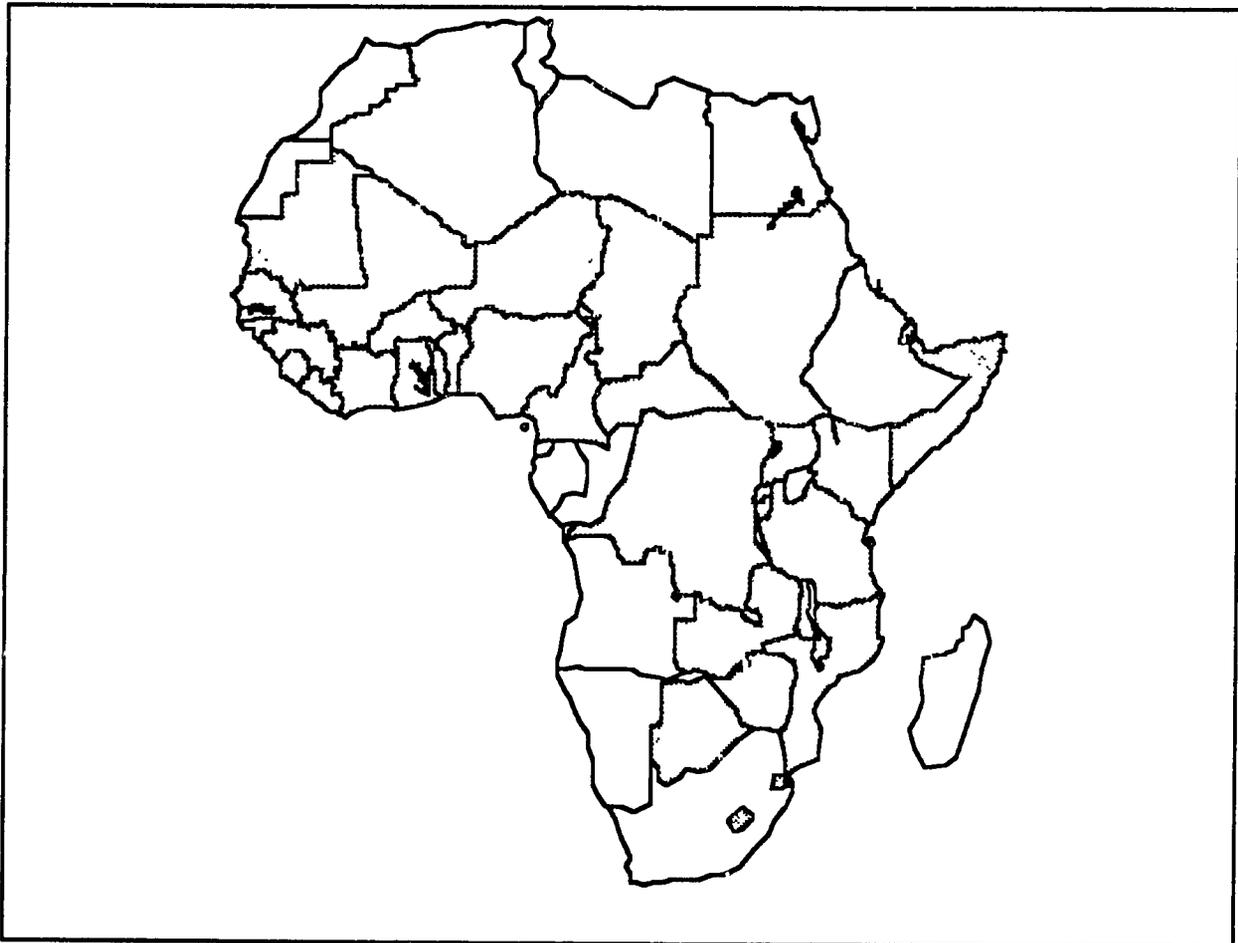


Selected Health and Demographic Statistics

USAID Assisted Countries

Africa

October 1989



Center for International Health Information
USAID Health Information System
1601 N. Kent Street
Suite 1001
Arlington, Virginia 22209
(703) 524-5225

The Center for International Health Information, a division of ISTI, operates the USAID Health Information System under the Child Survival Action Program – Support project, #936-5951.13, contract number DPE 5951-Z-00-8004-00 with the Office of Health, Bureau of Science and Technology, U.S. Agency for International Development.

The Center for International Health Information
Barton R. Burkhalter, Ph.D., Director
1601 N. Kent Street, Suite 1001
Arlington, VA 22209
(703) 524-5225
FAX (703) 243-4669

Data for the following countries are included in this report:

Benin
Botswana
Burkina Faso
Burundi
Cameroon
Central African Republic
Chad
Côte d'Ivoire
Djibouti
Gambia
Ghana

Guinea
Kenya
Lesotho
Liberia
Malawi
Mali
Mauritania
Mozambique
Niger
Nigeria
Rwanda

Senegal
Sierra Leone
Somalia
Sudan
Swaziland
Tanzania
Togo
Uganda
Zaire
Zambia
Zimbabwe

DATA NOTES

1) POPULATION, MORTALITY AND OTHER DEMOGRAPHIC INDICATORS

Almost without exception, estimates of both population, infant mortality and the other demographic indicators used to monitor A.I.D.'s Child Survival Program are taken or derived from World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations. That office prepares three different estimates, one based on a set of assumptions leading to a "low" projection; one to a "medium" projection; and one to a "high" projection. The figures presented in the graphs and on the accompanying table of the most current values are those of the "medium" projection. Except for the "Total Population" estimate, the other demographic indicators are published for five year periods. Annual figures are computed by linear interpolation between the five year estimates.

The **Total Fertility Rate** is the average number of children a woman would bear during her lifetime given current age-specific fertility rates.

The **Infant Mortality Rate** is the estimated number of deaths in infants (children under 1) in a given year per 1,000 live births in that same year.

Although acknowledged as one of the best indicators of "development", the infant mortality rate is one of the more difficult to calculate. One problem inherent in the definition of the indicator is the fact that some portion of the deaths in the given year are occurring among children born in the previous year; that is the numerator of the indicator is determined in a different cohort of children than is the denominator. Estimates are generally made for a three or five year period to minimize the effects of this inherent weakness. For this reason, efforts to observe annual trends in this indicator can be misleading.

A term lacking a generally accepted definition, the **Child Mortality Rate** is the probability of a child who has survived to age 1 dying between the ages 1 and 5 (sometimes written as 4q1). In the graphs depicting mortality rates, rather than expressing the rate as a probability, it is expressed as the number of children per 1,000 who survive to age 1 who ultimately die before reaching age 5. Note, Child Mortality is not one of the indicators used to monitor A.I.D.'s Child Survival Program. Estimates of the Child Mortality Rate are taken from Mortality of children under age 5: World Estimates and Projections, 1950-2025, Population Studies No. 105, Department of International Economic and Social Affairs, ST/ESA/SER.A/105.

2) VACCINATION COVERAGE RATES

Vaccination Coverage in children is defined as the proportion of living children between 12 and 23 months of age who have been vaccinated, before their first birthday: three times in the cases of polio and DPT and once in the cases of Measles and BCG. The primary source of national vaccination coverage rates is the World Health Organization Expanded Programme on Immunization Report EPI/MISC/89.2.

The results of the Demographic and Health Surveys, published by the Institute for Resource Development/Westinghouse are shown on the graphs where available. Because these surveys report a rate based only on children with vaccination cards, two points are shown on the graphs; one assuming that all children have been vaccinated at the same rate as those holding cards and the other assuming that none of the children without cards have been vaccinated.

Most frequently, WHO derives its estimates by first calculating the denominator of the above proportion by estimating the population in a country which survives the first year of life. The numerator, or number of children vaccinated, is determined from routine reports within the country. These are called estimates from routine reporting systems. These estimates may or may not conform strictly to the above definition, depending on the degree to which routine reporting systems distinguish children vaccinated by 12 months of age from those vaccinated later in life. Where cluster surveys of children are carried out, WHO reports the coverage as determined by those surveys. These surveys generally sample 30 clusters of 7 children between the ages of 12 and 23 months of age. Estimates derived from such surveys may or may not distinguish among children vaccinated before their first birthdays and those vaccinated after.

The **Tetanus II Vaccination Coverage Rate** is the percentage of women who have delivered babies in a given time period who have received two doses of tetanus toxoid during their pregnancies. This indicator is currently under review in the health community as it is not necessary for a pregnant woman to receive two shots during a pregnancy to be protected. Tetanus toxoid boosters have a cumulative effect. Thus, for example, a woman who has received one shot in each of three pregnancies over five years is also protected. As programs have gained momentum in the developing world, instances where mothers are protected because of the cumulative effect of the vaccine are becoming more and more common. New indicators which capture the rate at which women are protected rather than monitor the recent activity level in the vaccination program are under consideration.

3) ORS ACCESS AND CRT USE RATES

The **ORS Access Rate** is the estimated proportion of the population under age 5 with reasonable access to a trained provider of ORS who receives adequate supplies. The **ORT Use Rate** is the proportion of all cases of diarrhea in children under age 5 treated with ORS and/or a recommended home fluid. The primary source of information regarding these indicators is the World Health Organization Programme for the Control of Diarrheal Disease. Where available, the results of surveys are reported, especially where DHS surveys have been completed.

ORS Access is an extremely difficult indicator to measure consistently, either over time or across countries. In a recent informal communication with WHO, it was noted that the widely fluctuating access rates in some countries, particularly those where access is reported to be declining, reflects the improving capacity to measure this indicator rather than any "real" underlying trend.

The ORT Use Rate is rarely estimated directly. Estimates derived from routine reporting systems begin with an estimate of the number of cases of diarrhea afflicting the under 5 population derived from population estimates and assumed diarrhea incidence rates in children. Combined with knowledge of the quantity of ORS available, estimates of ORT Use can be derived. An alternative method of determining a value for this indicator is through surveys. Generally, surveys determine the proportion of cases occurring during the two weeks preceding the survey treated with ORT. As more and more surveys are completed worldwide, greater knowledge regarding the use of home solutions should become available.

4) CONTRACEPTIVE PREVALENCE

The **Contraceptive Prevalence Rate** is the percent of women aged 15-44 years, or in some countries, 15-49 years, in union or married, currently using a modern method of contraception. A number of sources are cited in the tables containing the most current values for the Child Survival indicators.

5) 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 2 "Z-scores" (standard deviations) below the median for children of that age as set in the standard established by the National Center For Health Statistics. In the tables containing the most current values of the indicators, the statistics presented refer to the percentage of all children, 12 to 23 months of age, who are adequately nourished. Very little

current data exists for this indicator save for those DHS surveys during which infants and young children were weighed and measured.

6) APPROPRIATE INFANT FEEDING

The **Rate Of Appropriate Infant Feeding** is the proportion of infants (children under age 1) being breastfed and receiving other foods at an appropriate age according to the following criteria: breastfed through infancy with no bottlefeeding, and exclusively breastfed if less than three months of age, and receiving other foods if six months of age or older. Currently, the only source of data for this indicator is the DHS, and then, only when a special analysis is undertaken.

September 29, 1989

BENIN

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	4,592,000	1989	A
Infant Mortality Rate	107/1000	1989	A
Life Expectancy At Birth	47 years	1989	A
Children Under Age 1	69,000	1989	A
Annual Infant Deaths	25,000	1989	A
Total Fertility Rate	7.0	1989	A

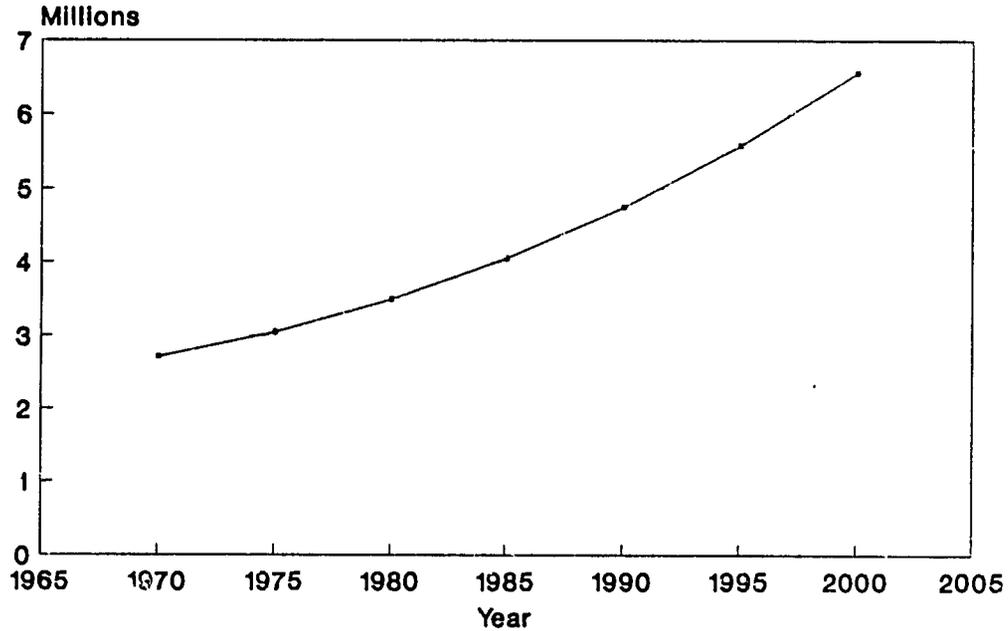
Child Survival Indicators

Immunization Coverage			
BCG	53%	1987	B
Polio III	29%	1987	B
DPT III	29%	1987	B
Measles	30%	1987	B
Tetanus II	42%	1987	B
Oral Rehydration Therapy			
ORS Access Rate	30.0%	1987	C
ORT Use Rate	25.5%	1987	C
Contraceptive Prevalence	9%	1981/81	D
Adequate Nutritional Status	N/A		
Appropriate Infant Feeding	N/A		

-
- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

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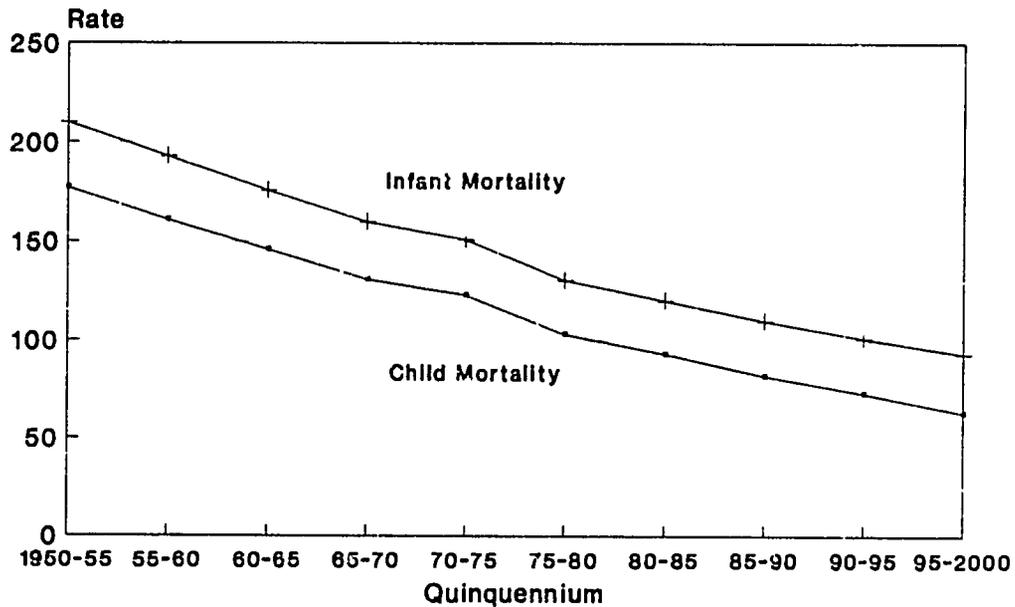
POPULATION ESTIMATES BENIN



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

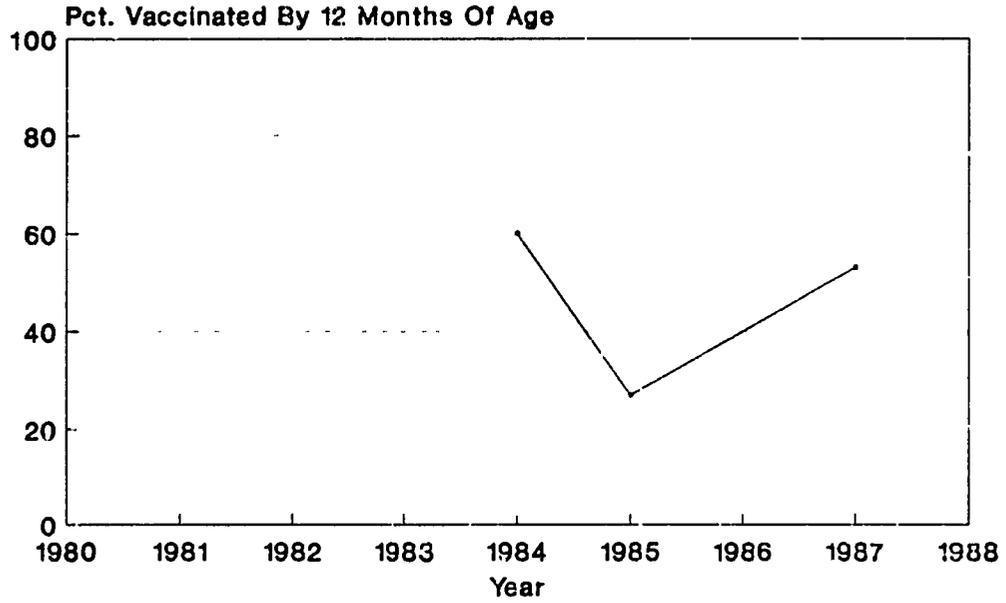
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN BENIN



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

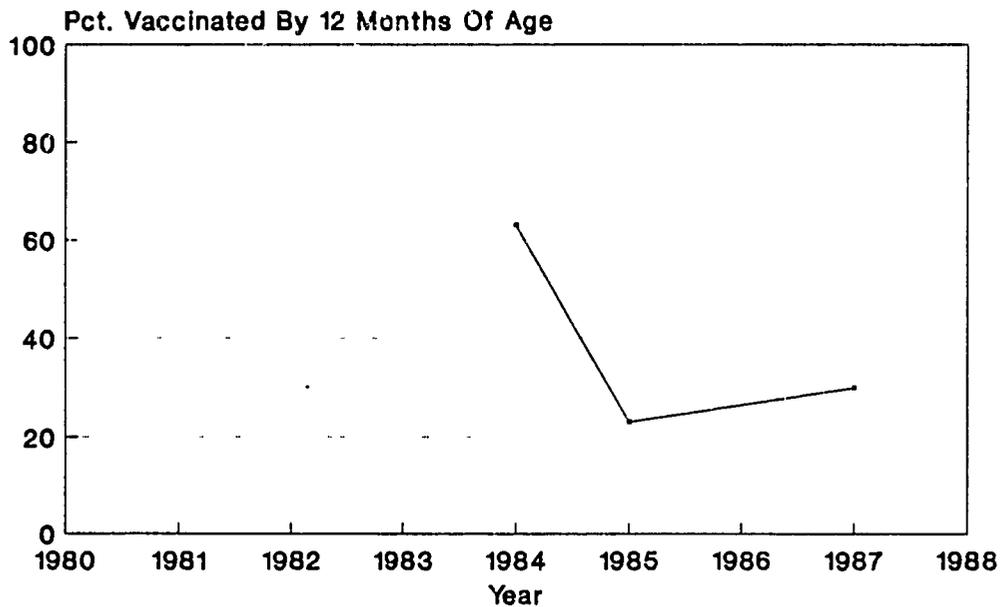
BCG VACCINATION COVERAGE RATES IN BENIN



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN BENIN

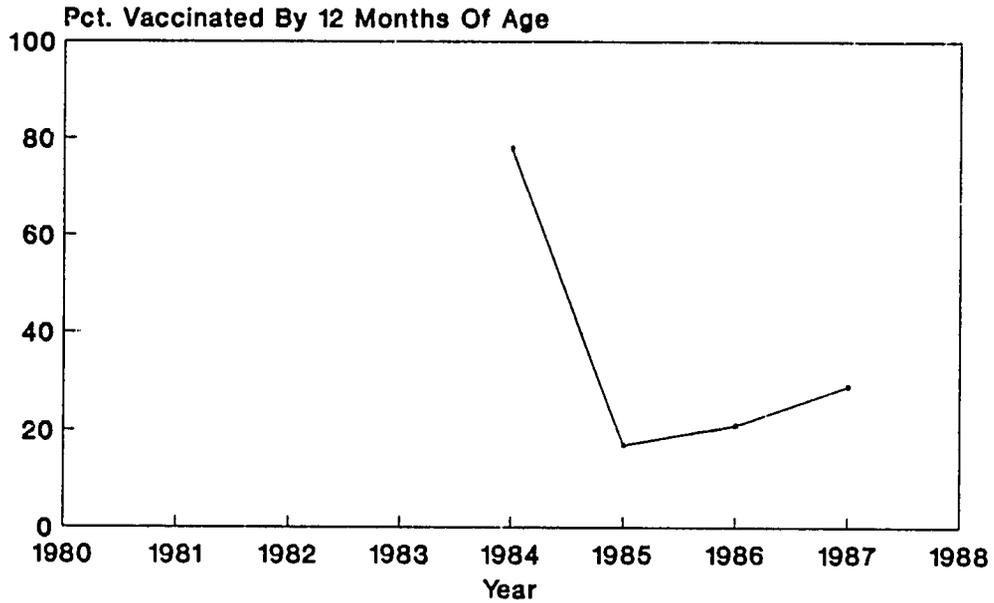


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

7.

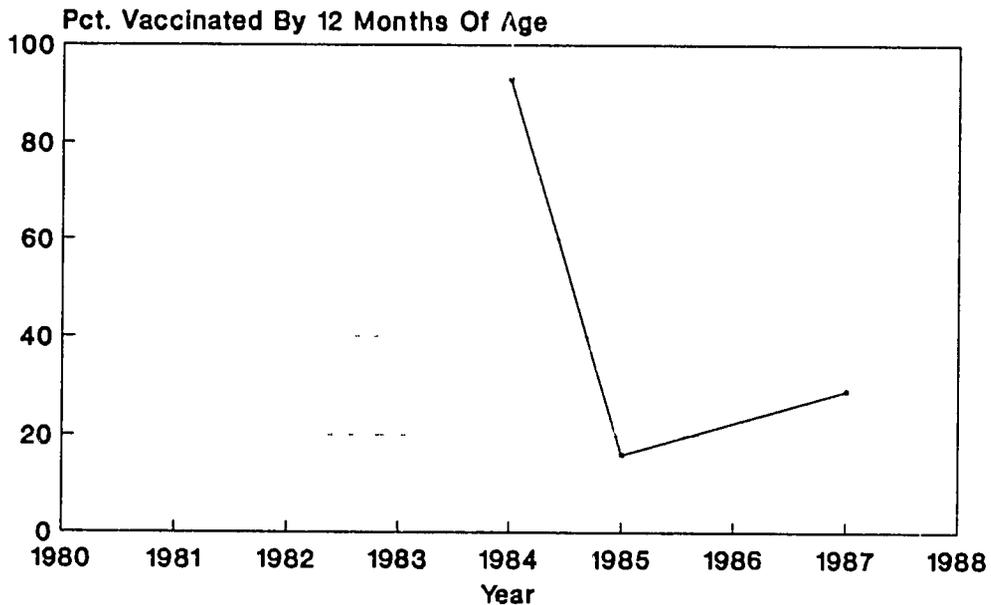
DPT III VACCINATION COVERAGE RATES IN BENIN



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

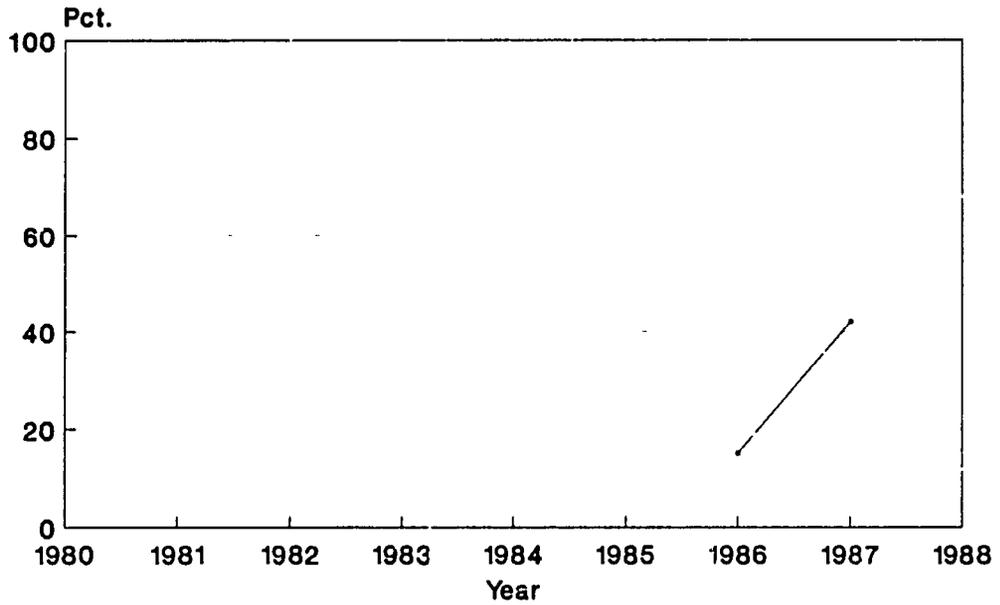
POLIO III VACCINATION COVERAGE RATES IN BENIN



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

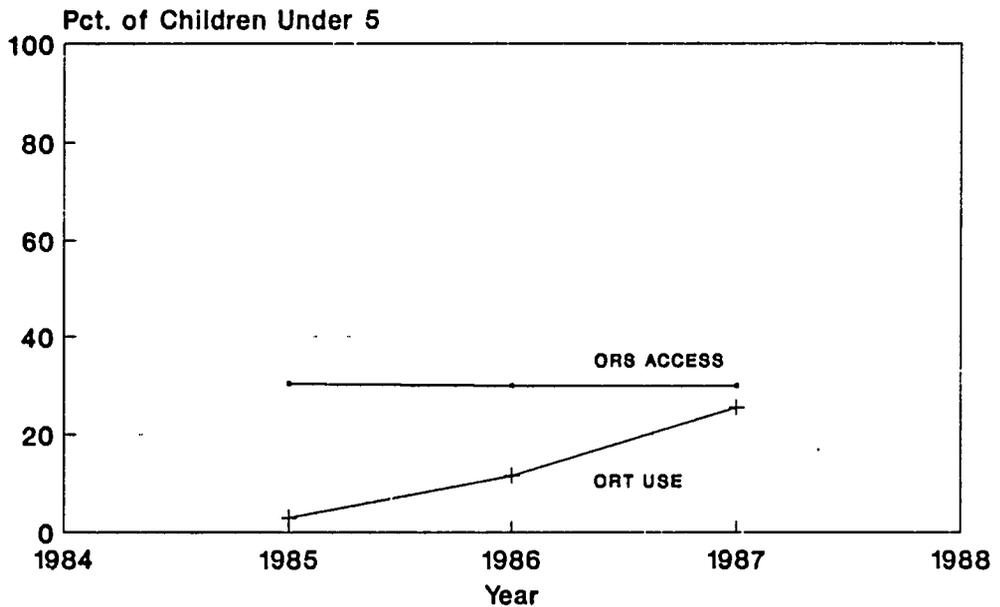
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN BENIN



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN BENIN



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 9, 1989

BOTSWANA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	1,241,000	1989	A
Infant Mortality Rate	64/1000	1989	A
Life Expectancy At Birth	59 years	1989	A
Children Under Age 1	55,000	1989	A
Annual Infant Deaths	4,000	1989	A
Total Fertility Rate	6.6	1989	A

Child Survival Indicators

Immunization Coverage ¹			
BCG	98.6%	1988	D
Polio III	94.0%	1988	D
DPT III	92.1%	1988	D
Measles	92.6%	1988	D
Tetanus II	16.0%	1986	B
Oral Rehydration Therapy			
ORS Access Rate	89.9%	1987	C
ORT Use Rate	71.7%	1988	D
Contraceptive Prevalence	28.9%	1984	D
Adequate Nutritional Status	N/A		
Appropriate Infant Feeding	N/A		

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

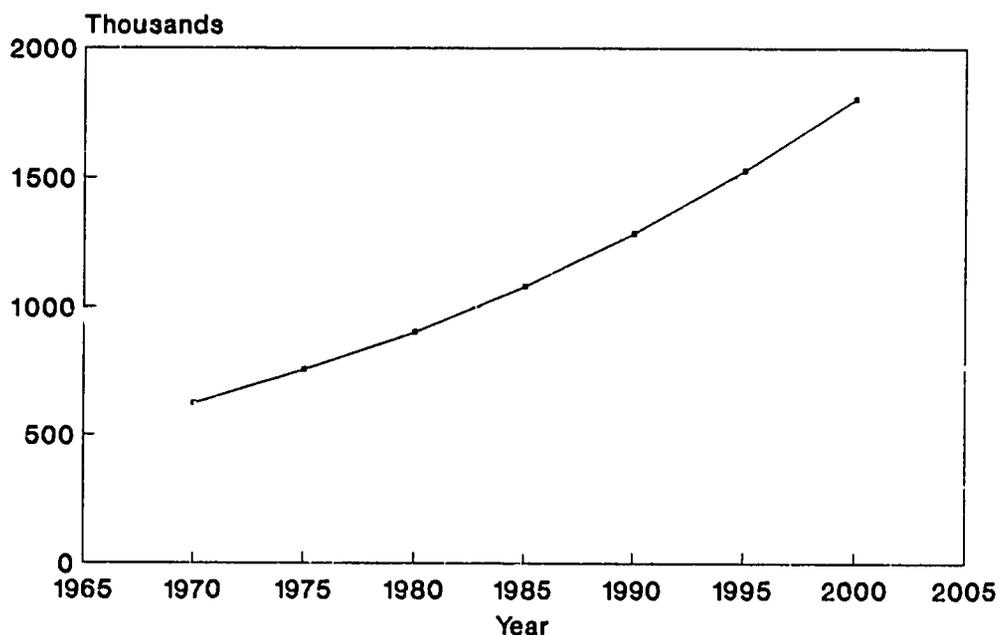
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D Family Health Survey II: 1988, Demographic and Health Surveys, Inst. for Resource Development/Macro Systems, Inc.

¹Coverage estimates for BCG, Polio III, DPT III, and Measles are rates for the 74.2% of all children surveyed holding vaccination cards.

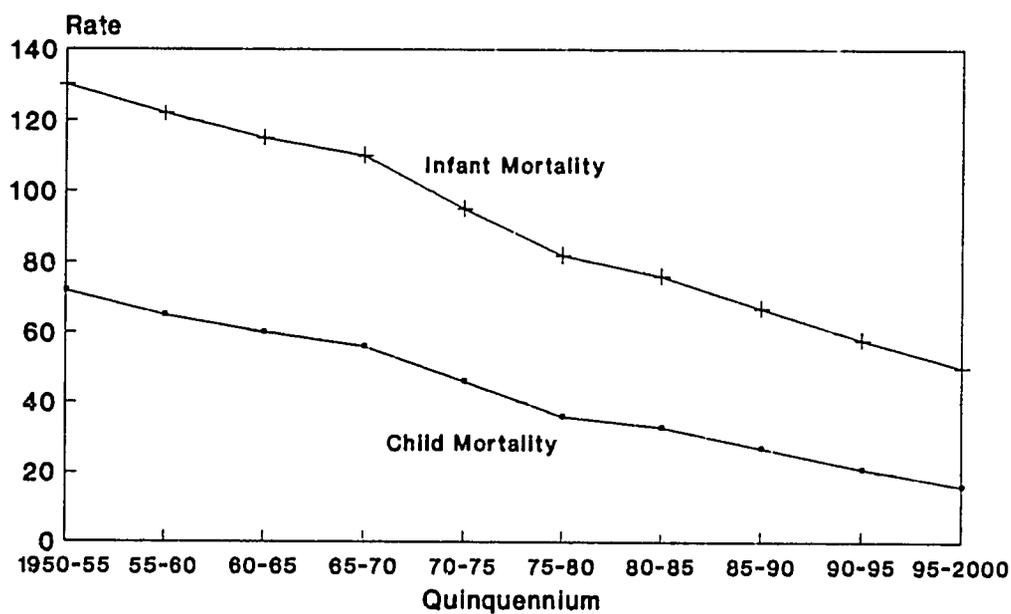
POPULATION ESTIMATES BOTSWANA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

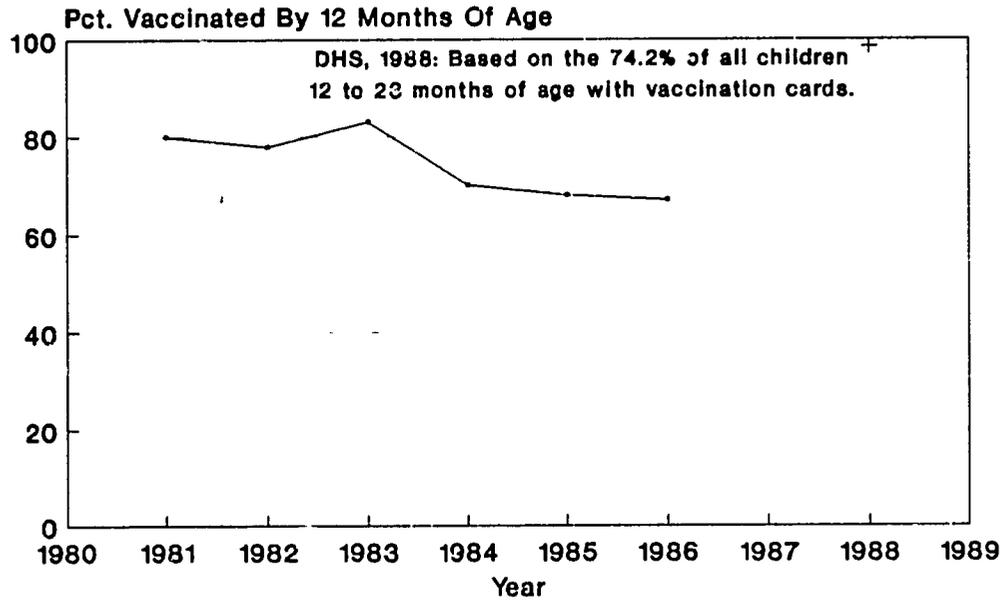
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN BOTSWANA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

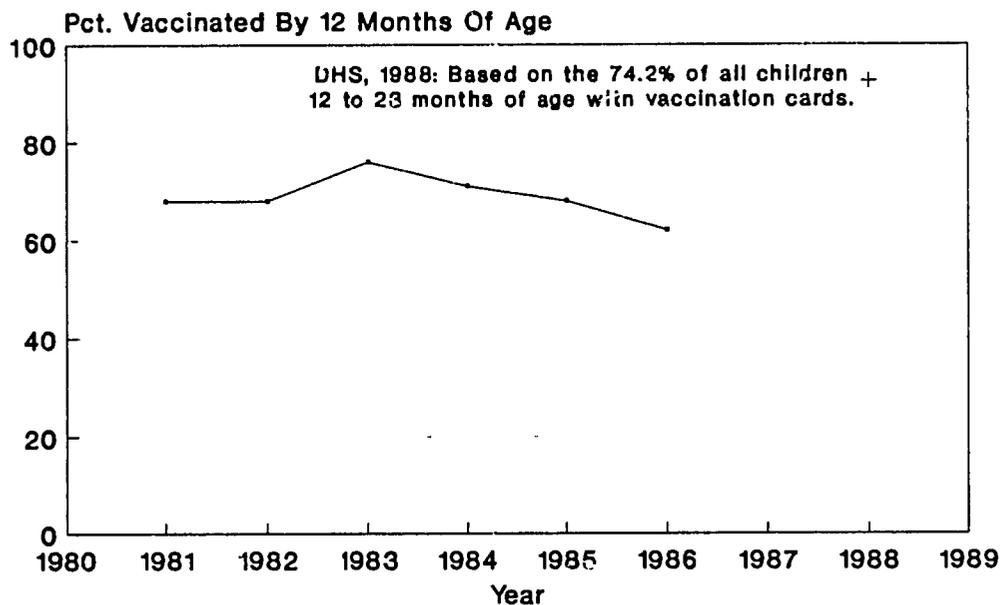
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN BOTSWANA



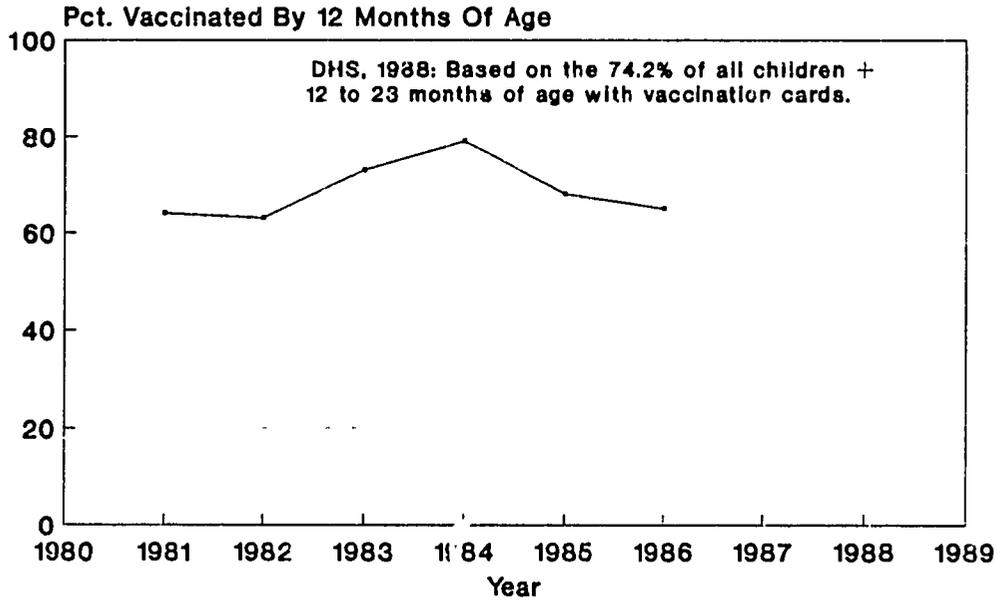
Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

MEASLES VACCINATION COVERAGE RATES IN BOTSWANA



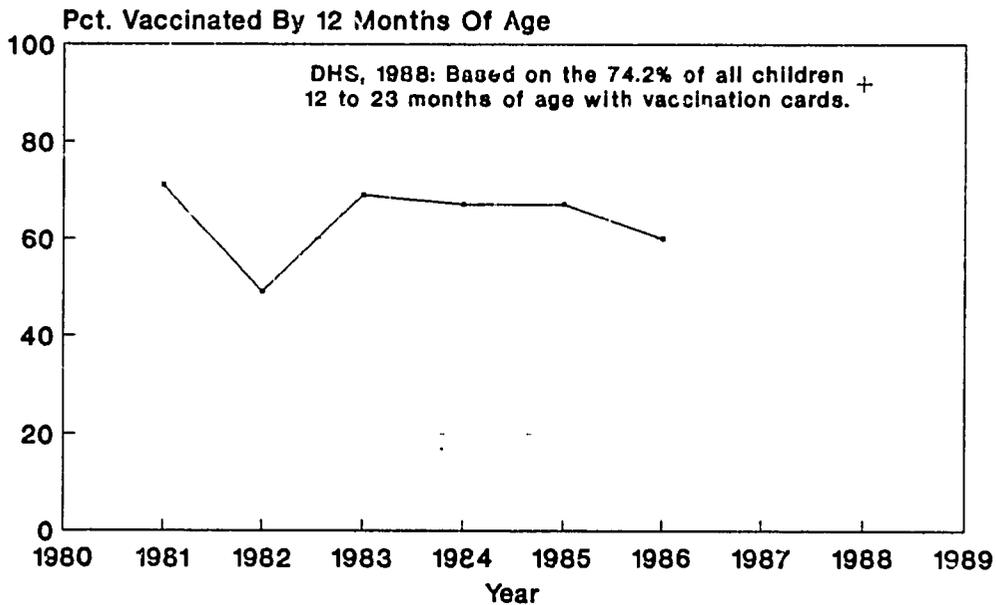
Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

DPT III VACCINATION COVERAGE RATES IN BOTSWANA



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

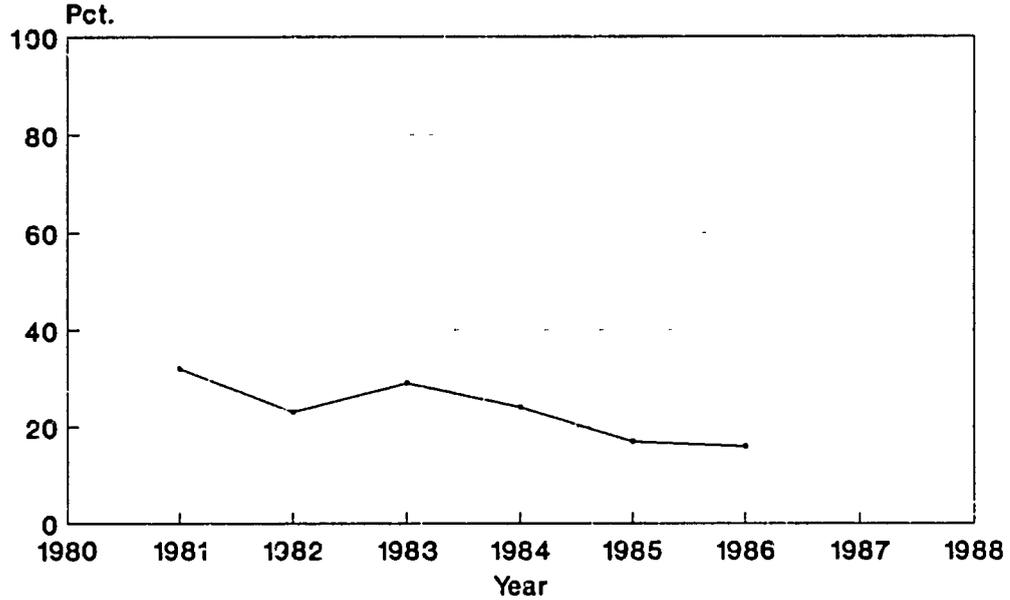
POLIO III VACCINATION COVERAGE RATES IN BOTSWANA



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

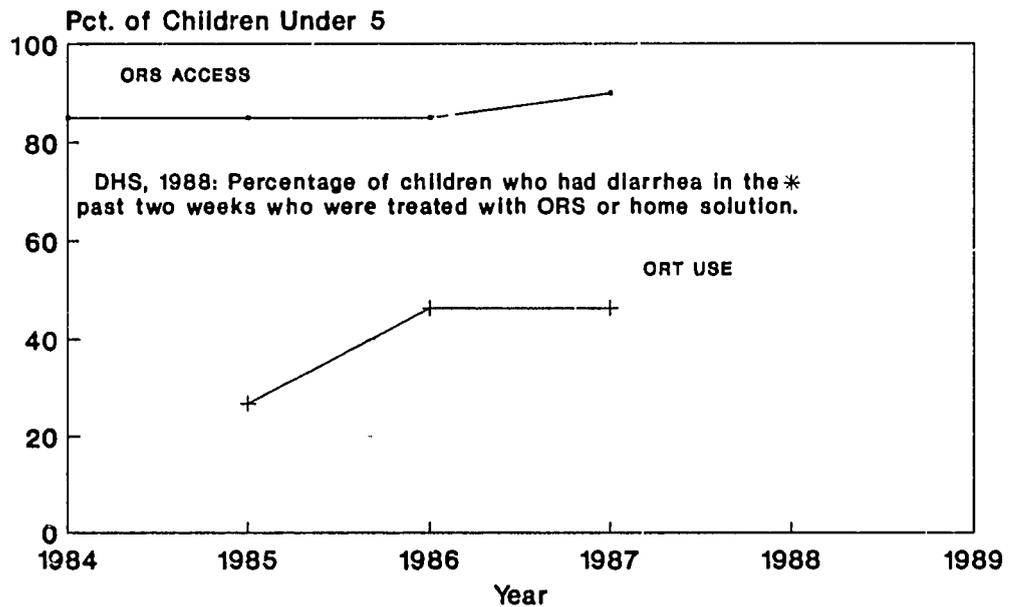
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TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN BOTSWANA



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN BOTSWANA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI, ISTI, 10/1/89

September 28, 1989

BURKINA FASO

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	8,763,000	1989	A
Infant Mortality Rate	135/1000	1989	A
Life Expectancy At Birth	48 years	1989	A
Children Under Age 1	373,000	1989	A
Annual Infant Deaths	55,000	1989	A
Total Fertility Rate	6.5	1989	A

Child Survival Indicators

Immunization Coverage

BCG	67%	1987	B
Polio III	34%	1987	B
DPT III	34%	1987	B
Measles	68%	1987	B
Tetanus II	26%	1987	B

Oral Rehydration Therapy

ORS Access Rate	79%	1987	C
ORT Use Rate	15%	1987	C

Contraceptive Prevalence 1% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

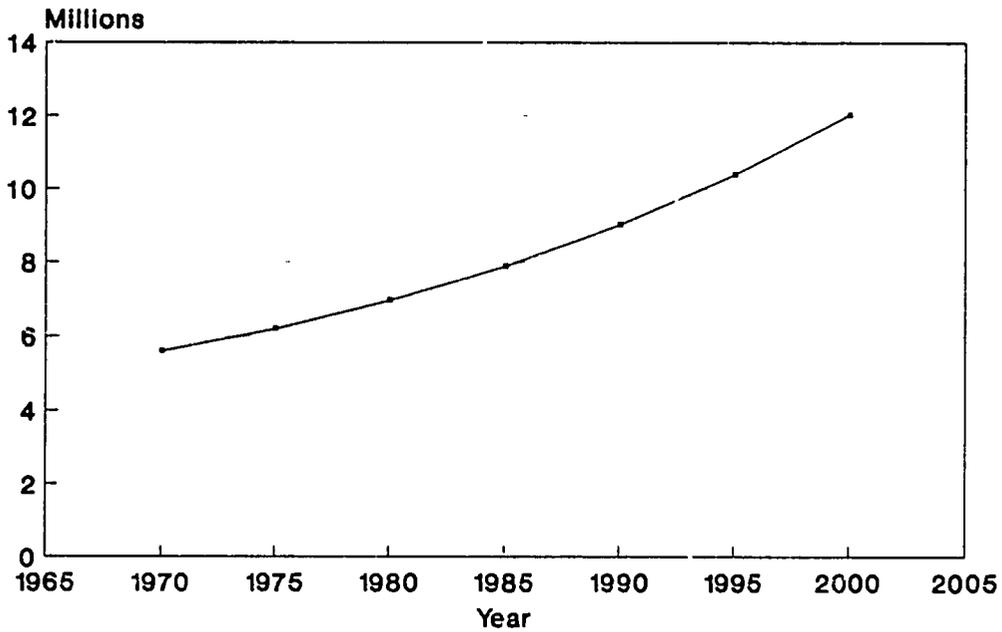
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D U.S. Bureau of the Census. World Population Profile: 1987.

