

**20 Latin American Countries Database**  
Compiled by James W. McGuire, Fall 2002  
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The social and economic data in the "20 Latin American Countries Database" were compiled by James W. McGuire, Department of Government, Wesleyan University, at the Woodrow Wilson International Center for Scholars (2000-2001) and at Wesleyan University (2001-2002). Laura Frankel, Wesleyan '02, helped to collect some of the data during a Christian A. Johnson Endeavor Foundation Research Apprenticeship with McGuire during the spring semester 2002 at Wesleyan.

The database, written in Microsoft Excel 4.0 for the Macintosh, may be downloaded as a Microsoft Excel file at <http://condor.wesleyan.edu/jmcguire/data>. If you use these data, please cite the database as follows.

McGuire, James W., compiler (2002). 20 Latin American Countries Database. Accessed March 20, 2003 (or whenever), at <http://condor.wesleyan.edu/jmcguire/data>

The 150 variables in the database are listed below. They include life expectancy at birth, infant mortality, under-5 mortality, proportion of newborns expected to survive to age 60, life expectancy at age 60, GDP per capita, income inequality, income poverty, calorie availability, undernourishment, literacy, mean years of schooling, grade repetition, total population, economically active population, urbanization, labor force in agriculture, fertility, birth attendance, prenatal care, infant immunization, access to safe water, access to adequate sanitation, family planning effort, union membership, union density, ILO conventions signed, and social insurance program experience.

The countries in the database are Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, and Venezuela.

Several variables are measured at multiple points in time, some beginning as early as 1900, and many beginning in 1960.

Annotations to the data and a full citation of the source of the data are given at the foot the column corresponding to each variable. An effort has been made to find the best available data for each variable.

A sample consisting of six of the 150 variables in the database appears at the end of this document.

Indicator N°, Category, Subcategory Broad, Subcategory Specific, Source, Date, Indicator

