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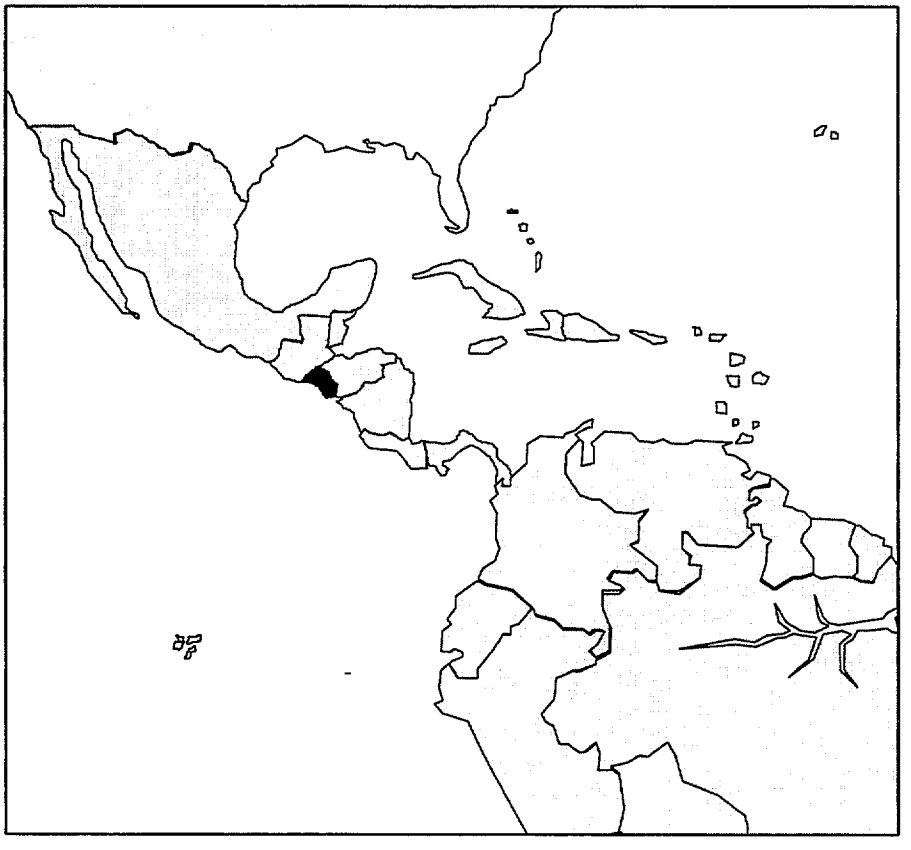
CIHI Country Health Profile Series

EL SALVADOR

Health Statistics Report
1996



Center for International Health Information
1601 N. Kent Street, Suite 1014
Arlington, VA 22209

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The Center for International Health Information
1601 N. Kent Street, Suite 1014
Arlington, VA 22209
(703) 524 - 5225
FAX (703) 243 - 4669
E-Mail address: info@cihi.com
Internet address: www.cihi.com

B

EL SALVADOR

Health Statistics Report

This is part of a series of Country Health Profiles produced by the Center for International Health Information (CIHI). Each profile provides quantitative data on current health and demographic conditions in a developing country. Profile information is compiled from CIHI's databases and reference library and through research and analysis of other data sources.

CIHI's Health Statistics Reports are intended to provide data in a concise format for individuals and organizations involved in health sector policy and decision-making. Contact CIHI at the address on the preceding page for information on the availability of country health profiles and health statistics reports, or look for these reports on the Internet at the following address: *www.cihi.com.*

In order to enable CIHI to report the most current health and demographic data, readers are encouraged to provide any more recent or more accurate information by contacting the center directly or through USAID's Office of Health and Nutrition.

EDITOR'S NOTES

1. ***Data Notes.*** *For definitions of indicators and commentary regarding their derivation, the reader is referred to Section II.*

2. ***References & Sources.*** *Sources in this profile are referred to by a seven-digit code. Generally, the first three letters refer to a source institution, the following two numbers refer to the year of publication or transmittal, and the final two numbers uniquely identify the individual source. A complete list of sources appears in Section III.*

3. ***Comparative Graphs and Tables.*** *Unless otherwise specified, indicator values for country groupings are median values for the countries in each aggregate grouping for which data are available. Regional groupings include: (1) Sub-Saharan Africa, which includes the 47 countries comprising USAID's Africa Region; (2) No. Africa & Mideast, which corresponds to USAID's Near East Sub-region and includes 21 countries from Morocco in the West to Afghanistan in the East; (3) Asia, which corresponds to USAID's Asia Sub-region and includes 24 developing countries from Pakistan eastward; (4) Latin Am. & Carib. which includes 46 countries of Central and South America and the Caribbean and corresponds to USAID's Latin America and Caribbean region. Income groupings are based on the classifications used by the United Nations' Human Development Report 1995, which are defined as: (1) Low -Income Countries (GNP per capita =$696 or less), (2) Middle-Income Countries (GNP/capita $696-$8,625); (3) High-Income Countries (GNP/capita >$8,625). "Developing Countries" indicators are based on 107 countries which are not regarded as "Established Market Economies" by the World Bank's World Development Report 1994.*

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I: HEALTH & DEMOGRAPHIC OVERVIEW
Current Demographic and Health Indicators

Demographic Indicators			
INDICATOR	VALUE	YEAR	SOURCE
Total population (000s)	5,870	1995	BUC9401
Urban percent	45	1995	UNP9400
Women ages 15-49 (000s)	1,442	1995	CAL9602
Infant mortality rate	39	1995	JEE9512
Under 5 mortality rate	53	1995	JEE9507
Maternal mortality rate	300	1990	UNI9601
Life expectancy at birth	67	1995	UNP9400
Number of births (000s)	191	1995	CAL9603
Annual infant deaths (000s)	7	1995	CAL9604
Total fertility rate	3.8	1995	PRB9601

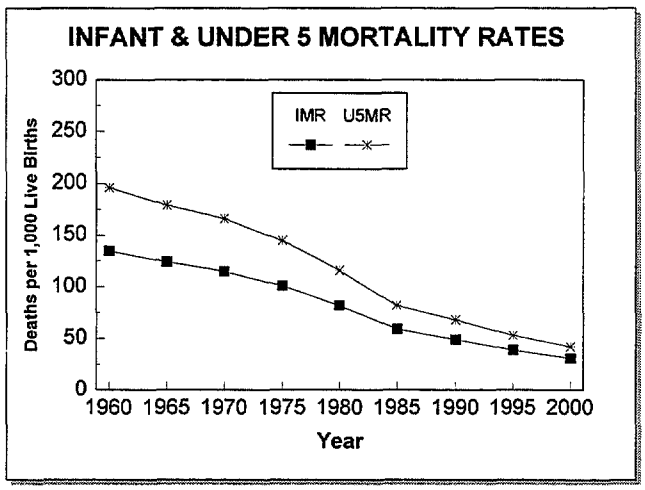
Child Survival Indicators			
INDICATOR	VALUE	YEAR	SOURCE
Vaccination Coverage (%)			
BCG	100	1995	WHE9601
DPT3	100	1995	WHE9601
Measles	94	1995	WHE9601
Polio 3	94	1995	WHE9601
TT2+	47	1995	WHE9601
DPT drop out rate	24	1986	PAH9100
Oral Rehydration Therapy (%)			
ORS access rate	84	1989	WHD9100
ORT use rate	13	1988	HHS8801
Contraceptive Prevalence (%)			
CPR, modern methods	48	1993	CDC9302
CPR, all methods	53	1993	CDC9302
Nutrition (%)			
Adequate nutritional status	77	1988	INC9000
Exclusive breastfeeding	NA		
Complementary feeding	NA		
Continued breastfeeding	NA		

