GEESEC to real per capita GDP (in percentage)

1980(SHPUPS80)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 98  
Invalid: 47

### Source of information

Ratio of GEESEC to real per capita GDP (in percentage) 1980

## Ratio of GEESEC to real per capita GDP (in percentage)

1985(SHPUPS85)

File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 83  
Invalid: 62

**Source of information**

Ratio of GEESEC to real per capita GDP (in percentage) 1985

## Ratio of GEESEC to real per capita GDP (in percentage)

1990(SHPUPS90)

File: QUALITY1

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 78  
Invalid: 67

**Source of information**

Ratio of GEESEC to real per capita GDP (in percentage) 1990

## Repetition rate at primary school (in percentage) 1965(REPPRI65)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 74  
Invalid: 71

**Source of information**

Repetition rate at primary school (in percentage) 1965

## Repetition rate at primary school (in percentage) 1970(REPPRI70)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 95  
Invalid: 50

**Source of information**

Repetition rate at primary school (in percentage) 1970

## Repetition rate at primary school (in percentage) 1975(REPPRI75)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 113  
Invalid: 32

**Source of information**

Repetition rate at primary school (in percentage) 1975

## Repetition rate at primary school (in percentage) 1980(REPPRI80)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 125  
Invalid: 20

**Source of information**

Repetition rate at primary school (in percentage) 1980

## Repetition rate at primary school (in percentage) 1985(REPPRI85)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 123  
Invalid: 22

### Source of information

Repetition rate at primary school (in percentage) 1985

## Repetition rate at primary school (in percentage) 1990(REPPRI90)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 122  
Invalid: 23

### Source of information

Repetition rate at primary school (in percentage) 1990

## Repetition rate at secondary school (in percentage) 1970(REPSEC70)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 63  
Invalid: 82

### Source of information

Repetition rate at secondary school (in percentage) 1970

## Repetition rate at secondary school (in percentage) 1975(REPSEC75)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 78  
Invalid: 67

### Source of information

Repetition rate at secondary school (in percentage) 1975

## Repetition rate at secondary school (in percentage) 1980(REPSEC80)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 89  
Invalid: 56

### Source of information

Repetition rate at secondary school (in percentage) 1980

## Repetition rate at secondary school (in percentage) 1985(REPSEC85)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 99  
Invalid: 46

### Source of information

Repetition rate at secondary school (in percentage) 1985

## Repetition rate at secondary school (in percentage) 1990(REPSEC90) File: QUALITY1

### Overview

Type: Discrete

Valid cases: 94  
Invalid: 51

### Source of information

Repetition rate at secondary school (in percentage) 1990

## Number of school days per year at primary school(SCHDAY) File: QUALITY1

### Overview

Type: Discrete

Valid cases: 142  
Invalid: 3

### Source of information

Number of school days per year at primary school

## Number of school hours per year at primary school(SCHTIME) File: QUALITY1

### Overview

Type: Discrete

Valid cases: 80  
Invalid: 65

### Source of information

Number of school hours per year at primary school

## Average real salary of primary school teachers 1960(SALARP60) File: QUALITY1

### Overview

Type: Discrete

Valid cases: 68  
Invalid: 77

### Source of information

Average real salary of primary school teachers 1960

## Average real salary of primary school teachers 1965(SALARP65) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 87  
Invalid: 58

**Source of information**

Average real salary of primary school teachers 1965

## Average real salary of primary school teachers 1970(SALARP70)

File: QUALITY1

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 90  
Invalid: 55

**Source of information**

Average real salary of primary school teachers 1970

## Average real salary of primary school teachers 1975(SALARP75)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 88  
Invalid: 57