- 1, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1900, Life Expectancy at birth in 1900
- 2, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1910, Life Expectancy at birth in 1910
- 3, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1920, Life Expectancy at birth in 1920
- 4, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1930, Life Expectancy at birth in 1930
- 5, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1940, Life Expectancy at birth in 1940
- 6, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1950, Life Expectancy at birth in 1950
- 7, Mortality, Life expectancy, At birth, Astorga/Fitger 98, 1960, Life Expectancy at birth in 1960
- 8, Mortality, Life expectancy, At birth, WB WDI 2001, 1960, Life Expectancy at birth in 1960
- 9, Mortality, Life expectancy, At birth, WB WDI 2001, 1965, Life Expectancy at birth in 1965
- 10, Mortality, Life expectancy, At birth, WB WDI 2001, 1970, Life Expectancy at birth in 1970
- 11, Mortality, Life expectancy, At birth, WB WDI 2001, 1975, Life Expectancy at birth in 1975
- 12, Mortality, Life expectancy, At birth, WB WDI 2001, 1980, Life Expectancy at birth in 1980
- 13, Mortality, Life expectancy, At birth, WB WDI 2001, 1985, Life Expectancy at birth in 1985
- 14, Mortality, Life expectancy, At birth, WB WDI 2001, 1990, Life Expectancy at birth in 1990
- 15, Mortality, Life expectancy, At birth, WB WDI 2001, 1995, Life Expectancy at birth in 1995
- 16, Mortality, Life expectancy, At birth, WB WDI 2001, 1999, Life Expectancy at birth in 1999
- 17, Mortality, Life expectancy, At birth, Corbo 1994, 1950/55, Life Expectancy in Years, 1950-1955
- 18, Mortality, Life expectancy, At birth, Corbo 1994, 1955/60, Life Expectancy at birth, 1955-1960
- 19, Mortality, Life expectancy, At birth, UNDP, 1960, Life Expectancy at birth, 1960
- 20, Mortality, Life expectancy, At birth, UNDP, 1997, Life expectancy at birth, 1997
- 21, Mortality, Infant mortality, , Palloni 1989, 1940, Infant mortality, 1940
- 22, Mortality, Infant mortality, , Corbo 1994, 1950/55, Infant mortality, 1950-1955
- 23, Mortality, Infant mortality, , Corbo 1994, 1955/60, Infant mortality, 1955-1960
- 24, Mortality, Infant mortality, , UNICEF 1998, 1960, Infant mortality, 1960
- 25, Mortality, Infant mortality, , Hill et al. 1999, 1960, Infant mortality, 1960
- 26, Mortality, Infant mortality, , Hill et al. 1999, 1965, Infant mortality, 1965
- 27, Mortality, Infant mortality, , Hill et al. 1999, 1970, Infant mortality, 1970
- 28, Mortality, Infant mortality, , Hill et al. 1999, 1975, Infant mortality, 1975
- 29, Mortality, Infant mortality, , Hill et al. 1999, 1980, Infant mortality, 1980
- 30, Mortality, Infant mortality, , Hill et al. 1999, 1985, Infant mortality, 1985
- 31, Mortality, Infant mortality, , Hill et al. 1999, 1990, Infant mortality, 1990
- 32, Mortality, Infant mortality, , Hill et al. 1999, 1995, Infant mortality, 1995
- 33, Mortality, Under-5 mortality, , UNICEF 1998, 1960, Under-5 Mortality
- 34, Mortality, Under-5 mortality, , Hill et al. 1999, 1960, Under-5 mortality
- 35, Mortality, Under-5 mortality, , Hill et al. 1999, 1965, Under-5 mortality, 1965
- 36, Mortality, Under-5 mortality, , Hill et al. 1999, 1970, Under-5 mortality, 1970
- 37, Mortality, Under-5 mortality, , Hill et al. 1999, 1975, Under-5 mortality, 1975
- 38, Mortality, Under-5 mortality, , Hill et al. 1999, 1980, Under-5 mortality, 1980
- 39, Mortality, Under-5 mortality, , Hill et al. 1999, 1985, Under-5 mortality, 1985
- 40, Mortality, Under-5 mortality, , Hill et al. 1999, 1990, Under-5 mortality, 1990
- 41, Mortality, Under-5 mortality, , Hill et al. 1999, 1995, Under-5 mortality
- 42, Mortality, % Surviving to 60, , Palloni et al. 1999, 1960/65, Percent of newborns expected to survive to age 60
- 43, Mortality, % Surviving to 60, , Palloni et al. 1999, 1990/95, Percent of newborns expected to survive to age 60
- 44, Mortality, Life expectancy, At age 60, Palloni et al. 1999, 1960/65, Life expectancy at age 60, 1960/65
- 45, Mortality, Life expectancy, At age 60, Palloni et al. 1999, 1990/95, Life expectancy at age 60, 1990/95
- 46, Economic, Overall affluence, GDP per capita, Astorga/Fitger 98, 1920, Real GDP per capita in 1920
- 47, Economic, Overall affluence, GDP per capita, Astorga/Fitger 98, 1930, Real GDP per capita in 1930
- 48, Economic, Overall affluence, GDP per capita, Astorga/Fitger 98, 1940, Real GDP per capita in 1940
- 49, Economic, Overall affluence, GDP per capita, Astorga/Fitger 98, 1950, Real GDP per capita in 1950
- 50, Economic, Overall affluence, GDP per capita, Astorga/Fitger 98, 1960, Real GDP per capita in 1960
- 51, Economic, Overall affluence, GDP per capita, PWT 6.1, 1950, GDP per capita in 1950, PWT 6.1
- 52, Economic, Overall affluence, GDP per capita, PWT 6.1, 1955, GDP per capita in 1955, PWT 6.1