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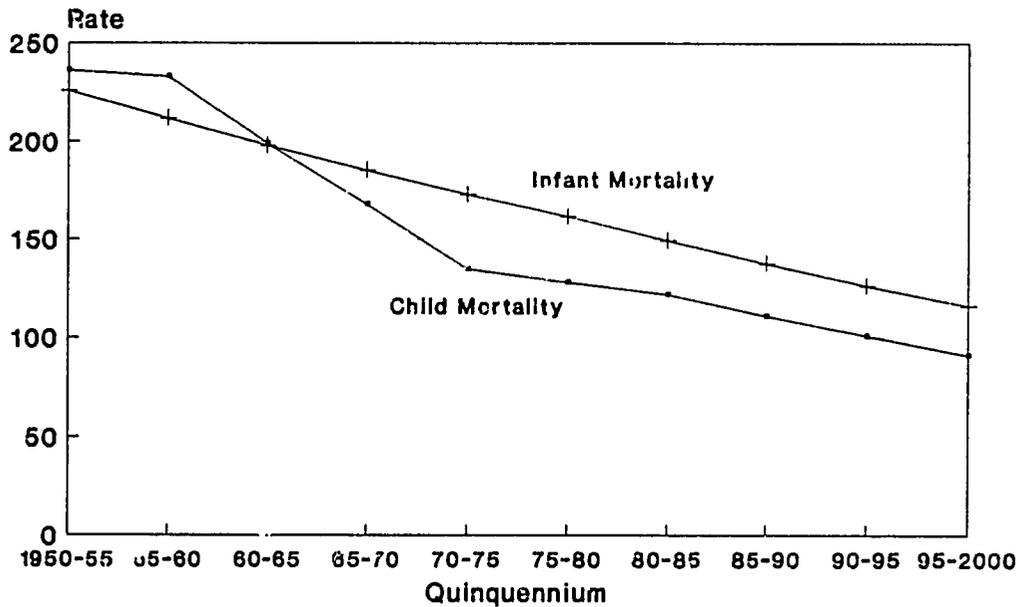
POPULATION ESTIMATES BURKINA FASO



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

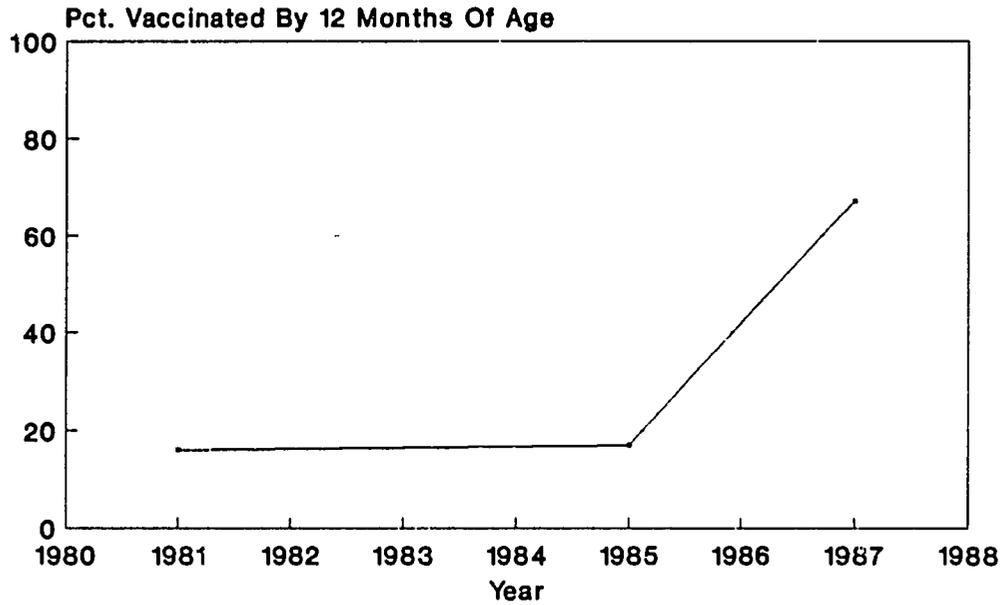
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN BURKINA FASO



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

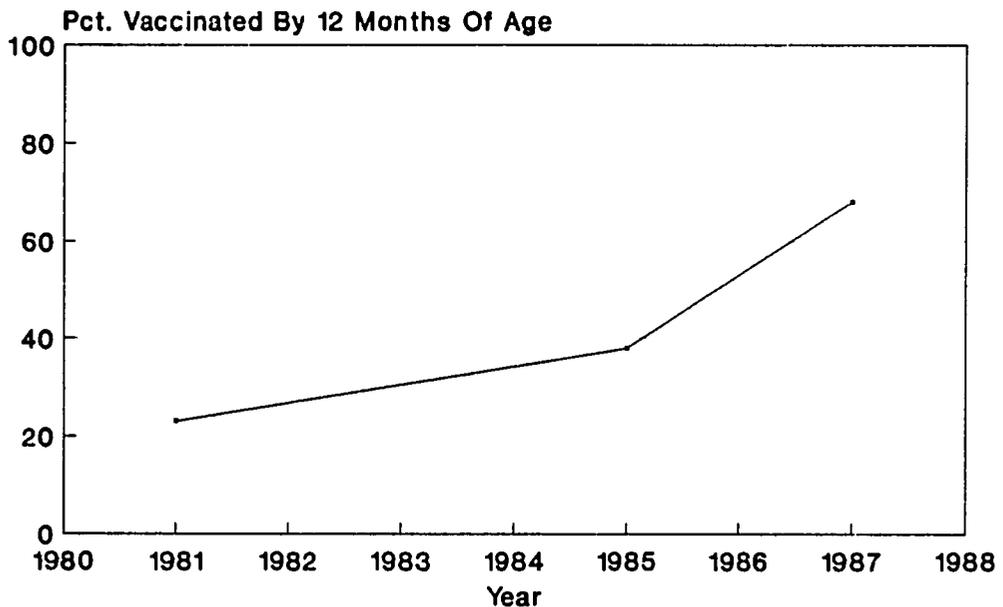
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN BURKINA FASO



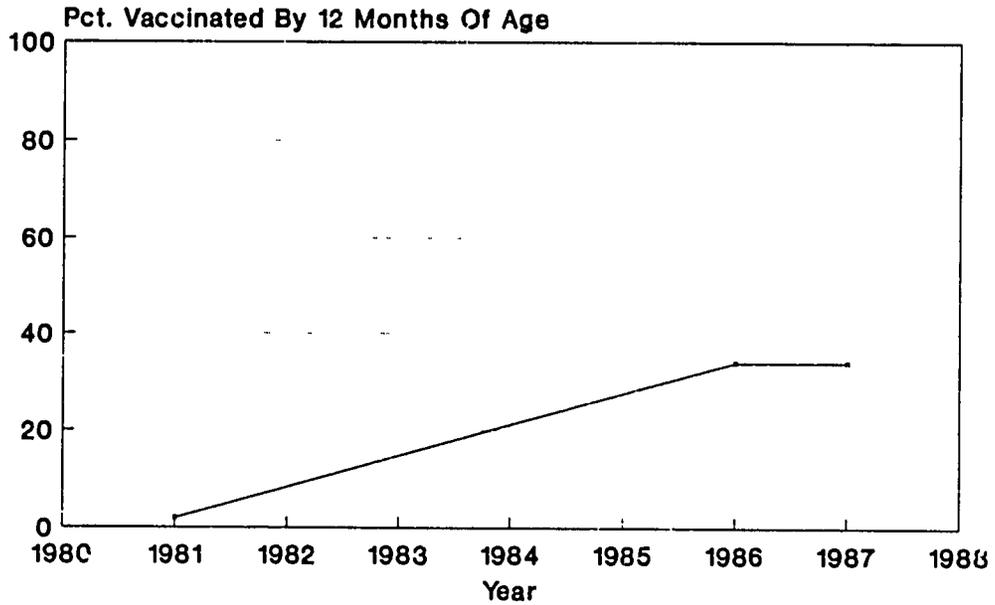
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN BURKINA FASO



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

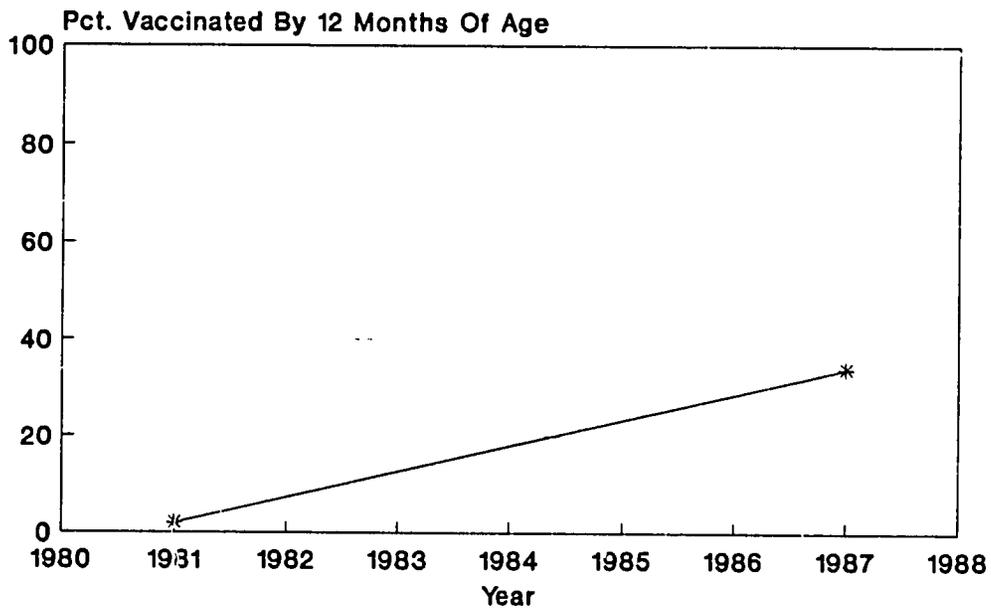
DPT III VACCINATION COVERAGE RATES IN BURKINA FASO



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

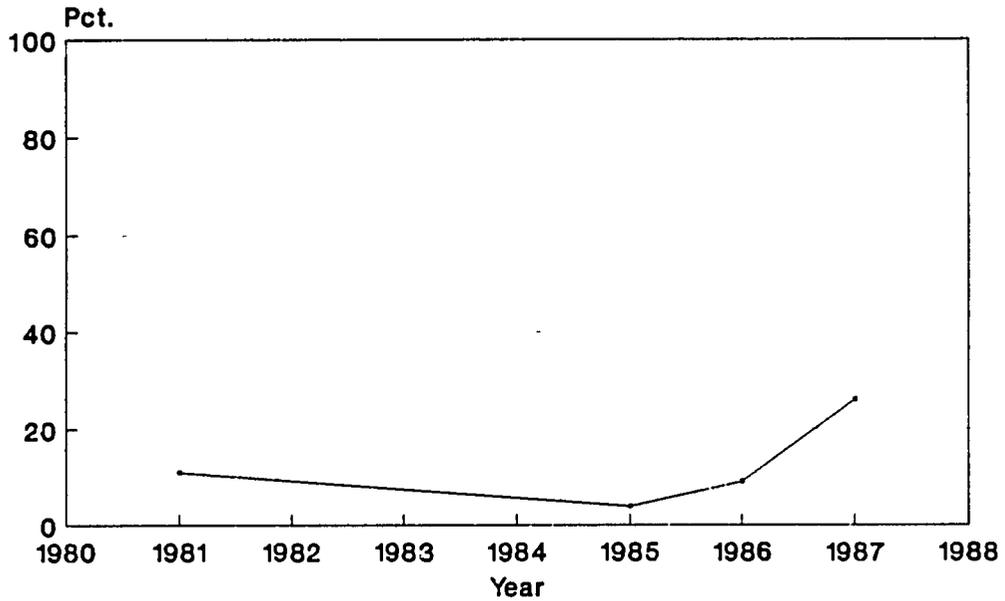
POLIO III VACCINATION COVERAGE RATES IN BURKINA FASO



Source:
World Health Organization
Report EPI/MISC/89.2

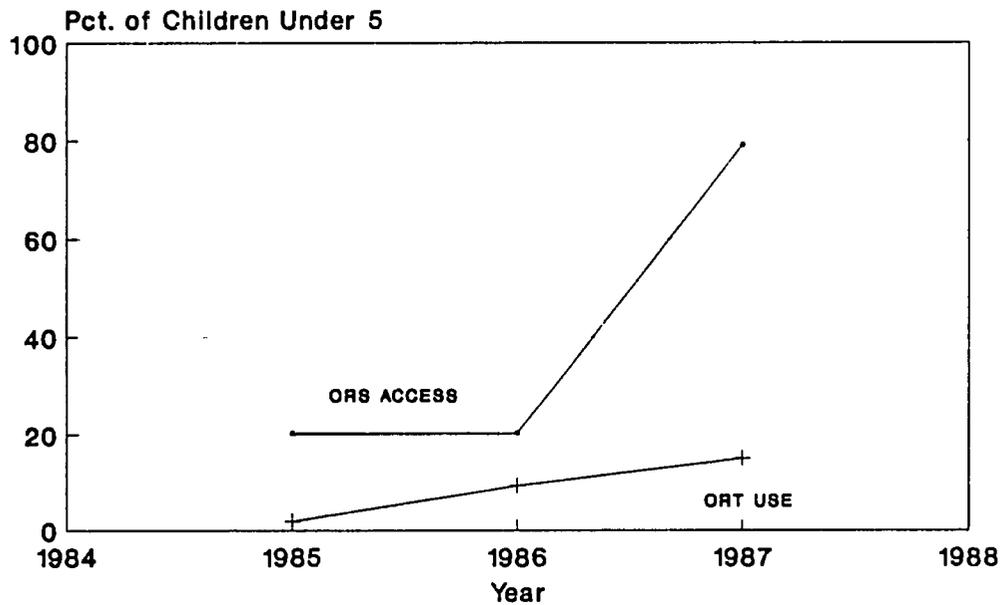
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN BURKINA FASO



Source:
 World Health Organization
 Report EPI/MISC/89.2
 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN BURKINA FASO



SOURCE: World Health Organization,
 Annual Reports of the Program for
 Control of Diarrhoeal Diseases
 CIHI/ISTI, 6/1/89

September 28, 1989

BURUNDI

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	5,237,000	1989	A
Infant Mortality Rate	109/1000	1989	A
	87/1000	1987	D
Life Expectancy At Birth	50 years	1989	A
Children Under Age 1	219,000	1989	A
Annual Infant Deaths	26,000	1989	A
Total Fertility Rate	6.3	1989	A

Child Survival Indicators

Immunization Coverage

BCG	85%	1987	B
Polio III	46%	1987	B
DPT III	70%	1987	B
Measles	55%	1987	B
Tetanus II	49%	1987	B

Oral Rehydration Therapy

ORS Access Rate	29.8%	1987	C
ORT Use Rate	37.6%	1987	D

Contraceptive Prevalence 7% 1987 D

Adequate Nutritional Status 60.5% 1987 D

Appropriate Infant Feeding N/A

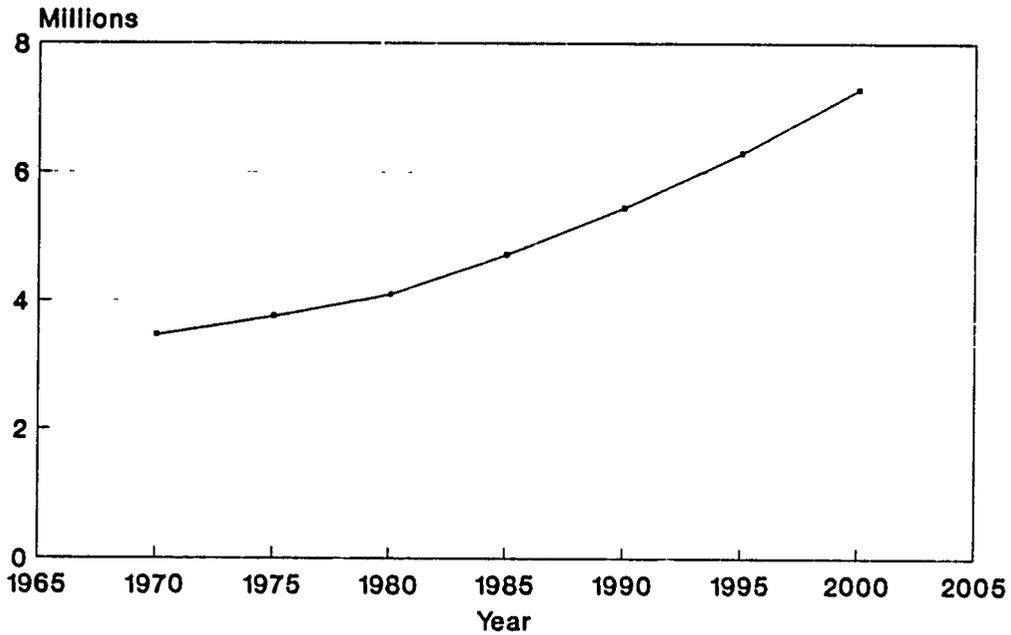
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D Enquete Demographique et de Sante au Burundi, 1987 (DHS) Institute for Resource Development/Westinghouse.

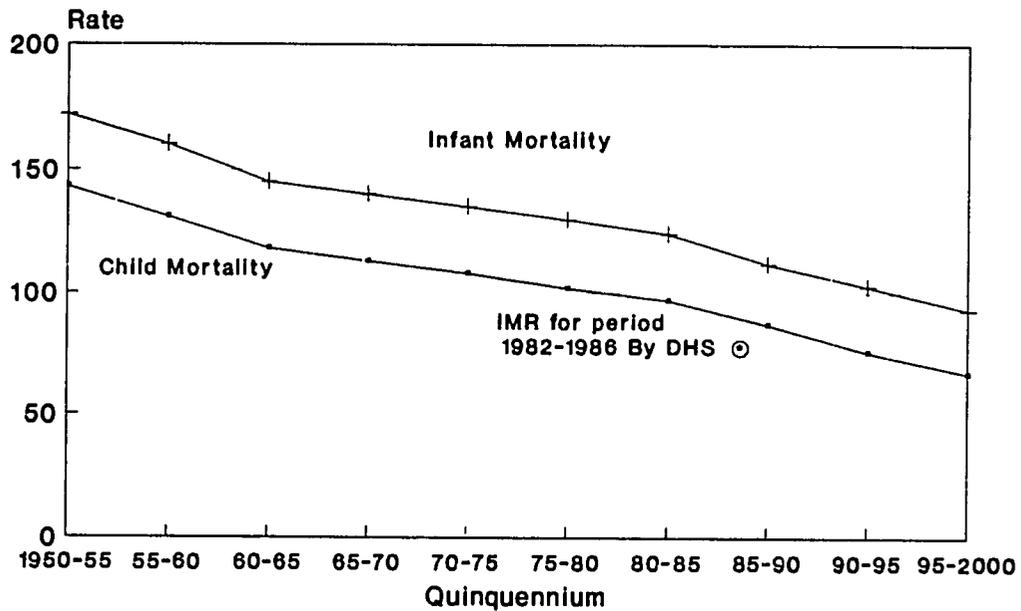
POPULATION ESTIMATES BURUNDI



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

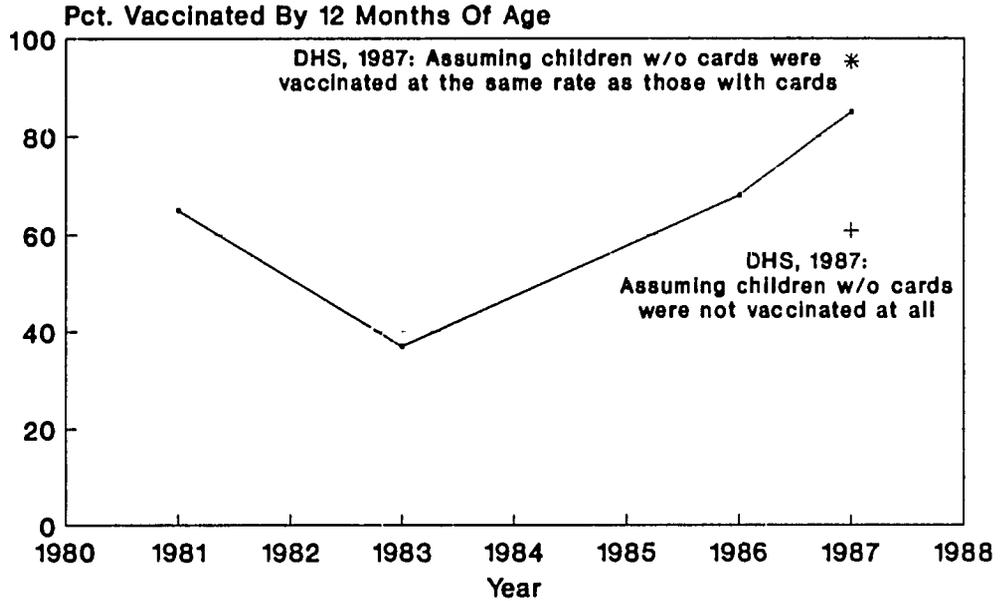
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN BURUNDI



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

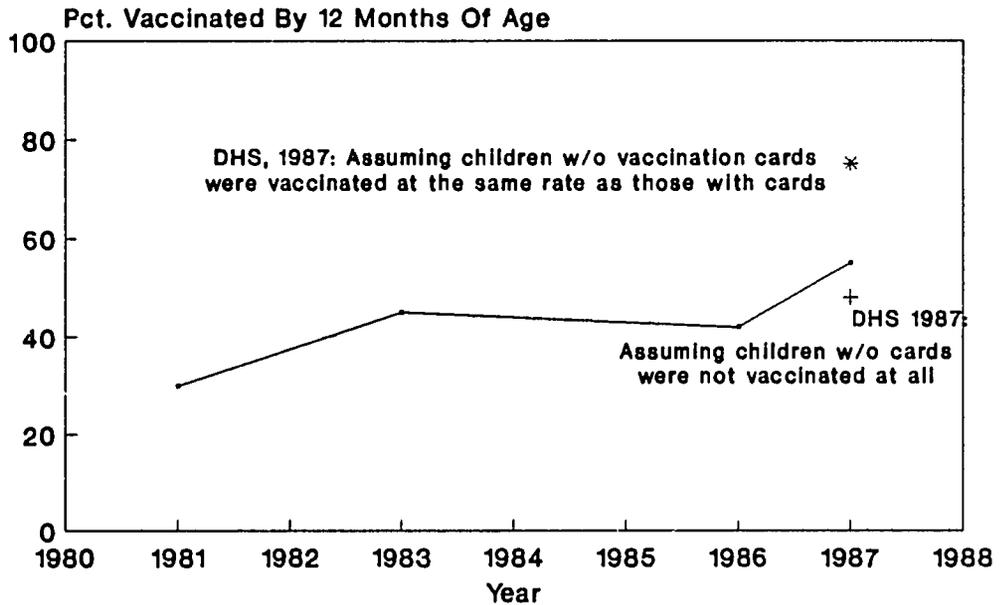
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN BURUNDI



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

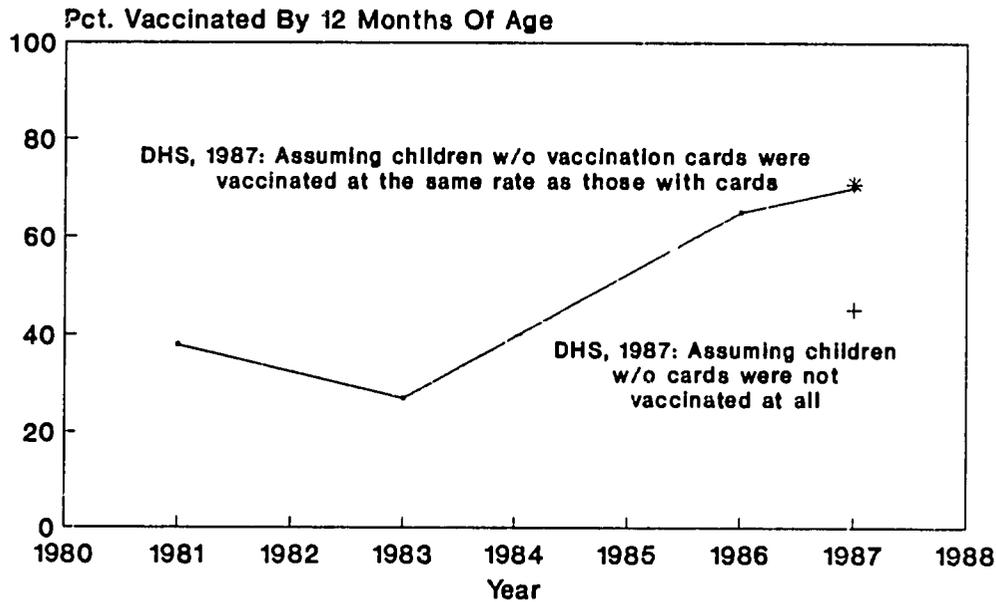
MEASLES VACCINATION COVERAGE RATES IN BURUNDI



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

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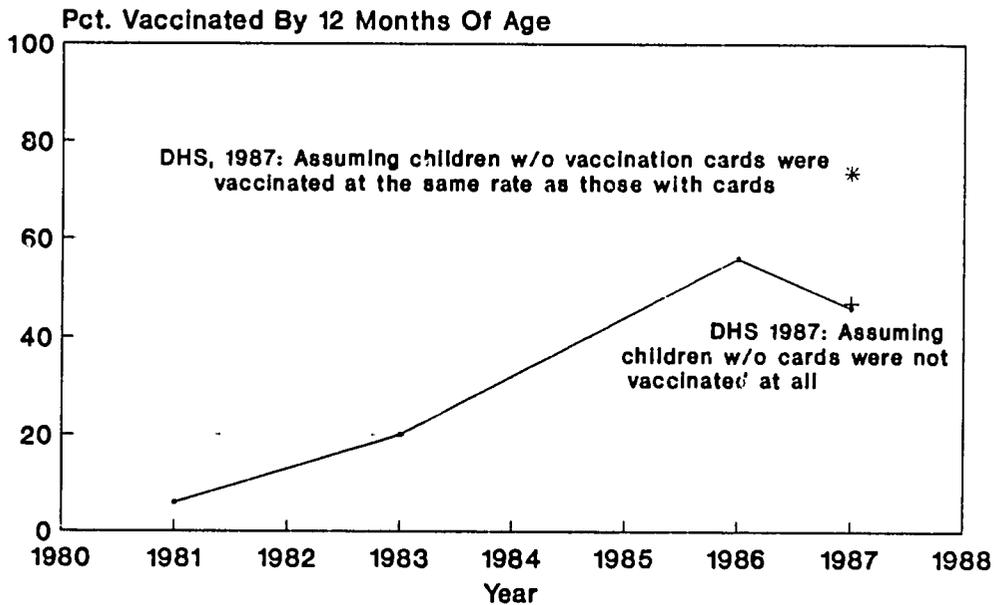
DPT III VACCINATION COVERAGE RATES IN BURUNDI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

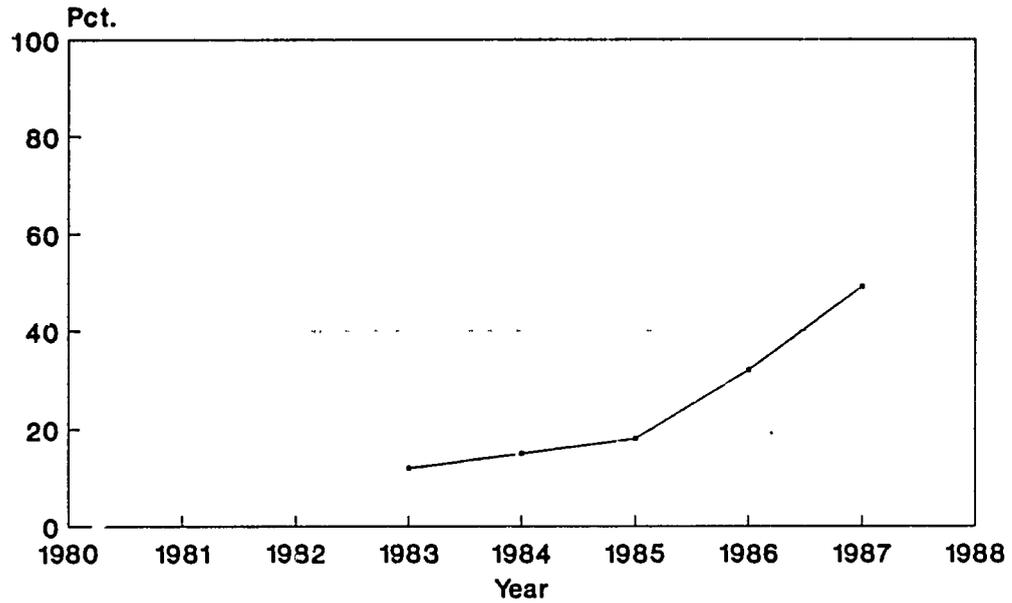
POLIO III VACCINATION COVERAGE RATES IN BURUNDI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

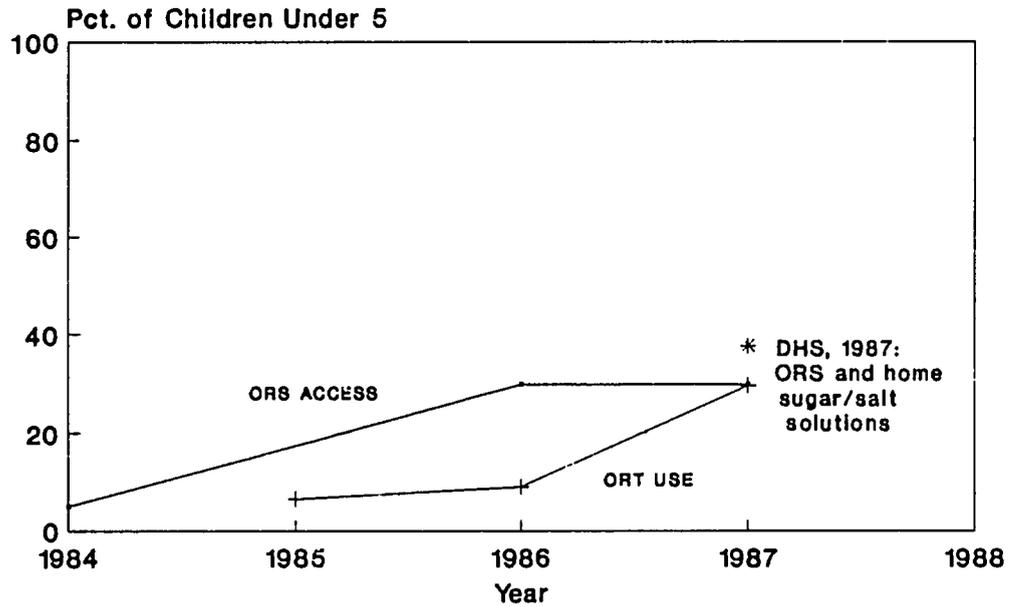
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN BURUNDI



Source:
World Health Organization
Report EPI/MISC/39.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN BURUNDI



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

24

September 29, 1989

CAMEROON

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	10,954,000	1989	A
Infant Mortality Rate	92/1000	1989	A
Life Expectancy At Birth	52 years	1989	A
Children Under Age 1	426,000	1989	A
Annual Infant Deaths	42,000	1989	A
Total Fertility Rate	5.8	1989	A

Child Survival Indicators

Immunization Coverage

BCG	26%	1988	B
Polio III	19%	1988	B
DPT III	20%	1988	B
Measles	14%	1988	B
Tetanus II	14%	1988	B

Oral Rehydration Therapy

ORS Access Rate	24.3%	1987	C
ORT Use Rate	22.0%	1987	C

Contraceptive Prevalence 2% 1978 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

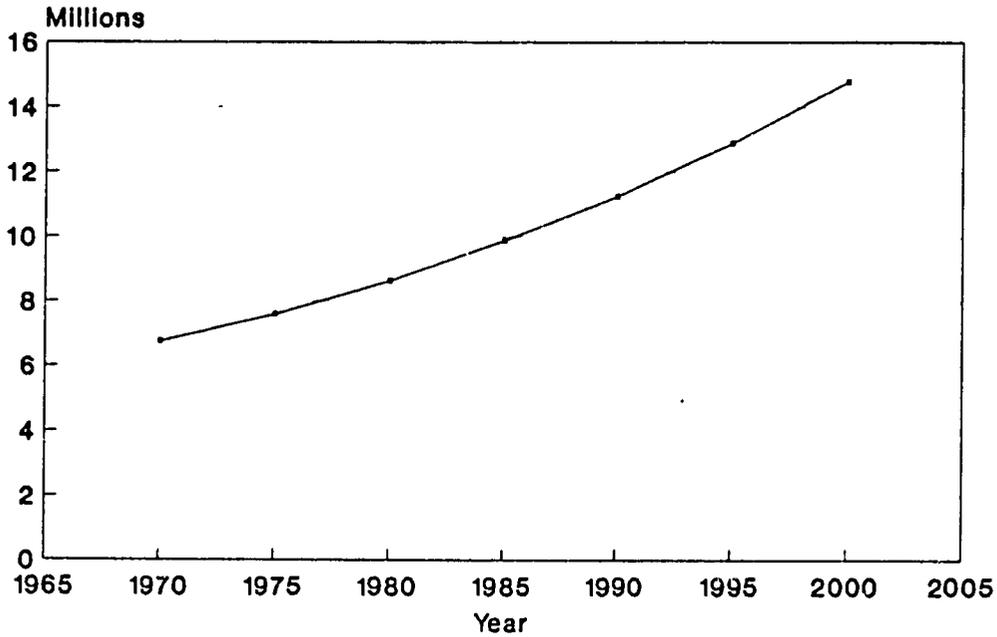
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.3? (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

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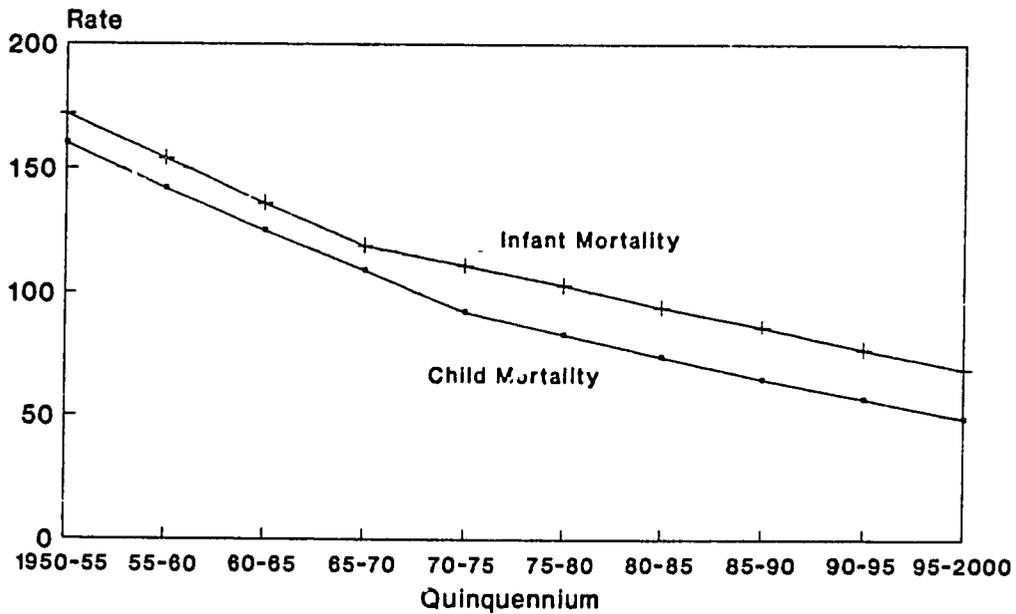
POPULATION ESTIMATES CAMEROON



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

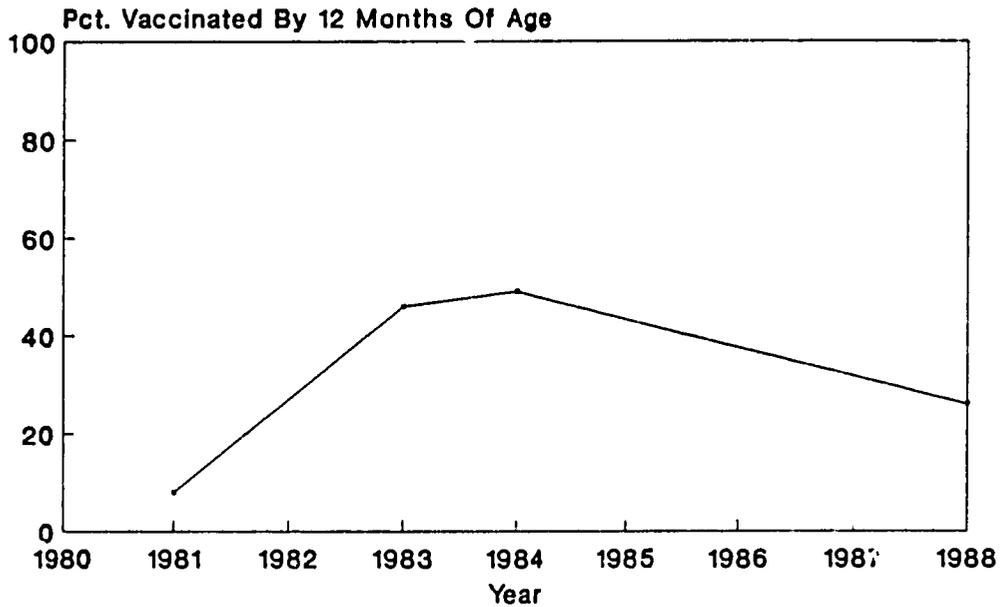
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN CAMEROON