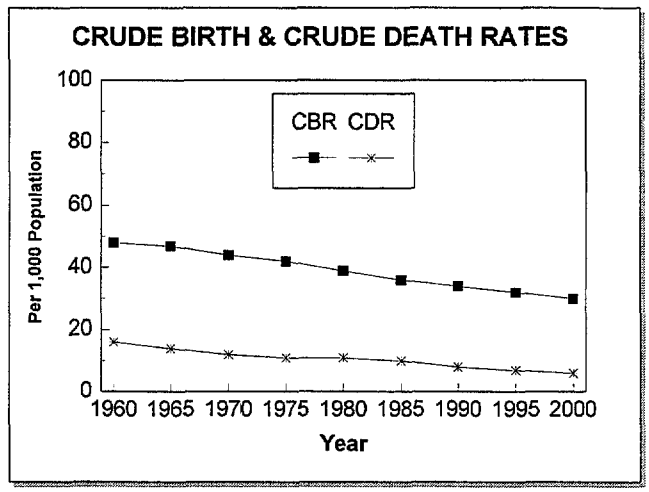
Other Health Indicators			
INDICATOR	VALUE	YEAR	SOURCE
HIV Prevalence			
Adults (per 100,000)	564	1994	WHO9601
Access to Improved Water (%)			
Urban	86	1992	AID9320
Rural	15	1992	AID9320
Access to Sanitation (%)			
Urban	84	1992	AID9320
Rural	51	1992	AID9320
Delivery Conditions			
Deliveries by trained attendants (%)	51	1988	HHS8801

NA=Notavailable

Trends in Selected Demographic and Health Indicators

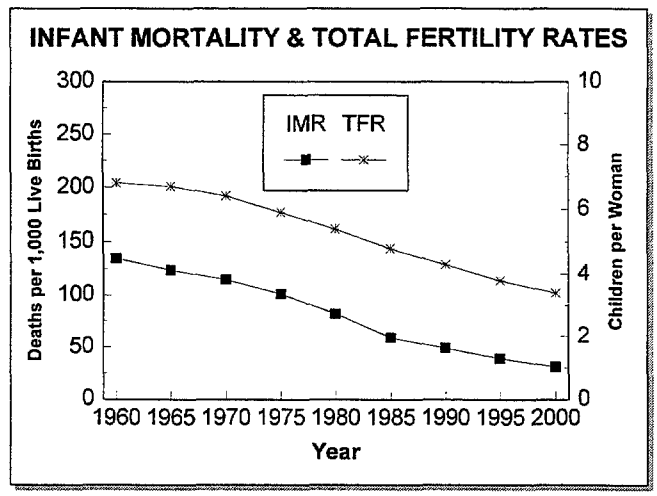
INDICATOR	1960	1965	1970	1975	1980	1985	1990	1995	2000	SOURCE
Infant Mortality Rate	135	124	115	101	82	59	49	39	31	JEE9512
Under 5 Mortality Rate	196	179	166	145	116	82	68	53	42	JEE9507
Crude Birth Rate	48	47	44	42	39	36	34	32	30	UNP9400
Crude Death Rate	16	14	12	11	11	10	8	7	6	UNP9400
Avg Annual Growth	3.1	3.3	3.1	2.3	1.5	1.3	2.0	2.2	2.1	UNP9400
Total Fertility Rate	6.8	6.7	6.4	5.9	5.4	4.8	4.3	3.8	3.4	UNP9400