- 53, Economic, Overall affluence, GDP per capita, PWT 6.1, 1960, GDP per capita in 1960, PWT 6.1
- 54, Economic, Overall affluence, GDP per capita, PWT 6.1, 1965, GDP per capita in 1965, PWT 6.1
- 55, Economic, Overall affluence, GDP per capita, PWT 6.1, 1970, GDP per capita in 1970, PWT 6.1
- 56, Economic, Overall affluence, GDP per capita, PWT 6.1, 1975, GDP per capita in 1975, PWT 6.1
- 57, Economic, Overall affluence, GDP per capita, PWT 6.1, 1980, GDP per capita in 1980, PWT 6.1
- 58, Economic, Overall affluence, GDP per capita, PWT 6.1, 1985, GDP per capita in 1985, PWT 6.1
- 59, Economic, Overall affluence, GDP per capita, PWT 6.1, 1990, GDP per capita in 1990, PWT 6.1
- 60, Economic, Overall affluence, GDP per capita, PWT 6.1, 1995, GDP per capita in 1995, PWT 6.1
- 61, Economic, Overall affluence, GDP per capita, PWT 6.1, 2000, GDP per capita in 2000, PWT 6.1
- 62, Economic, Overall affluence, GDP per capita, UNDP 1997, 1960, Real GDP per capita (PPP), UNDP data, 1960
- 63, Economic, Overall affluence, GDP per capita, PWT 5.4, 1960, GDP per capita, PWT 5.4, 1960
- 64, Economic, Overall affluence, GDP per capita, PWT 6.0, 1960, GDP per capita, PWT 6.0, 1960
- 65, Economic, Overall affluence, GDP per capita, PWT 6.0, 1995, GDP per capita, PWT 6.0, 1995
- 66, Economic, Overall affluence, GDP/cap growth, Grilli, 1950 to 1960, Real GDP per capita growth, 1950-1960
- 67, Economic, Overall affluence, GDP/cap growth, PWT 6.0, 1960 to 1995, Multiple by which 1995 exceeded 1960 GDP per capita
- 68, Economic, Inequality, Gini index, Londoño/Sz 1997, c. 1970, Gini index of income inequality
- 69, Economic, Inequality, Gini index, Londoño/Sz 1997, c. 1995, Gini index of income inequality
- 70, Economic, Inequality, Gini index, Székely 2001, c. 1998, Gini index of income inequality
- 71, Economic, Inequality, Gini index, WB WDR 2000, c. 1996, Gini index of income inequality
- 72, Economic, Inequality, Gini index, IADB 2000, 1990s, Gini index of income inequality
- 73, Economic, Poverty, \$1 per day, Londoño/Sz 1997, c. 1970, Extreme Poverty (less than \$1/day in 1985 PPP \$US)
- 74, Economic, Poverty, \$1 per day, Londoño/Sz 1997, c. 1995, Extreme Poverty (less than \$1/day in 1985 PPP \$US)
- 75, Economic, Poverty, \$1 per day, World Bank (2000), c. 1995, Extreme Poverty (less than \$1/day in 1985 PPP \$US)
- 76, Economic, Poverty, \$2 per day, Londoño/Sz 1997, c. 1970, Moderate Poverty (less than \$2/day in 1985 PPP \$US)
- 77, Economic, Poverty, \$2 per day, Londoño/Sz 1997, c. 1995, Moderate Poverty (less than \$2/day in 1985 PPP \$US)
- 78, Economic, Poverty, \$2 per day, World Bank (2000), c. 1995, Moderate Poverty (less than \$2/day in 1985 PPP \$US)
- 79, Economic, Poverty, \$2 per day, Székely 2001, c. 1996, Moderate Poverty (less than \$2/day in 1985 PPP \$US)
- 80, Nourishment, Calorie availabil., Level, SALA 1999, c. 1960, Calorie availability, kcal per capita per day