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

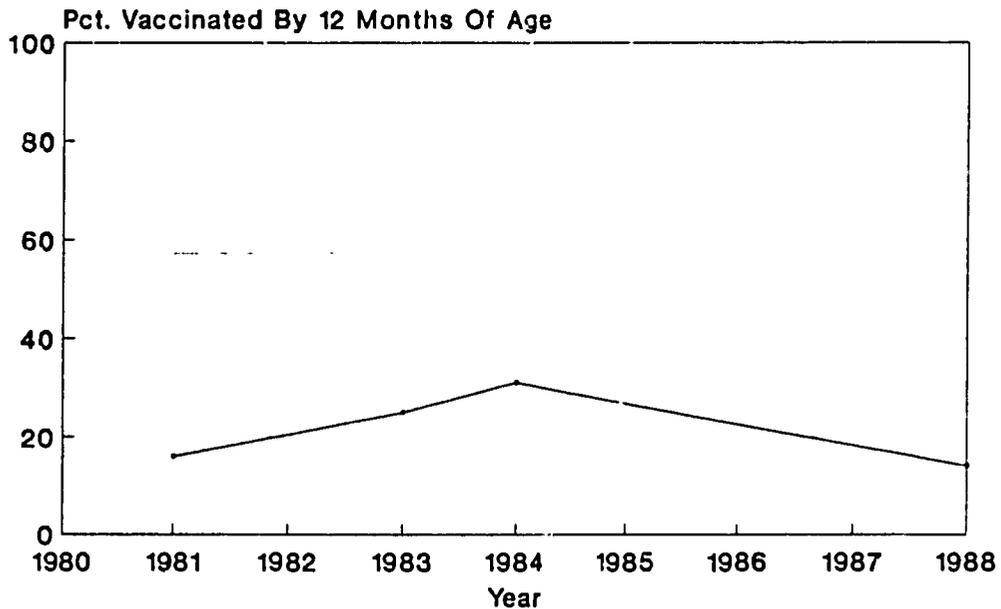
BCG VACCINATION COVERAGE RATES IN CAMEROON



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

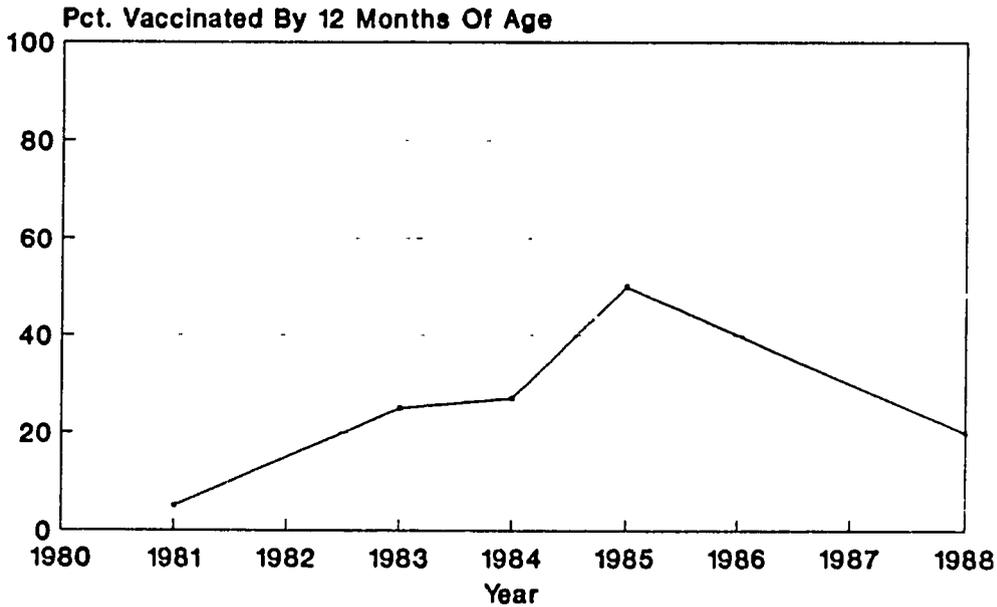
MEASLES VACCINATION COVERAGE RATES IN CAMEROON



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

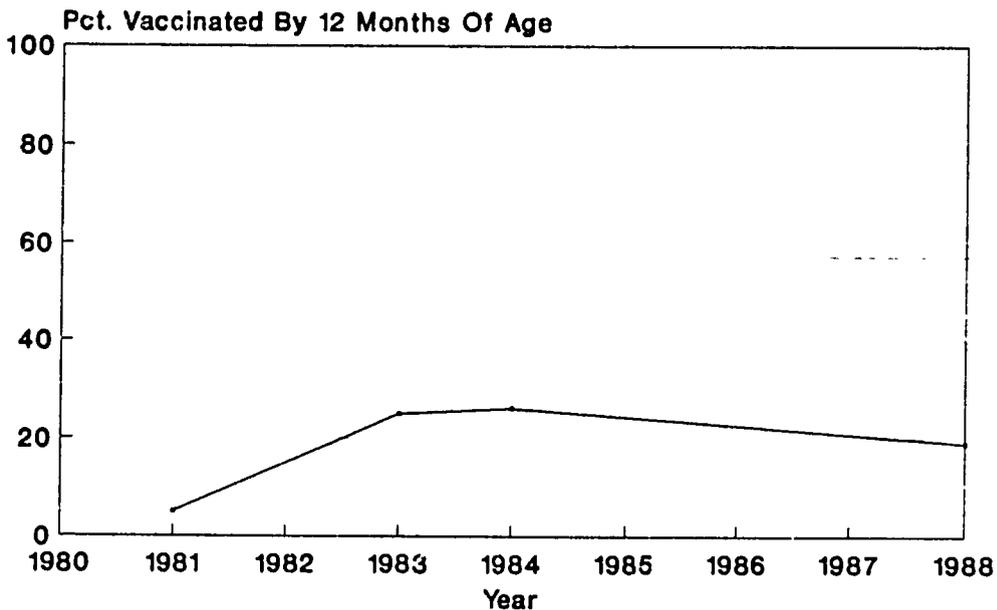
DPT III VACCINATION COVERAGE RATES IN CAMEROON



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

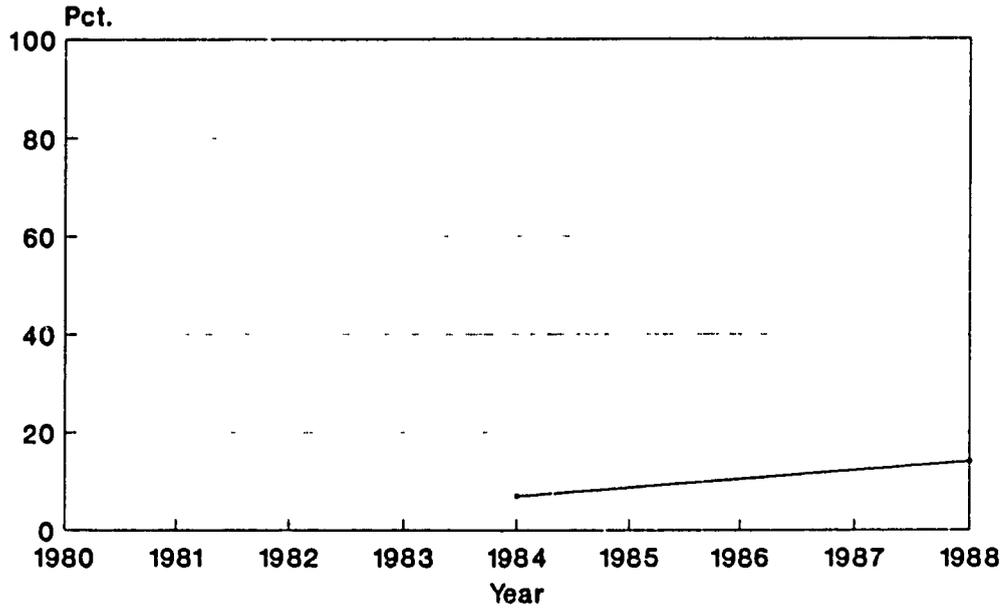
POLIO III VACCINATION COVERAGE RATES IN CAMEROON



Source:
World Health Organization
Report EPI/MISC/89.2

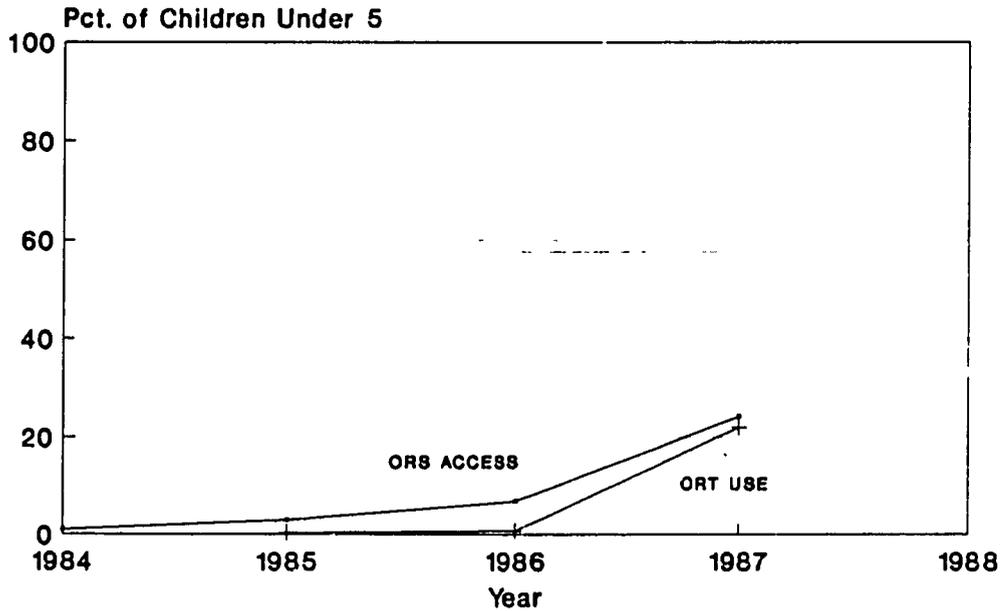
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN CAMEROON



Source: World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN CAMEROON



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 8/1/89

September 29, 1989

CENTRAL AFRICAN REPUBLIC

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	2,841,000	1989	A
Infant Mortality Rate	129/1000	1989	A
Life Expectancy At Birth	46 years	1989	A
Children Under Age 1	114,000	1989	A
Annual Infant Deaths	16,000	1989	A
Total Fertility Rate	5.9	1989	A

Child Survival Indicators

Immunization Coverage

BCG	42%	1987	B
Polio III	22%	1987	B
DPT III	22%	1987	B
Measles	17%	1987	B
Tetanus II	16%	1982	B

Oral Rehydration Therapy

ORS Access Rate	10.0%	1987	C
ORT Use Rate	14.6%	1987	C

Contraceptive Prevalence N/A

Adequate Nutritional Status N/A

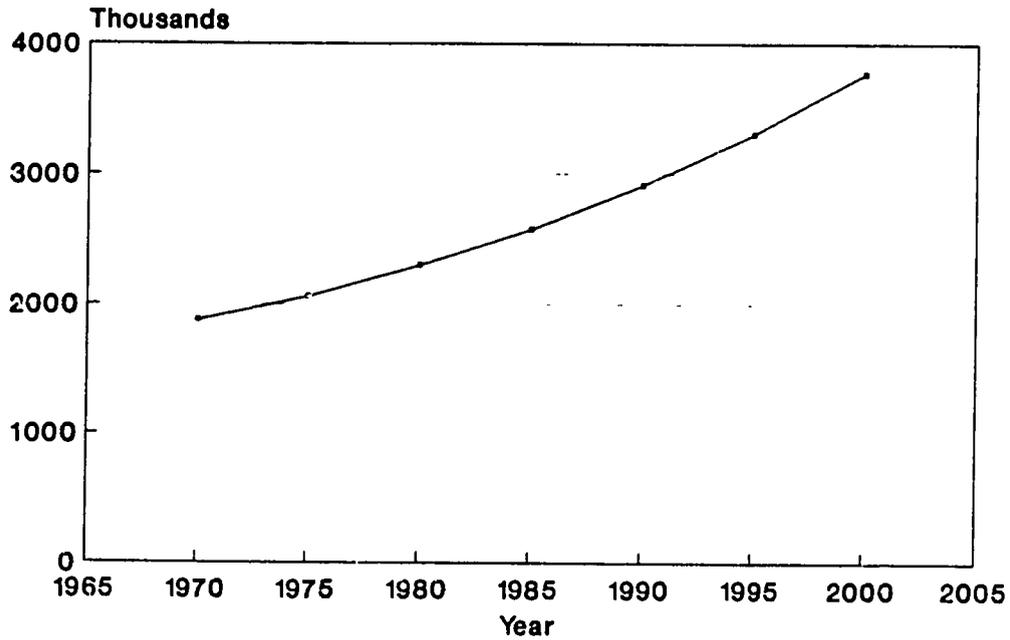
Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

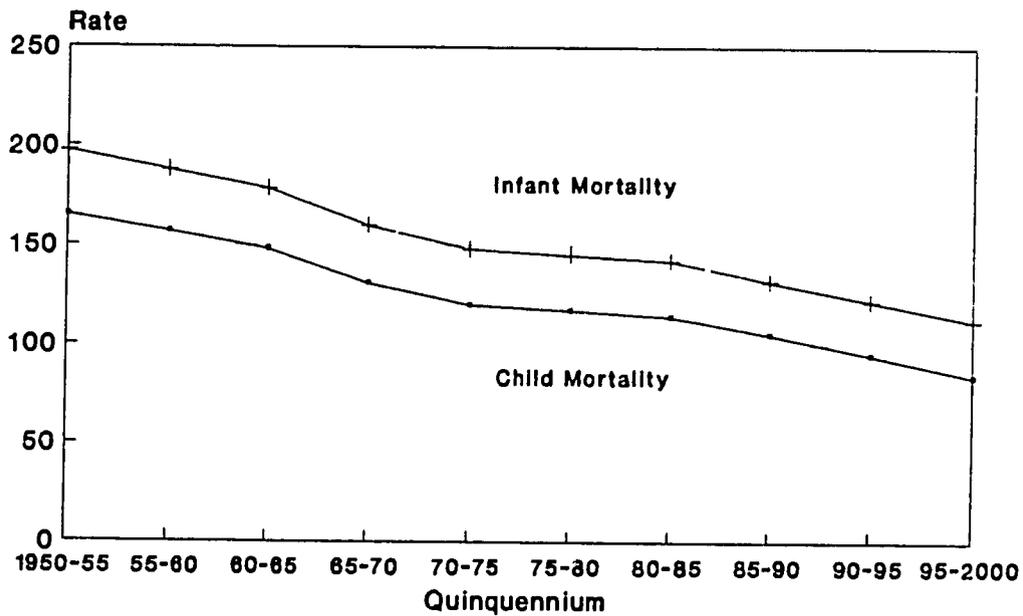
POPULATION ESTIMATES CENTRAL AFRICAN REPUBLIC



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

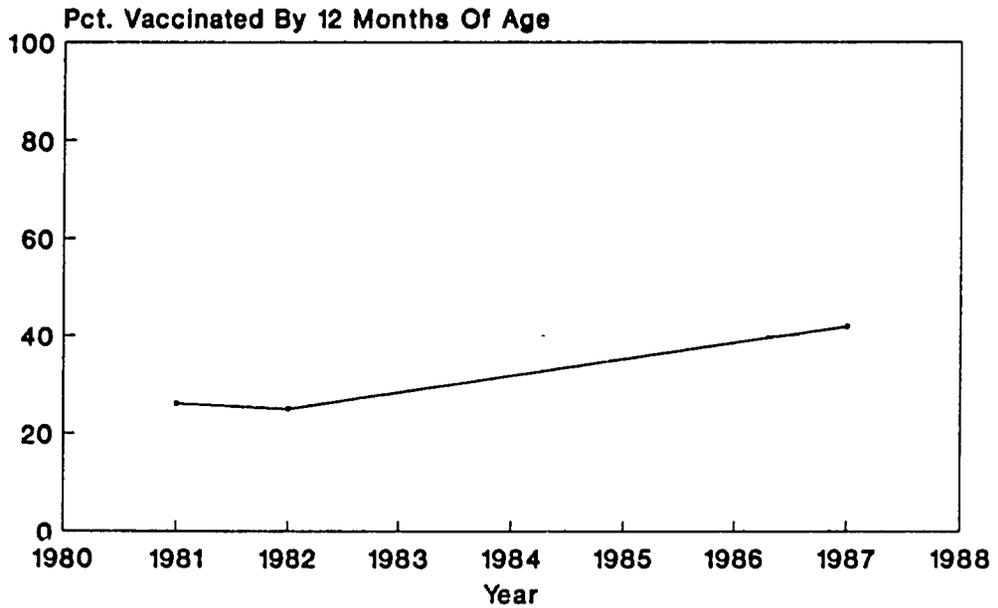
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN THE CENTRAL AFRICAN REPUBLIC



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

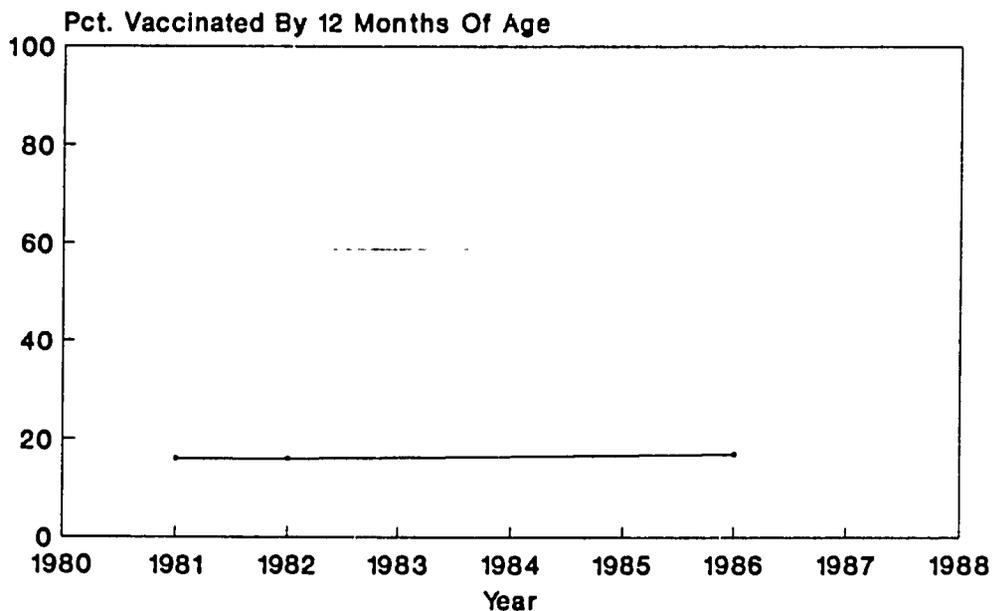
BCG VACCINATION COVERAGE RATES IN THE CENTRAL AFRICAN REPUBLIC



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN THE CENTRAL AFRICAN REPUBLIC

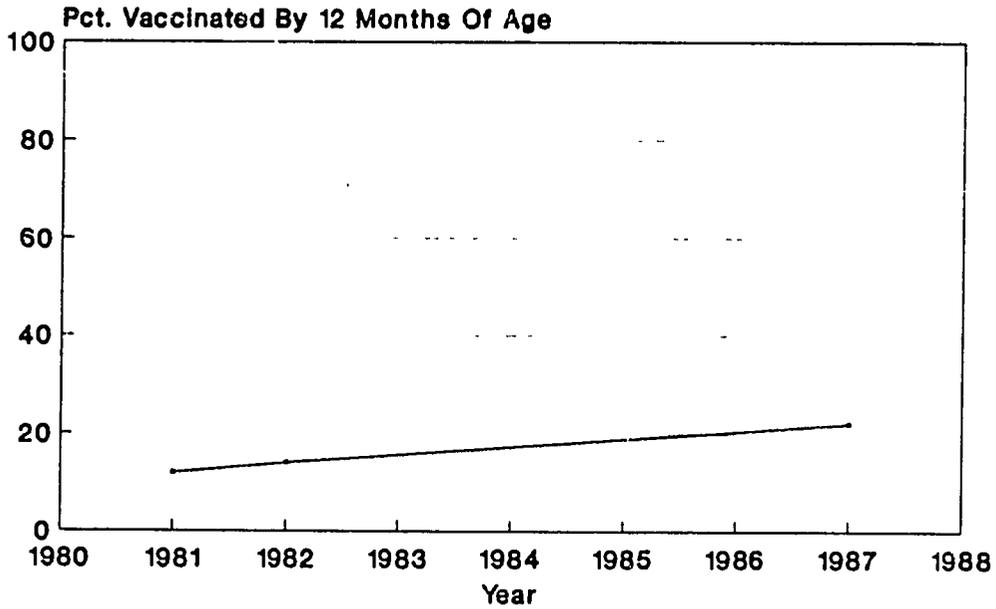


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

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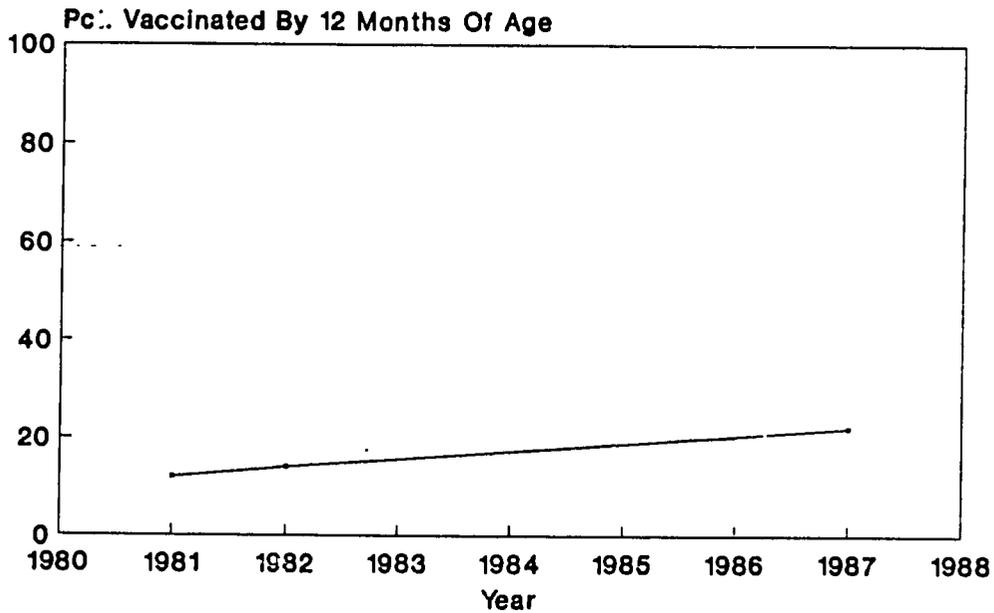
DPT III VACCINATION COVERAGE RATES IN THE CENTRAL AFRICAN REPUBLIC



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

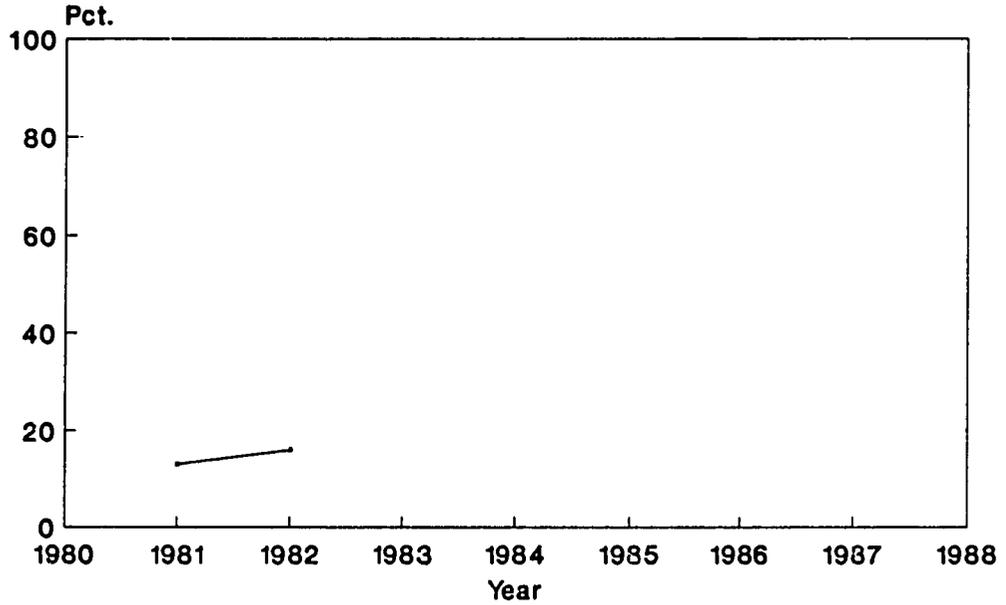
POLIO III VACCINATION COVERAGE RATES IN THE CENTRAL AFRICAN REPUBLIC



Source:
World Health Organization
Report EPI/MISC/89.2

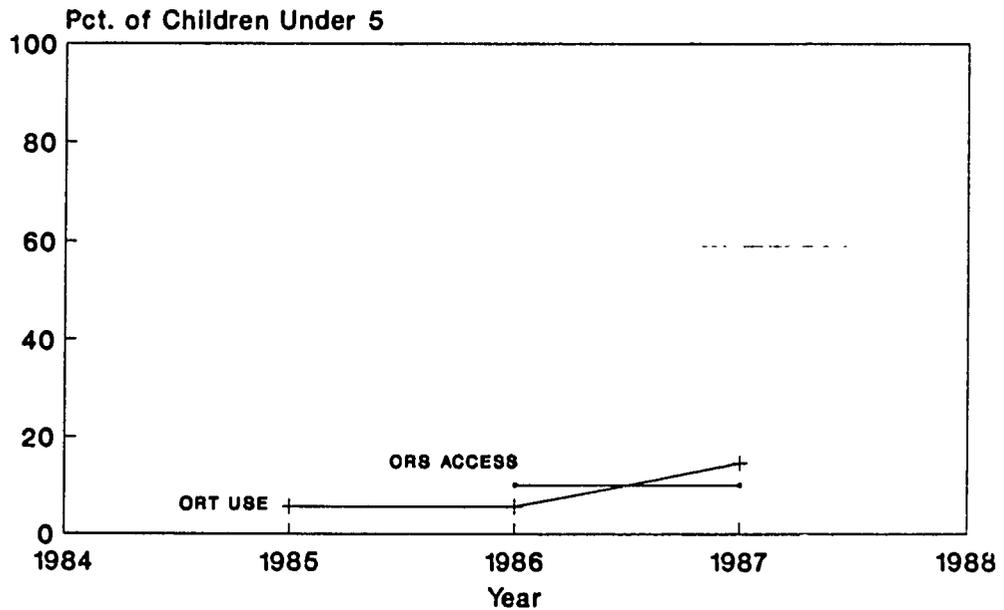
Center For International Health Information, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN THE CEN. AFRICAN REP



Source: World Health Organization Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN THE CENTRAL AFRICAN REPUBLIC



SOURCE: World Health Organization, Annual Reports of the Program for Control of Diarrhoeal Diseases CIHI/ISTI, 6/1/89

September 29, 1989

CHAD

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	5,538,000	1989	A
Infant Mortality Rate	129/1000	1989	A
Life Expectancy At Birth	46 years	1989	A
Children Under Age 1	221,000	1989	A
Annual Infant Deaths	31,000	1989	A
Total Fertility Rate	5.9	1989	A

Child Survival Indicators

Immunization Coverage

BCG	31%	1987	B
Polio III	13%	1987	B
DPT III	13%	1987	B
Measles	16%	1987	B
Tetanus II	15%	1987	B

Oral Rehydration Therapy

ORS Access Rate	23.7%	1987	C
ORT Use Rate	2.3%	1987	C

Contraceptive Prevalence 1% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

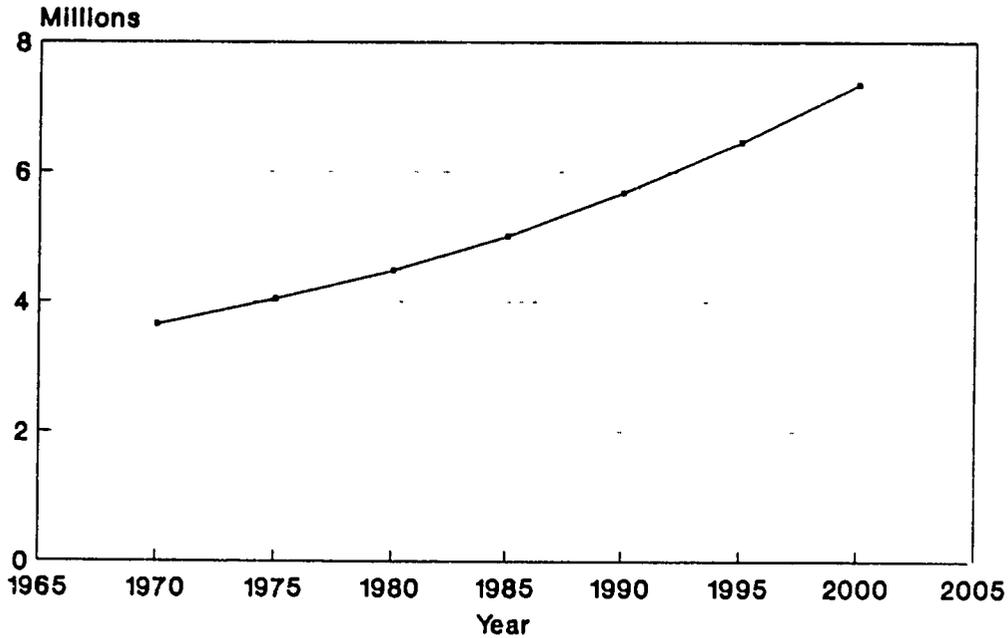
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D U.S. Bureau of the Census. World Population Profile: 1987.

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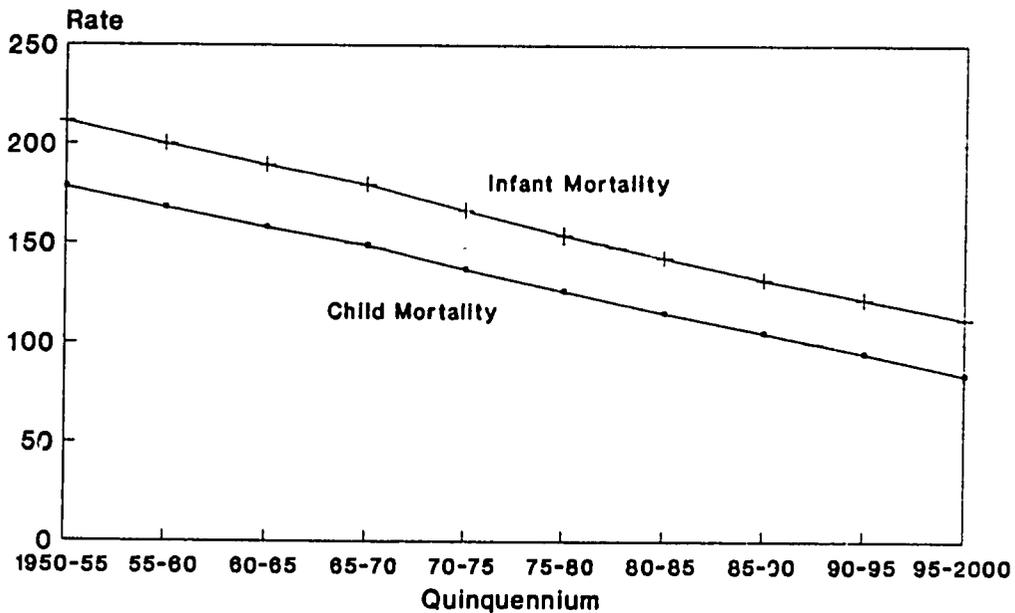
POPULATION ESTIMATES CHAD



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN CHAD

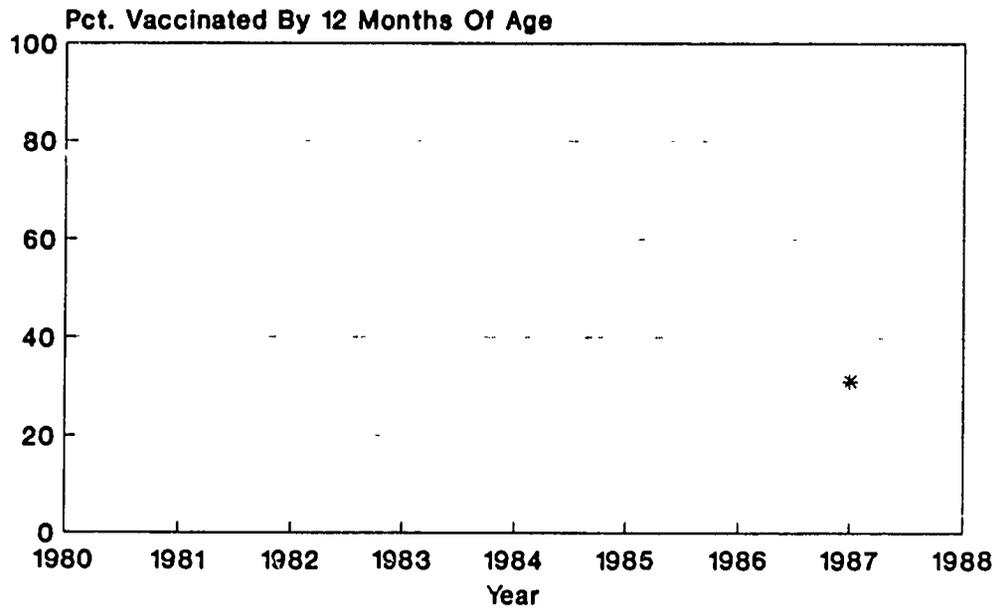


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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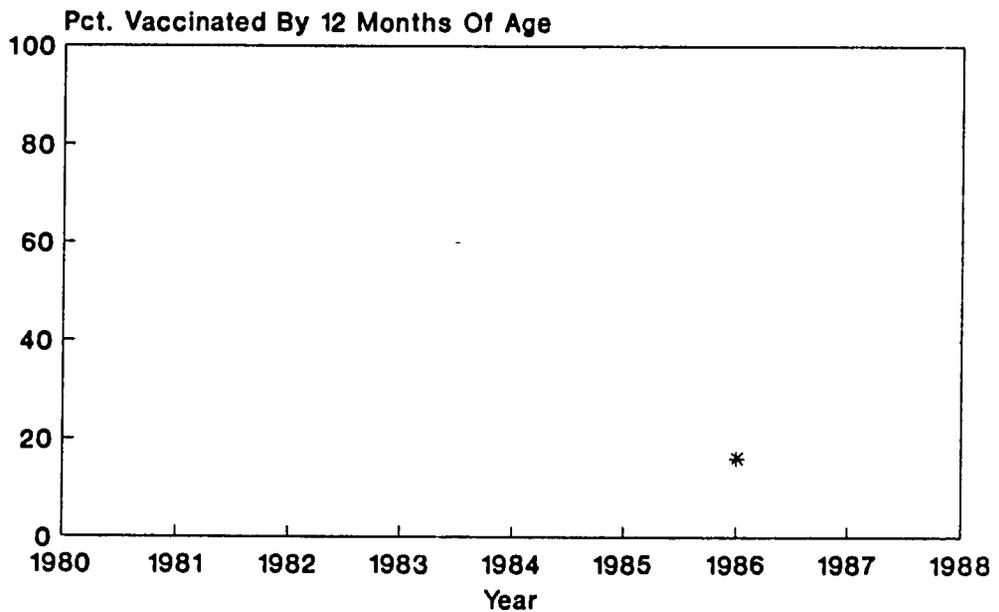
BCG VACCINATION COVERAGE RATES IN CHAD



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

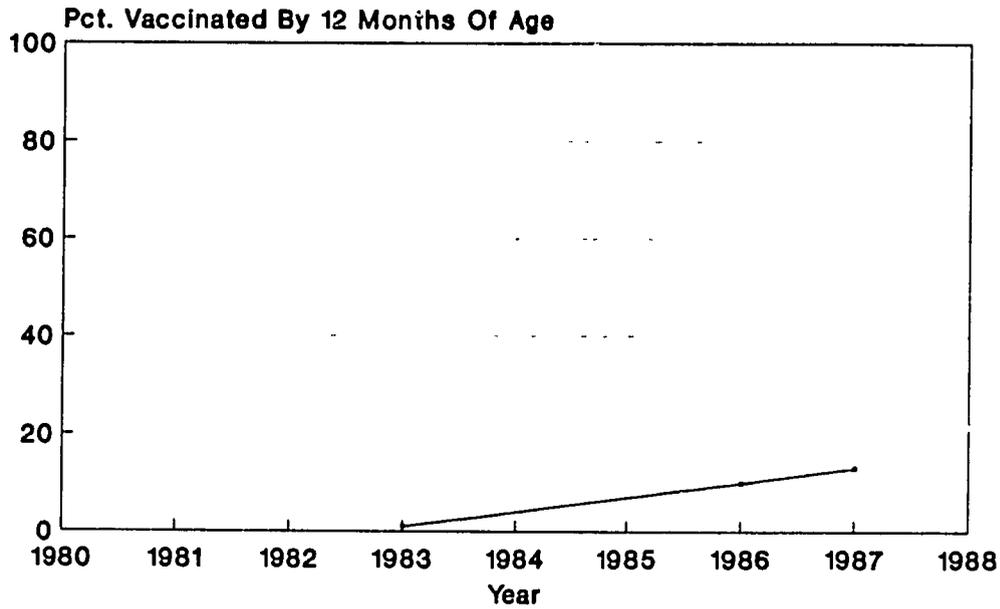
MEASLES VACCINATION COVERAGE RATES IN CHAD



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

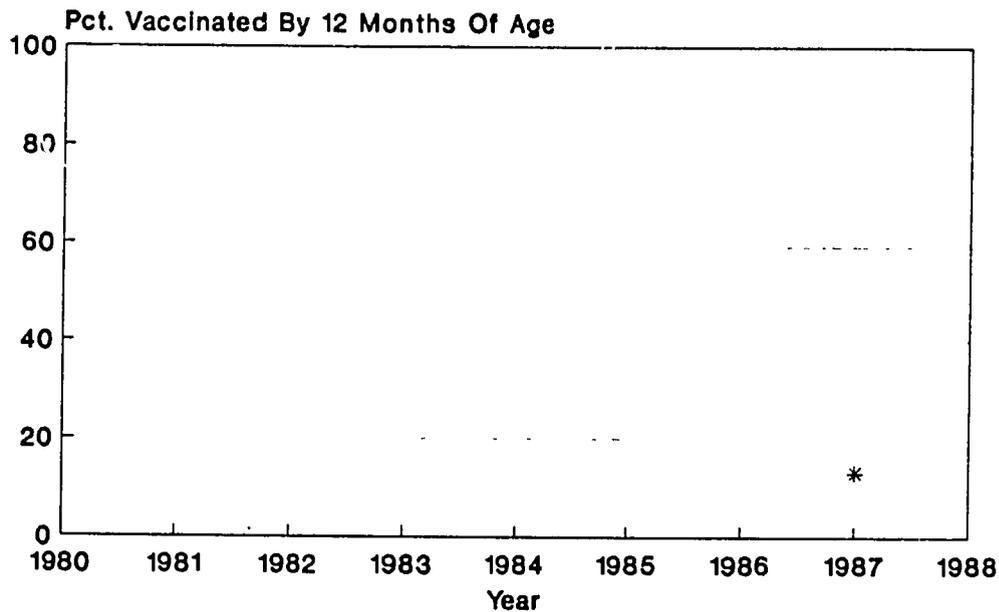
DPT III VACCINATION COVERAGE RATES IN CHAD



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

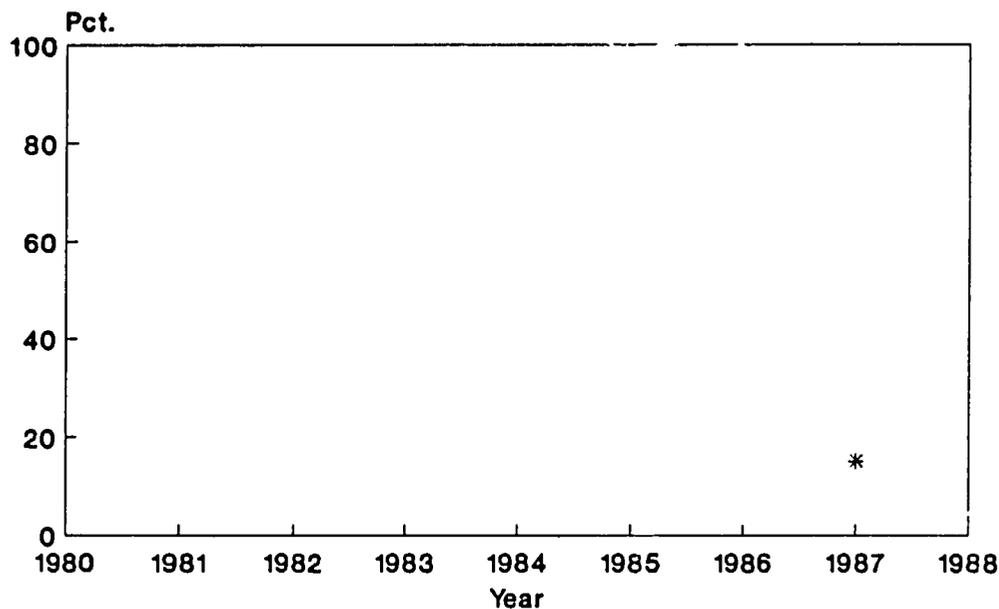
POLIO III VACCINATION COVERAGE RATES IN CHAD



Source:
World Health Organization
Report EPI/MISC/89.2

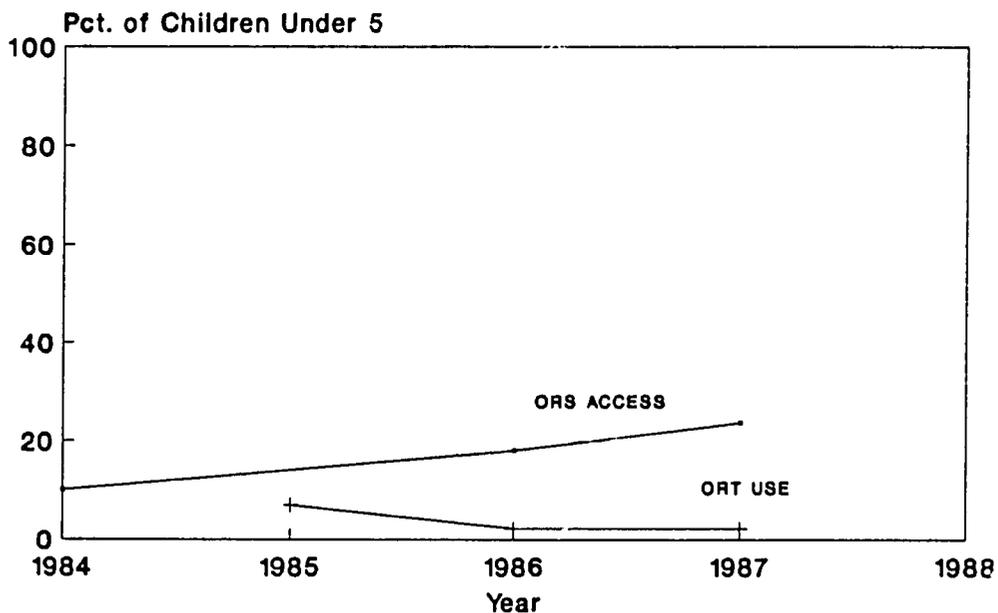
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN CHAD



Source:
 World Health Organization
 Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN CHAD



SOURCE: World Health Organization,
 Annual Reports of the Program for
 Control of Diarrhoeal Diseases CIHI/ISTI, 6/1/89