**Source of information**

Average real salary of primary school teachers 1975

## Average real salary of primary school teachers 1980(SALARP80)

File: QUALITY1

**Overview**

Type: Discrete

Valid cases: 92  
Invalid: 53

**Source of information**

Average real salary of primary school teachers 1980

## Average real salary of primary school teachers 1985(SALARP85)

File: QUALITY1

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 83  
Invalid: 62

**Source of information**

Average real salary of primary school teachers 1985

## Average real salary of primary school teachers 1990(SALARP90)

File: QUALITY1

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 76  
Invalid: 69

**Source of information**

Average real salary of primary school teachers 1990

## Ratio of SALARP to real per capita GDP (in percentage) 1960(SHSALP60) File: QUALITY1

### Overview

Type: Discrete

Valid cases: 68  
Invalid: 77

### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1960

## Ratio of SALARP to real per capita GDP (in percentage) 1965(SHSALP65) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 86  
Invalid: 59

### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1965

## Ratio of SALARP to real per capita GDP (in percentage) 1970(SHSALP70) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 88  
Invalid: 57

### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1970

## Ratio of SALARP to real per capita GDP (in percentage) 1975(SHSALP75) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 88  
Invalid: 57

### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1975

## Ratio of SALARP to real per capita GDP (in percentage) 1980(SHSALP80) File: QUALITY1

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 92  
Invalid: 53

#### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1980

Ratio of SALARP to real per capita GDP (in percentage)  
1985(SHSALP85)  
File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 82

Invalid: 63

#### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1985

Ratio of SALARP to real per capita GDP (in percentage)  
1990(SHSALP90)  
File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 65

Invalid: 80

#### Source of information

Ratio of SALARP to real per capita GDP (in percentage) 1990

Drop-out rate at primary school (in percentage) 1970(DROP70)  
File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 122

Decimals: 2

Invalid: 23

#### Source of information

Drop-out rate at primary school (in percentage) 1970

Drop-out rate at primary school (in percentage) 1975(DROP75)  
File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 122

Decimals: 2

Invalid: 23

#### Source of information

Drop-out rate at primary school (in percentage) 1975

Drop-out rate at primary school (in percentage) 1980(DROP80)  
File: QUALITY1

#### Overview

Type: Discrete

Valid cases: 122

Decimals: 2

Invalid: 23

#### Source of information

Drop-out rate at primary school (in percentage) 1980

## Drop-out rate at primary school (in percentage) 1985(DROP85)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 125

Decimals: 2

Invalid: 20

### Source of information

Drop-out rate at primary school (in percentage) 1985

## Drop-out rate at primary school (in percentage) 1990(DROP90)

File: QUALITY1

### Overview

Type: Discrete

Valid cases: 129

Decimals: 2

Invalid: 16

### Source of information

Drop-out rate at primary school (in percentage) 1990

## Numerical code in Barro-Lee data set and Summers-Heston v.5.0.(SHCODE) File: QUALITY2

### Overview

Type: Discrete

Valid cases: 51  
Invalid: 7

### Source of information

Numerical code in Barro-Lee data set and Summers-Heston v.5.0.

## Country(COUNTRY) File: QUALITY2

### Overview

Type: Discrete  
Width: 18

Valid cases: 58  
Invalid: NaN

### Source of information

Country

## Math. 1964 Age of pupils: 13(M\_64\_13) File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 11  
Invalid: 47

### Source of information

Math. 1964 Age of pupils: 13

## Math. 1964 Age of pupils: FS(M\_64\_FS) File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 11  
Invalid: 47

### Source of information

Math. 1964 Age of pupils: FS

## Math. 1982-83 Age of pupils: 13(M\_8283\_13) File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 17  
Invalid: 41