- 81, Nourishment, Calorie availabil., Level, SALA 1999, c. 1990, Calorie availability, kcal per capita per day
- 82, Nourishment, Calorie availabil., Change, SALA 1999, c.1960 to c.1990, Calorie availability, kcal per capita per day, change
- 83, Nourishment, Protein availabil., Level, SALA 1999, c. 1960, Protein availability, grams per capita per day
- 84, Nourishment, Protein availabil., Level, SALA 1999, c. 1990, Protein availability, grams per capita per day
- 85, Nourishment, Protein availabil., Change, SALA 1999, c.1960 to c.1990, Protein availability, grams per capita per day, change
- 86, Nourishment, % undernourished, Level, FAO 2000, c. 1980, Proportion of inhabitants undernourished
- 87, Nourishment, % undernourished, Level, FAO 2000, c. 1997, Proportion of inhabitants undernourished
- 88, Nourishment, % undernourished, Change, FAO 2000, c.1980 to c.1997, Proportion of inhabitants undernourished, change
- 89, Nourishment, Calorie deficit, Level, FAO 2000, c. 1997, Average calorie deficit of undernourished inhabitants
- 90, Nourishment, Child undernour., Level, Smith 2000, 1990s, Proportion of under-5 children underweight
- 91, Education, Literacy, Both sexes, 15+, Astorga/Fitz 1998, 1920, Literacy in 1920 (% population 15 years and older)
- 92, Education, Literacy, Both sexes, 15+, Astorga/Fitz 1998, 1930, Literacy in 1930 (% population 15 years and older)
- 93, Education, Literacy, Both sexes, 15+, Astorga/Fitz 1998, 1940, Literacy in 1940 (% population 15 years and older)
- 94, Education, Literacy, Both sexes, 15+, Astorga/Fitz 1998, 1950, Literacy in 1950 (% population 15 years and older)
- 95, Education, Literacy, Both sexes, 15+, Astorga/Fitz 1998, 1960, Literacy in 1960 (% population 15 years and older)
- 96, Education, Literacy, Age 15-24, UNDP 2000, 1998, Literacy, youth (age 15-24).
- 97, Education, Mean years school, Both sexes, 25+, Barro/Lee 1994, 1960, Mean years of schooling in total pop. aged 25 + 1960
- 98, Education, Mean years school, Female, 15+, Barro/Lee 1994, 1960, Mean years of schooling in female pop. aged 15+ 1960
- 99, Education, Mean years school, Female, 15+, Barro/Lee 1994, 1995, Mean years of schooling in female pop. 15+ 1995
- 100, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1960, Mean years of schooling in total pop. aged 15+ 1960
- 101, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1965, Mean years of schooling in total pop. aged 15+ 1965
- 102, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1970, Mean years of schooling in total pop. aged 15+ 1970
- 103, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1975, Mean years of schooling in total pop. aged 15+ 1975
- 104, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1980, Mean years of schooling in total pop. aged 15+ 1980
- 105, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1985, Mean years of schooling in total pop. aged 15+ 1985
- 106, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1990, Mean years of schooling in total pop. aged 15+ 1990