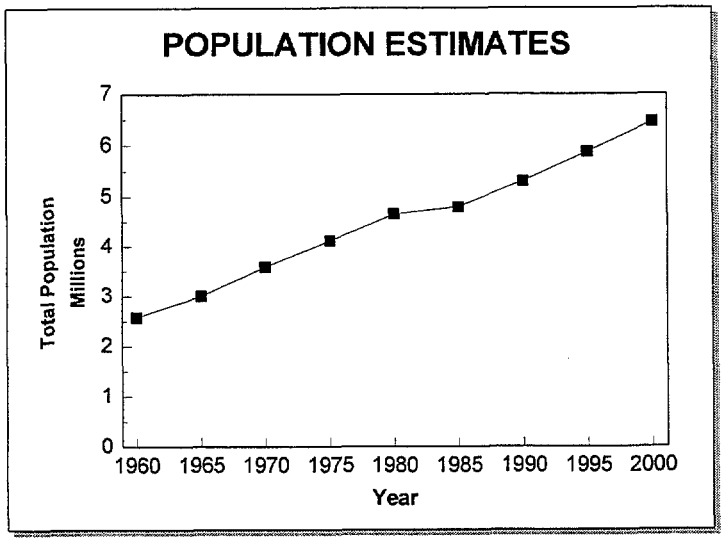
IMR and TFR

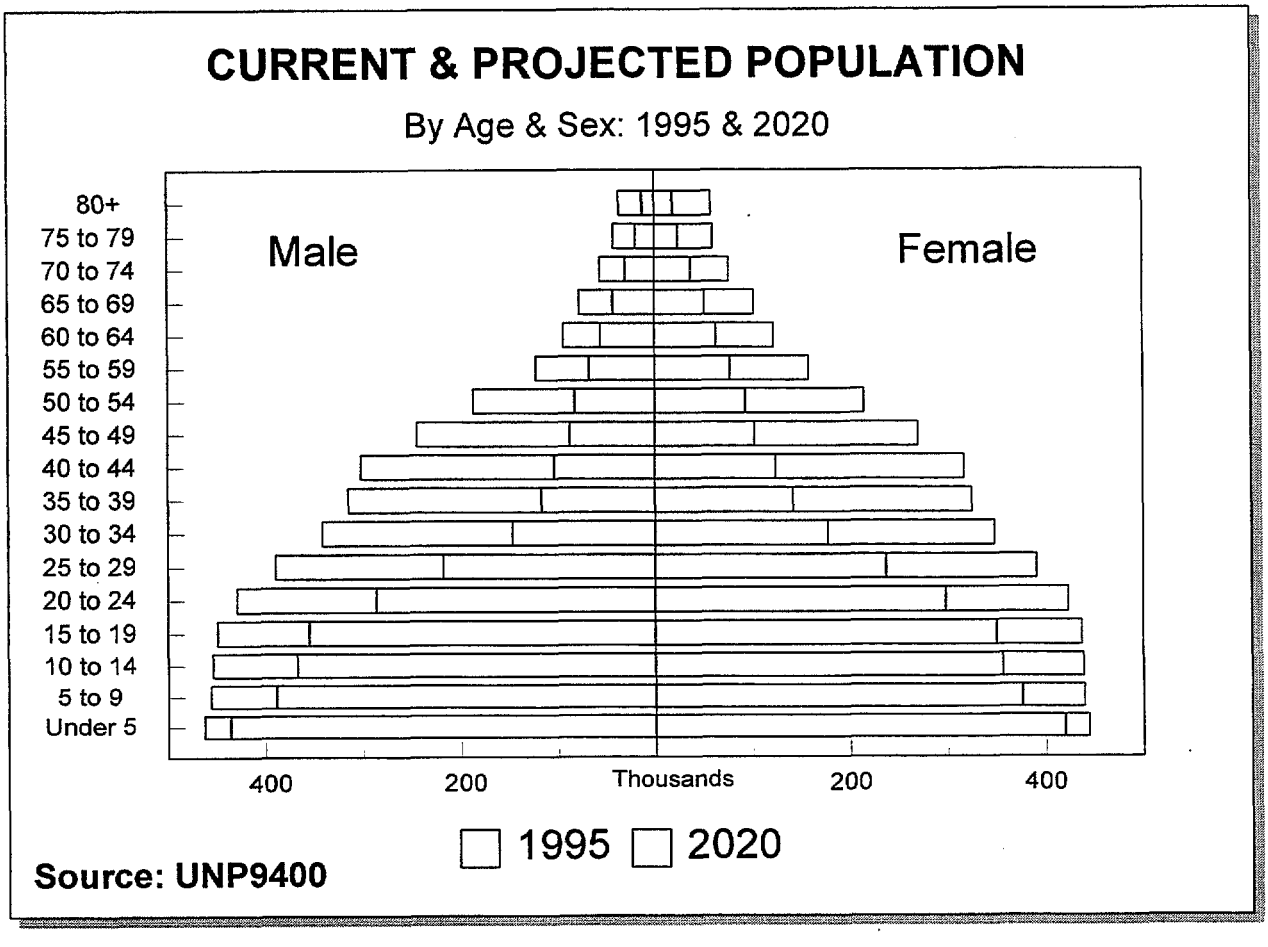
The relationship between IMR and TFR is currently a subject under review by the scientific community. While there is not conclusive evidence that the IMR and TFR are causally linked and necessarily decline together, there is empirical evidence for suspecting that such a reinforcing relationship exists as the pattern is observable in most countries.



Population Estimates/Pyramid

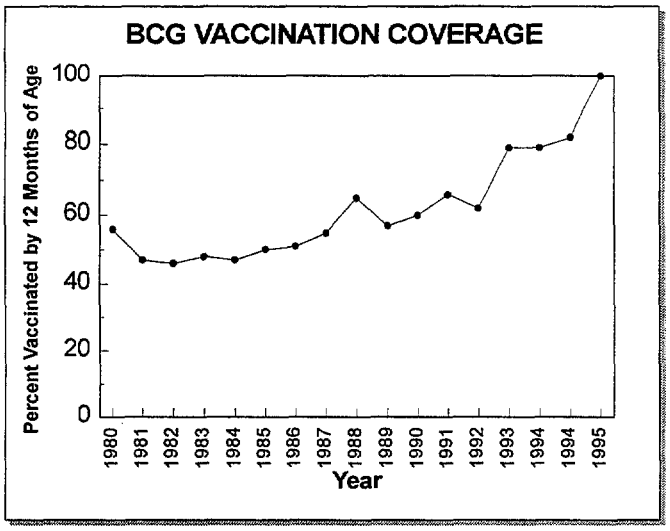
POPULATION ESTIMATES		
YEAR	VALUE	SOURCE
1960	2,574,133	BUC9401
1965	3,004,798	BUC9401
1970	3,583,137	BUC9401
1975	4,115,367	BUC9401
1980	4,655,300	BUC9401
1985	4,789,910	BUC9401
1990	5,303,210	BUC9401
1995	5,870,480	BUC9401
2000	6,458,660	BUC9401



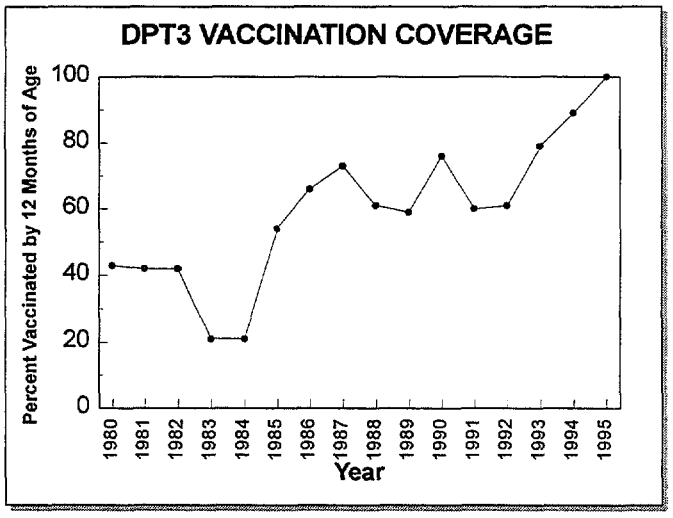


Trends in Selected Health and Child Survival Indicators

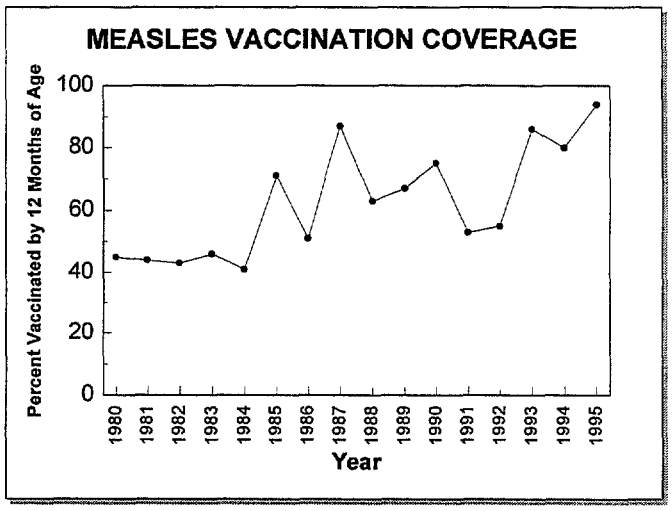
Vaccination Coverage Rates



BCG COVERAGE		
YEAR	PERCENT	SOURCE
1980	56	WHE8700
1981	47	WHE8700
1982	46	WHE8700
1983	48	WHE8900
1984	47	WHE8700
1985	50	WHE8701
1986	51	WHE8800
1987	55	WHE8900
1988	65	WHE8900
1989	57	WHE9001
1990	60	WHE9100
1991	66	WHE9200
1992	62	WHE9301
1993	79	WHE9403
1994	79	WHE9501
1994	82	WHE9502
1995	100	WHE9601