September 29, 1989

COTE D'IVOIRE

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	12,097,000	1989	A
Infant Mortality Rate	93/1000	1989	A
Life Expectancy At Birth	53 years	1989	A
Children Under Age 1	184,000	1989	A
Annual Infant Deaths	57,000	1989	A
Total Fertility Rate	7.4	1989	A

Child Survival Indicators

Immunization Coverage

BCG	53%	1987	B
Polio III	71%	1987	B
DPT III	71%	1987	B
Measles	85%	1987	B
Tetanus II	63%	1987	B

Oral Rehydration Therapy

ORS Access Rate	16.3%	1987	C
ORT Use Rate	4.3%	1987	C

Contraceptive Prevalence 3% 1980/81 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

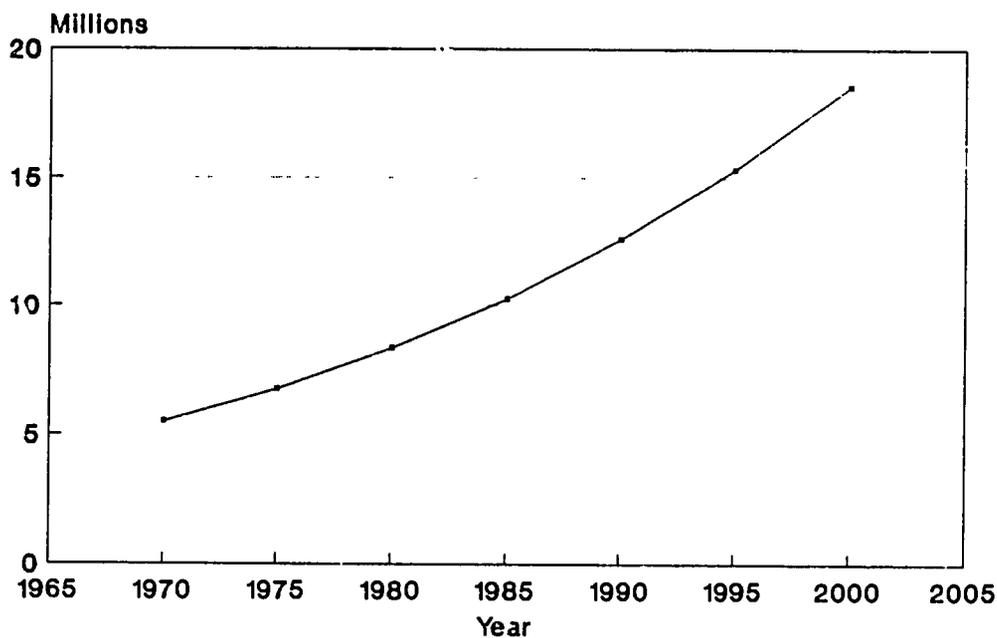
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

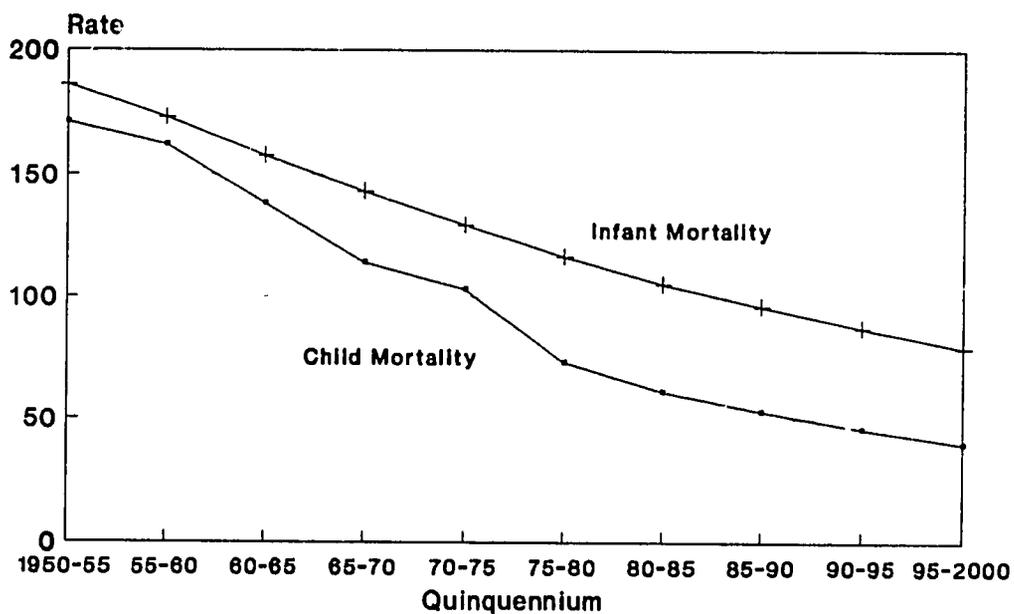
POPULATION ESTIMATES COTE D'IVOIRE



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

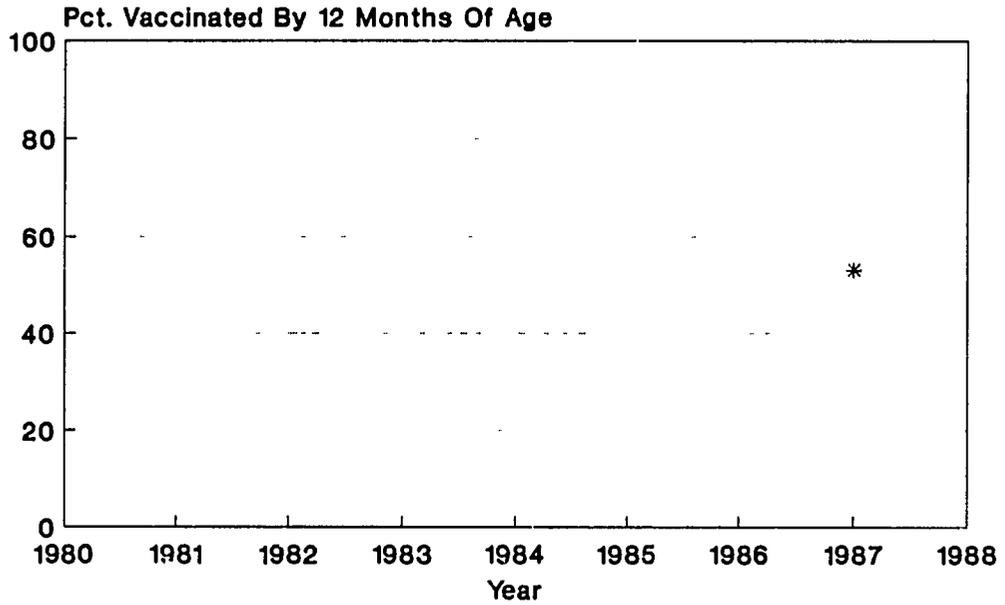
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN COTE D'IVOIRE



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

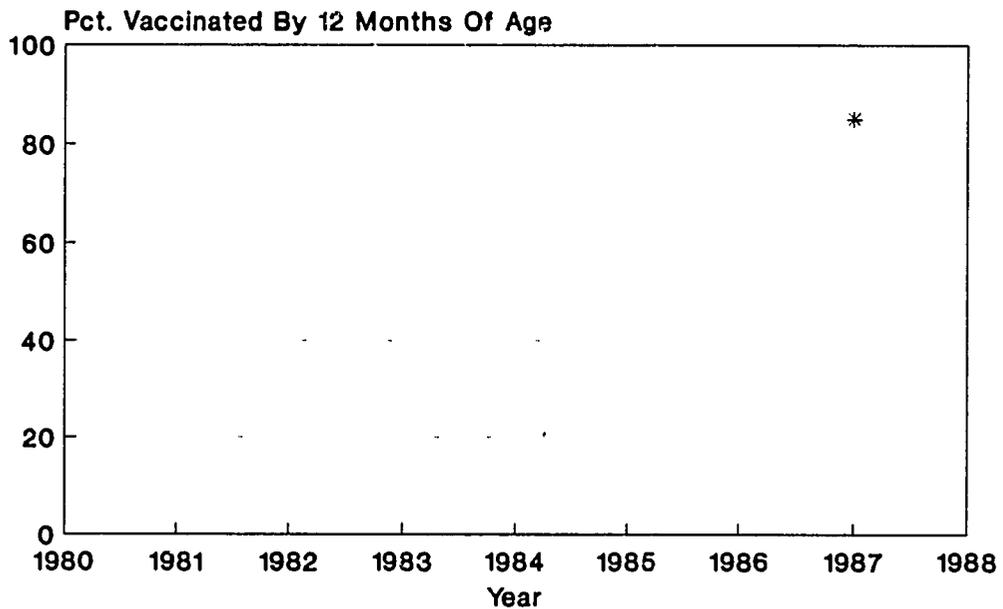
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN COTE D'IVOIRE



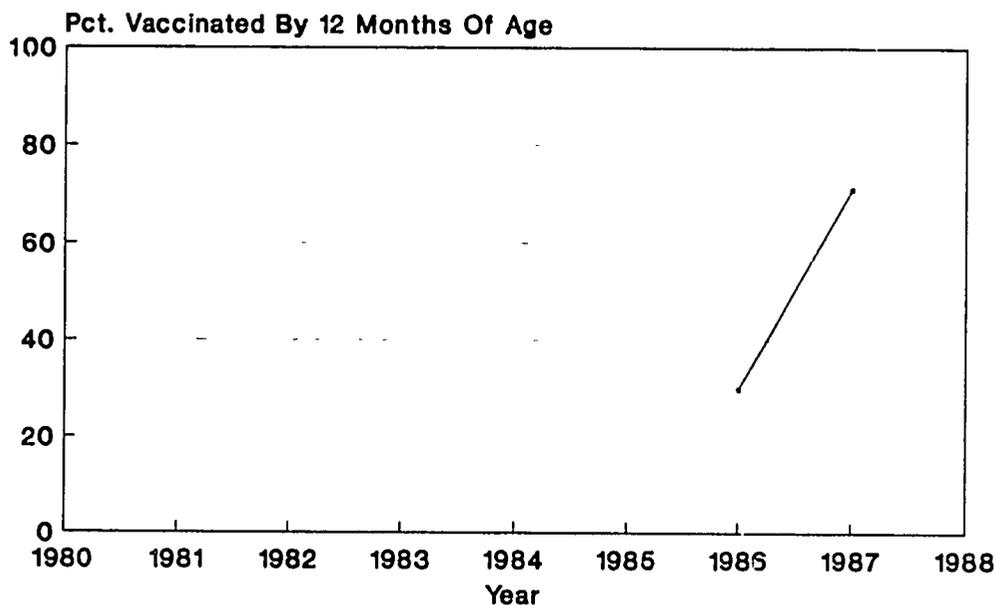
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

MEASLES VACCINATION COVERAGE RATES IN COTE D'IVOIRE



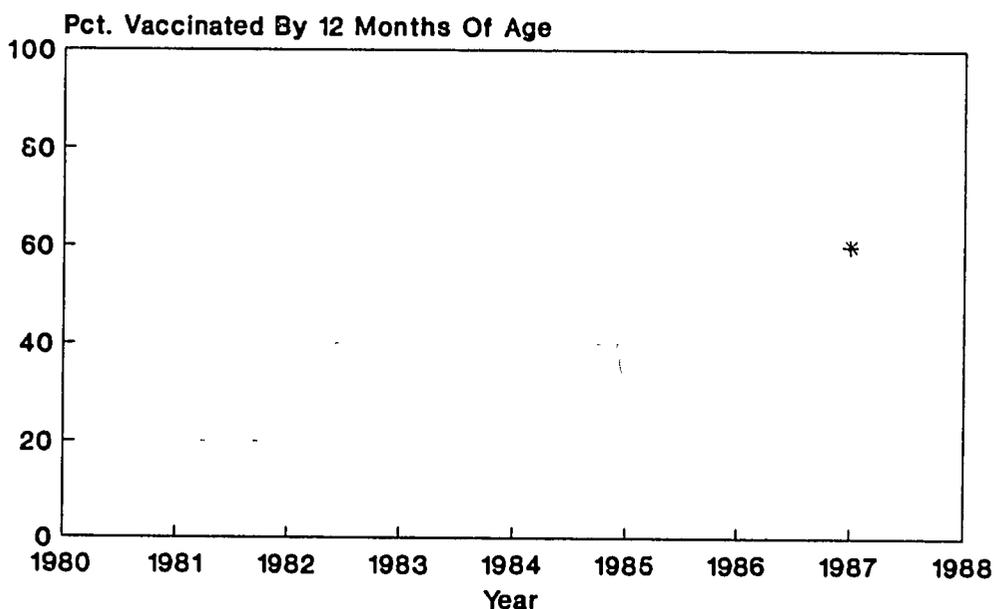
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

DPT III VACCINATION COVERAGE RATES IN COTE D'IVOIRE



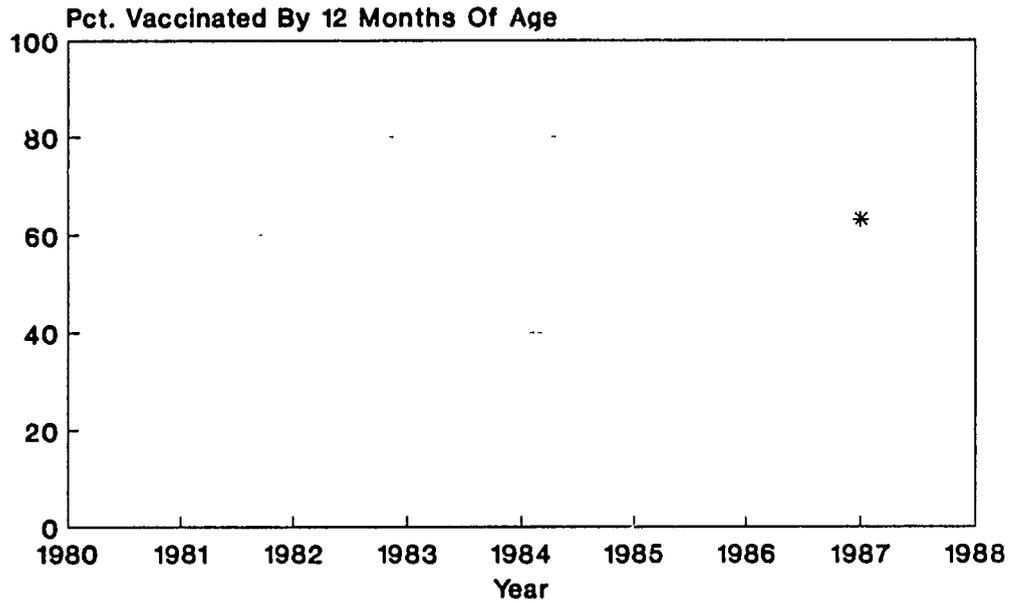
Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

POLIO 3 VACCINATION COVERAGE RATES IN COTE D'IVOIRE



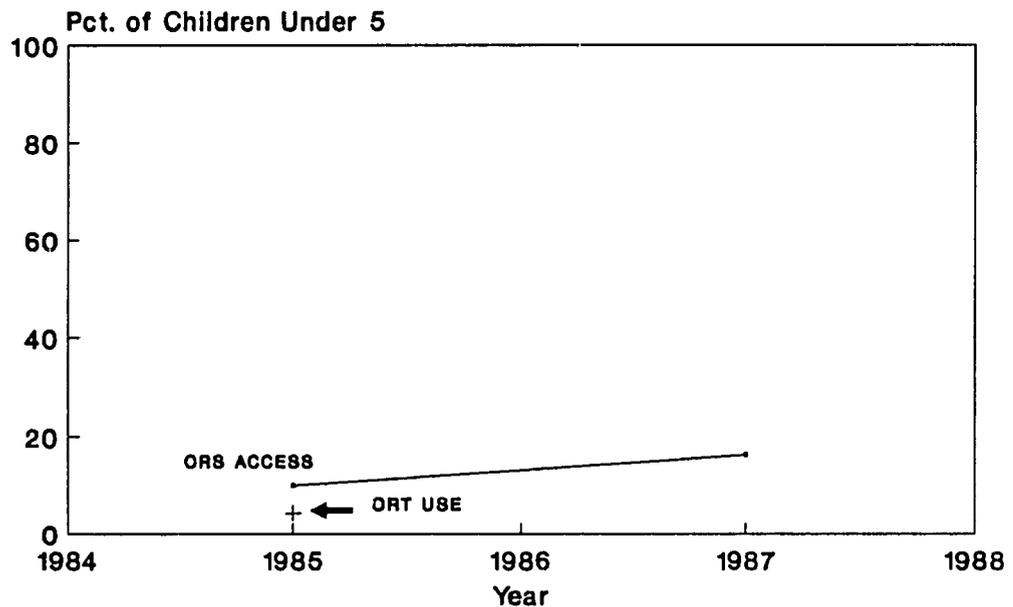
Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN COTE D'IVOIRE



Source: World Health Organization
 Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

ORS ACCESS AND ORT USE RATES IN COTE D'IVOIRE



SOURCE: World Health Organization,
 Annual Reports of the Program for
 Control of Diarrhoeal Diseases CIHI/ISTI, 10/1/89

October 5, 1989

DJIBOUTI

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	394,000	1989	A
Infant Mortality Rate	119/1000	1989	A
Life Expectancy At Birth	48 years	1989	A
Children Under Age 1	17,000	1989	A
Annual Infant Deaths	2,000	1989	A
Total Fertility Rate	6.6	1989	A

Child Survival Indicators

Immunization Coverage

BCG	42%	1987	B
Polio III	60%	1987	B
DPT III	60%	1987	B
Measles	61%	1987	B
Tetanus II	10%	1987	B

Oral Rehydration Therapy

ORS Access Rate	76.1%	1987	C
ORT Use Rate	21.8%	1987	C

Contraceptive Prevalence N/A

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

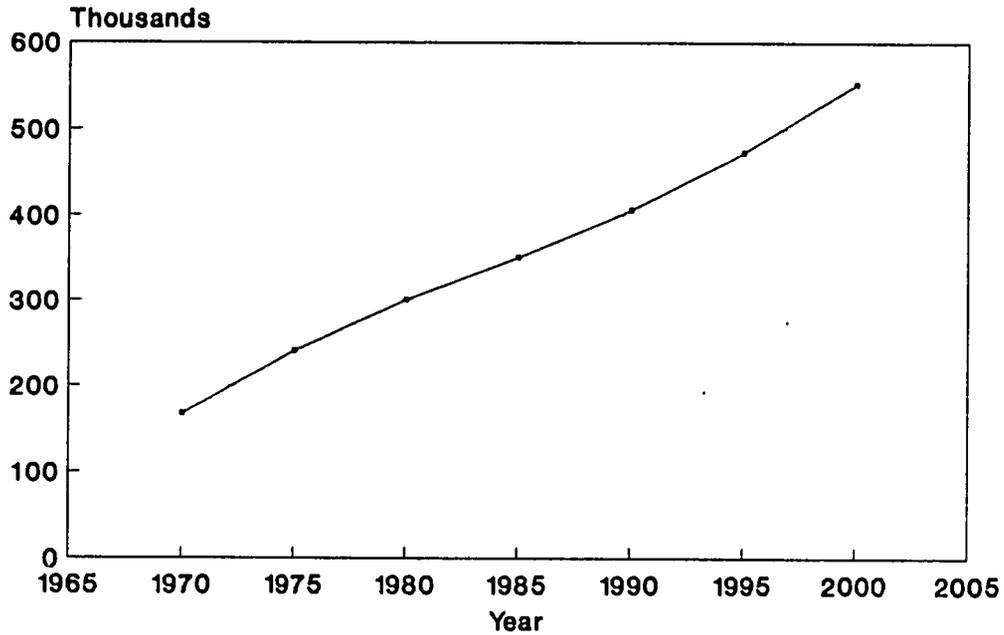
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

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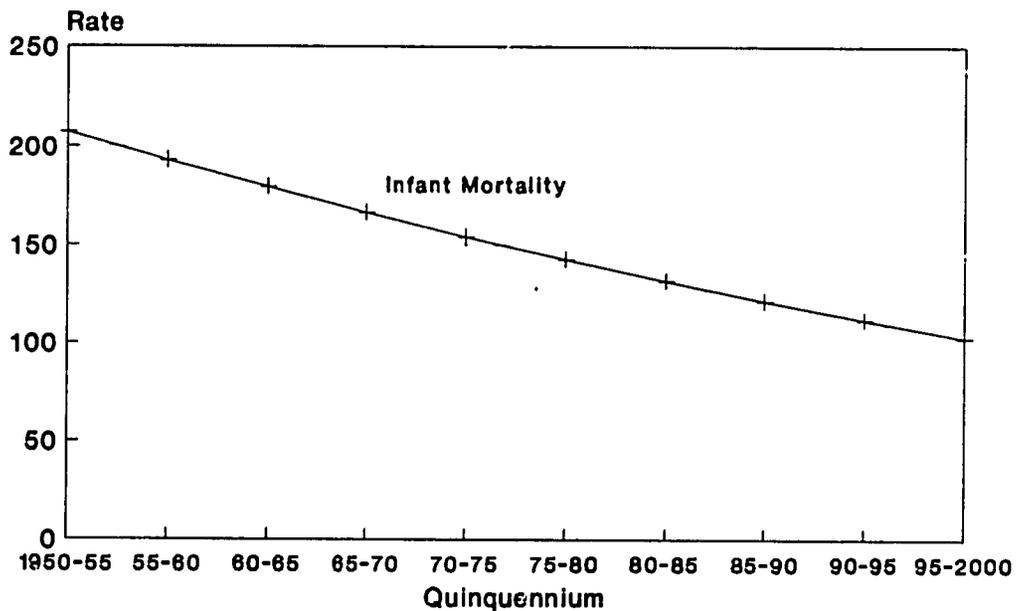
POPULATION ESTIMATES DJIBOUTI



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN DJIBOUTI

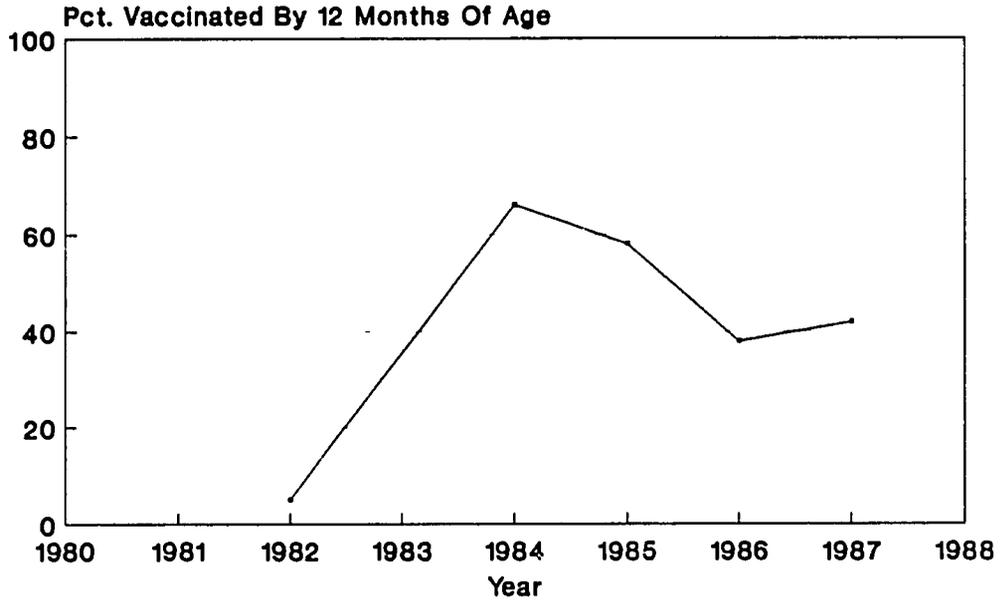


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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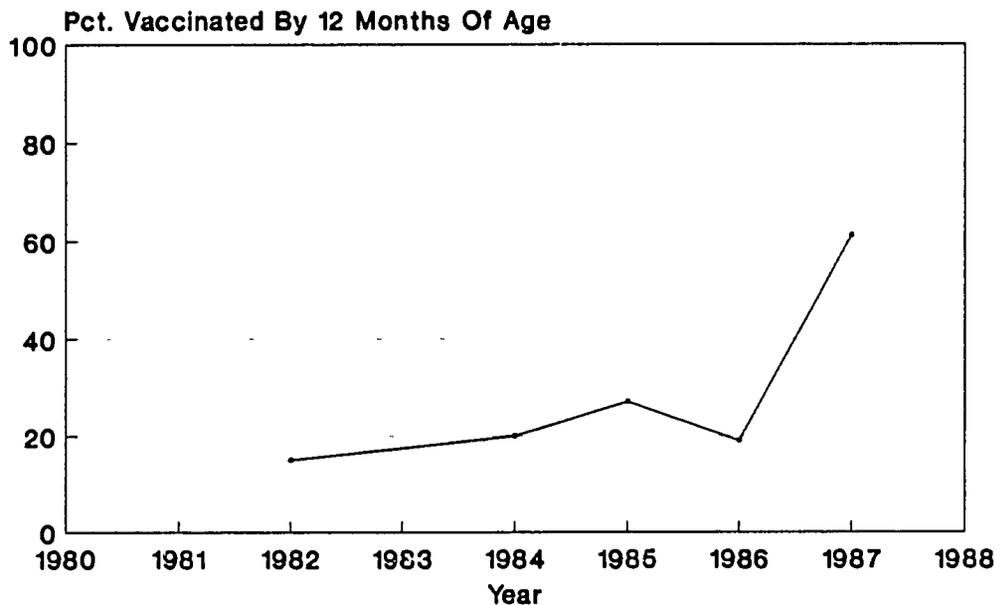
BCG VACCINATION COVERAGE RATES IN DJIBOUTI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

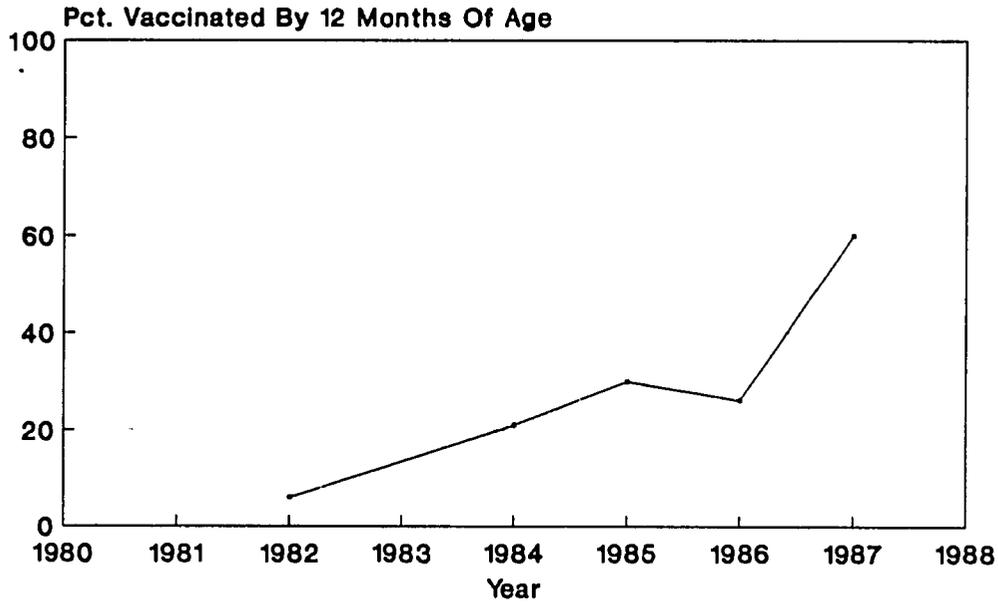
MEASLES VACCINATION COVERAGE RATES IN DJIBOUTI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

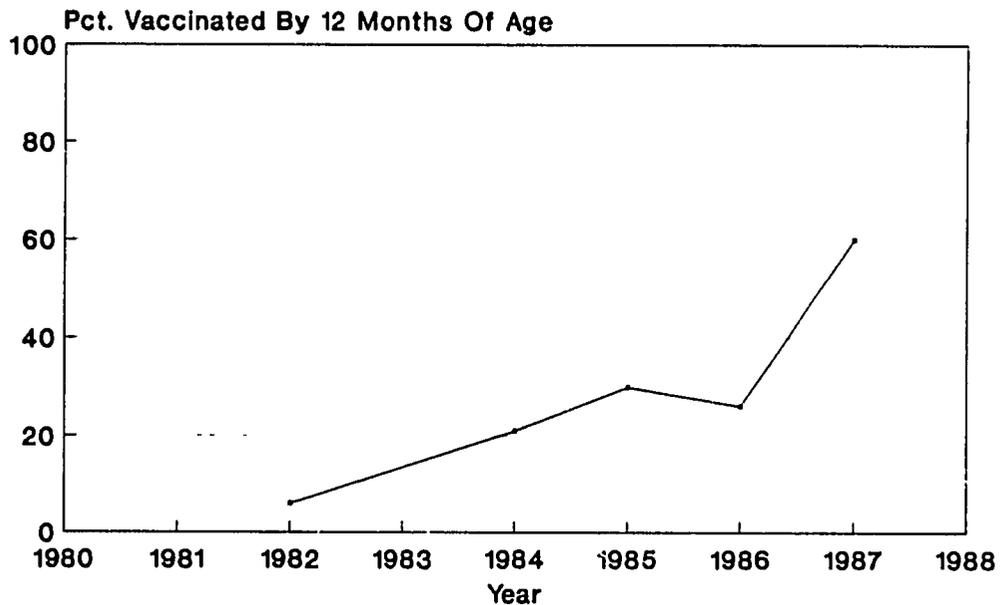
DPT III VACCINATION COVERAGE RATES IN DJIBOUTI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN DJIBOUTI

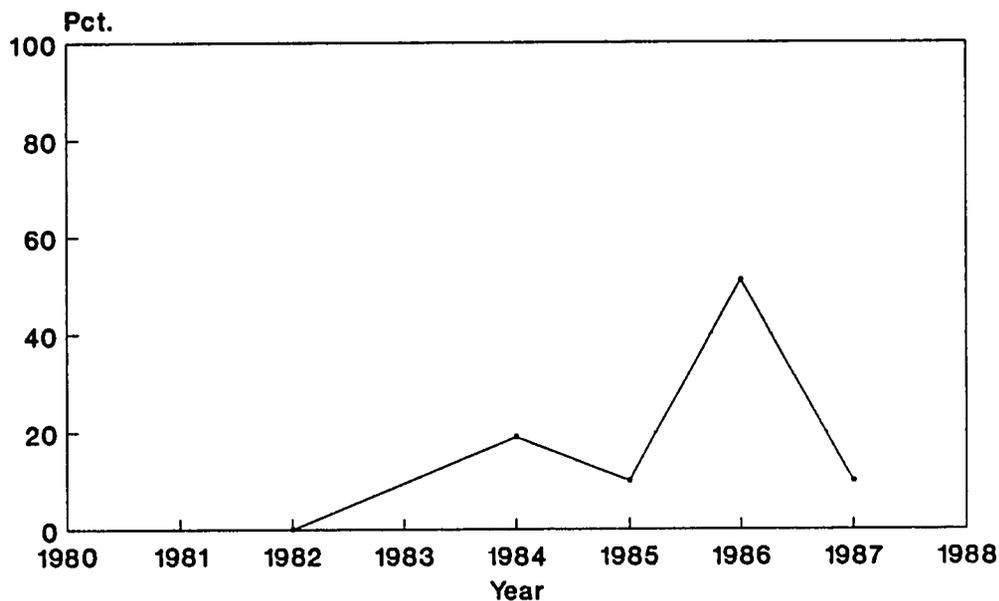


Source:
World Health Organization
Report EPI/MISC/89.2

Center For international Health Information, ISTI, 7/1/89

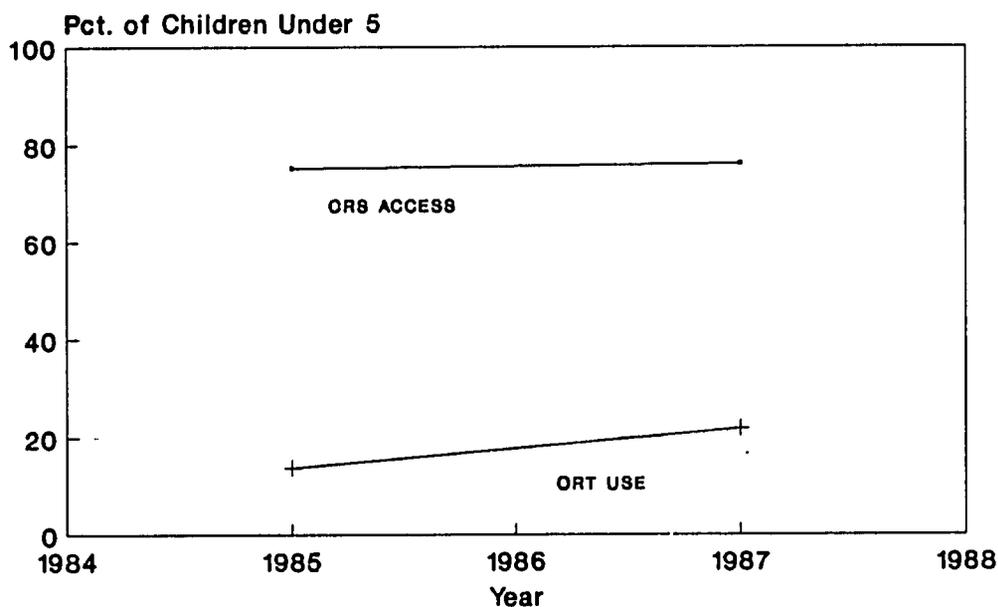
40

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN DJIBOUTI



Source: World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN DJIBOUTI



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 8/1/89

October 6, 1989

GAMBIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	835,000	1989	A
Infant Mortality Rate	140/1000	1989	A
Life Expectancy At Birth	44 years	1989	A
Children Under Age 1	35,000	1989	A
Annual Infant Deaths	5,000	1989	A
Total Fertility Rate	6.3	1989	A

Child Survival Indicators

Immunization Coverage

BCG	90%	1987	B
Polio III	83%	1987	B
DPT III	77%	1987	B
Measles	82%	1987	B
Tetanus II	85%	1987	B

Oral Rehydration Therapy

ORS Access Rate	29.2%	1986	C
ORT Use Rate	2.9%	1986	C

Contraceptive Prevalence 1% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

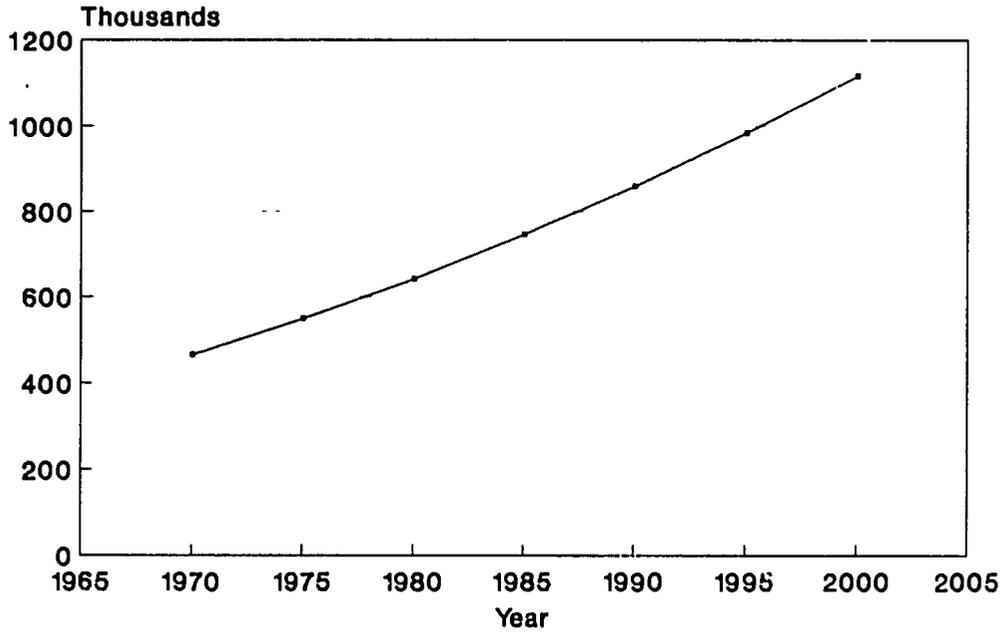
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D U.S. Bureau of the Census, World Population Profile: 1987, December, 1987.

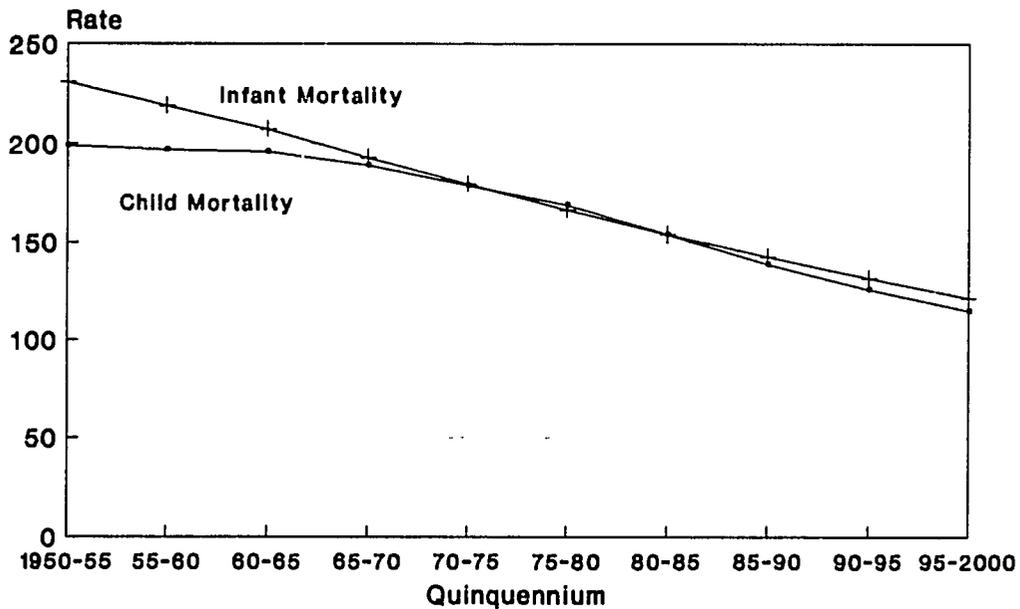
POPULATION ESTIMATES THE GAMBIA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

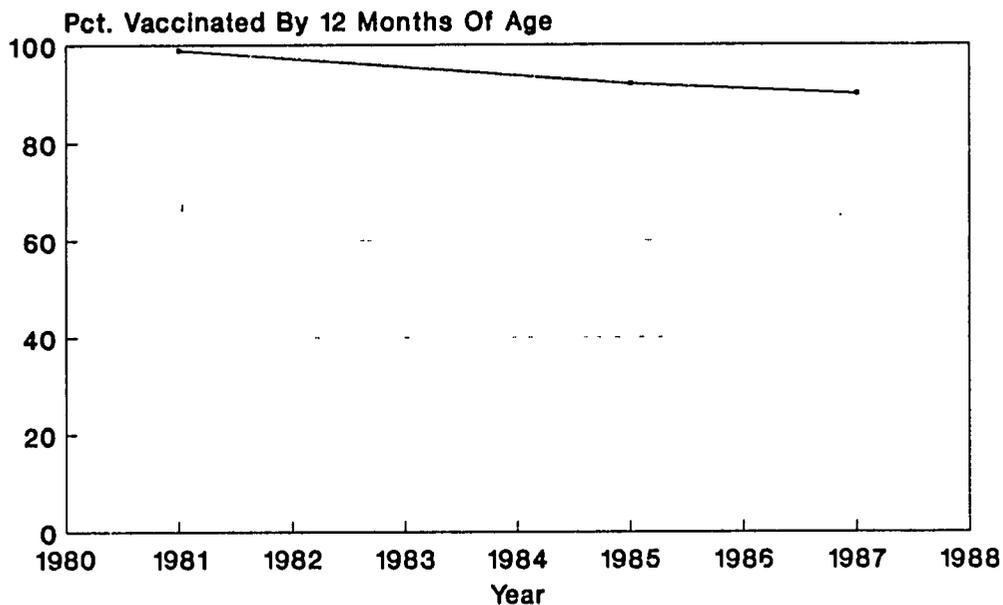
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN THE GAMBIA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

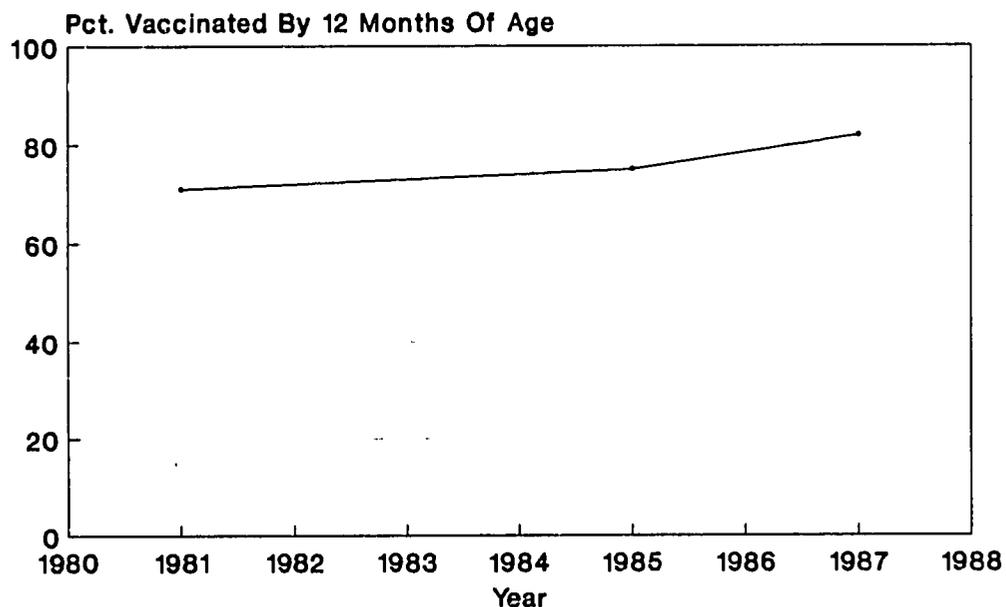
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN THE GAMBIA



