



Rocky Mountain Mapping Center

World Demographic Data for Use in Spatial Analysis

World demographic data includes fertility, mortality, economic, health, and other measures. A variety of organizations collect world demographic data, but it is often difficult to place it in one file. This site is an attempt to compile various sources of demographic data and therefore make it easy to download and use. These data could be used in courses such as Geography, Demography, Sociology, and Government, to explore demographic variables around the world within a geographic information system (GIS). The data are zipped and in [ESRI](#) shapefile format. When unzipped, the user will have 7 files:

- demographic data.doc - Description of all field names, MS Word format.
- demographics.apr - ArcView 3.x project file.
- demography.dbf - Database.
- demography.sbn - Spatial Index for ArcView GIS.
- demography.sbx - Spatial Index for ArcView GIS.
- demography.shp - Feature file for ArcView GIS, in latitude-longitude (geographic) coordinates.
- demography.shx - Spatial Index for ArcView GIS.

The demography.shp file can be loaded into a variety of GIS software programs, such as ArcView GIS by ESRI. Students can then explore the data.

Sources

- Environmental Systems Research Institute (ESRI) Inc, Geographic Feature File.: <http://www.esri.com>
- UNICEF state of world's children: <http://www.unicef.org/pubsgen/sowc02summary/>
- UN Human development Index <http://www.undp.org/hdr2001/indicator>
- UN Aids Project: http://www.unaids.org/epidemic_update/report/index.html#table
- World Bank: <http://www.worldbank.com/data/countrydata/countrydata.html>

Click [here to download the data](#). The file is named demography.zip and is 1.6 MB in size.

Demographic Data Field Names

All data are from 1999 unless otherwise stated.

CNTRY_NAME	Country Name 2002
CURR_TYPE	Currency
FIPS_CNTRY	Unique identifier
TOT_POP	Total population 1999
POP_U_18	Population under 18 (thousands)

POP_UN_5	Population under 5 (thousands) 1999
POP_GROW90	Population annual growth rate % 1970-90
POP_GROW99	Population annual growth rate % 1990-99
RUR_POP	Rural population
URB_POP	Urban Population
P_POP_URBA	Percentage population urban
UG_P70-90	Urban growth rate 1970-90
UG_P90-99	Urban growth rate 1990-99
UNDER5MORT	Under five mortality rank
U_5MORT_19	Under 5 morality rate 1960
U_5_MORT19	Under 5 mortality 1999
INF_MOR60	Infant mortality rate under 1 1960
INF_MOR99	infant mortality under 1 1999
BIRTHS_199	Annual no of births 1999
UNDER5DEAT	Annual no of under 5 deaths (thousands)
DEATH_70	Crude death rate 1970
DEATH_99	Crude death rate 1990
BIRTH_70	Crude birth rate 1970
BIRTH_99	Crude birth rate 1999
LIFE_EXP70	Life expectancy 1970
LIFEEXP99	Life expectancy 1999
FERTILITY_	Total fertility rate
EXPORTS9	Exports Total value1999
IMPORTS9	Imports Total value 1999
GNP_PER_CA	GNP per capital (US\$) 1999
INFLATION_	Annual rate of inflation 1990-98
P_SHARELOW	% share of household income lowest 40% 1990-97
P_SHAREHIG	% share of household income highest 20% 1990-97
P_POP_BELO	% of population below US\$1 income a day 1990-99
PHONE_LNS	Phone lines 1997
CELLPHNS7	Cellphones 1997
TOURARV7	Tourist arrivals 1997
P_G_EX_E	% central government expenditure education on 1992-99
P_G_EX_H	% central government expenditure health on 1992-99
P_G_EX_D	% central government expenditure on health 1992-99
AID_IN_199	Aid inflow US\$ 1998
AID_P_GNP_	Aid inflow as % GNP 1998
DEBT_P70	Debt service as % export earnings 1970
DEBT_P98	Debt service % exports 1998
HIV_AIDS	Adults and children with HIV/AIDS 1999
HDI_1999	UN Human Development Index
POVERTY_IN	UN Poverty Index
EXPORTS9	Exports Total value1999
IMPORTS9	Imports Total value 1999
P_water99	% improved water 1999
P_u_water9	% urban improved water 1999
P_R_water9	% improved rural water 1999

P_san99	% adequate sanitation 1999
P_Urban_san	% Urban adequate sanitation
P_R_san	% rural adequate sanitation
P_vaccinat	% vaccination paid by government 1997-99
TB	% 1 year old child fully vaccinated against TB
DPT	% 1 year old child fully vaccinated against Diphtheria
POLIO	% 1 year old child fully vaccinated against Polio
MEASLES	% 1 year old child fully vaccinated against Measles
PREG_TETAN	% Pregnant women immunised against tetanus
PRIM_SCHOO	Primary school enrolment ratio 1995- 99
LIT_1995_9	Total adult literacy 1995 –99
SQKM	Land Area in sq kilometers
SQMI	Land Area in sq miles
LANDLOCKED	Land locked – no coast
COLOR_MAP	Number to colour map

[U.S. Department of the Interior](#)

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URL:<http://rockyweb.cr.usgs.gov/public/outreach/worlddemography.html>

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