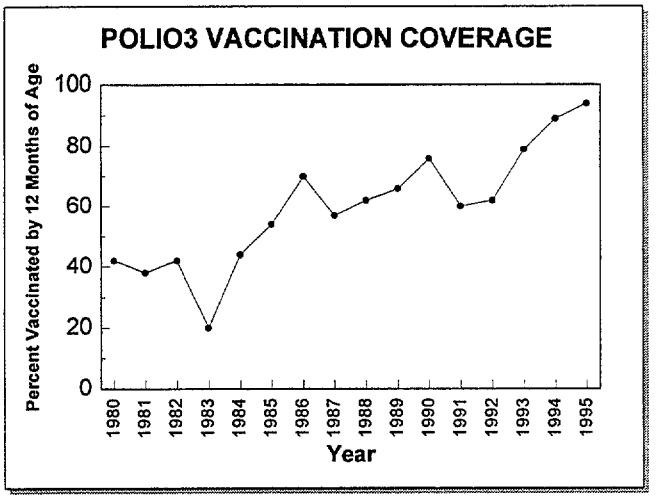


DPT3 COVERAGE		
YEAR	PERCENT	SOURCE
1980	43	WHE8700
1981	42	WHE8700
1982	42	WHE8700
1983	21	WHE8900
1984	21	WHE8700
1985	54	WHE8701
1986	66	WHE8800
1987	73	WHE8900
1988	61	WHE8900
1989	59	WHE9001
1990	76	WHE9100
1991	60	WHE9200
1992	61	WHE9301
1993	79	WHE9403
1994	89	WHE9502
1995	100	WHE9601

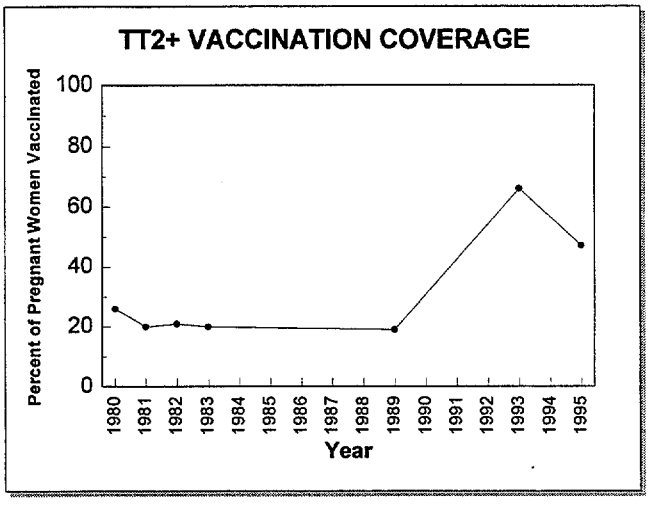


MEASLES COVERAGE		
YEAR	PERCENT	SOURCE
1980	45	WHE8700
1981	44	WHE8700
1982	43	WHE8700
1983	46	WHE8701
1984	41	WHE8700
1985	71	WHE8701
1986	51	WHE8800
1987	87	WHE8900
1988	63	WHE8900
1989	67	WHE9001
1990	75	WHE9100
1991	53	WHE9200
1992	55	WHE9301
1993	86	WHE9403
1994	80	WHE9502
1995	94	WHE9601

Vaccination Coverage Rates, continued

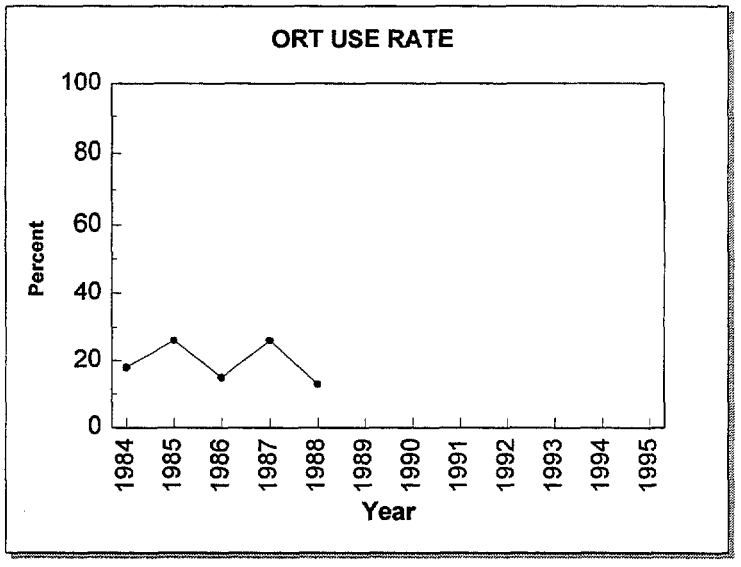


POLIO3 COVERAGE		
YEAR	PERCENT	SOURCE
1980	42	WHE8700
1981	38	WHE8700
1982	42	WHE8700
1983	20	WHE8900
1984	44	WHE8700
1985	54	WHE8701
1986	70	WHE8800
1987	57	WHE8900
1988	62	WHE8900
1989	66	WHE9001
1990	76	WHE9100
1991	60	WHE9200
1992	62	WHE9301
1993	79	WHE9403
1994	89	WHE9502
1995	94	WHE9601



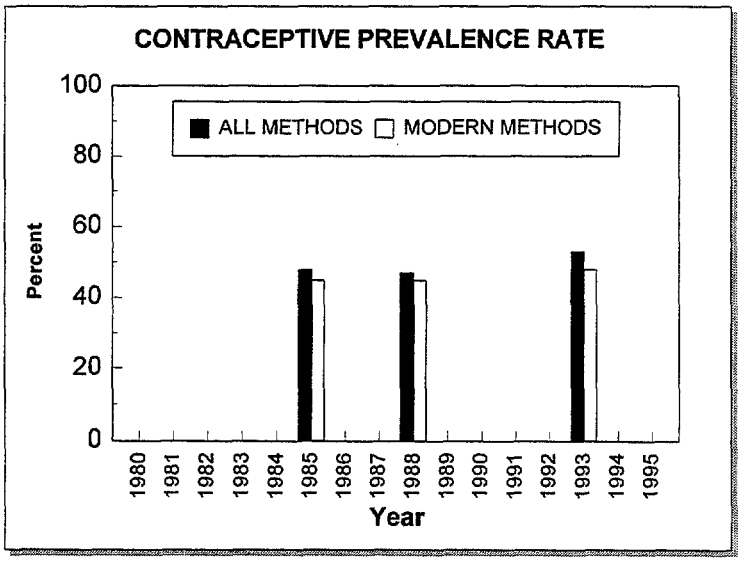
TT2+ COVERAGE		
YEAR	PERCENT	SOURCE
1980	26	WHE8700
1981	20	WHE8700
1982	21	WHE8700
1983	20	WHE8700
1984	NA	
1985	NA	
1986	NA	
1987	NA	
1988	NA	
1989	19	WHE9001
1990	NA	
1991	NA	
1992	NA	
1993	66	CDC9302
1994	NA	
1995	47	WHE9601