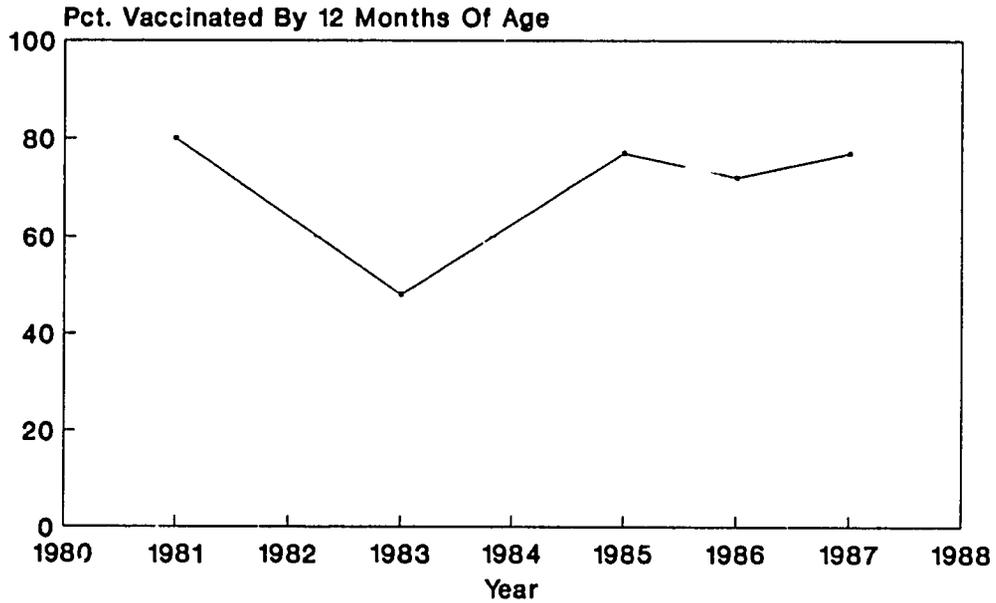
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

MEASLES VACCINATION COVERAGE RATES IN THE GAMBIA



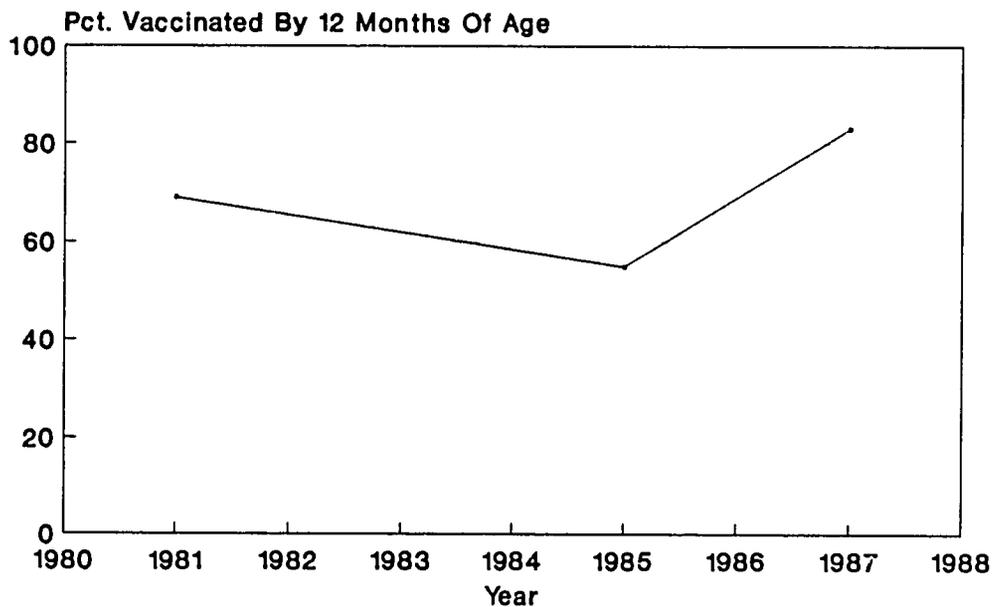
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

DPT III VACCINATION COVERAGE RATES IN THE GAMBIA



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

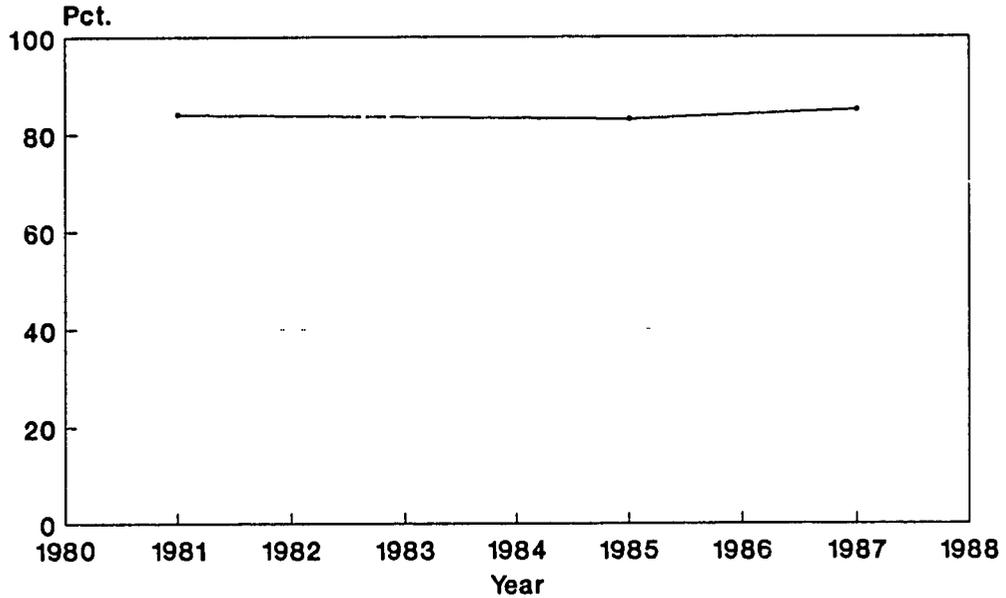
POLIO III VACCINATION COVERAGE RATES IN THE GAMBIA



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

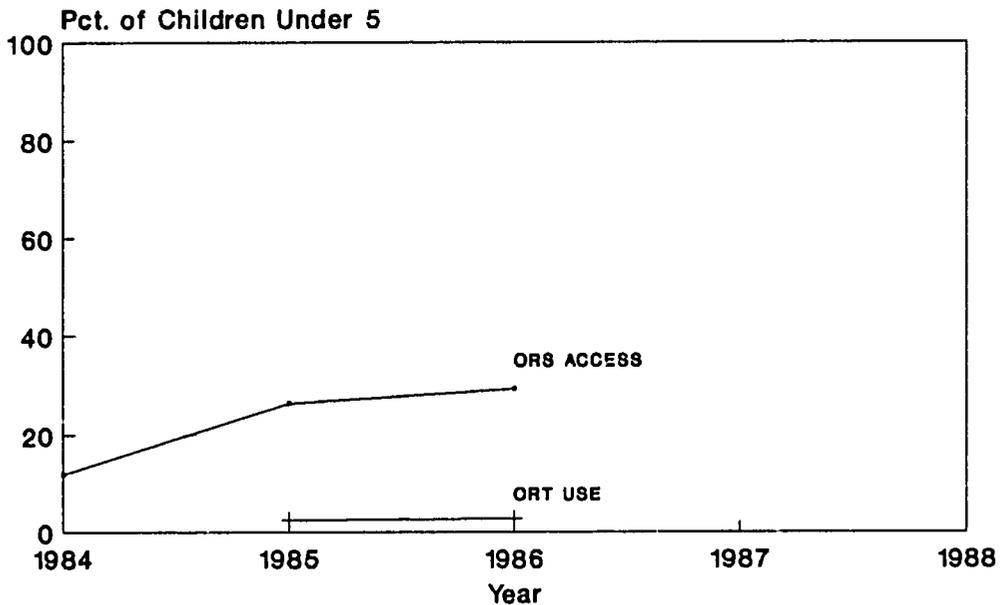
57

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN THE GAMBIA



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

ORS ACCESS AND ORT USE RATES IN THE GAMBIA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 10/1/89

EM

October 6, 1989

GHANA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	14,566,000	1989	A
Infant Mortality Rate	87/1000	1989	A
Life Expectancy At Birth	55 years	1989	A
Children Under Age 1	600,000	1989	A
Annual Infant Deaths	56,000	1989	A
Total Fertility Rate	6.3	1989	A

Child Survival Indicators

Immunization Coverage

BCG	71%	1987	B
Polio III	34%	1987	B
DPT III	37%	1987	B
Measles	51%	1987	B
Tetanus II	42%	1986	B

Oral Rehydration Therapy

ORS Access Rate	20.1%	1987	C
ORT Use Rate	36.0%	1987	C

Contraceptive Prevalence 10% 1979/80 D

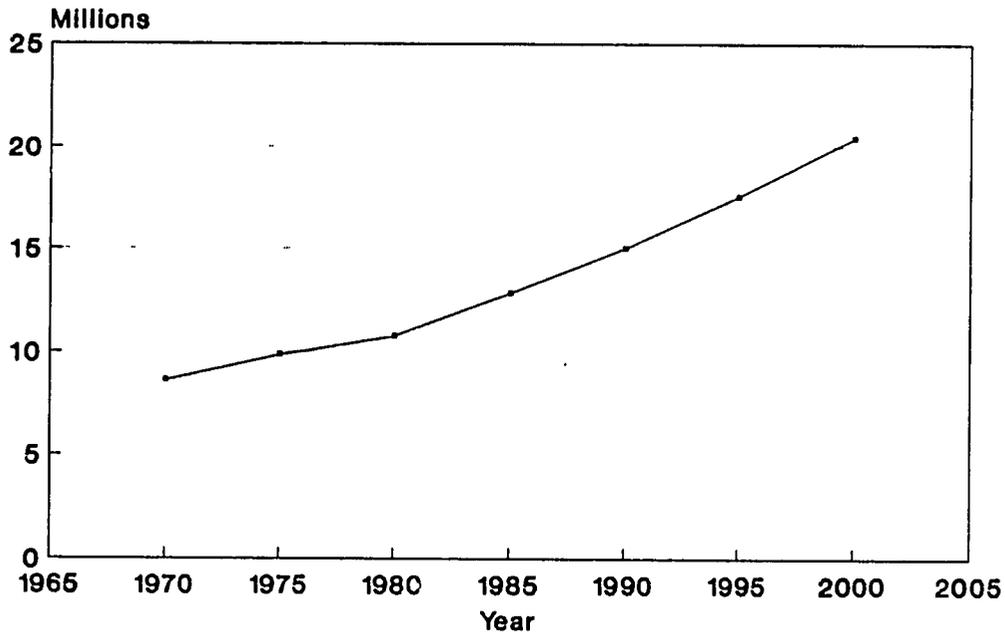
Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

-
- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

55

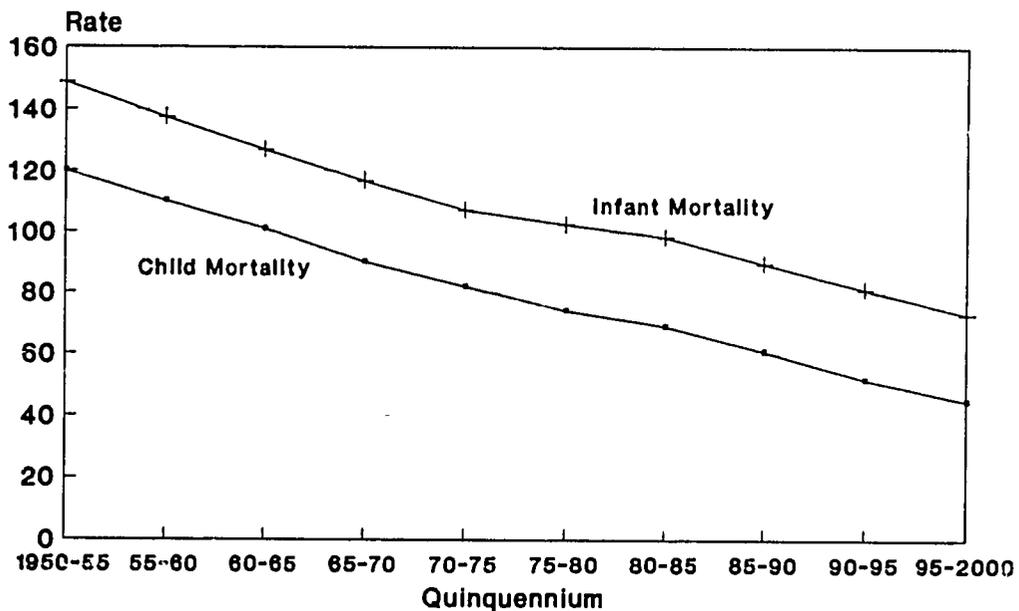
POPULATION ESTIMATES GHANA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

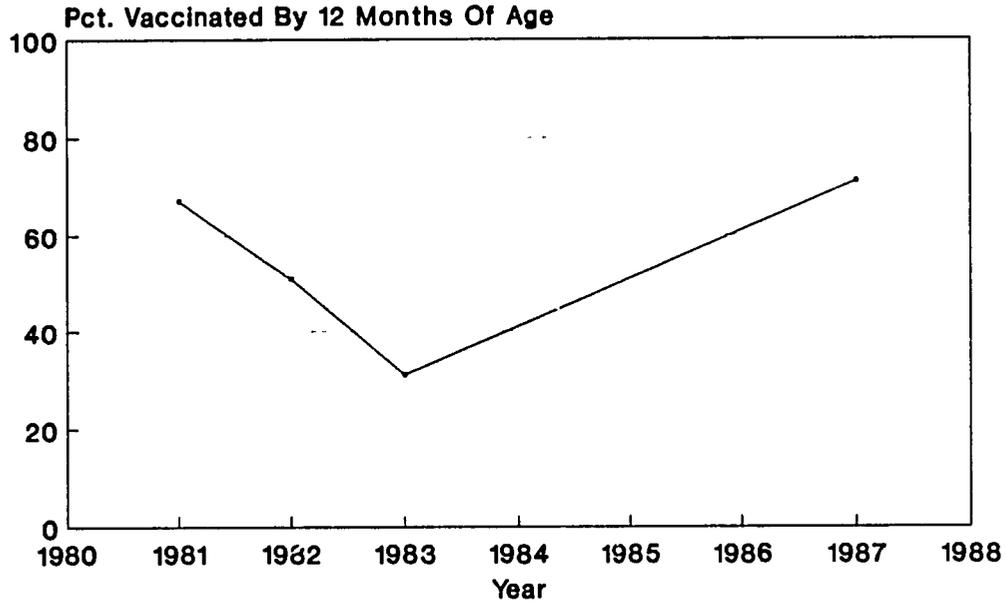
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN GHANA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

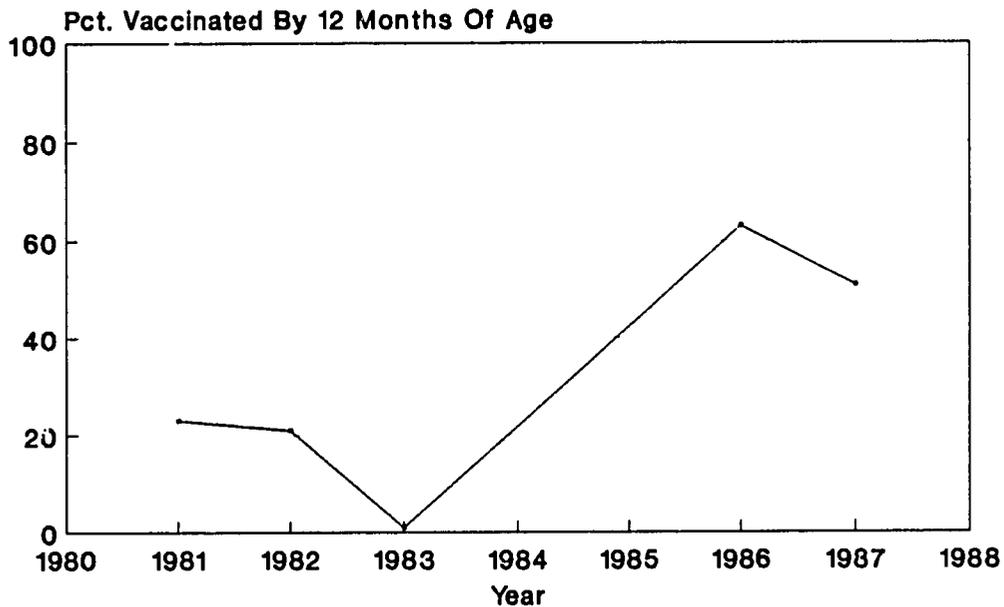
BCG VACCINATION COVERAGE RATES IN GHANA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

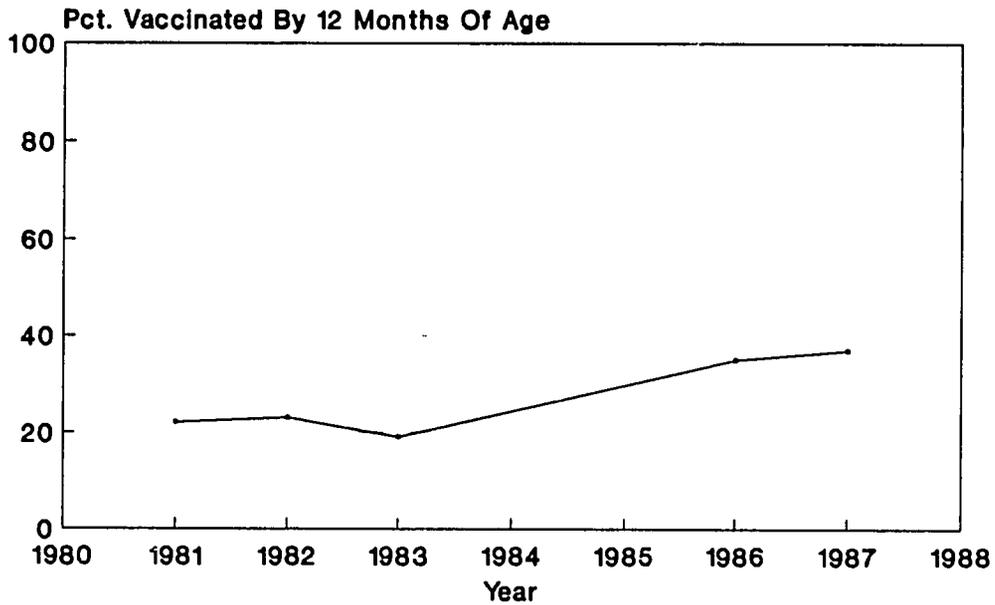
MEASLES VACCINATION COVERAGE RATES IN GHANA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

DPT III VACCINATION COVERAGE RATES IN GHANA

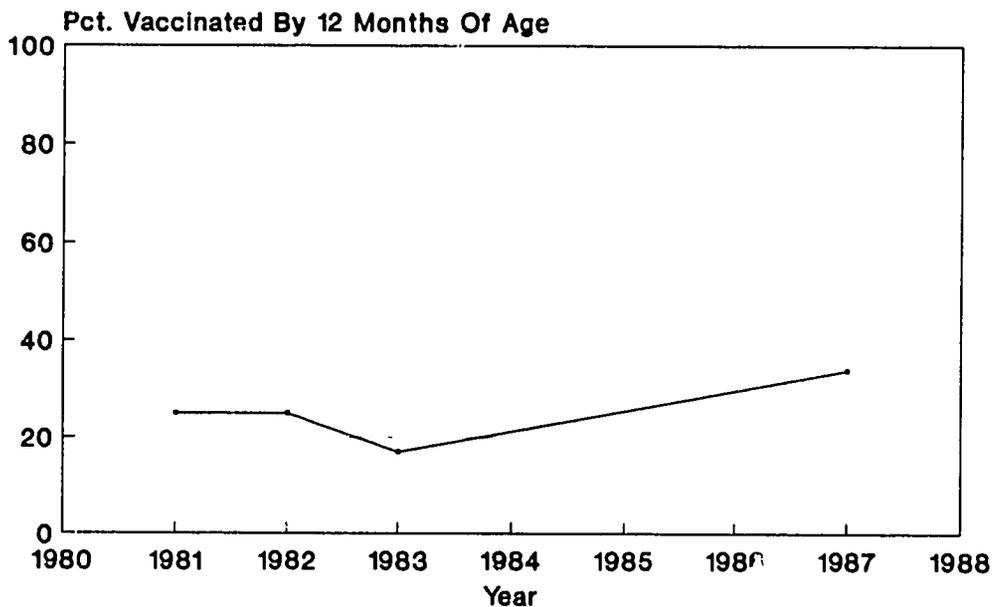


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO III VACCINATION COVERAGE RATES IN GHANA

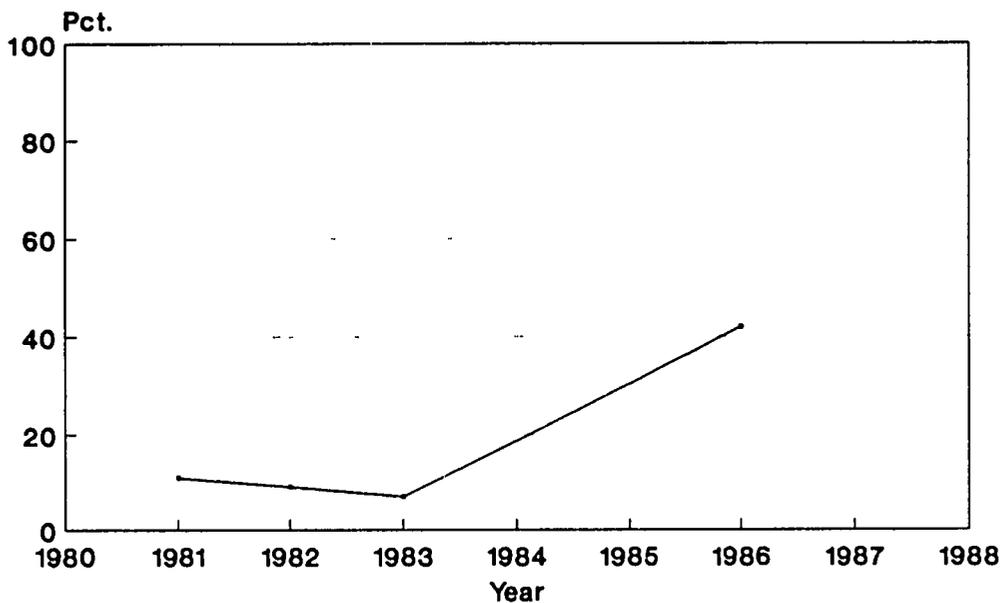


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

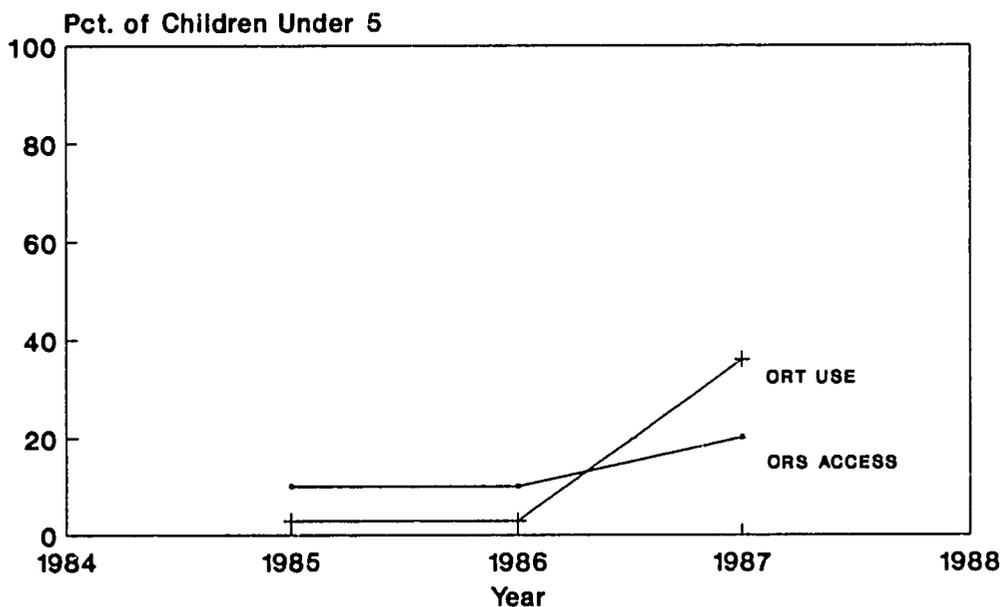
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN GHANA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, 7/1/89

ORS ACCESS AND ORT USE RATES IN GHANA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 10/1/89

October 6, 1989

GUINEA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	6,540,000	1989	A
Infant Mortality Rate	144/1000	1989	A
Life Expectancy At Birth	43 years	1989	A
Children Under Age 1	272,000	1989	A
Annual Infant Deaths	43,000	1989	A
Total Fertility Rate	6.2	1989	A

Child Survival Indicators

Immunization Coverage

BCG	6%	1986	B
Polio III	1%	1986	B
DPT III	2%	1986	B
Measles	9%	1986	B
Tetanus II	7%	1986	B

Oral Rehydration Therapy

ORS Access Rate	6%	1987	C
ORT Use Rate	1%	1986	C

Contraceptive Prevalence 1% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

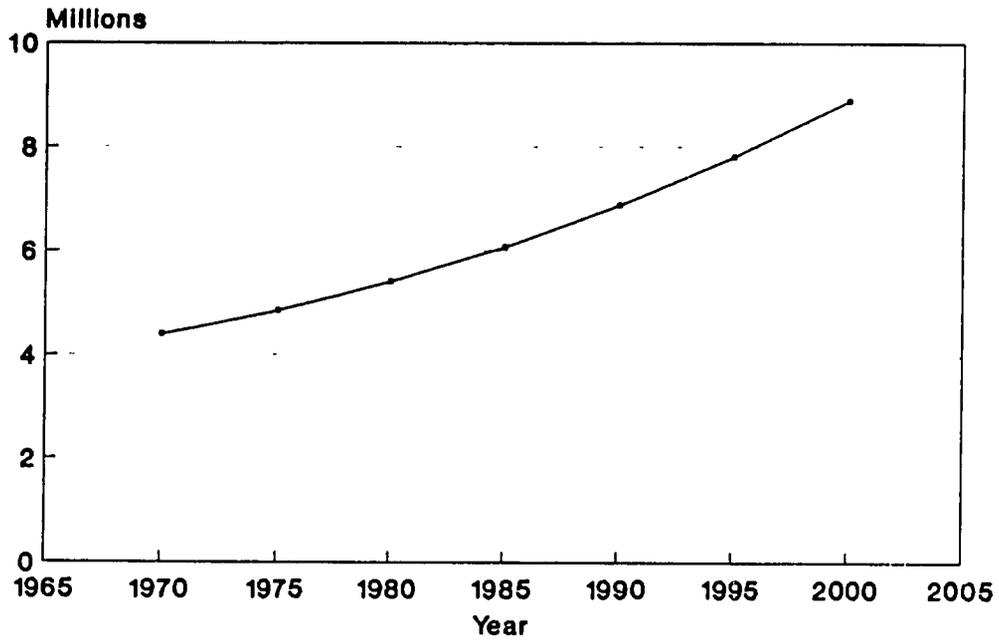
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D U.S. Bureau of the Census, World Population Profile: 1987, December, 1987.

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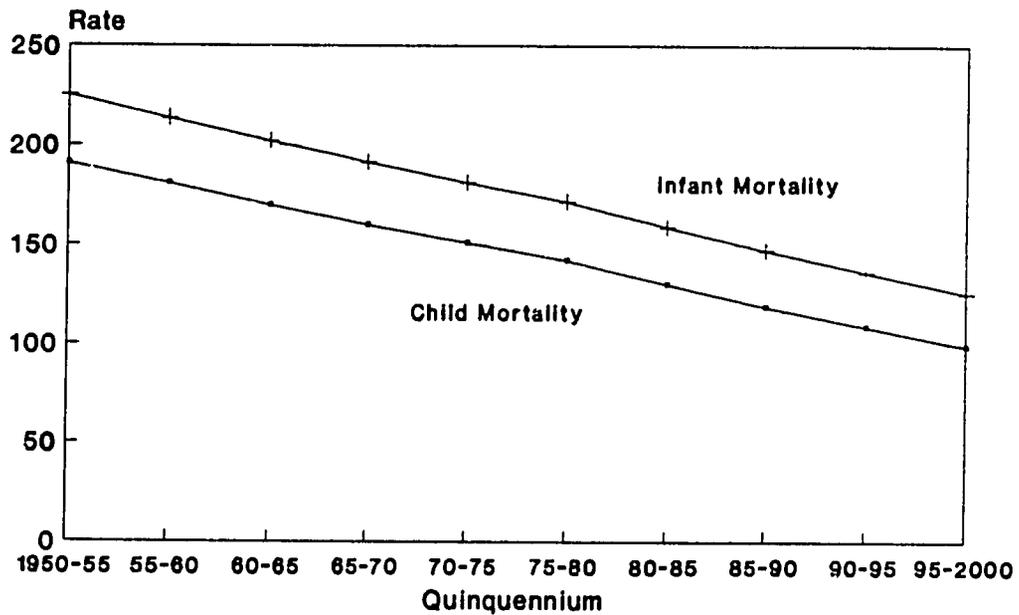
POPULATION ESTIMATES GUINEA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

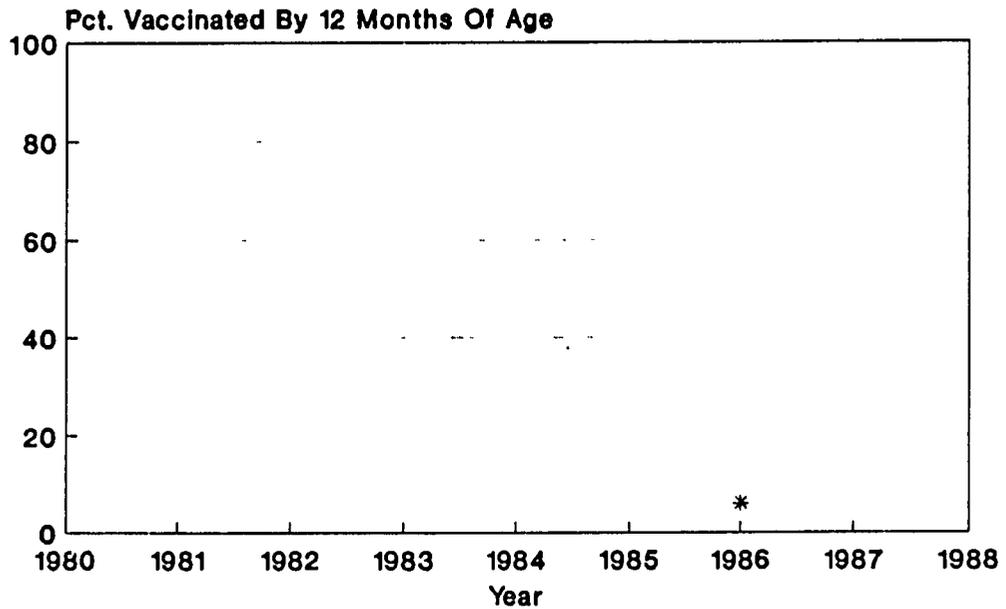
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN GUINEA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

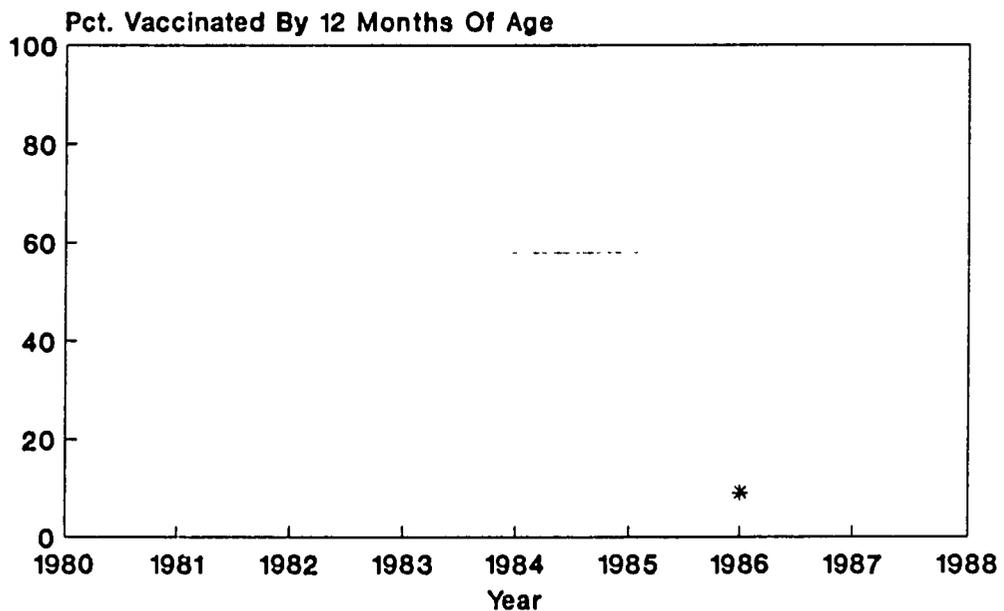
BCG VACCINATION COVERAGE RATES IN GUINEA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

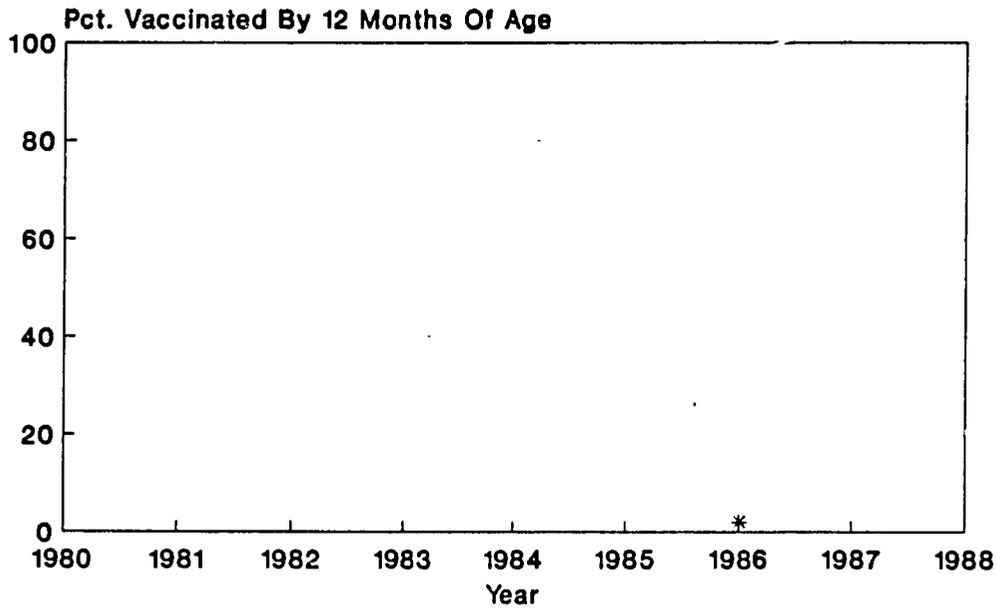
MEASLES VACCINATION COVERAGE RATES IN GUINEA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

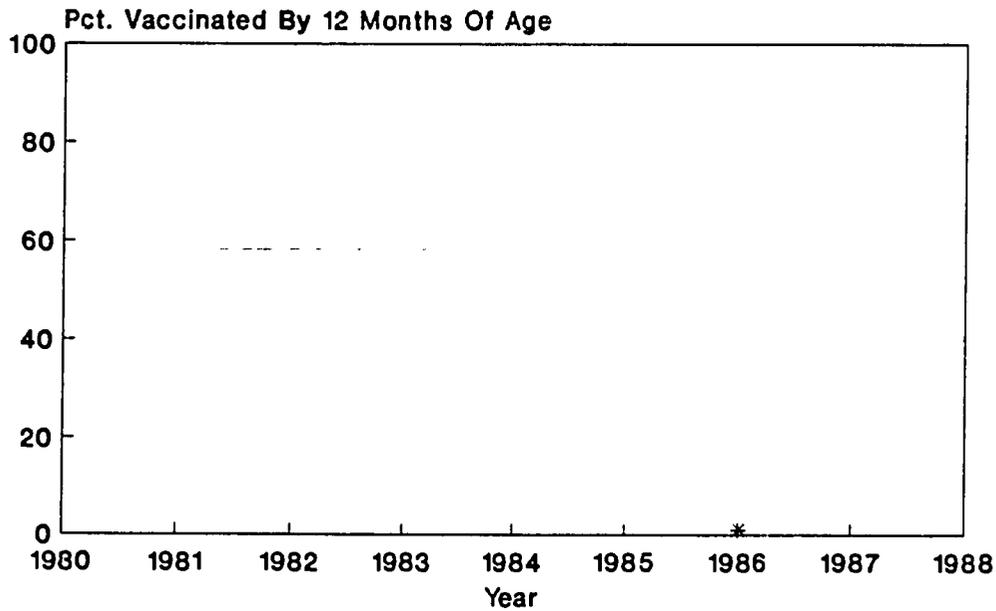
DPT III VACCINATION COVERAGE RATES IN GUINEA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

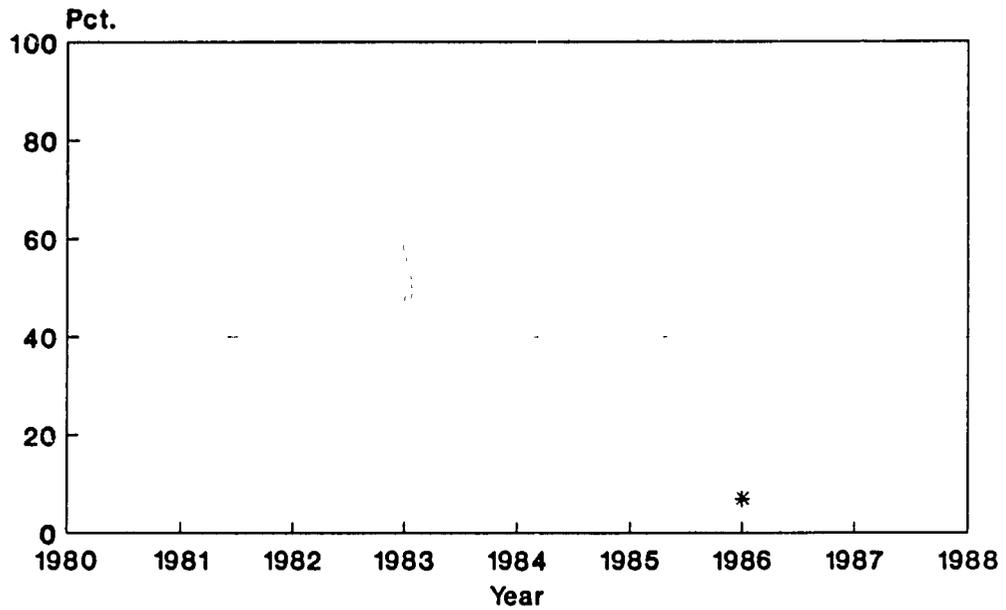
POLIO III VACCINATION COVERAGE RATES IN GUINEA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

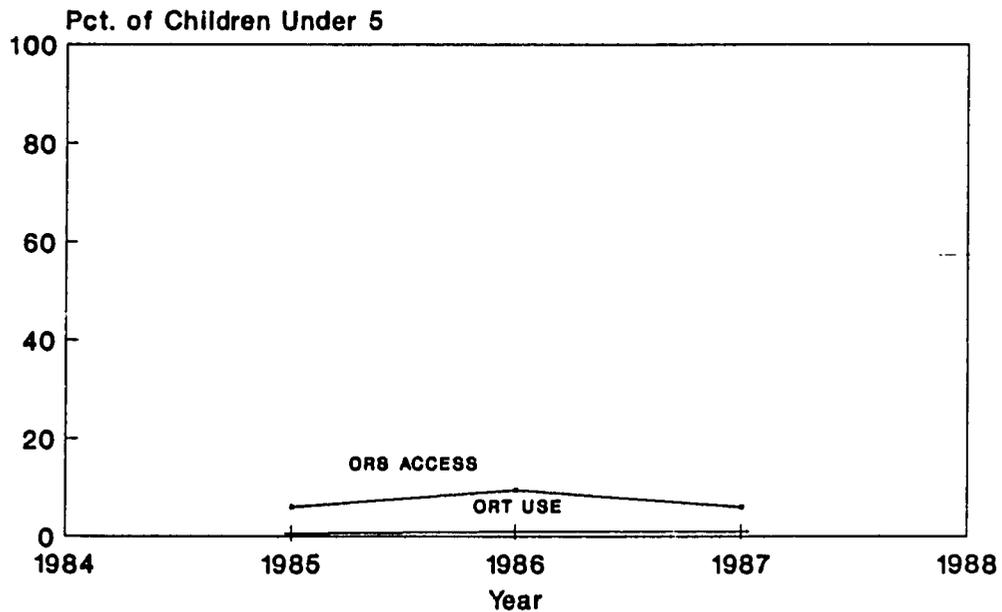
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN GUINEA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN GUINEA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

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October 6, 1989

KENYA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	24,097,000	1989	A
Infant Mortality Rate	70/1000	1989	A
Life Expectancy At Birth	59 years	1989	A
Children Under Age 1	1,214,000	1989	A
Annual Infant Deaths	89,000	1989	A
Total Fertility Rate	8.0	1989	A

Child Survival Indicators

Immunization Coverage

BCG	86%	1987	B
Polio III	75%	1987	B
DPT III	75%	1987	B
Measles	60%	1987	B
Tetanus II	3.%	1987	B

Oral Rehydration Therapy

ORS Access Rate	92.8%	1987	C
ORT Use Rate	76.0%	1987	C

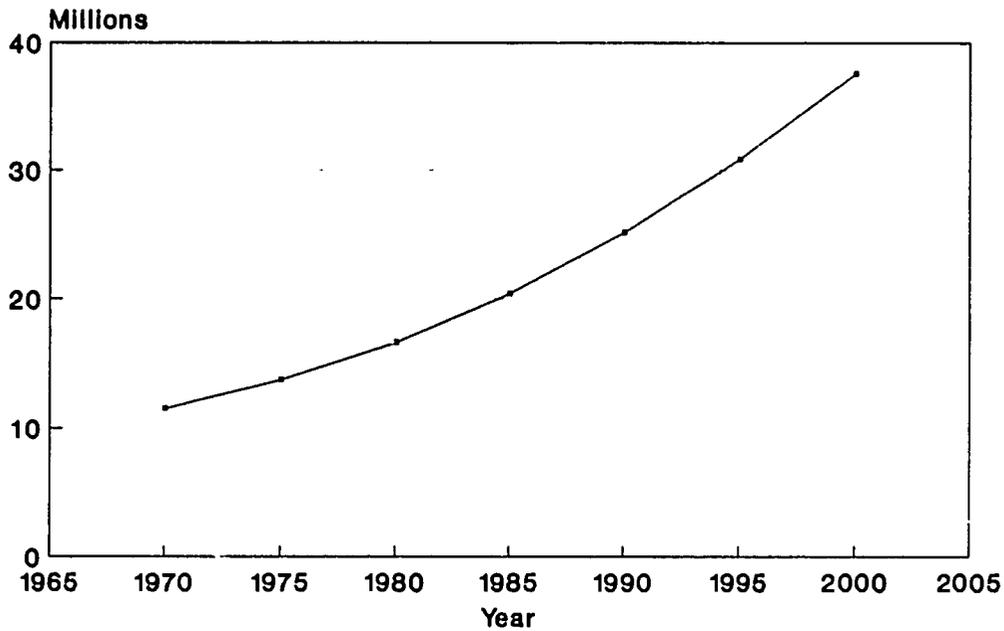
Contraceptive Prevalence 17% 1984 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