- 107, Education, Mean years school, Both sexes, 15+, Barro/Lee 2000, 1995, Mean years of schooling in total pop. aged 15+ 1995
- 108, Education, Grade repetition, Primary school, UNESCO 2001, 1970, Percent repeating grade in primary school
- 109, Education, Grade repetition, Primary school, UNESCO 2001, 1996, Percent repeating grade in primary school
- 110, Population, Total population, , US Census Bureau, 1950, Total population, 1950
- 111, Population, Total population, , US Census Bureau, 1955, total mid-year population, 1955
- 112, Population, Total population, , US Census Bureau, 1960, total mid-year pop. 1960
- 113, Population, Econ. Active Pop., % of total pop, SALA 1959, 1950, Economically Active Population as % Total Pop
- 114, Population, Econ. Active Pop., Absolute number, SALA 1959, 1950, Total Economically Active Population c. 1950
- 115, Population, Urbanization, % of pop. urban, WB WDI 1998, 1960, Urban population, 1960
- 116, Population, Lab Force in Ag, % labor force, WB WDI 1998, 1960, Proportion of labor force in agriculture, 1960
- 117, Population, Total fertility rate, , UNICEF 1998, 1960, Total fertility rate, 1960, UNICEF 1998
- 118, Population, Total fertility rate, , UNICEF 1997, 1960, Total fertility rate, 1960, UNICEF 1997 data
- 119, Population, Total fertility rate, , UNICEF 1997, 1995, Total fertility rate, 1995, UNICEF 1997 data
- 120, Health Care Deliv, Mother/child hlth, Birth attendance, WB WDI 2001, avg 1973-1977, % births attended by skilled personnel
- 121, Health Care Deliv, Mother/child hlth, Birth attendance, WB WDI 2001, avg 1978-1982, % births attended by skilled personnel
- 122, Health Care Deliv, Mother/child hlth, Birth attendance, WB WDI 2001, 1987, % births attended by skilled personnel
- 123, Health Care Deliv, Mother/child hlth, Birth attendance, WB WDI 2001, avg 1988-1992, % births attended by skilled personnel
- 124, Health Care Deliv, Mother/child hlth, Birth attendance, WB WDI 2001, avg 1993-1998, % births attended by skilled personnel
- 125, Health Care Deliv, Mother/child hlth, Prenatal care, PAHO 1994, c. 1990, % pregant women receiving prenatal care, PAHO
- 126, Health Care Deliv, Mother/child hlth, Infant immunizat., UNDP 1993, 1989-91, Proportion of one year-olds immunized, HDR
- 127, Water and Sanitat., Safe water, Whole country, PAHO 1970, 1969, Share of total population served by water supply systems
- 128, Water and Sanitat., Safe water, Whole country, PAHO 2000, 1998, Share of total population served by water supply systems
- 129, Water and Sanitat., Safe water, Urban, PAHO 1970, 1969, Share of urban population served by water supply systems
- 130, Water and Sanitat., Safe water, Urban, PAHO 2000, 1998, Share of urban population served by water supply systems
- 131, Water and Sanitat., Safe water, Rural , PAHO 1970, 1969, Share of rural population served by water supply systems
- 132, Water and Sanitat., Safe water, Rural , PAHO 2000, 1998, Share of rural population served by water supply systems
- 133, Water and Sanitat., Adeq. sanitation, Whole country, PAHO 1970, 1969, % total pop. served by sewerage or septic systems
- 134, Water and Sanitat., Adeq. sanitation, Whole country, PAHO 2000, 1998, % total pop. served by sewerage or septic systems
- 135, Water and Sanitat., Adeq. sanitation, Urban, PAHO 1970, 1969, Share of urban population served by sewerage or septic systems
- 136, Water and Sanitat., Adeq. sanitation, Urban, PAHO 2000, 1998, Share of urban population served by sewerage or septic systems
- 137, Water and Sanitat., Adeq. sanitation, Rural , PAHO 1970, 1969, Share of rural population served by sewerage or septic systems
- 138, Water and Sanitat., Adeq. sanitation, Rural , PAHO 2000, 1998, Share of rural population served by sewerage or septic systems
- 139, Family Planning, Fam Plann Effort, , Ross/Mauld 1996, 1972, Total family planning effort score
- 140, Family Planning, Fam Plann Effort, , Ross/Mauld 1996, 1982, Total family planning effort score
- 141, Family Planning, Fam Plann Effort, , Ross/Mauld 1996, 1989, Total family planning effort score
- 142, Family Planning, Fam Plann Effort, , Ross/Mauld 1996, 1994, Total family planning effort score
- 143, Family Planning, Fam Plann Effort, , Ross/Stover 2000, 1999, Total family planning effort score
- 144, Labor, Union members, , Alba 1968, 1946, Union members, 1946
- 145, Labor, Union members, , SALA 1959, 1950, Union members, c. 1950
- 146, Labor, Union members, , Alba 1968, 1960, Union members, 1960
- 147, Labor, Union density, , SALA 1959, 1946, Union density (% of economically active population unionized), 1946
- 148, Labor, Union density, , SALA 1959, 1950, Union density (% of economically active population unionized), 1950
- 149, Labor, ILO conventions, , Alba 1968, 1961, Number of ILO conventions signed by country as of 1961 (out of 116 possible)
- 150, Social Insurance, Soc Ins Prog Exp, , Ballmer-Cao 1979, 1960, Social insurance program experience 1960