ORT Use Rate



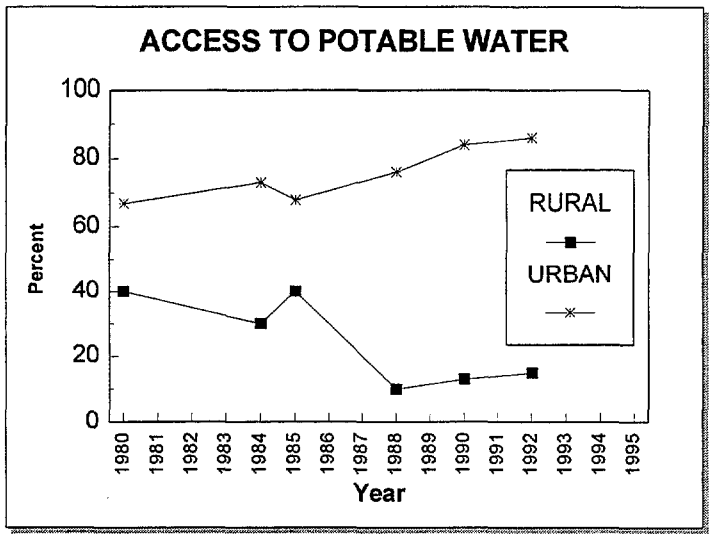
ORT USE RATE		
YEAR	PERCENT	SOURCE
1984	18	WHD8601
1985	26	DHS8703
1986	15	WHD8800
1987	26	WHD8900
1988	13	HHS8801
1989	NA	
1990	NA	
1991	NA	
1992	NA	
1993	NA	
1994	NA	
1995	NA	

Contraceptive Prevalence Rate



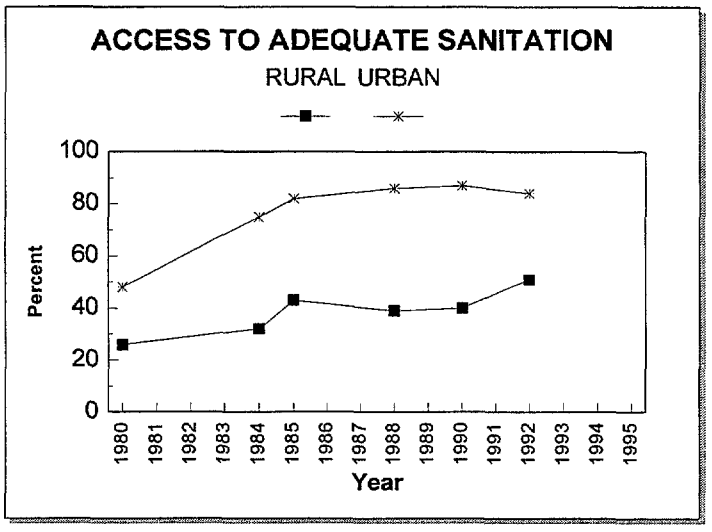
YEAR	METHODS	SOURCE	METHODS	SOURCE
1980	NA		NA	
1981	NA		NA	
1982	NA		NA	
1983	NA		NA	
1984	NA		NA	
1985	48	DHS8703	45	DHS8703
1986	NA		NA	
1987	NA		NA	
1988	47	HHS8801	45	HHS8801
1989	NA		NA	
1990	NA		NA	
1991	NA		NA	
1992	NA		NA	
1993	53	CDC9302	48	CDC9302
1994	NA		NA	
1995	NA		NA	

Access to Potable Water



YEAR	RURAL	SOURCE	URBAN	SOURCE
1980	40	AID9011	67	AID9011
1981	NA		NA	
1982	NA		NA	
1983	NA		NA	
1984	30	AID9011	73	AID9011
1985	40	WHO9101	68	WHO9101
1986	NA		NA	
1987	NA		NA	
1988	10	WHO9101	76	WHO9101
1989	NA		NA	
1990	13	AID9011	84	AID9011
1991	NA		NA	
1992	15	AID9320	86	AID9320
1993	NA		NA	
1994	NA		NA	
1995	NA		NA	

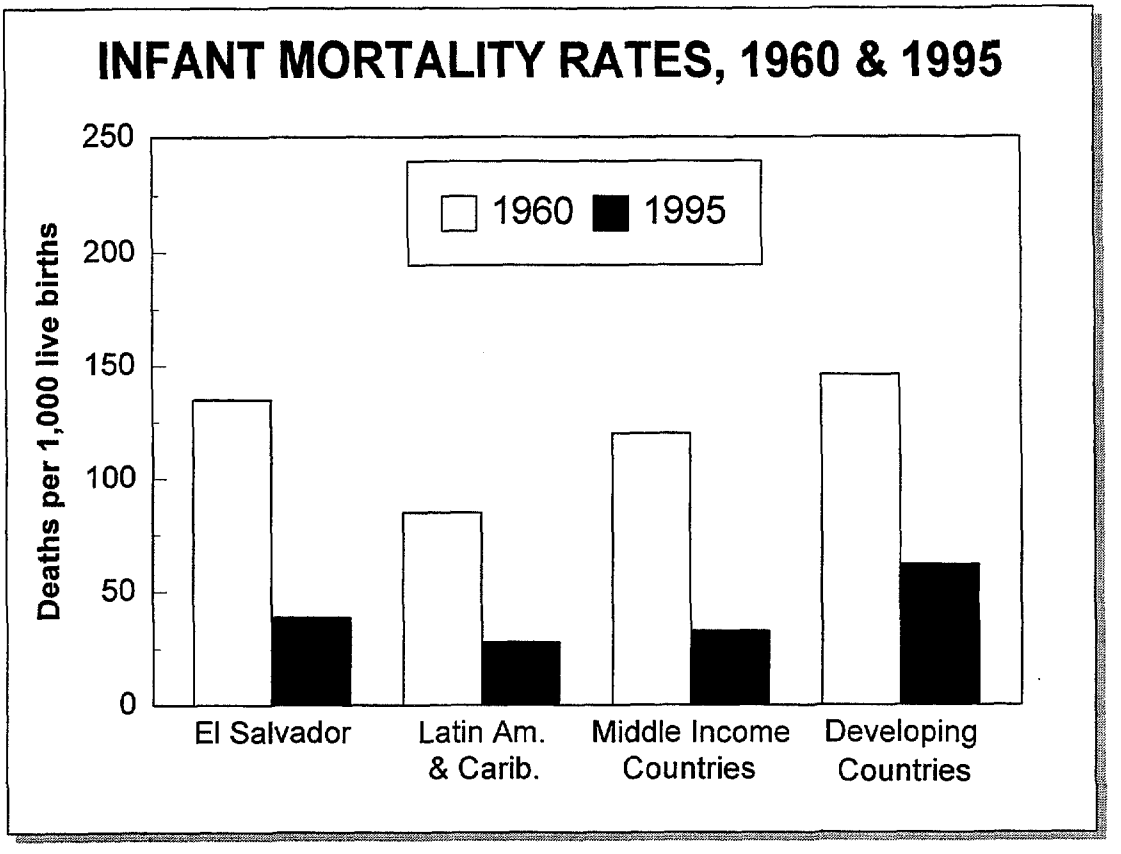
Access to Adequate Sanitation



YEAR	RURAL	SOURCE	URBAN	SOURCE
1980	26	AID9011	48	AID9011
1981	NA		NA	
1982	NA		NA	
1983	NA		NA	
1984	32	AID9011	75	AID9011
1985	43	WHO9101	82	WHO9101
1986	NA		NA	
1987	NA		NA	
1988	39	WHO9101	86	WHO9101
1989	NA		NA	
1990	40	AID9011	87	AID9011
1991	NA		NA	
1992	51	AID9320	84	AID9320
1993	NA		NA	
1994	NA		NA	
1995	NA		NA	