-
- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

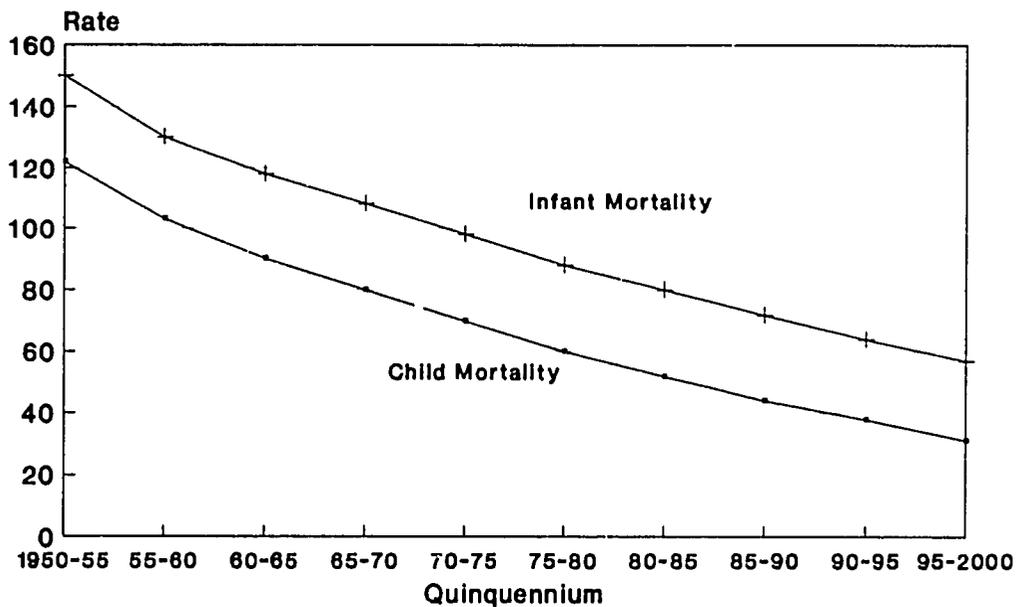
POPULATION ESTIMATES KENYA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN KENYA

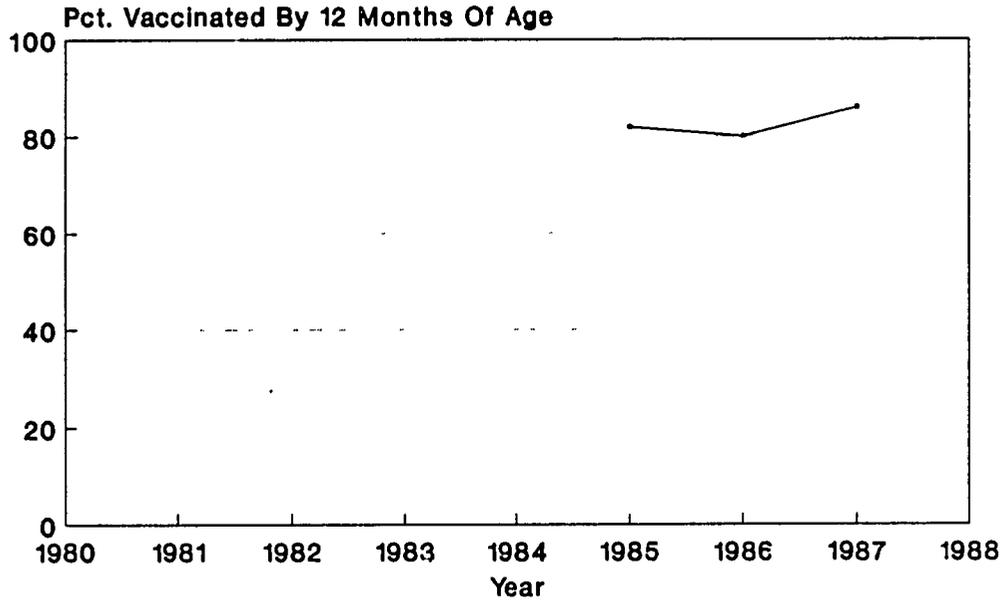


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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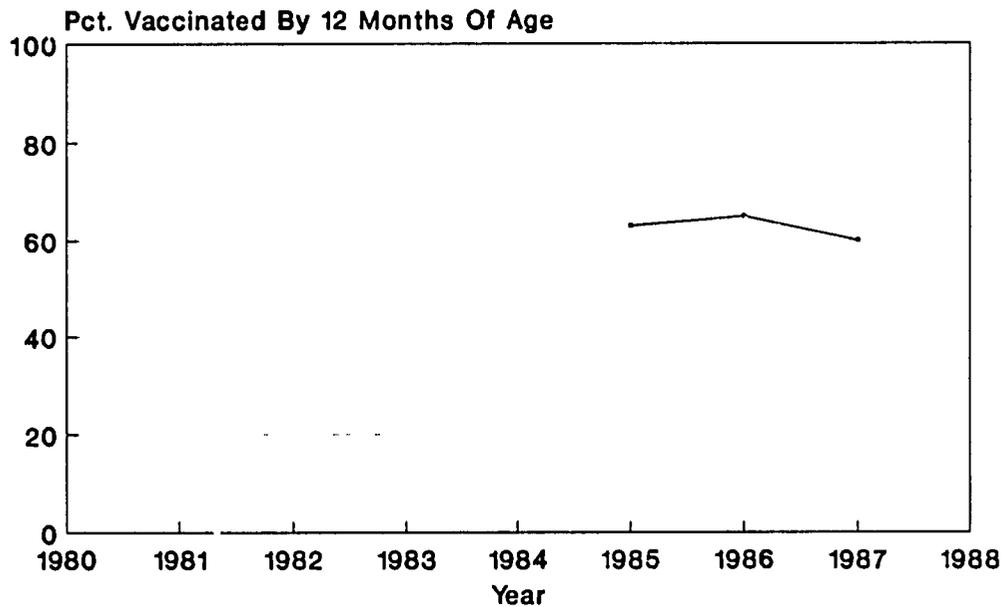
BCG VACCINATION COVERAGE RATES IN KENYA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

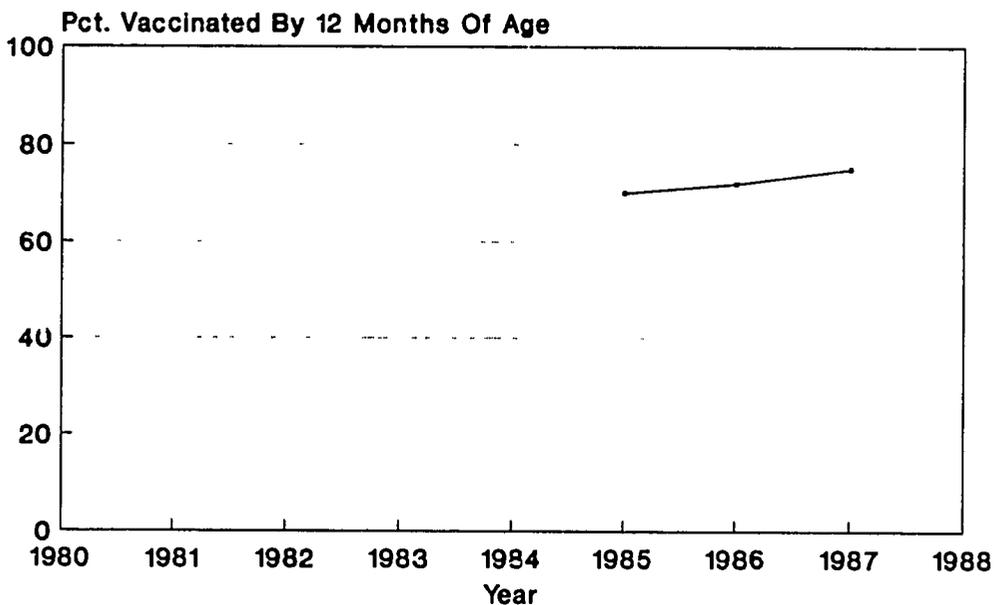
MEASLES VACCINATION COVERAGE RATES IN KENYA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

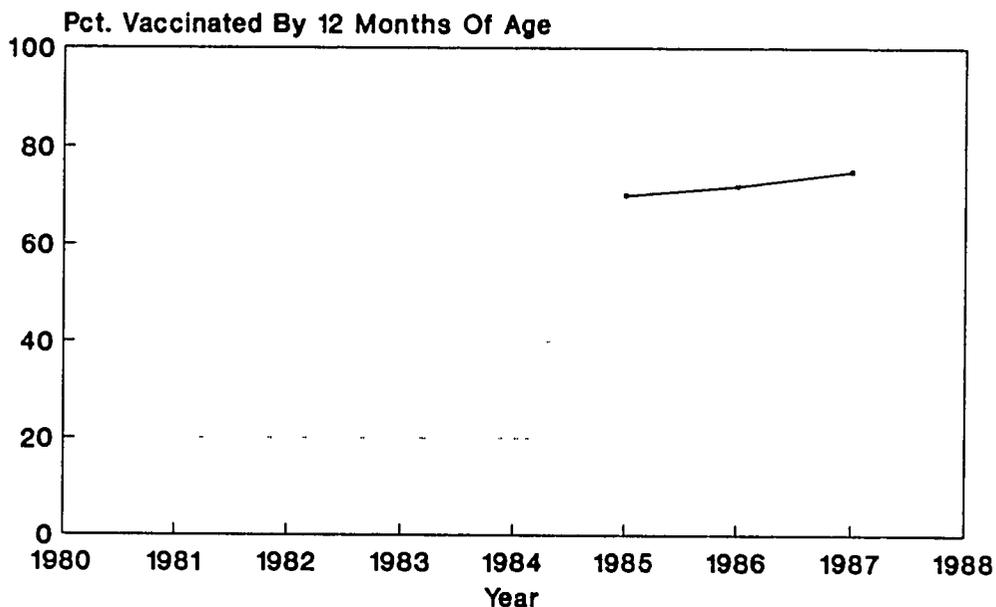
DPT III VACCINATION COVERAGE RATES IN KENYA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

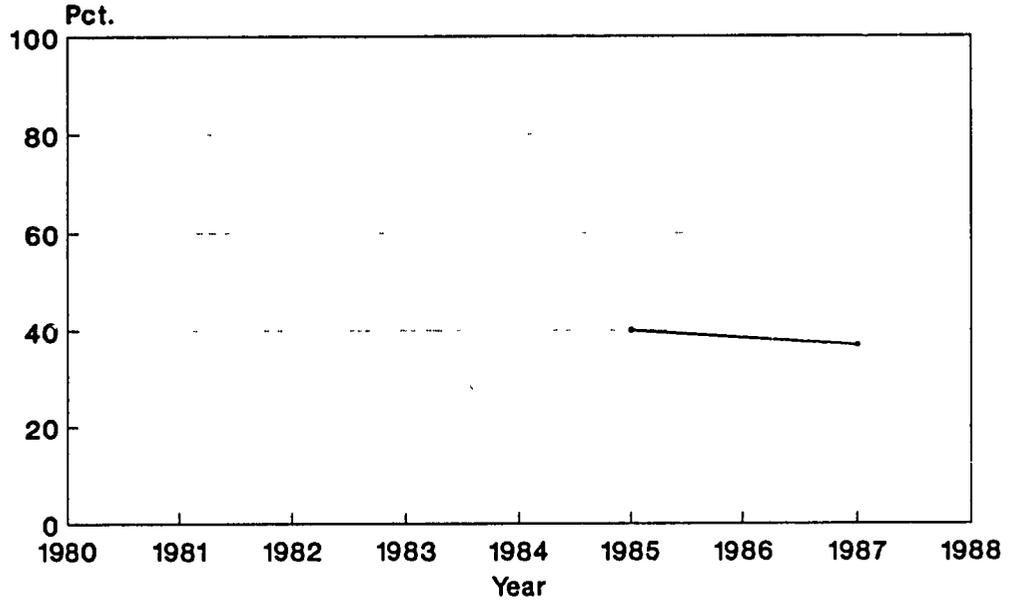
POLIO III VACCINATION COVERAGE RATES IN KENYA



Source:
World Health Organization
Report EPI/MISC/89.2

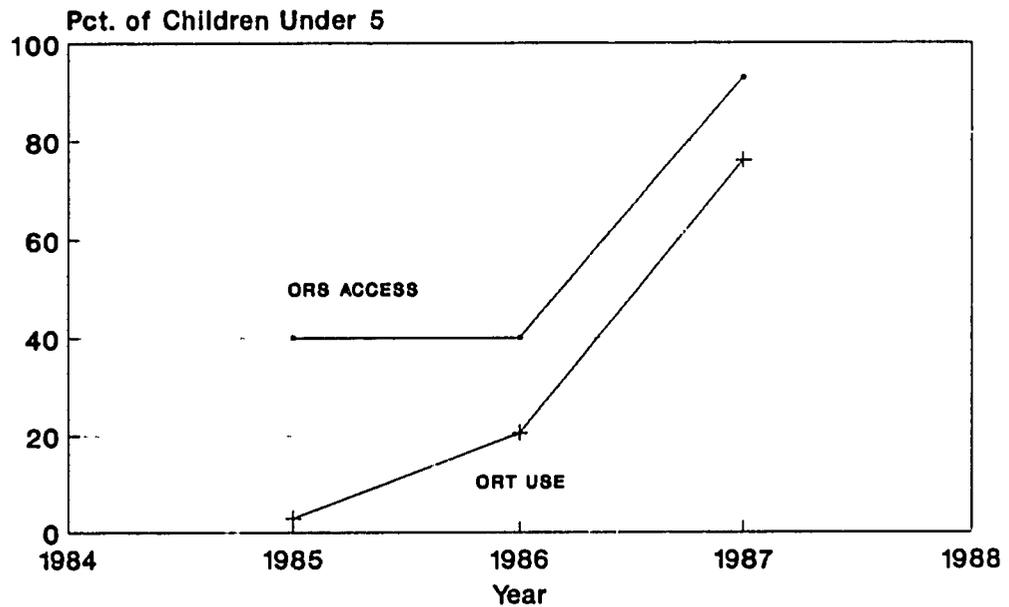
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN KENYA



Source:
 World Health Organization
 Report EPI/MISC/89.2
 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN KENYA



SOURCE: World Health Organization,
 Annual Reports of the Program for
 Control of Diarrhoeal Diseases
 CIHI/ISTI, 6/1/89

October 6, 1989

LESOTHO

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	1,724,000	1989	A
Infant Mortality Rate	97/1000	1989	A
Life Expectancy At Birth	57 years	1989	A
Children Under Age 1	65,000	1989	A
Annual Infant Deaths	7,000	1989	A
Total Fertility Rate	5.7	1989	A

Child Survival Indicators

Immunization Coverage

BCG	84%	1988	B
Polio III	77%	1988	B
DPT III	77%	1988	B
Measles	79%	1988	B
Tetanus II	82%	1986	B

Oral Rehydration Therapy

ORS Access Rate	100.0%	1987	C
ORT Use Rate	68.0%	1987	C

Contraceptive Prevalence 5% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

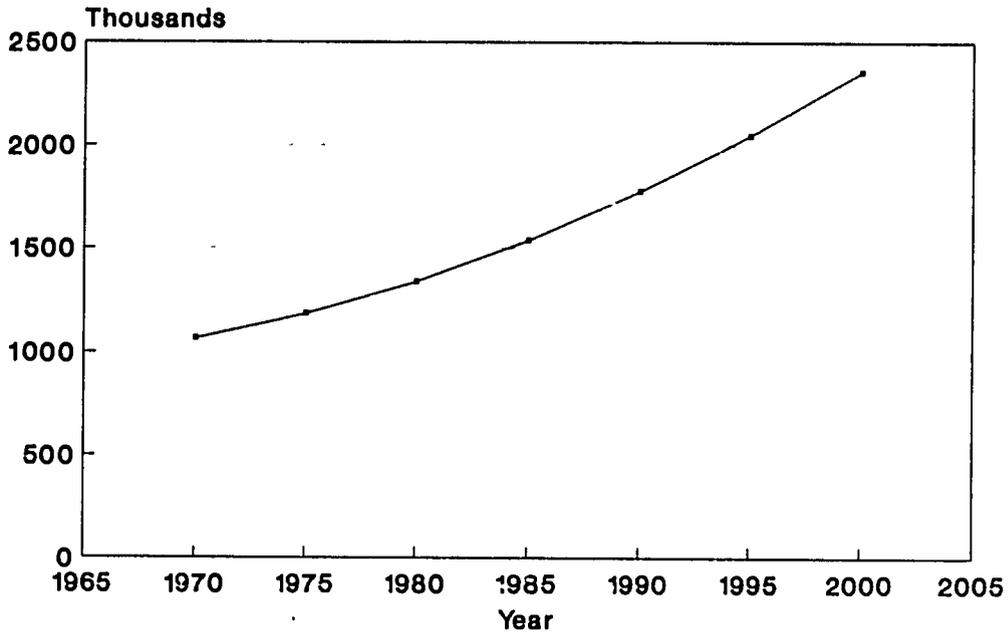
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

10

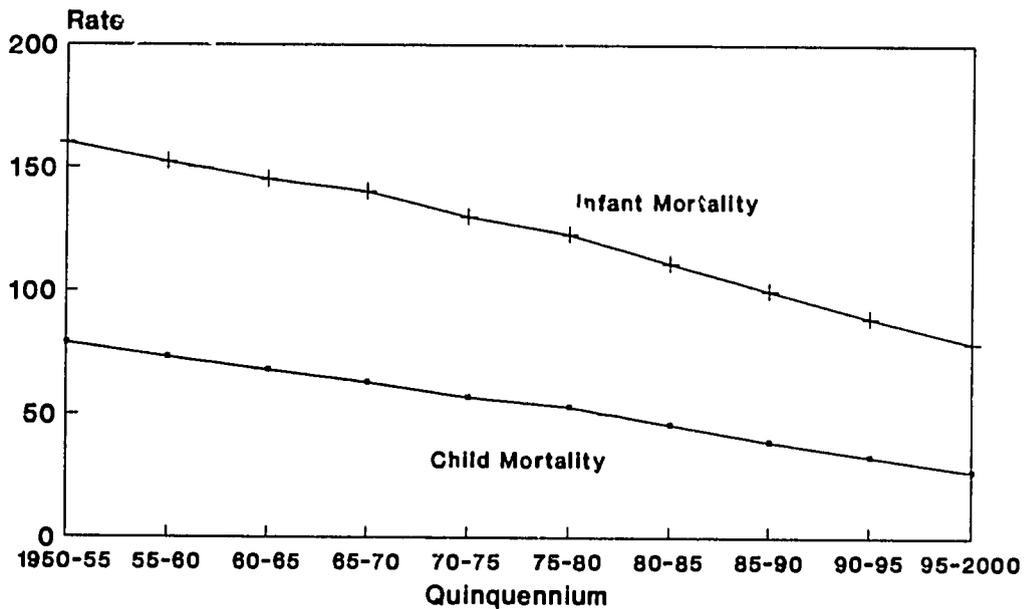
POPULATION ESTIMATES LESOTHO



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

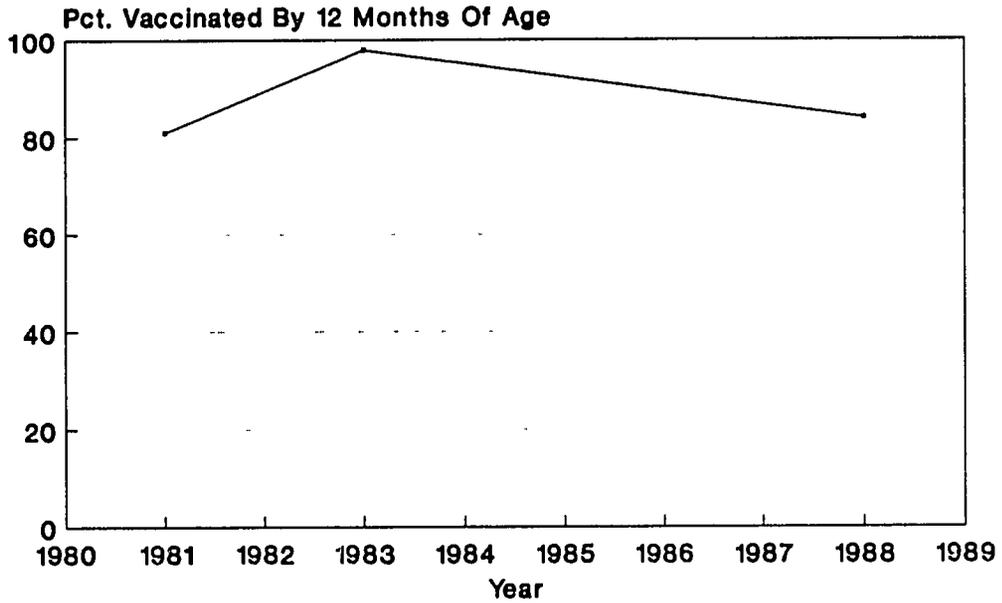
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN LESOTHO



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

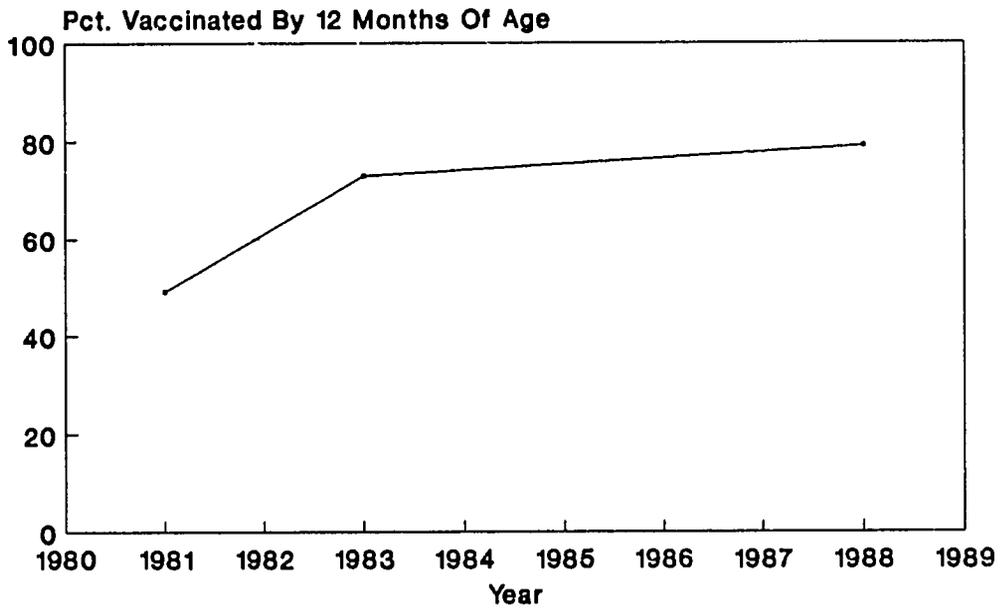
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN LESOTHO



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 10/1/89

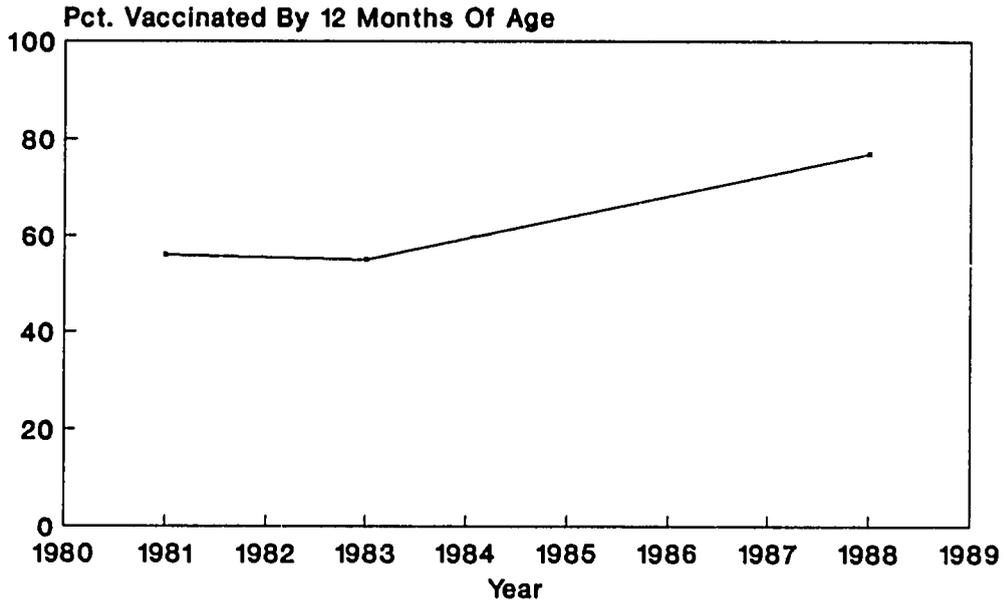
MEASLES VACCINATION COVERAGE RATES IN LESOTHO



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 107/1/89

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DPT III VACCINATION COVERAGE RATES IN LESOTHO

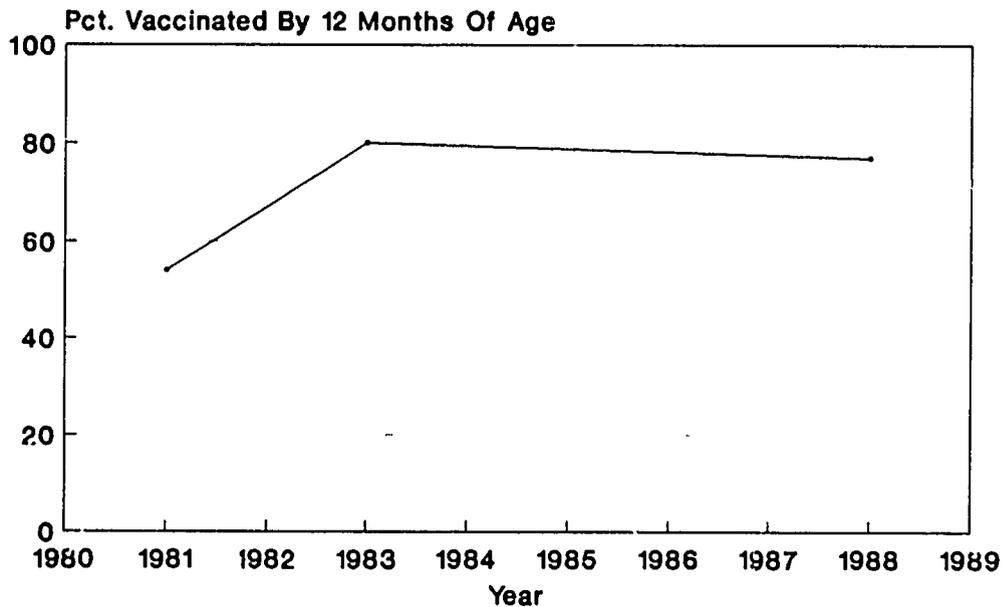


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO III VACCINATION COVERAGE RATES IN LESOTHO

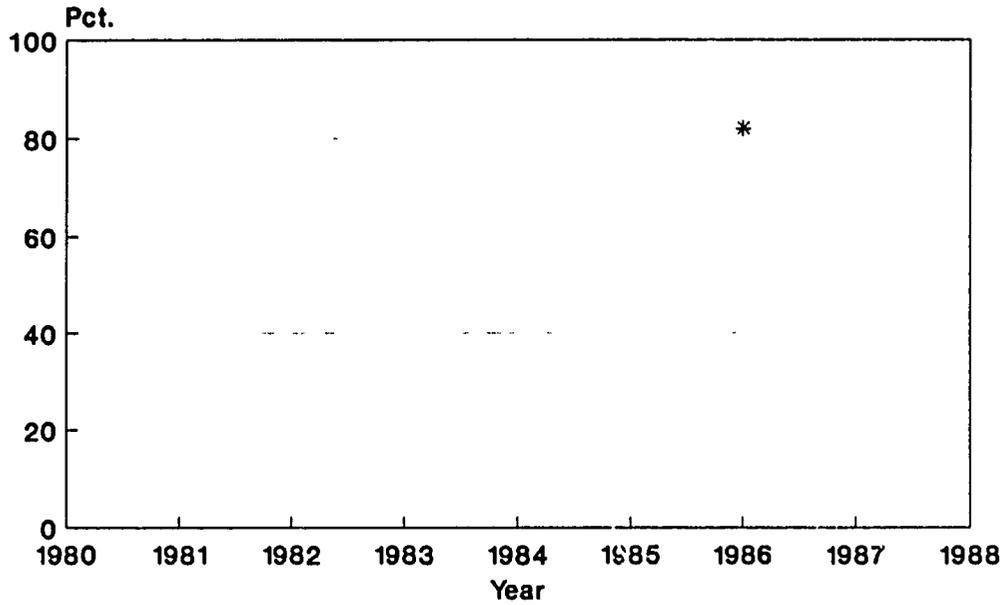


Source:

World Health Organization
Report EPI/MISC/89.2

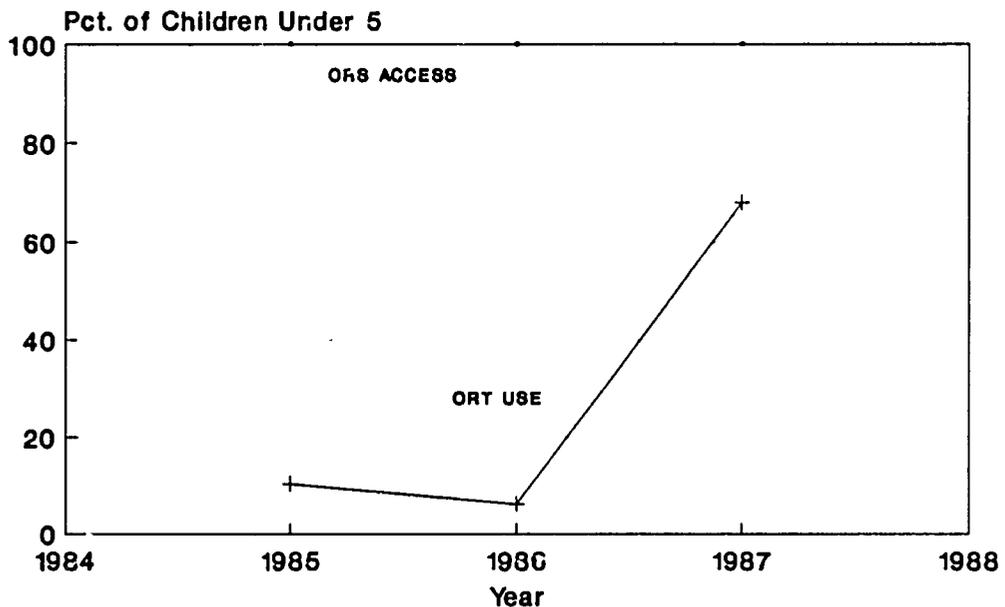
Center For International Health Information, ISTI, 10/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN LESOTHO



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

ORS ACCESS AND ORT USE RATES IN LESOTHO



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 6, 1989

LIBERIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	2,473,000	1989	A
Infant Mortality Rate	85/1000	1989	A
Life Expectancy At Birth	55 years	1989	A
Children Under Age 1	104,000	1989	A
Annual Infant Deaths	9,000	1989	A
Total Fertility Rate	6.5	1989	A

Child Survival Indicators

Immunization Coverage

BCG	62%	1988	B
Polio III	28%	1988	B
DPT III	28%	1988	B
Measles	55%	1988	B
Tetanus II	20%	1988	B

Oral Rehydration Therapy

ORS Access Rate	8.5%	1987	C
ORT Use Rate	9.0%	1987	C

Contraceptive Prevalence 6% 1986 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

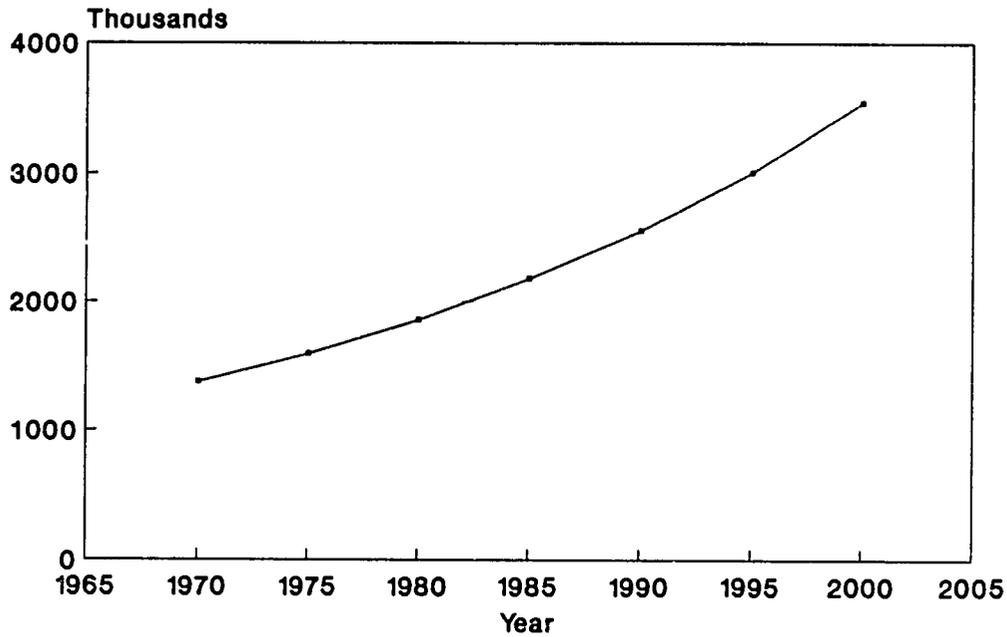
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D Demographic and Health Survey: 1986, Institute for Resource Development/Westinghouse

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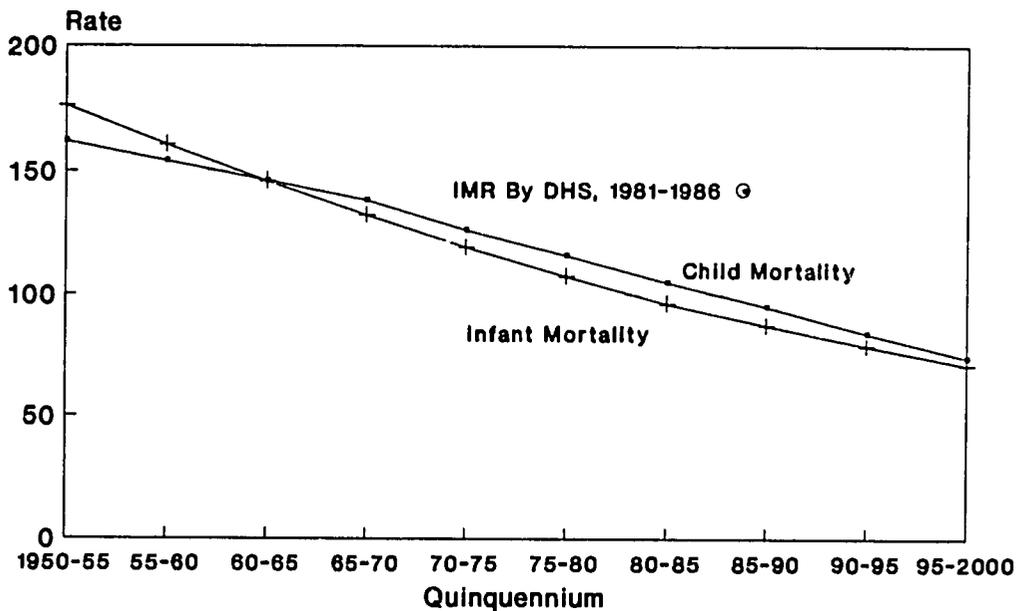
POPULATION ESTIMATES LIBERIA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

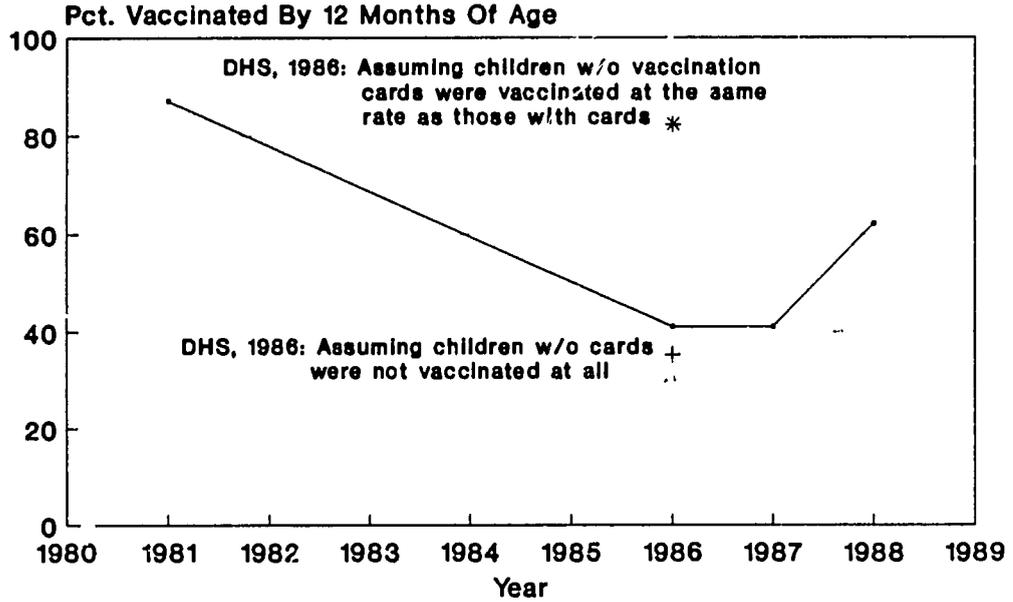
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN LIBERIA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

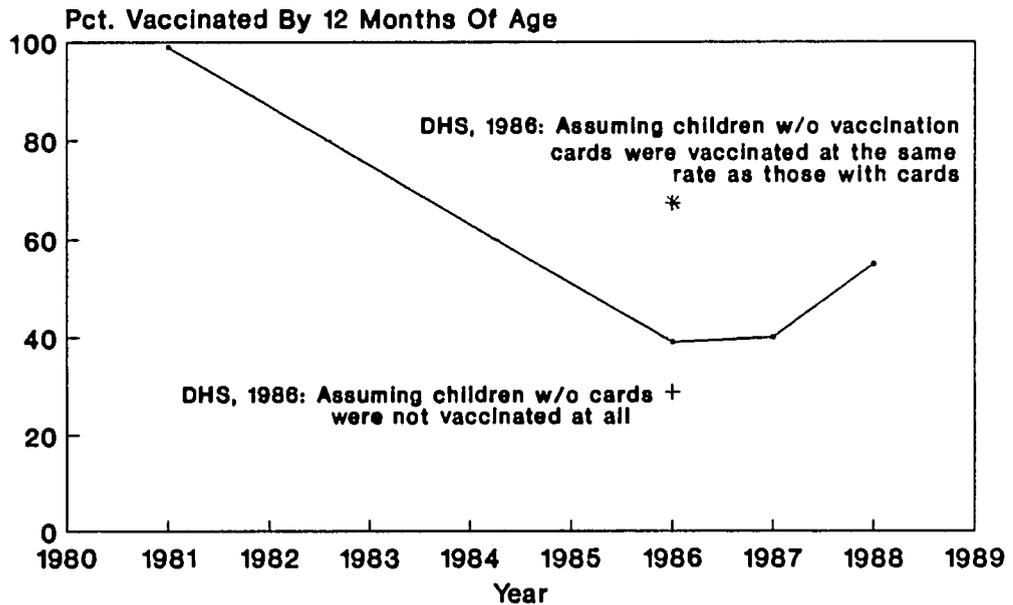
BCG VACCINATION COVERAGE RATES IN LIBERIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

MEASLES VACCINATION COVERAGE RATES IN LIBERIA

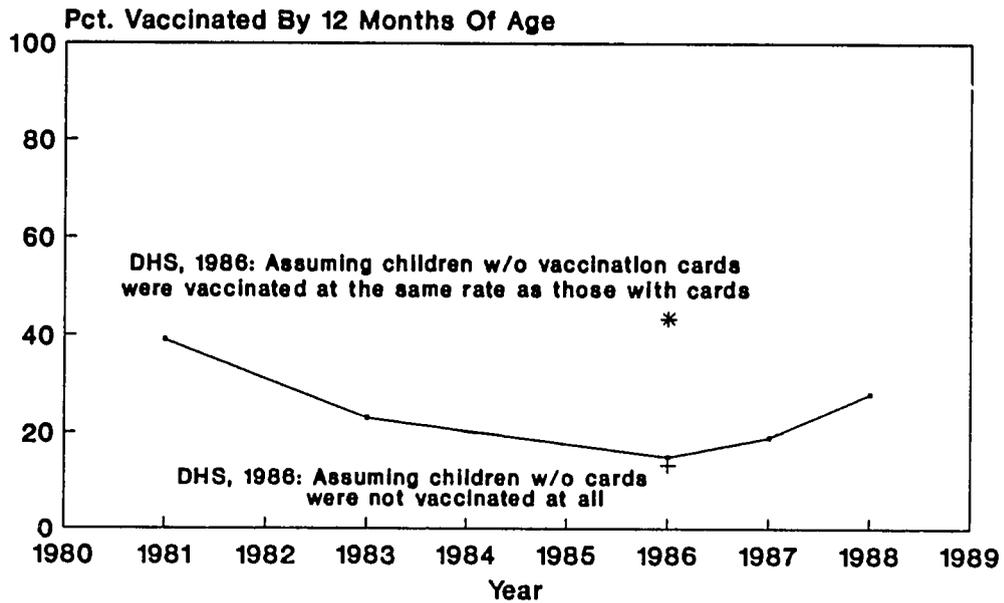


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

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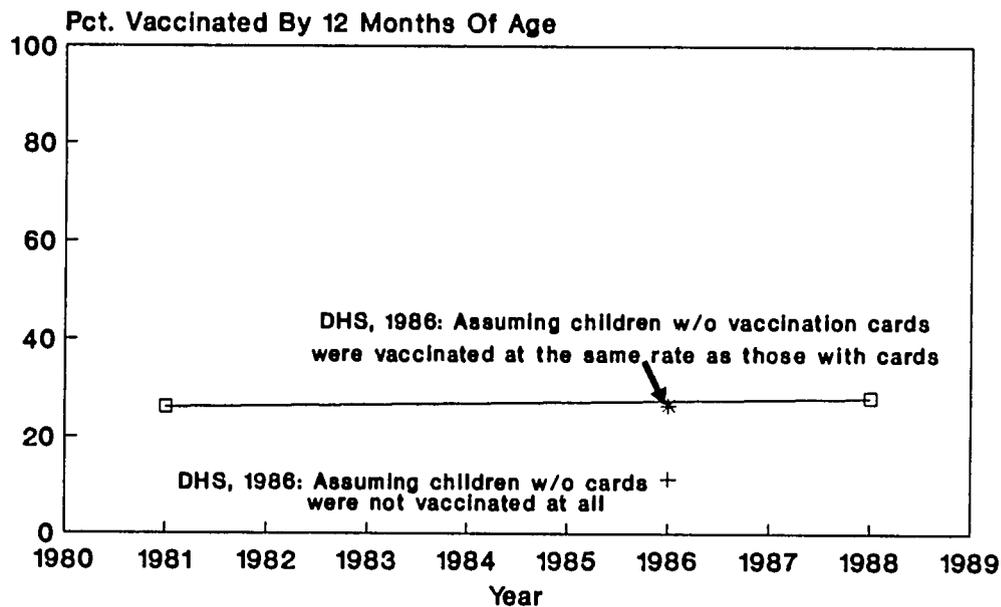
DPT III VACCINATION COVERAGE RATES IN LIBERIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO III VACCINATION COVERAGE RATES IN LIBERIA