### Source of information

Math. 1982-83 Age of pupils: 13

## Math. 1982-83 Age of pupils: FS(M\_8283\_FS)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 12  
Invalid: 46

### Source of information

Math. 1982-83 Age of pupils: FS

## Math. 1988 Age of pupils: 13(M\_88\_13)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 6  
Invalid: 52

### Source of information

Math. 1988 Age of pupils: 13

## Math. 1990-91 Age of pupils: 10(M\_9091\_10)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 13  
Invalid: 45

### Source of information

Math. 1990-91 Age of pupils: 10

## Math. 1990-91 Age of pupils: 14(M\_9091\_14)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 19  
Invalid: 39

### Source of information

Math. 1990-91 Age of pupils: 14

## Math. 1993-98 Age of pupils: 13(M\_9398\_13)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 37  
Invalid: 21

### Source of information

Math. 1993-98 Age of pupils: 13

## Science 1970-72 Age of pupils: 10(S\_7072\_10)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 14  
Invalid: 44

### Source of information

Science 1970-72 Age of pupils: 10

Science 1970-72 Age of pupils: 14(S\_7072\_14)  
File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 16  
Invalid: 42

### Source of information

Science 1970-72 Age of pupils: 14

Science 1970-72 Age of pupils: FS(S\_7072\_FS)  
File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 16  
Invalid: 42

### Source of information

Science 1970-72 Age of pupils: FS

Science 1984 Age of pupils: 10(S\_84\_10)  
File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 15  
Invalid: 43

### Source of information

Science 1984 Age of pupils: 10

Science 1984 Age of pupils: 13(S\_84\_13)  
File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 17  
Invalid: 41

### Source of information

Science 1984 Age of pupils: 13

Science 1984 Age of pupils: FS(S\_84\_FS)  
File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 13  
Invalid: 45

**Source of information**

Science 1984 Age of pupils: FS

Science 1988 Age of pupils: 13(S\_88\_13)

File: QUALITY2

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 6  
Invalid: 52

**Source of information**

Science 1988 Age of pupils: 13

Science 1990-91 Age of pupils: 9(S\_9091\_9)

File: QUALITY2

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 13  
Invalid: 45

**Source of information**

Science 1990-91 Age of pupils: 9

Science 1990-91 Age of pupils: 13(S\_9091\_13)

File: QUALITY2

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 18  
Invalid: 40

**Source of information**

Science 1990-91 Age of pupils: 13

Science 1993-98 Age of pupils: 13(S\_9398\_13)

File: QUALITY2

**Overview**

Type: Discrete  
Decimals: 2

Valid cases: 37  
Invalid: 21

**Source of information**

Science 1993-98 Age of pupils: 13

Reading 1970-72 Age of pupils: 13(R\_7072\_13)

File: QUALITY2

**Overview**

Type: Discrete

Valid cases: 12  
Invalid: 46

**Source of information**

Reading 1970-72 Age of pupils: 13

## Reading 1990-91 Age of pupils: 9(R\_9091\_9)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 26  
Invalid: 32

### Source of information

Reading 1990-91 Age of pupils: 9

## Reading 1990-91 Age of pupils: 13(R\_9091\_13)

File: QUALITY2

### Overview

Type: Discrete  
Decimals: 2

Valid cases: 31  
Invalid: 27

### Source of information

Reading 1990-91 Age of pupils: 13

# Documentation

## Technical documents

### Readme file (description of original dataset)

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Title        Readme file (description of original dataset)  
Author(s)   Jong-Wha Lee Robert J. Barro  
Date        1997-08-28  
Country    World  
Language   English  
Filename   README.txt

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## Other materials

### Schooling Quality in a Cross Section of Countries

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Title        Schooling Quality in a Cross Section of Countries  
Author(s)   Jong-Wha Lee Robert J. Barro  
Date        1997-09-01  
Country    World  
Language   English  
Description   We investigate the determinants of educational quality in a panel data set that includes" output and input measures for a broad number of countries. The results show that family inputs" and school resources are closely related to school outcomes, as measured by internationally" comparable test scores, repetition rates, and drop-out rates. Family characteristics income and education of parents, have strong effects on student performance. The findings also" indicate that more school resources - especially smaller class sizes but probably also higher" teacher salaries and greater school length - enhance educational outcomes."  
Filename    <http://www.nber.org/papers/w6198>

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