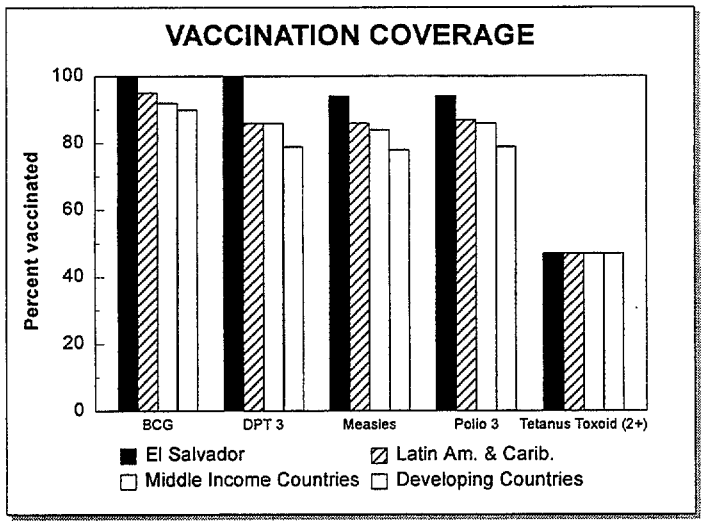
COMPARATIVE INDICATORS

Comparative Infant Mortality Rates



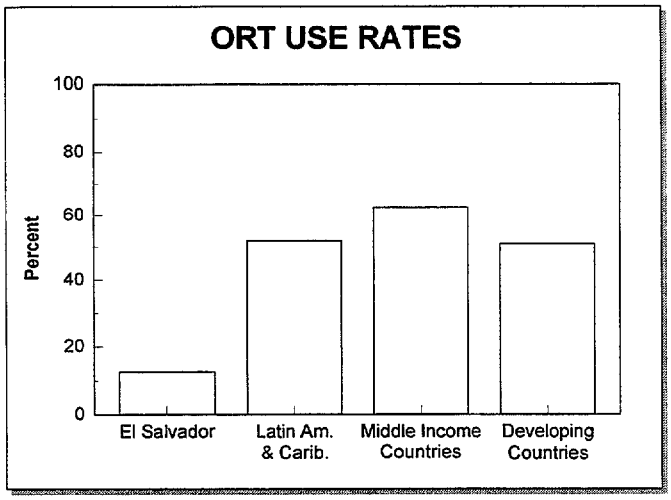
YEAR	1960	1995	Source
El Salvador	135	39	JEE9512
Median values for country groupings:			
Latin Am. & Carib.	85	28	CAL9606
Middle Income Countries	120	33	CAL9606
Developing Countries	146	62	CAL9606

Comparative Vaccination Coverage Rates



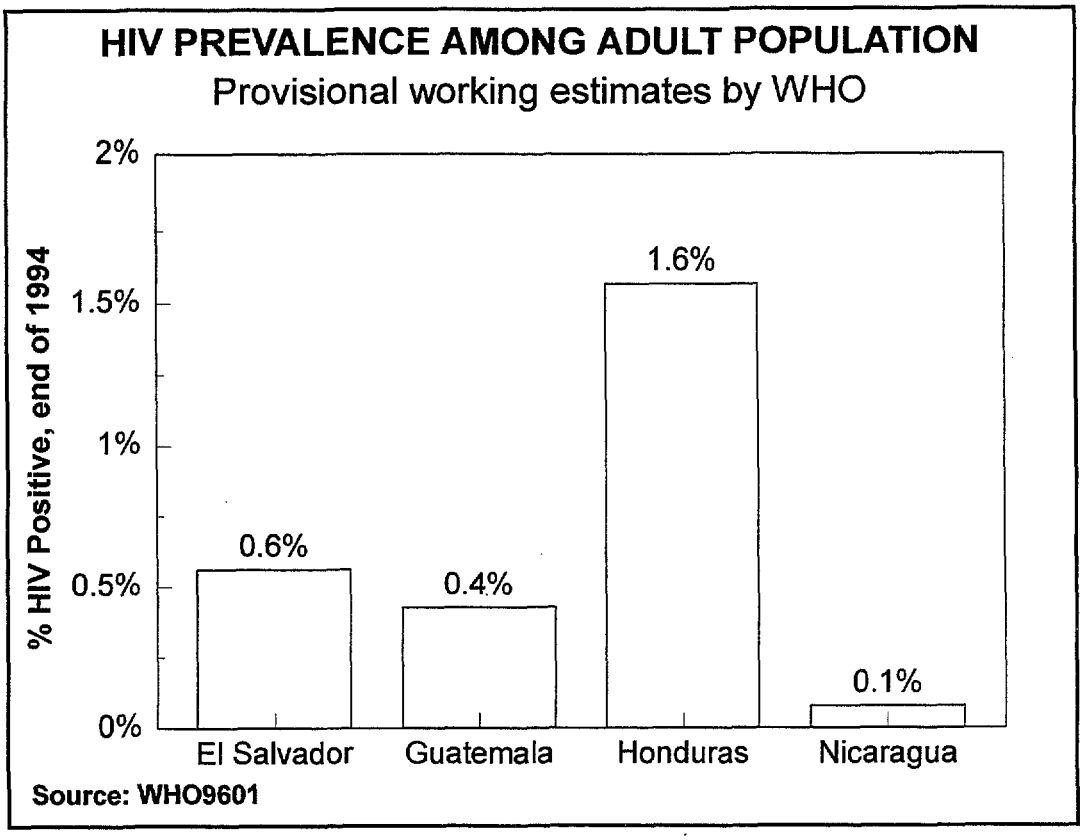
Vaccination Coverage	El Salvador	Year	Source	Median values for country groupings: (CAL9606)		
				Latin Am. & Carib.	Middle Income Countries	Developing Countries
BCG	100	1995	WHE9601	95	92	90
DPT 3	100	1995	WHE9601	86	86	79
Measles	94	1995	WHE9601	86	84	78
Polio 3	94	1995	WHE9601	87	86	79
Tetanus Toxoid (2+)	47	1995	WHE9601	47	47	47

Comparative ORT Use Rates



COUNTRY	ORT USE RATE	YEAR
El Salvador	13	1988
Source	HHS8801	
Median values for country groupings:		
Latin Am. & Carib.	52	1995
Middle Income Countries	63	1995
Developing Countries	51	1995
Source	CAL9606	

Human Immunodeficiency Virus (HIV) Prevalence Rates



II: DATA NOTES

I. Note On Mortality Estimation

Various organizations produce mortality estimates for the developing countries and regions. The three largest sources are the United Nations Population Division, the World Bank and the United States Bureau of the Census. CIHI's Health Statistics Database draws upon the work of these three larger organizations as well as other sources in order to reconcile the various estimates and provide the most reasonable current and historical estimates available.