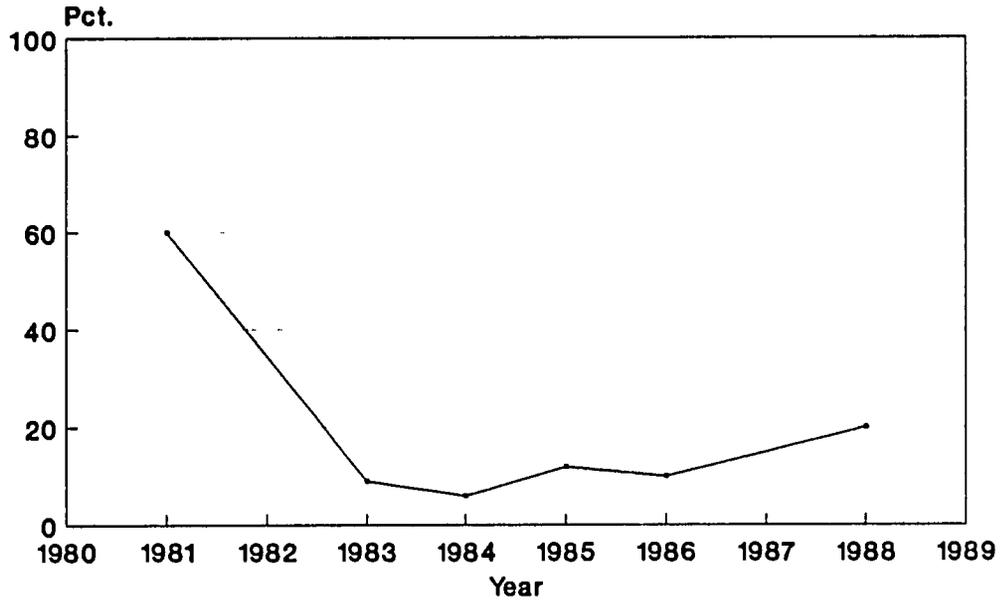


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

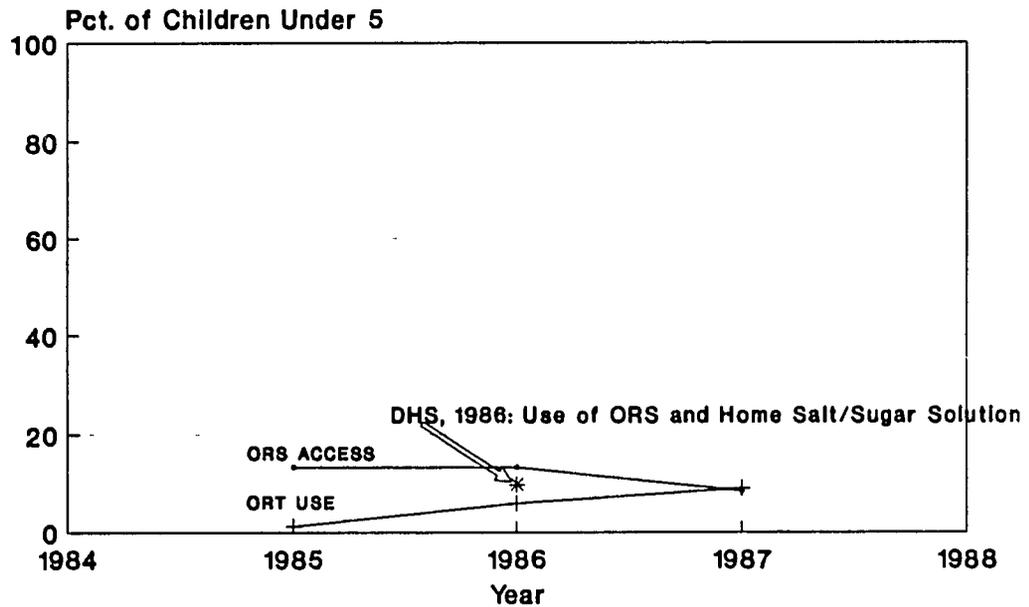
15

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN LIBERIA



Source:
 World Health Organization
 Report EPI/MISC/89.2
 Center For International Health Information, ISTI, 10/1/89

ORS ACCESS AND ORT USE RATES IN LIBERIA



SOURCE: World Health Organization,
 Annual Reports of the Program for
 Control of Diarrhoeal Diseases
 CIHI/ISTI, 6/1/89

October 6, 1989

MALAWI

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	8,151,000	1989	A
Infant Mortality Rate	147/1000	1989	A
Life Expectancy At Birth	48 years	1989	A
Children Under Age 1	384,000	1989	A
Annual Infant Deaths	63,000	1989	A
Total Fertility Rate	7.0	1989	A

Child Survival Indicators

Immunization Coverage

BCG	90%	1988	D
Polio III	80%	1988	D
DPT III	82%	1988	D
Measles	78%	1988	D
Tetanus II	45%	1987	B

Oral Rehydration Therapy

ORS Access Rate	43.3%	1987	C
ORT Use Rate	42.0%	1987	C

Contraceptive Prevalence 1% 1984 E

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

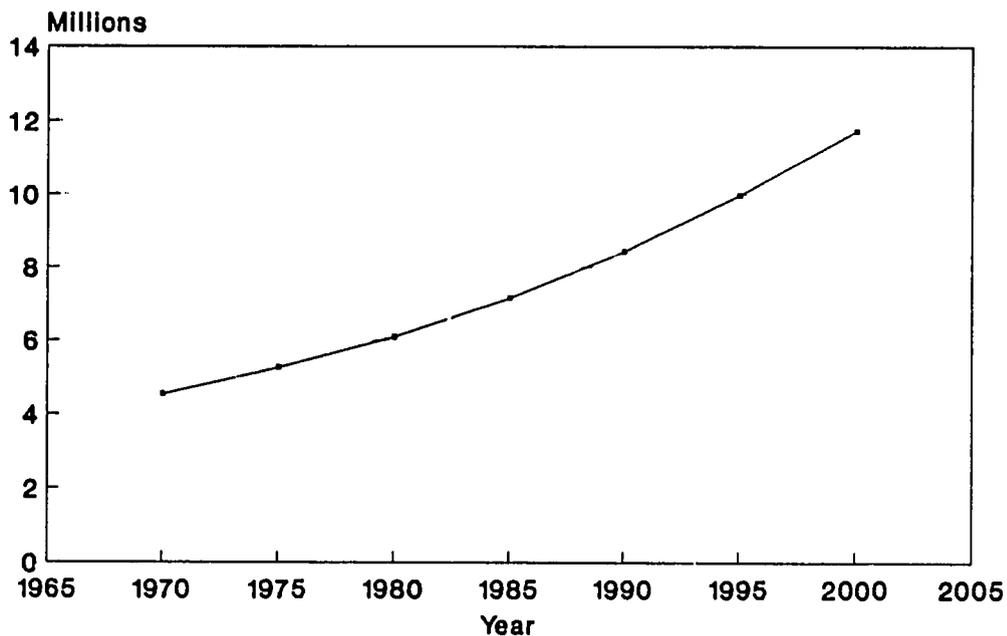
C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D "Evaluation Report of the Malawi EPI Programme, September, 20-30, 1988", as reported in A.I.D. Mission Cable/00015.

E Unpublished data from 1984 Family Formation Survey as cited in A.I.D. Mission Cable/00015.

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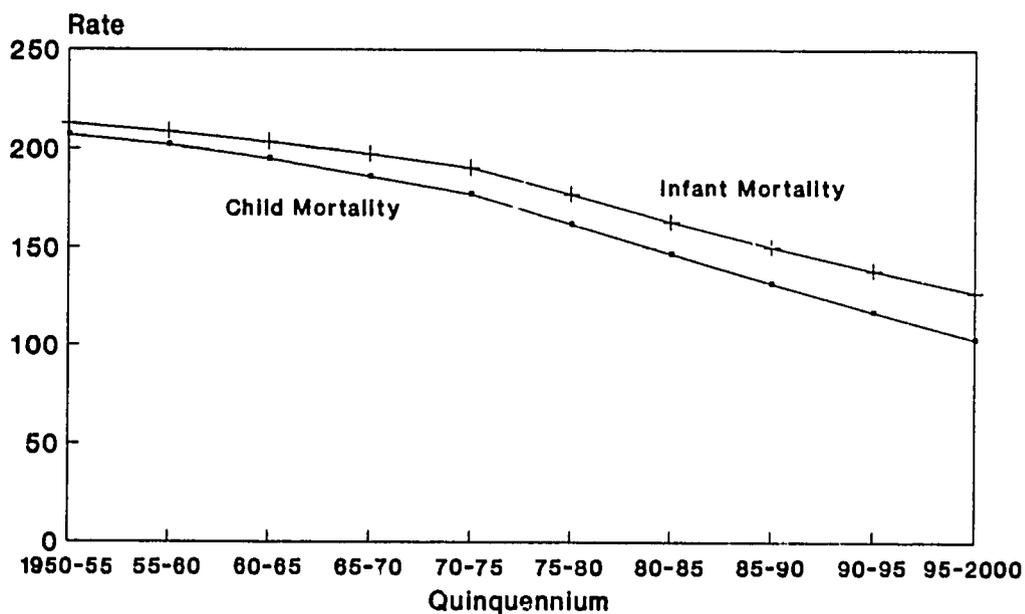
POPULATION ESTIMATES MALAWI



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN MALAWI

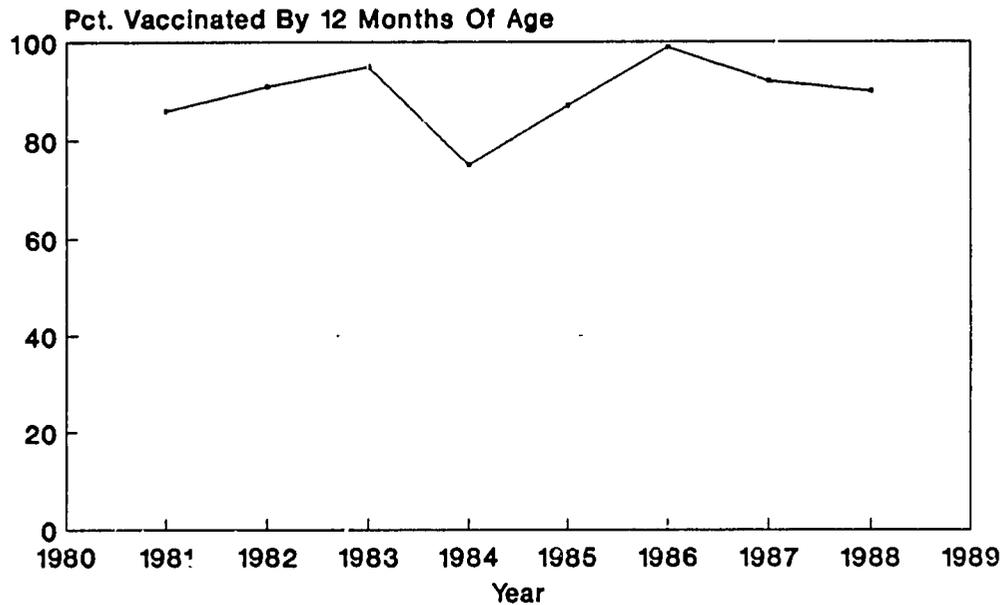


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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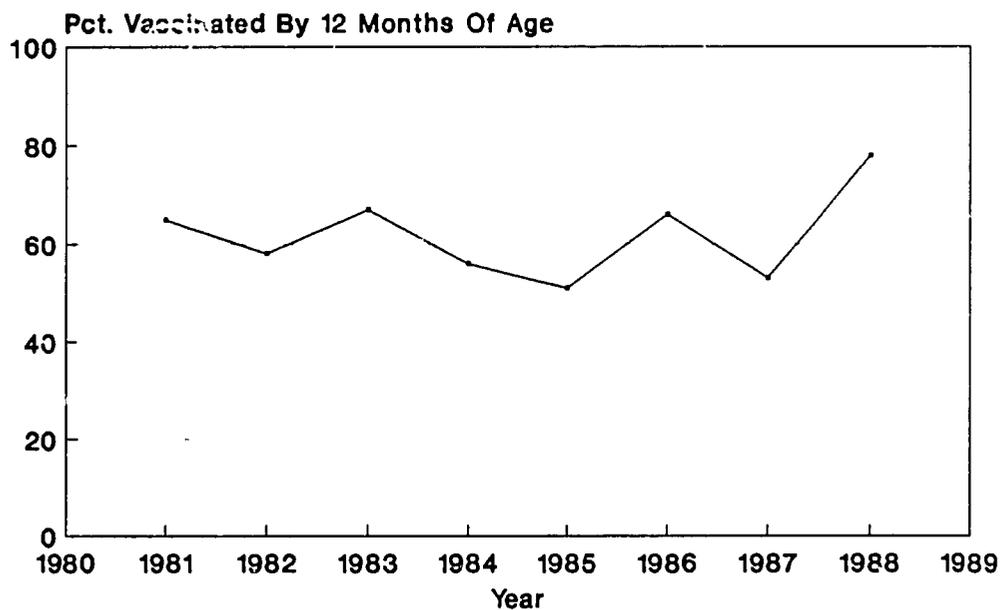
BCG VACCINATION COVERAGE RATES IN MALAWI



Source: World Health Organization
Report EPI/MISC/89.2
(1988 Figure, EPI Evaluation, 9/88)

CIHI, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN MALAWI

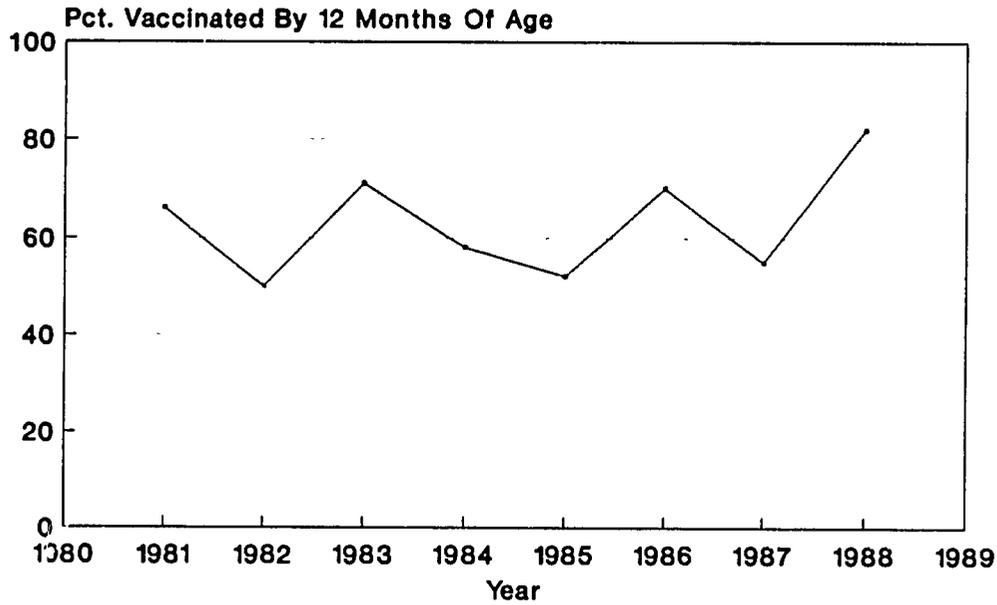


Source: World Health Organization
Report EPI/MISC/89.2
(1988 Figure, EPI Evaluation, 9/88)

CIHI, ISTI, 7/1/89

92

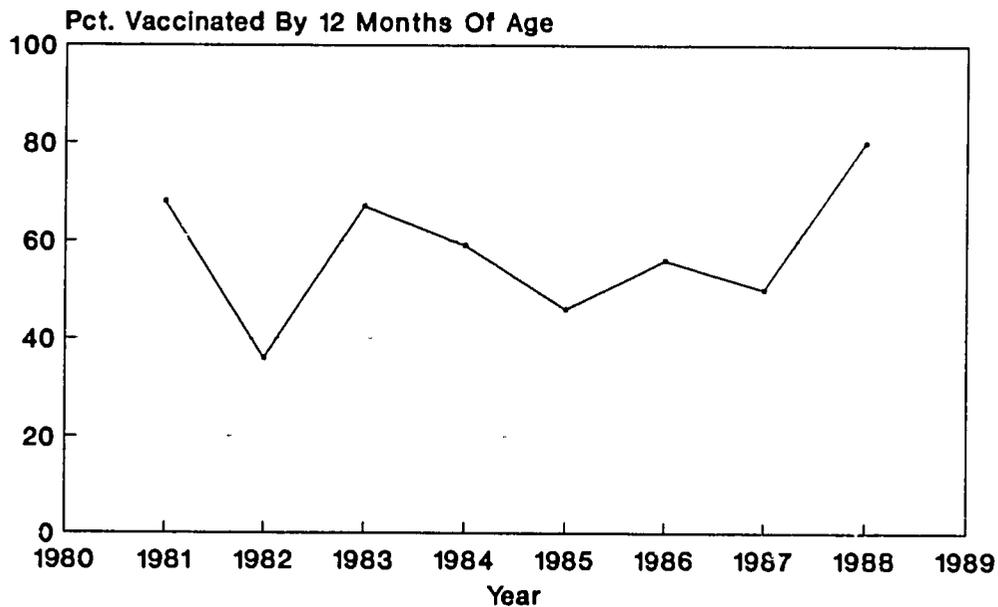
DPT III VACCINATION COVERAGE RATES IN MALAWI



Source: World Health Organization
Report EPI/MISC/89.2
(1988 Figure, EPI Evaluation, 9/88)

CIHI, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN MALAWI

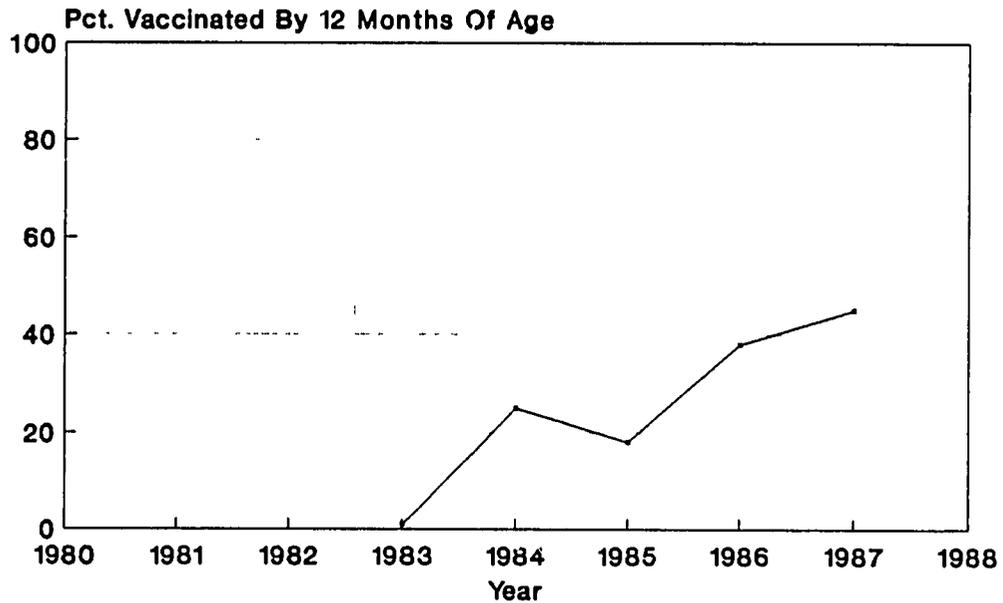


Source: World Health Organization
Report EPI/MISC '89.2
(1988 Figure, EPI Evaluation, 9/38)

CIHI, ISTI, 7/1/89



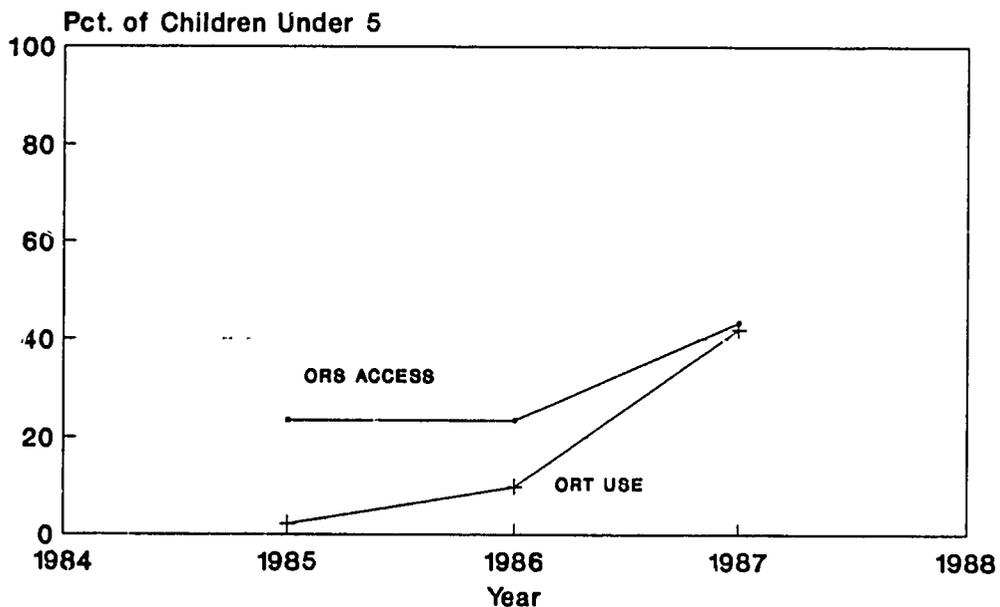
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN MALAWI



Source: World Health Organization
Report EPI/MISC/89.2
(1987 Figure from survey)

CIHI, ISTI, 10/1/89

ORS ACCESS AND ORT USE RATES IN MALAWI



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 6, 1989

MALI

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	9,088,000	1989	A
Infant Mortality Rate	166/1000	1989	A
Life Expectancy At Birth	45 years	1989	A
Children Under Age 1	400,000	1989	A
Annual Infant Deaths	75,000	1989	A
Total Fertility Rate	5.6	1987	D

Child Survival Indicators

Immunization Coverage

BCG	22%	1987	B
Polio III	6%	1987	B
DPT III	5%	1987	B
Measles	8%	1987	B
Tetanus II	8%	1987	B

Oral Rehydration Therapy

ORS Access Rate	56.5%	1988	C
ORT Use Rate	4.4%	1988	C

Contraceptive Prevalence 3% 1987 D

Adequate Nutritional Status 60% 1987 D

Appropriate Infant Feeding N/A

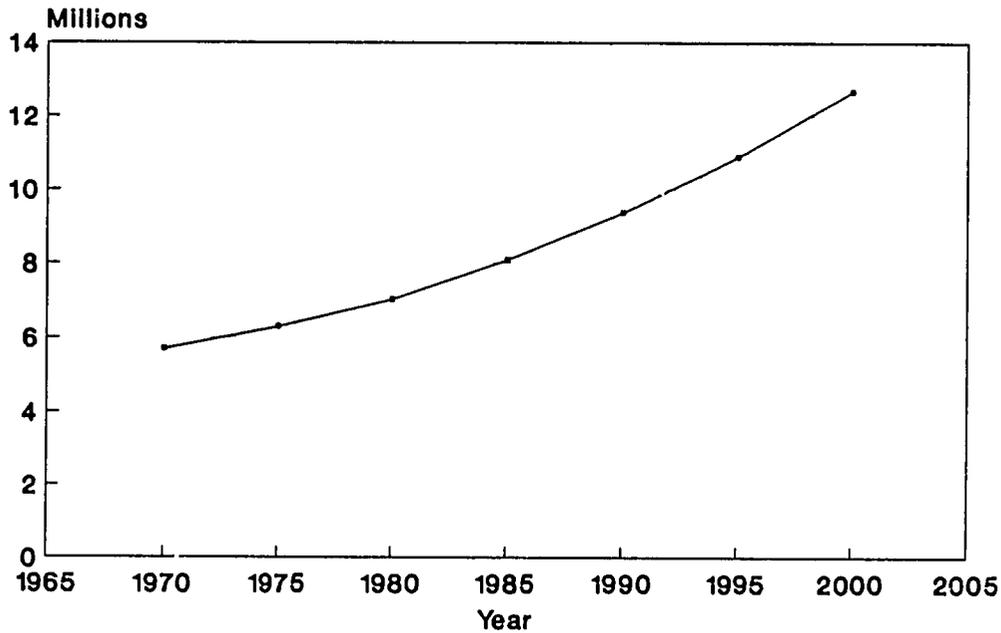
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C A.I.D. Mission Communication - Cable 00560.

D Enquete Demographique et de Sante au Mali: 1987, Institute for Resource Development/Westinghouse.

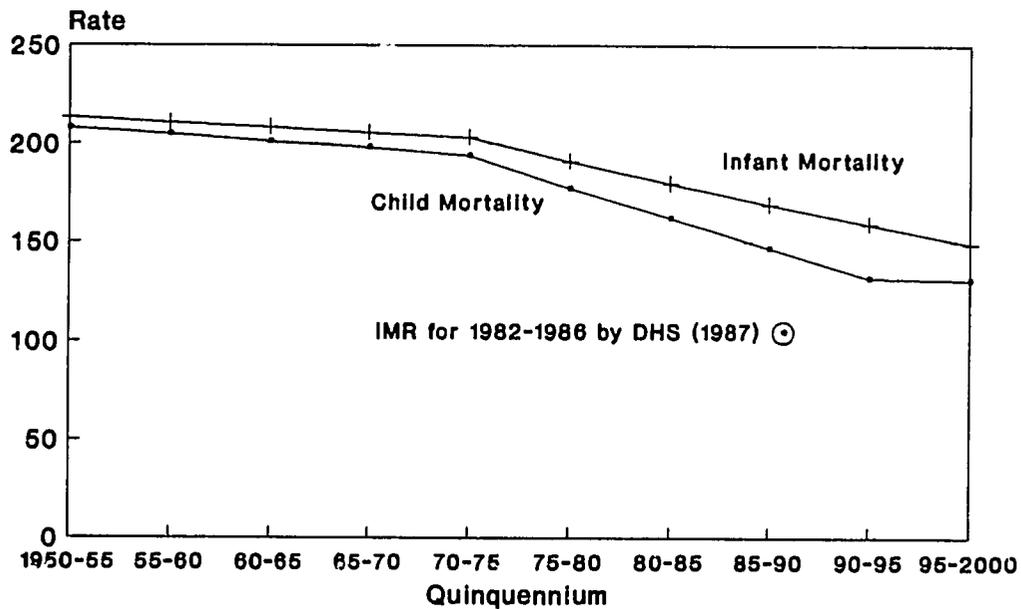
POPULATION ESTIMATES MALI



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN MALI

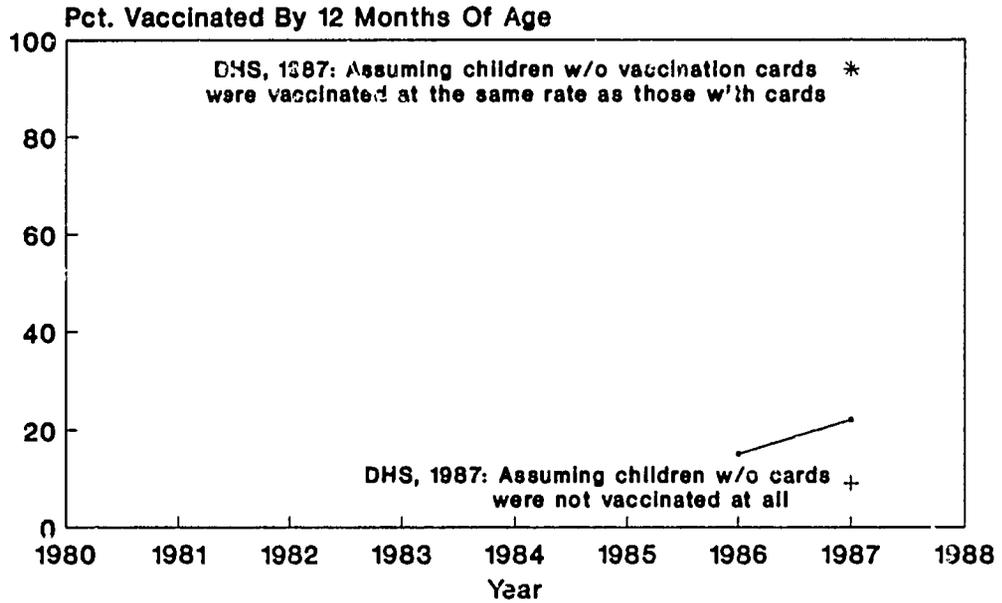


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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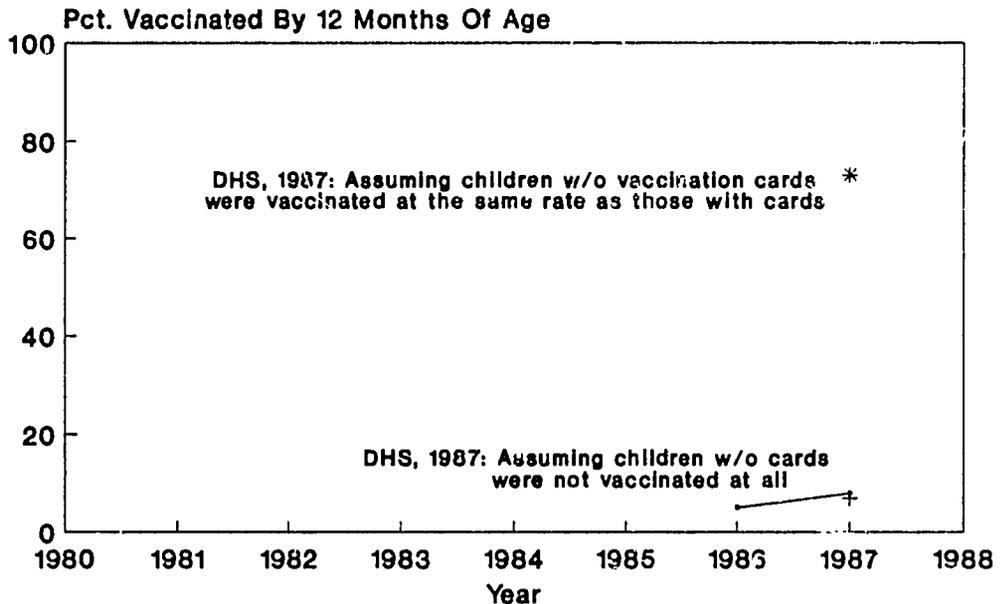
BCG VACCINATION COVERAGE RATES IN MALI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN MALI

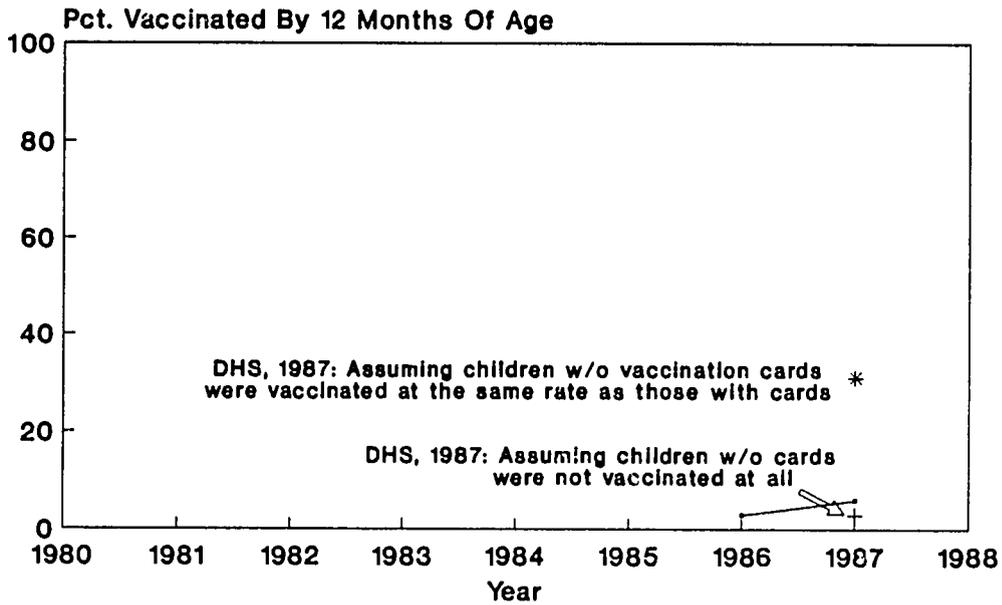


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

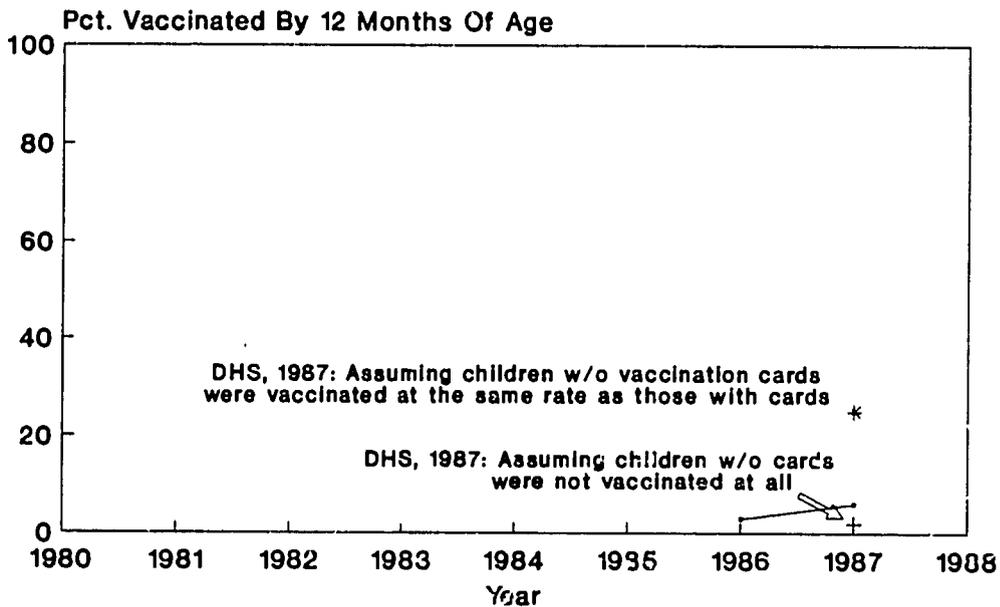
57

DPT III VACCINATION COVERAGE RATES IN MALI



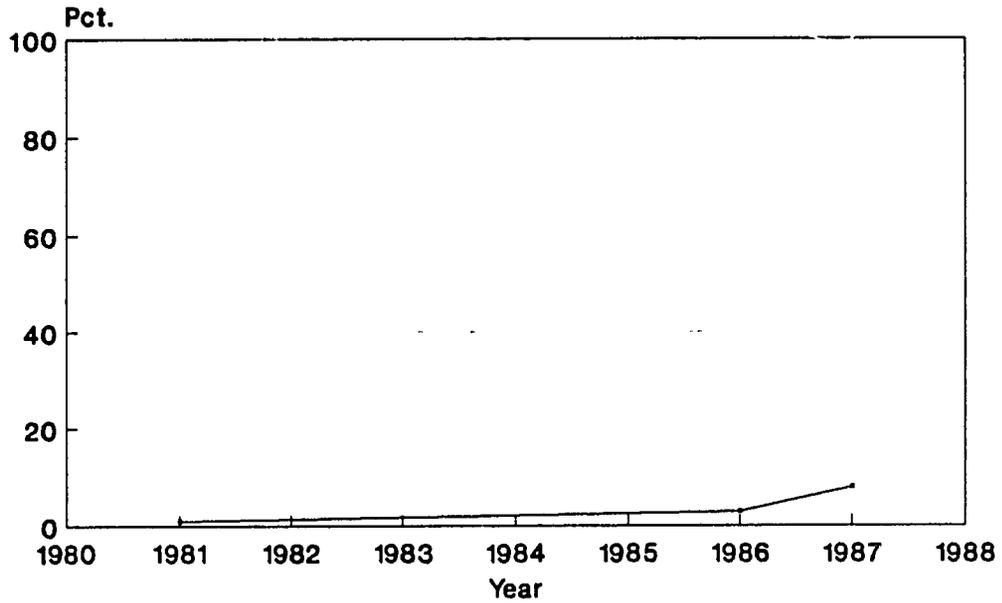
Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN MALI



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

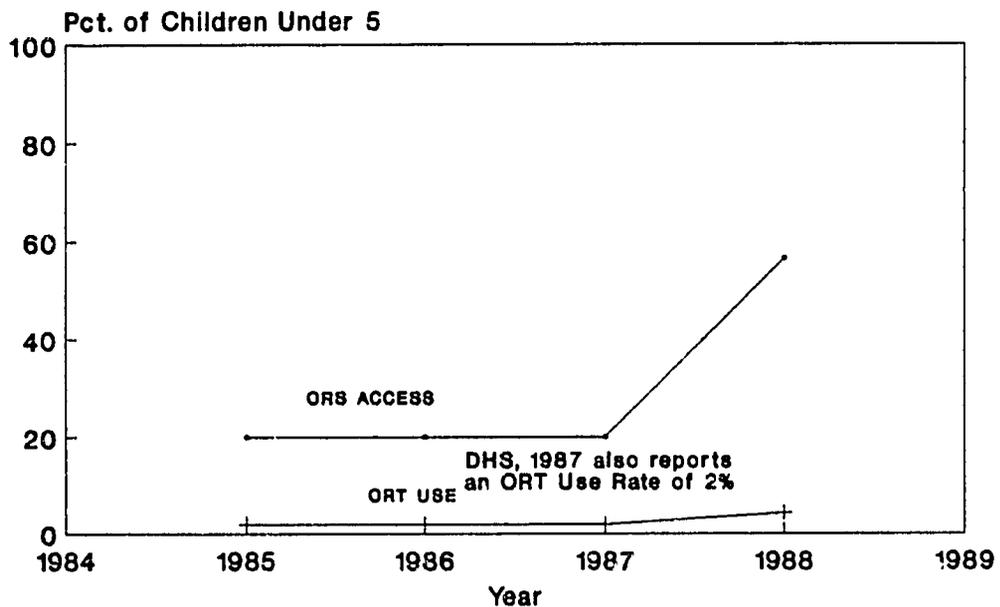
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN MALI



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN MALI



SOURCE: WHO, Annual Reports, Program
for Control of Diarrhoeal Diseases
(1986 Figures, A.I.D. Mission Cable/005)

CIHI/ISTI, 10/1/89

October 6, 1989

MAURITANIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	1,969,000	1989	A
Infant Mortality Rate	124/1000	1989	A
Life Expectancy At Birth	47 years	1989	A
Children Under Age 1	83,000	1989	A
Annual Infant Deaths	11,000	1989	A
Total Fertility Rate	6.5	1989	A

Child Survival Indicators

Immunization Coverage

BCG	91%	1986	B
Polio III	61%	1986	B
LPT III	32%	1986	B
Measles	69%	1986	B
Tetanus II	1%	1984	B

Oral Rehydration Therapy

ORS Access Rate	24.0%	1987	C
ORT Use Rate	1.5%	1986	C

Contraceptive Prevalence 1% 1981 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

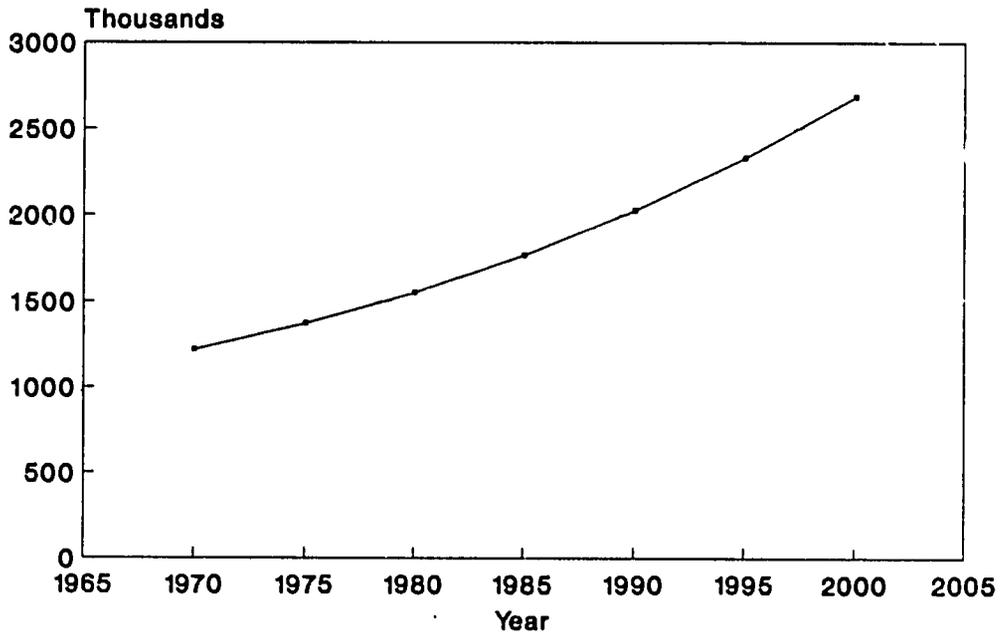
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