**SAMPLE of 6 of the 150 or so variables in the database**

Category	Mortality	Mortality	Economic	Economic	Nourishment	Water and Sanita
Subcategory Broad	Life expectancy	Infant mortality	Overall affluence	Inequality	Child undernour.	Safe water
Subcategory Specific	At birth		GDP per capita	Gini index	Level	Whole country
Source	Astorga/Fitger 98	Hill et al. 1999	PWT 6.1	Székely 2001	Smith 2000	PAHO 2000
Date	1900	1960	1995	c. 1998	1990s	1998
Indicator	Life Expectancy at birth in 1900	Infant mortality, 1960	GDP per capita, PWT 6.1, 1995	Gini index of income inequality	Proportion of under-5 children underweight	% total populati served by water supply systems
Argentina	39	60	10266	49.3	1.9	78.6
Bolivia	26	152	2614	60.1	8.4	73.5
Brazil	29	115	6765	58.5	5.7	93.6
Chile	29	118	8488	55.9	0.8	94.2
Colombia	29	79	5480	55.5	8.4	76.4
Costa Rica	32	87	5334	46.1	5.1	97.6
Cuba	32	39	5087		1.5	92.9
Domin. Rep.		102	3720		5.9	71.4
Ecuador		107	3883	55.7	13	70.3
El Salvador		129	4180	55.9	11.2	59.3
Guatemala	24	136	3772	56.2	26.6	80.3
Haiti		169	1464		27.5	46.0
Honduras		137	2052	58.5	18.3	80.9
Mexico	25	94	7175	53.8	13.9	88.6
Nicaragua		130	1819	60.2	11.9	66.5
Panama		58	5624	56.3	6.1	86.8
Paraguay	25	67	5362	49.3	3.7	43.6
Peru		142	4428	56.9	7.8	75.4
Uruguay	49	48	8793	43.9	4.4	97.8
Venezuela	28	56	7094	46.7	5.1	86.3
Notes		Deaths before the age of 1 per 1000 live births		Székely calc using household survey data. Estimate year is 1998 for most countries, but 1997 for Brazil, 1999 for Bolivia, Colombia, Panama, and Venezuela, and 2000 for Peru.	% of under-5 children two or more standard deviations below expected weight of healthy children of the same age using Nat'l Center for Health Stats/WHO norms.	
Source	Astorga, Pablo, and Valpy Fitzgerald (1998). "The Standard of Living in Latin America During the 20th Century." Centro Studi Luca D'Agliano - Queen Eliz. House Devel. Studies Wrkg Paper 117, St. Antony's College, U. of Oxford, 32.	Hill, Kenneth. et al. (1999). Trends in Child Mortality in the Developing World: 1960-1996. New York: UNICEF.	Heston, Alan, Robert Summers and Bettina Aten (2002). Penn World Table Version 6.1. Center for In'l Comparisons at U. of Pennsylvania (CICUP), October 2002. Accessed October 20, 2002, at <a href="http://pwt.econ.upenn.edu">http://pwt.econ.upenn.edu</a>	Székely, Miguel (2001). "Where to From Here? Generating Capabilities and Creating Opportunities for the Poor." In Orazio Attanasio and Miguel Székely, eds., Portrait of the Poor: An Assets-Based Approach. DC: IADB, p. 251.	Smith, Lisa C., and Helen H. Jensen (2000). "The Geography and Causes of Food Insecurity in Developing Countries." Agricultural Economics 22 No. 2 (March), 211-12.	PAHO [Pan American Health Organization] (2000). Situación de salud in las Américas: Indicadores básicos 2000. Washington, DC Programa Especial de Análisis de Salud, PAHO.