CIHI has also created the only comprehensive time series of under-five mortality estimates for all developing countries. This has been accomplished by developing mathematical equations from empirical data that describe the relationship between infant and under-five mortality. Using these equations it is possible to make estimates of under-five mortality from infant mortality or *vice-versa*. More details regarding CIHI's methodology for specific data sets are provided in the source references.

II. Definitions

Demographic indicators:

Annual Infant Deaths: An estimate of the number of deaths occurring to children under age one in a given year.
Average Annual Rate of Population Growth: An estimate of the rate at which a population is increasing (or decreasing) in a given year.
Children Under Age 1: Mid-year estimate of the total number of children under age one.
Contraceptive Prevalence Rate: Estimate of the proportion of women aged 15 through 44 (sometimes 15 through 49) currently using a modern method of contraception. For some countries, this data is only available for women in union or married. Where sources fail to distinguish modern and traditional methods, the combined rate is shown.
Crude Birth Rate: An estimate of the number of live births per 1,000 population in a given year.
Crude Death Rate: An estimate of the number of deaths per 1,000 population in a given year.
Infant Mortality Rate: The estimated number of deaths in infants (children under age one) in a given year per 1,000 live births in that same year. This rate may be calculated by direct methods (counting births and deaths) or by indirect methods (applying well-established demographic models).
Life Expectancy At Birth: An estimate of the average number of years a newborn can expect to live. Low life expectancies in developing countries are in large part due to high infant mortality.
Maternal Mortality Rate (or Ratio): Estimated number of maternal deaths per 100,000 live births where a maternal death is one which occurs when a woman is pregnant or within 42 days of termination of pregnancy from any cause related to or aggravated by the pregnancy or its management. Extremely difficult to measure, maternal mortality can be derived from vital registration systems (usually underestimated), community studies and surveys (requires very large sample sizes) or hospital registration (usually overestimated).
Total Population: Mid-year estimate of total number of individuals in a country.
Total Fertility Rate: Estimate of the average number of children a woman would bear during her lifetime given current age-specific fertility rates.
Under 5 Mortality Rate: The estimated number of children born in a given year who will die before age five per 1,000 live births in that same year. May be calculated by direct or indirect methods.
Urban Population: Population living in urban areas as defined according to the national definiton used in the most recent population census.

Child survival indicators:

Adequate Nutritional Status: An individual child of a certain age is said to be adequately nourished if his/her weight is greater than the weight corresponding to "two Z-scores" (two standard deviations) below the median weight achieved by children of that age. The median weight and the distribution of weights around that median in a healthy population are taken from a standard established by the National Center for Health Statistics, endorsed by WHO. The indicator for the population as a whole is the proportion of children 12 through 23 months of age who are adequately nourished.
Complementary Feeding: An estimate of the proportion of infants six to nine months of age (181 days to 299 days) still breastfeeding but also receiving complementary weaning foods.
Continued Breastfeeding: An estimate of the proportion of children breastfed for at least one year. Values presented in this report are the proportion of children 12 to 15 months of age at the time of the survey still receiving breast milk.
DPT Drop-out Rate: An estimate of the proportion of living children between the ages of 12 and 23 months

who received at least one DPT vaccination but who did not receive the entire series of three vaccinations before their first birthdays.

Exclusive Breastfeeding: An estimate of the proportion of infants less than four months (120 days) of age who receive no foods or liquids other than breast milk.

ORS Access Rate: An estimate of the proportion of the population under age five with reasonable access to a trained provider of oral rehydration salts who receives adequate supplies. This indicator is particularly difficult to measure and may fluctuate dramatically as various methods of estimation are devised.

ORT Use Rate: Estimate of the proportion of cases of diarrhea in children under five treated with **ORS and/or RHF** (a recommended home fluid). ORT use may be determined using administrative means or surveys. Administrative estimates are generally based on estimates of the number of episodes of diarrhea in the target population for a given year and the quantity of ORS available; these estimates are highly sensitive to changes in estimates of the frequency of diarrhea episodes. Surveys more precisely focus on the actual behavior of mothers in treating diarrhea in the two-week period prior to the survey.

Vaccination Coverage In Children: Estimate of the proportion of living children between the ages of 12 and 23 months who have been vaccinated before their first birthday (three times in the cases of polio and DPT and once for both measles and BCG). Rates are calculated in two ways: Administrative estimates are based on reports of the number of inoculations of an antigen given during a year to children who have not yet reached their first birthday divided by an estimate of the pool of children under one year of age eligible for vaccination. Survey estimates are based on samples of children between the ages of 12 and 23 months.

Vaccination Coverage In Mothers: Estimate of the proportion of women in a given time period who have received two doses of tetanus toxoid (TT) during their pregnancies. A revised indicator, referred to as **TT2+**, is now commonly used to account for the cumulative effect of TT boosters. A woman and her baby are protected against tetanus when a mother has had only one or perhaps no boosters during a given pregnancy so long as the woman had received the appropriate number of boosters in the years preceding the pregnancy in question. (This number varies with number received previously and the time elapsed.) Rates are computed using administrative methods or surveys.

Other health sector indicators:

Access to Adequate Sanitation: Definitions vary over time. In the past, this has been an estimate of the proportion of the population with sanitation service provided through sewer systems or individual in-house or in-compound excreta disposal facilities (latrines). After WHO changed its indicators and definitions in the late 1980s, this is now defined as the proportion with reasonable access to sanitary means of excreta and waste disposal, including outdoor latrines and composting.

Access to Health Services: An estimate of the proportion of the population that can reach appropriate local health services by local means of transport in no more than one hour. Recently WHO has revised its definition to the proportion of the population having treatment for common diseases and injuries and a regular supply of the essential drugs on the national list within one hour's walk or travel.

Access to Safe Water: Proportion of the population with reasonable access to safe water supply, including treated surface waters or untreated but uncontaminated water such as that from springs, sanitary wells or protected boreholes. Reporting can be highly subjective. Varying definitions are used for reasonable access in urban/rural areas:

Access to Safe Water, Urban: Estimate of the proportion of all persons living in urban areas (defined roughly as population centers of 2,000 or more persons) who live within 200 meters of a standpipe or fountain source of water.

Access to Safe Water, Rural: Estimate of the proportion of all persons not living in urban areas with a source of water close enough to home that household members do not spend a disproportionate amount of time fetching water.

Births Attended by Trained Personnel: An estimate of the proportion of births attended by at least one physician, nurse, midwife, trained primary health care worker, or trained birth attendant.

HIV Prevalence: Estimate of the proportion of a given population infected with HIV.

III: SOURCES

AID9011 Water and Sanitation for Health Project, U.S. Agency for International Development. WASH Field Report No. 334: Planning For Water and Sanitation Programs in Central America, August 1991.

AID9320 Water and Sanitation for Health Project. U.S. Agency for International Development. 1993 Update: Planning for Water and Sanitation Programs In Central America. WASH Field Report No. 404. September, 1993.

BUC9302 Time series estimates of Infant Mortality generated by applying the ratio of the BUCEN estimate for 1992 to the World Population Prospects estimate for 1992 to the annual values dating back to 1950 as estimated in the World Population Prospects. Under 5 Mortality estimates are calculated by applying the appropriate Coale-Demeny model to the Infant Mortality estimates.

BUC9401 U.S. Bureau of the Census (BUCEN). International Data Base. Version dated March, 1994.

CAL9512 Calculated medians for aggregates of countries using best available data from the CIHI Health Statistics Database.

CAL9602 Calculations of the annual number of women in the population ages 15-49. For each country, a percentage was derived from UN data on total population and women 15-49 and the percentage was then applied to the preferred estimate of total population.

CAL9603 Calculated number of live births to women of reproductive years (15-49) in 1995. Calculated from the population multiplied by the crude birth rate for each country.

CAL9604 Calculated number of deaths occuring to children under the age of 1 in a given year (1995). Figures based on the number of births multiplied by the infant mortality rate.

CAL9606 Median value for aggregate of countries. Calculated using most recent preferred indicator values for all countries in the aggregate.

CDC9302 Asociacion Demografica Salvadorena and Centers for Disease Control and Prevention. Encuesta Nacional De Salud Familiar: FESAL-93. Informe Preliminar. Septiembre de 1993.

DHS8703 Asociacion Demografica Salvadorena, and Institute for Resource Development/Westinghouse. Encuesta Nacional de Salud Familiar (FESAL-85). Columbia, MD: 1987.

HHS8801 U.S. Department of Health and Human Services, Centers for Disease Control (CDC) and Asociacion Demografia Salvadorena. El Salvador 1988 Family Health Survey Final English Language Report. Atlanta, GA: CDC.

INC9000 Asociacion Demografica Salvadorena (ADS), Ministerio de Salud Publica y Asistencia Social (MSPAS), and Instituto de Nutricion de Centro America y Panama (INCAP). Evaluacion de la Situacion Alimentaria Nutricional en El Salvador. June, 1990.

JEE9507 Under Five Mortality Rate (5q0) calculated from Infant Mortality Rate (1q0) using the "ABSS" (all but Sub-Saharan Africa) equation: 5q0 = 1.14855*((1q0)^1.04799).

JEE9512 Infant mortality curve based on BUC9302 estimates supplemented by UNP9400 estimates.

PAH9100 Sistema de Informacion del P.A.I. data, December 19, 1991 as cited in facsimile, December 12, 1991.

PRB9601 Population Reference Bureau. World Population Data Sheet, 1996.

UNI9601 United Nations Children's Fund (UNICEF) and World Health Organization (WHO). Revised 1990 Estimates of Maternal Mortality: A New Approach by WHO and UNICEF, April, 1996.

UNP9400 Department of International Economic and Social Affairs, United Nations. World Population Prospects 1994. (Tape) New York: UN, 1994.

WHD8601 World Health Organization. Programme for Control of Diarrhoeal Diseases. Management Information System Report, March, 1986. Geneva: WHO.

WHD8800 WHO/CDD: Sixth Programme Report 1986-1987. (WHO/CDD/88.28) Geneva: WHO, 1988.

WHD8900 WHO/CDD: Programme Report (WHO/CDD/89.31) Geneva: WHO, 1989.

WHD9100 WHO/CDD: Interim Programme Report 1990. (WHO/CDD/91.36) Geneva: WHO, 1991.

WHE8700 World Health Organization. Expanded Programme on Immunization Information System Report, January 1987. Geneva: WHO, 1987.

WHE8701 WHO/EPI Information System Report, July 1987. Geneva: WHO, 1987.

WHE8800 World Health Organization. Expanded Programme on Immunization Information System Report, January 1988. Geneva: WHO, 1988.

WHE8900 WHO/EPI Information System Report, July 1989. (WHO/EPI/GEN/89.2) Geneva: WHO, 1989.

WHE9001 WHO/EPI Information System Report, July 1990. (WHO/EPI/CEIS/90.2) Geneva: WHO, 1990.

WHE9100 WHO/EPI Information System Report, April 1991. (WHO/EPI/CEIS/91.1) Geneva: WHO, 1991.

WHE9200 WHO/EPI Information System Report, April 1992. (WHO/EPI/CEIS/92.1) Geneva: WHO, 1992.

WHE9301 Facsimile from WHO/EPI of the pages in the 9/93 report of the WHO EPI Information System containing the most current vaccination coverage rates. September 24, 1993.

WHE9403 Download of WHO/EPI vaccination coverage files from INTERNET, August 29, 1994.

WHE9501 Download of WHO/EPI vaccination coverage files from INTERNET, April 6, 1995.

WHE9502 Download of WHO/EPI vaccination coverage files from INTERNET, September 20, 1995.

WHE9601 Download from WHO/EPI vaccination coverage files from INTERNET, June 30, 1996.

WHO9101 World Health Organization. World Health Organization Disk: Water Supply and Sanitation Service Coverage. Geneva: WHO, October 29, 1991.

WHO9601 World Health Organization, Global Programme on AIDS. The Current Global Situation of the HIV/AIDS Pandemic, 15 December 1995.

El Salvador
International boundary
Department boundary
National capital
Department capital
Railroad
Road
0 10 20 30 Kilometers
0 10 20 30 Miles
90
89
88
14
GUATEMALA
HONDURAS
NICARAGUA
SANTA ANA
AHUACHAPÁN
SONSONATE
LA LIBERTAD
CHALATENANGO
CUSCATLÁN
CABAÑAS
SAN SALVADOR
LA PAZ
SAN VICENTE
USULUTÁN
SAN MIGUEL
MORAZÁN
LA UNIÓN
El Progreso
Chiquimula
Jalapa
Ipala
Esquipulas
Monjas
Asunción Mita
Jutiapa
Metapán
Citalá
Nueva Ocotepeque
Santa Rosa de Copán
Cucuyagua
Gracias
San Sebastián
San Juan
Marcala
Lepaterique
Tejutla
Texistepeque
Chalatenango
Santa Cruz
Chalchuapa
Santa Ana
Ahuachapán
La Hachadura
Aguilares
Suchitoto
Victoria
Sensuntepeque
Ilobasco
Quezaltepeque
Apopa
Sonsonate
Armenia
Nueva San Salvador
San Salvador
Cojutepeque
San Vicente
Sesori
San Francisco
Lislique
Santa Rosa de Lima
Acajutla
Comalapa
Zacatecoluca
El Triunfo
San Miguel
El Carmen
La Unión
Nacaome
San Lorenzo
La Libertad
La Herradura
La Canoa
Usulután
Puerto El Triunfo
Intipucá
El Cuco
Lago de Güija
Lago de Coatepeque
Lago de Ilopango
Lago de Olomega
Río Paz
Río Lempa
Río Sumpul
Río Mejicote
Río Guajiquiro
Río Torola
Río Grande de San Miguel
Río Goascorán
Río Jiboa
Río Grande
Boundary representation is not necessarily authoritative.