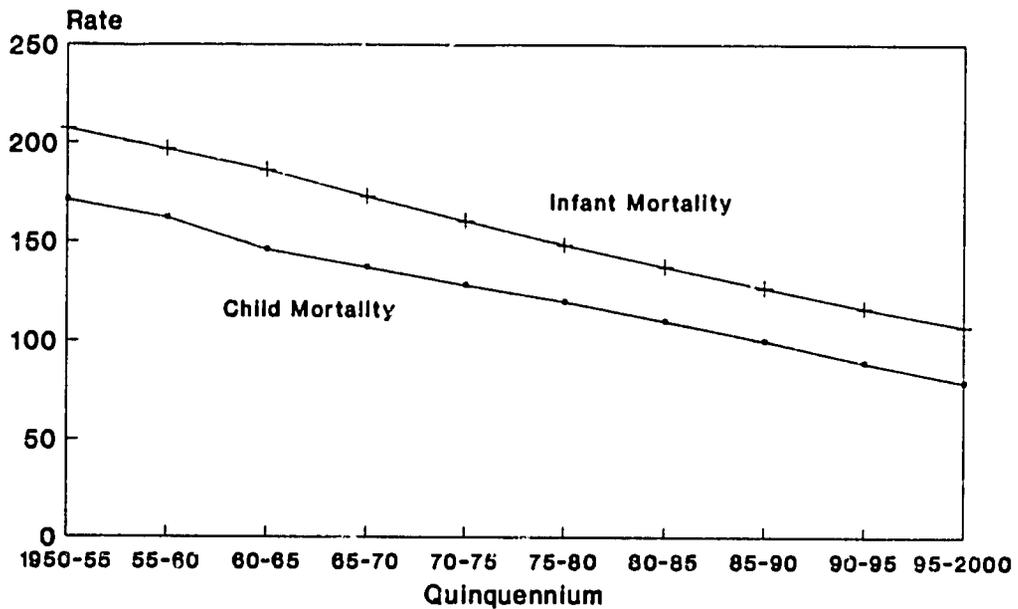
POPULATION ESTIMATES MAURITANIA



Source: United Nations,
World Population Prospects 1988

CIHI, ISTI, 7/1/89

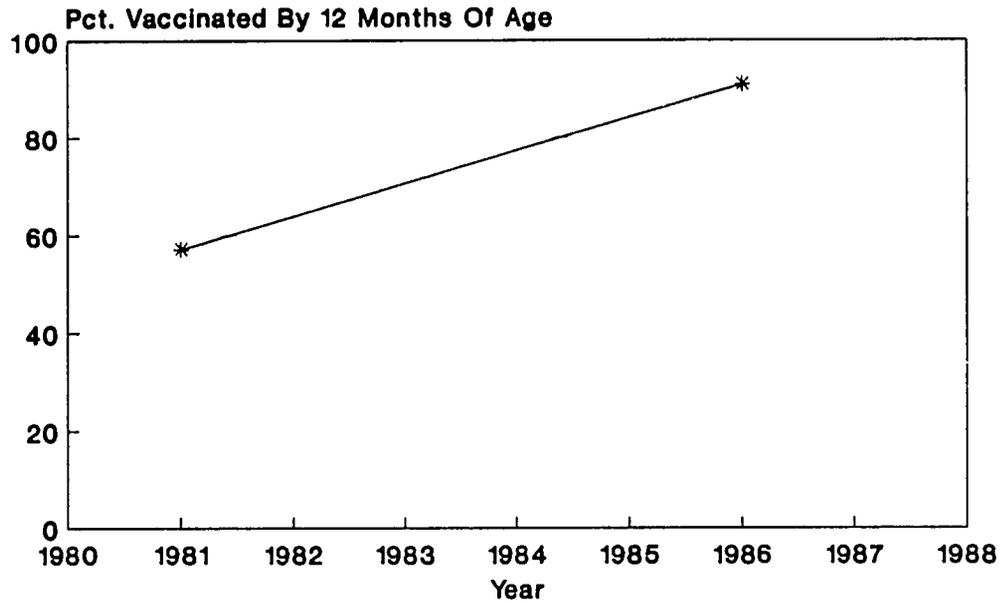
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN MAURITANIA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

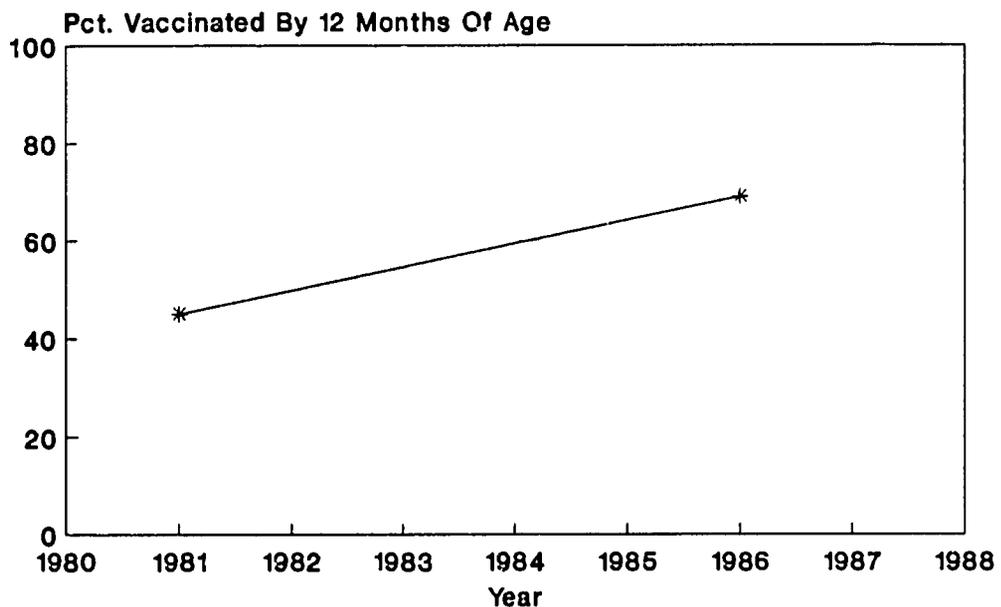
BCG VACCINATION COVERAGE RATES IN MAURITANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

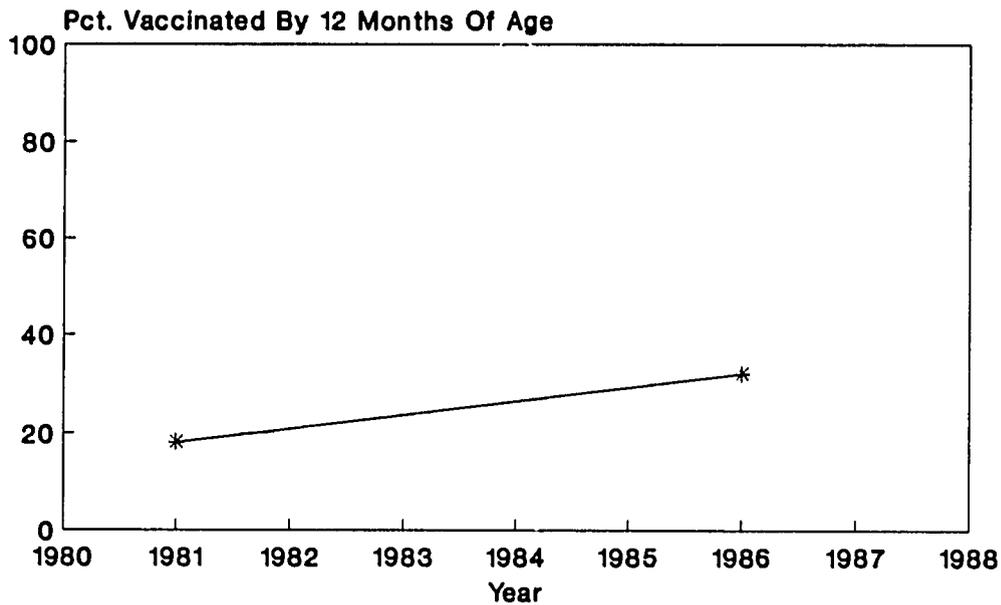
MEASLES VACCINATION COVERAGE RATES IN MAURITANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

DPT III VACCINATION COVERAGE RATES IN MAURITANIA

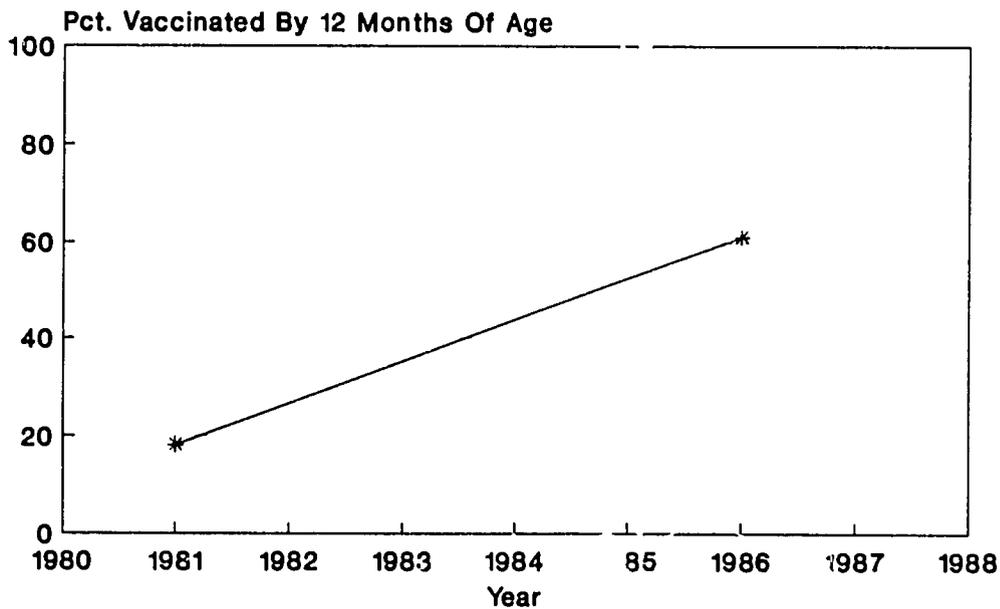


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO III VACCINATION COVERAGE RATES IN MAURITANIA



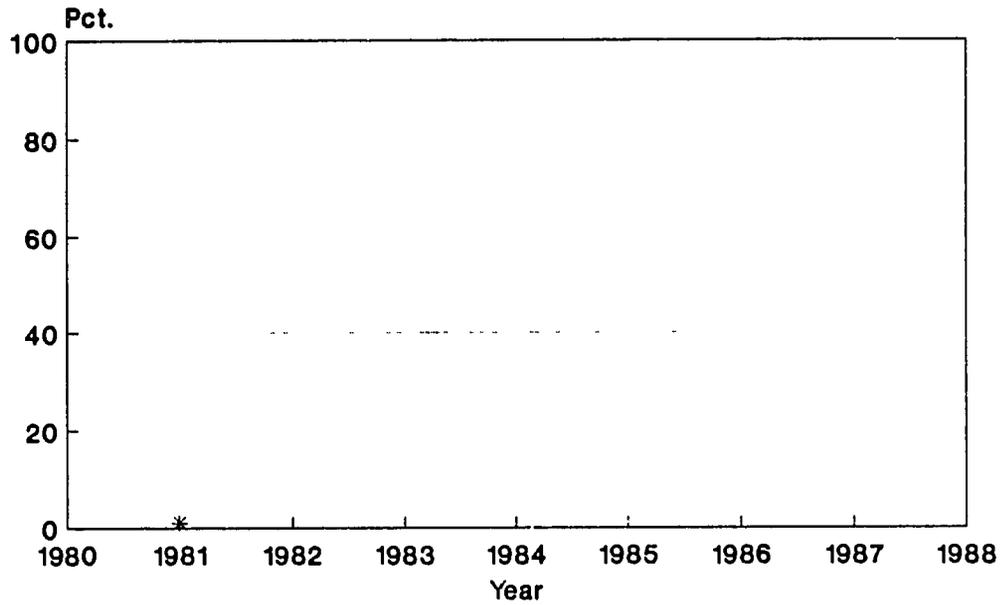
Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

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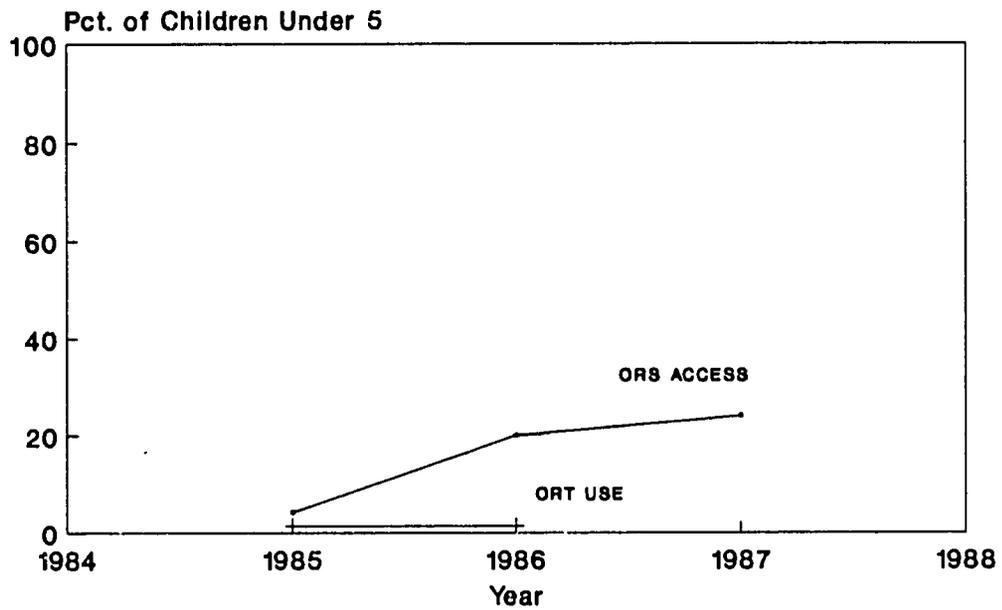
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN MAURITANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN MAURITANIA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 10/1/89

October 6, 1989

MOZAMBIQUE

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	15,248,000	1989	A
Infant Mortality Rate	138/1000	1989	A
Life Expectancy At Birth	47 years	1989	A
Children Under Age 1	615,000	1989	A
Annual Infant Deaths	94,000	1989	A
Total Fertility Rate	6.3	1989	A
<u>Child Survival Indicators</u>			
Immunization Coverage			
BCG	47%	1985	B
Polio III	25%	1985	B
DPT III	29%	1985	B
Measles	39%	1985	B
Tetanus II	40%	1985	B
Oral Rehydration Therapy			
ORS Access Rate	40.0%	1985	C
ORT Use Rate	13.5%	1986	C
Contraceptive Prevalence	N/A		
Adequate Nutritional Status	N/A		
Appropriate Infant Feeding	N/A		

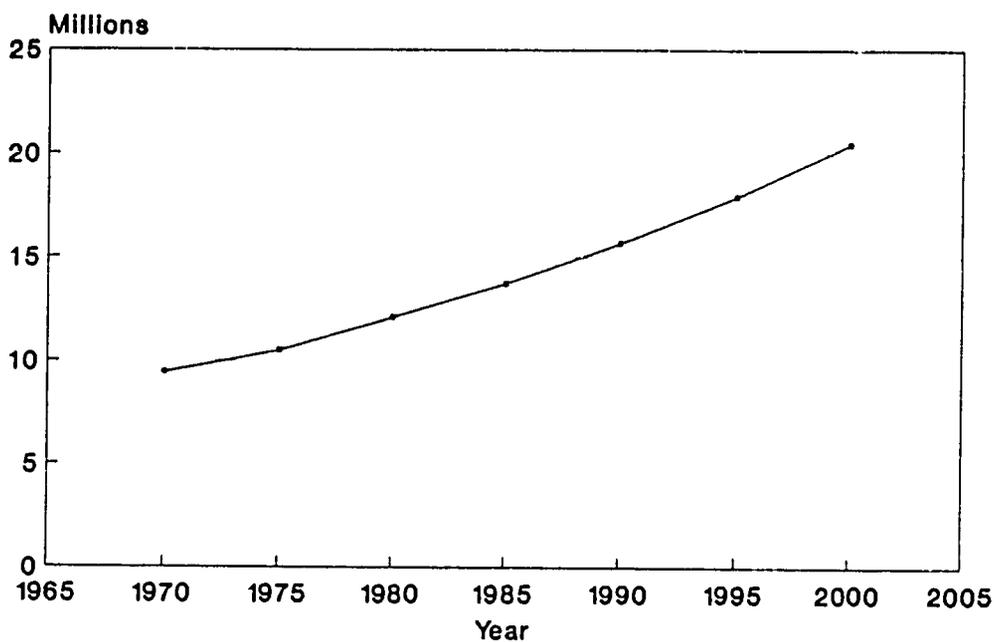
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

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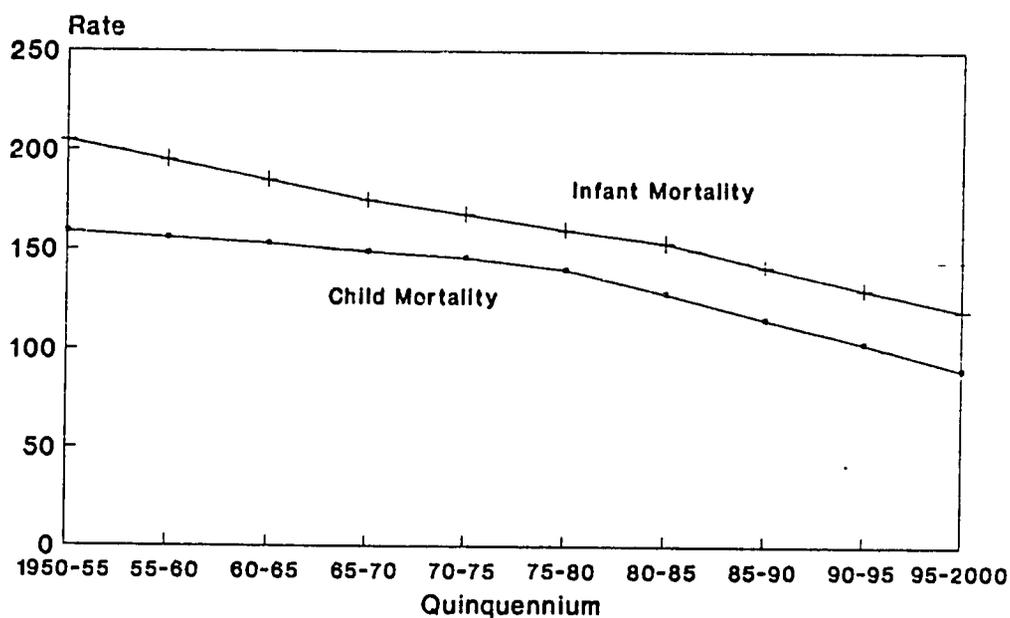
POPULATION ESTIMATES MOZAMBIQUE



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN MOZAMBIQUE

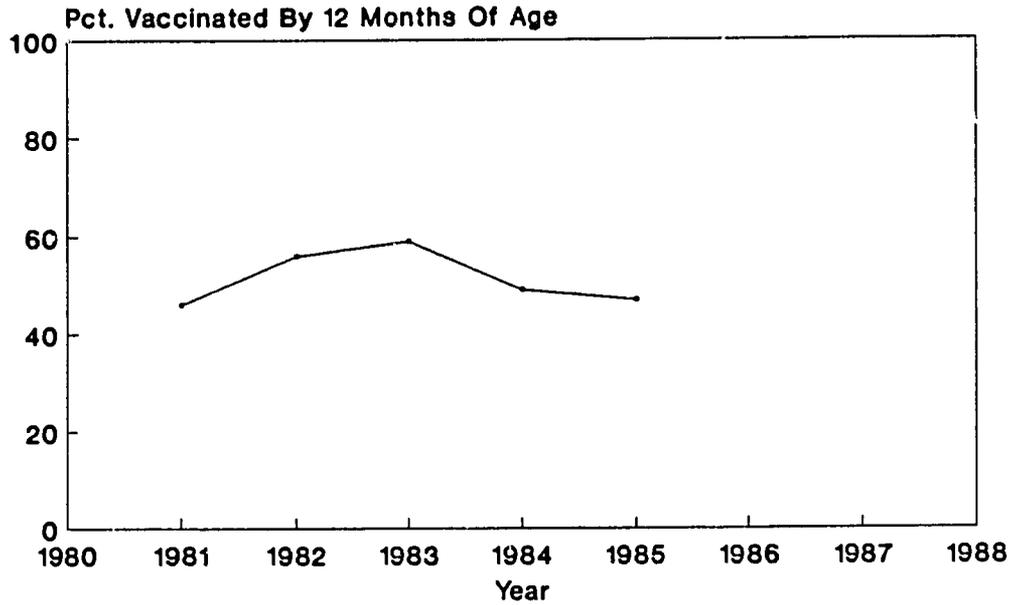


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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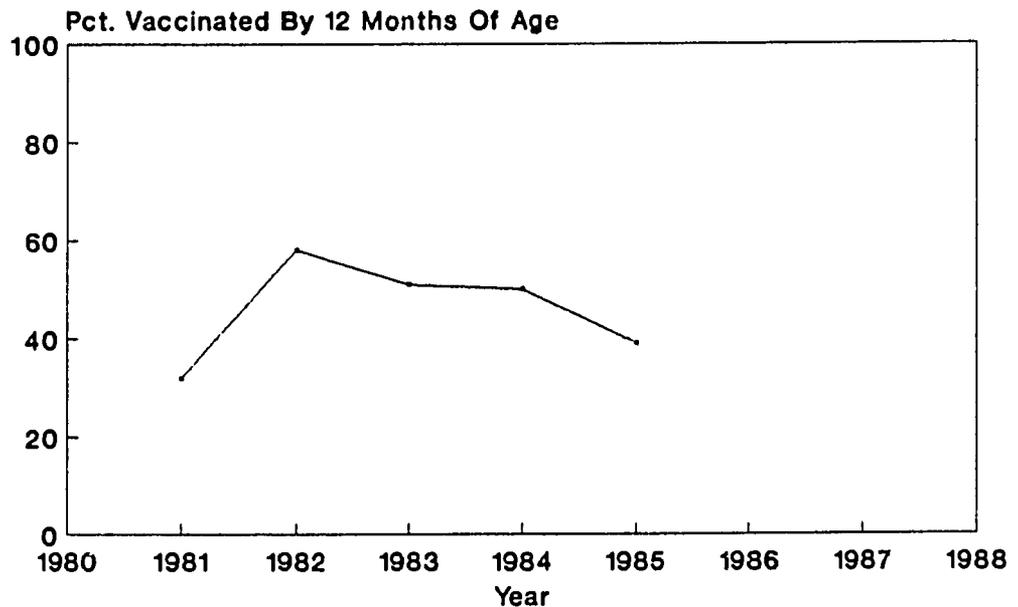
BCG VACCINATION COVERAGE RATES IN MOZAMBIQUE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN MOZAMBIQUE

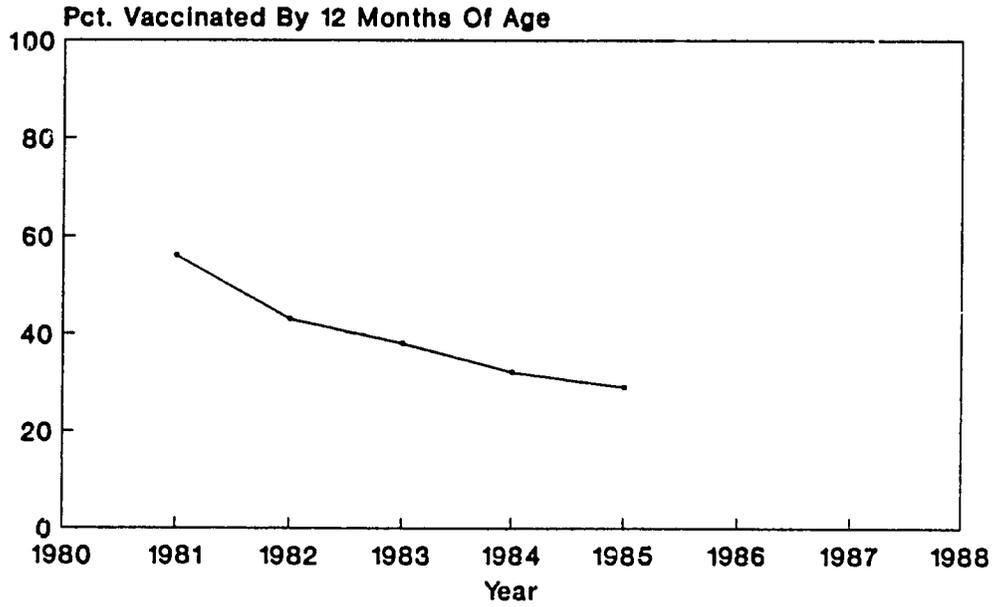


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

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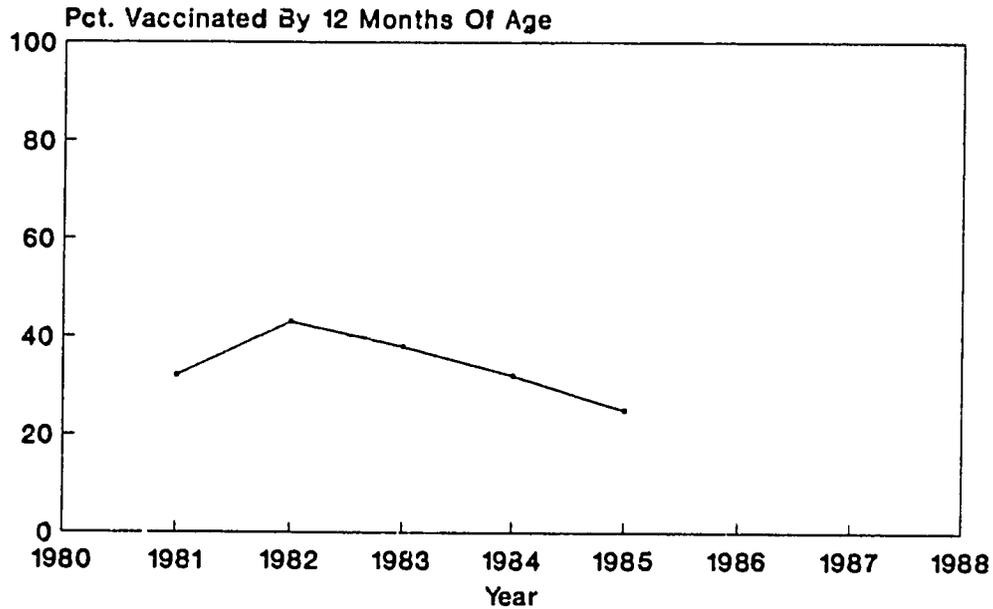
DPT III VACCINATION COVERAGE RATES IN MOZAMBIQUE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN MOZAMBIQUE

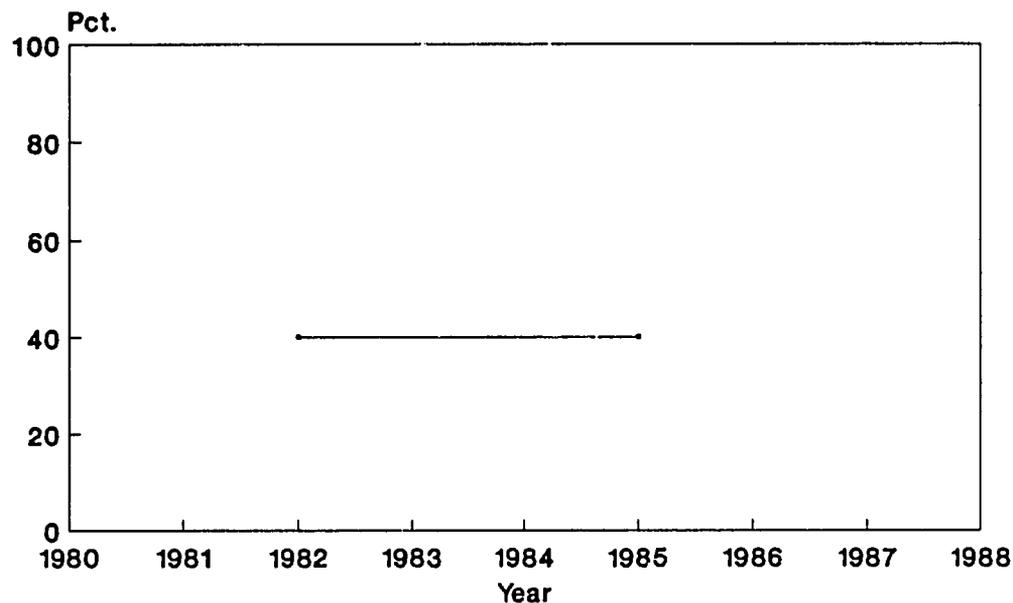


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

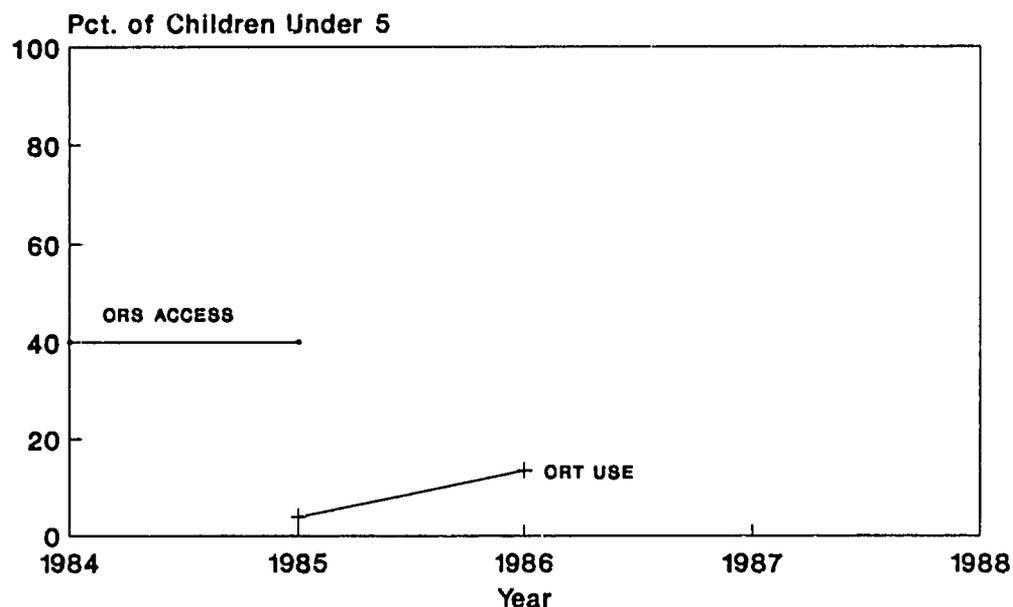
CS

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN MOZAMBIQUE



Source: World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN MOZAMBIQUE



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 10/1/89

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October 6, 1989

NIGER

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	6,894,000	1989	A
Infant Mortality Rate	132/1000	1989	A
Life Expectancy At Birth	45 years	1989	A
Children Under Age 1	317,000	1989	A
Annual Infant Deaths	46,000	1989	A
Total Fertility Rate	7.1	1989	A

Child Survival Indicators

Immunization Coverage

BCG	28%	1981	B
Polio III	6%	1981	B
DPT III	5%	1986	B
Measles	19%	1981	B
Tetanus II	3%	1986	B

Oral Rehydration Therapy

ORS Access Rate	8.9%	1987	C
ORT Use Rate	24.1%	1987	C

Contraceptive Prevalence 1% 1987 D

Adequate Nutritional Status 87% 1987 E

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

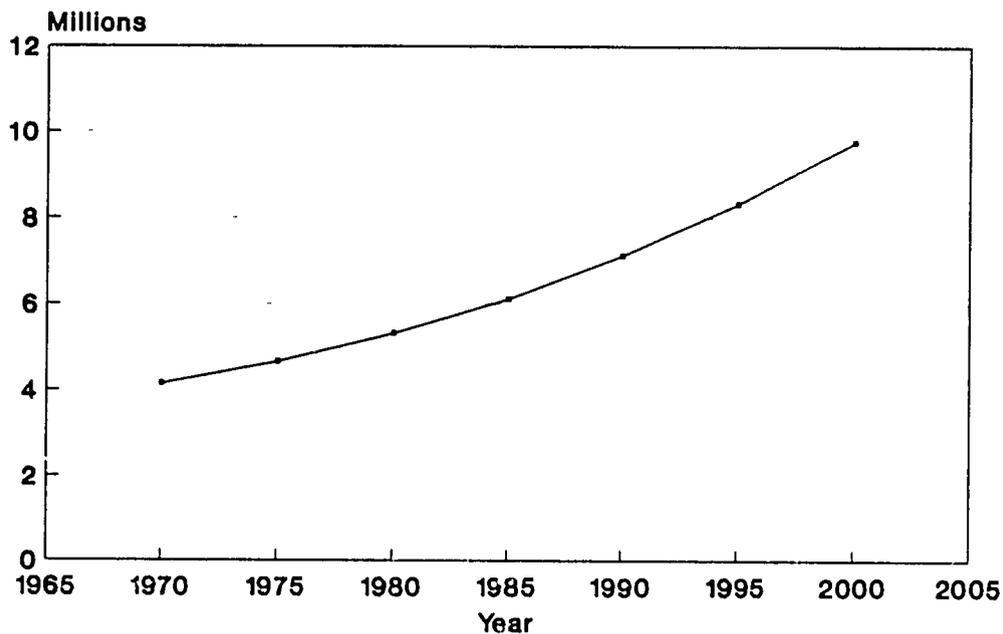
C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D "Columbia University KAP: 1987" as cited in A.I.D. Mission Cable/00029.

E Rate cited in A.I.D. Mission Cable/00029.

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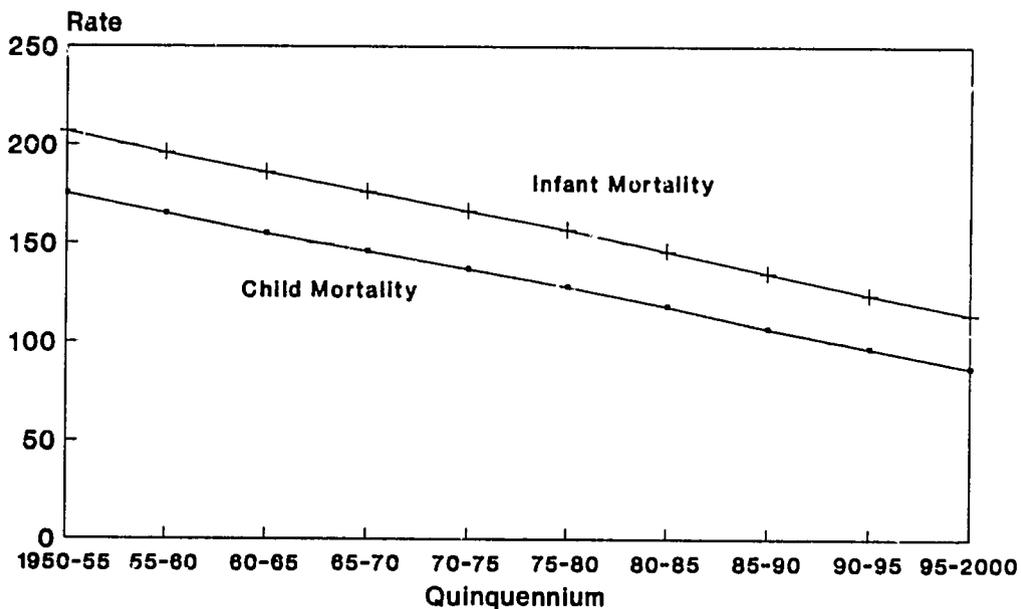
POPULATION ESTIMATES NIGER



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN NIGER

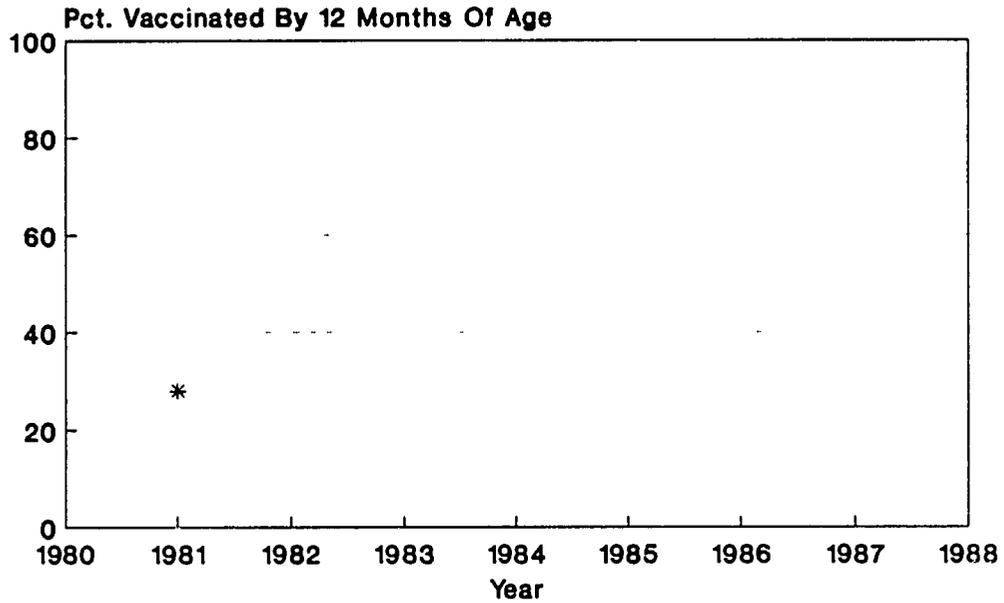


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

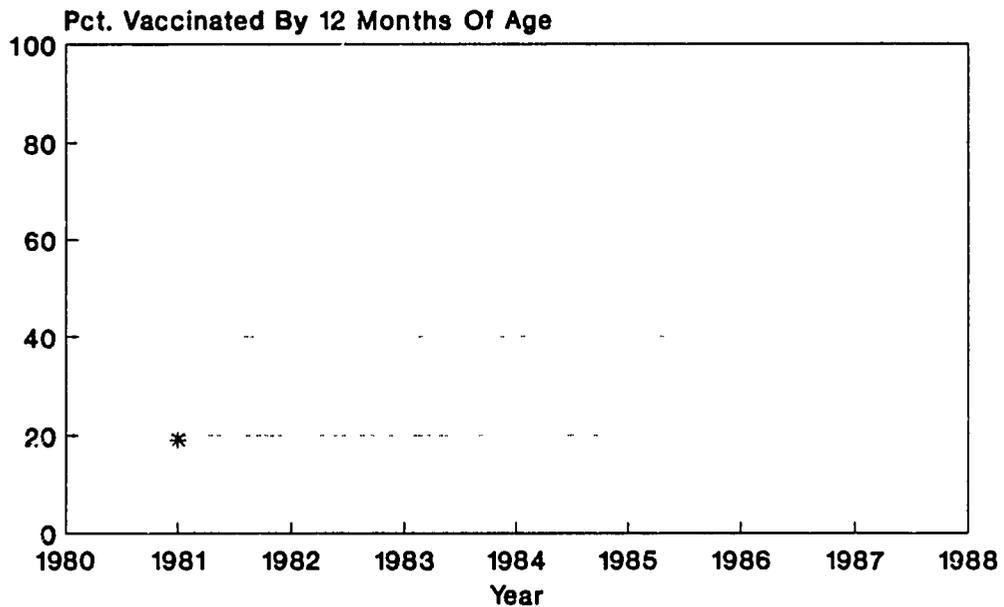
101

BCG VACCINATION COVERAGE RATES IN NIGER



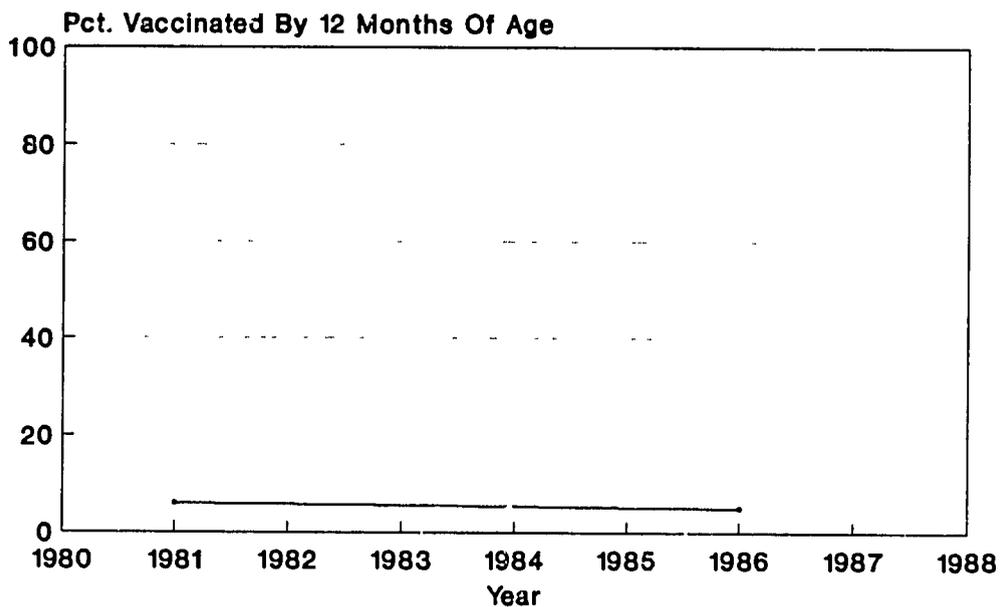
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN NIGER



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

DPT III VACCINATION COVERAGE RATES IN NIGER

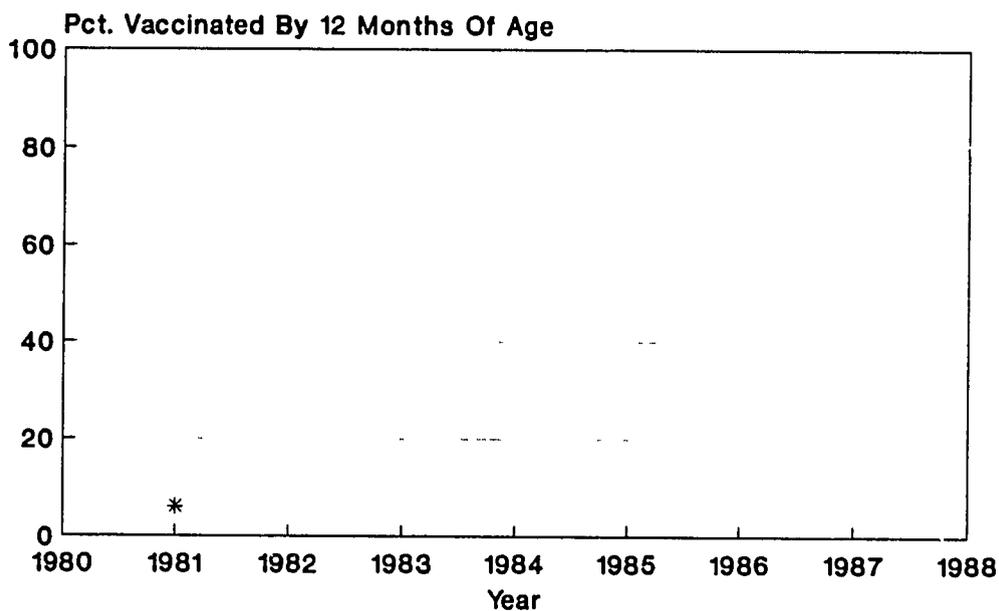


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN NIGER

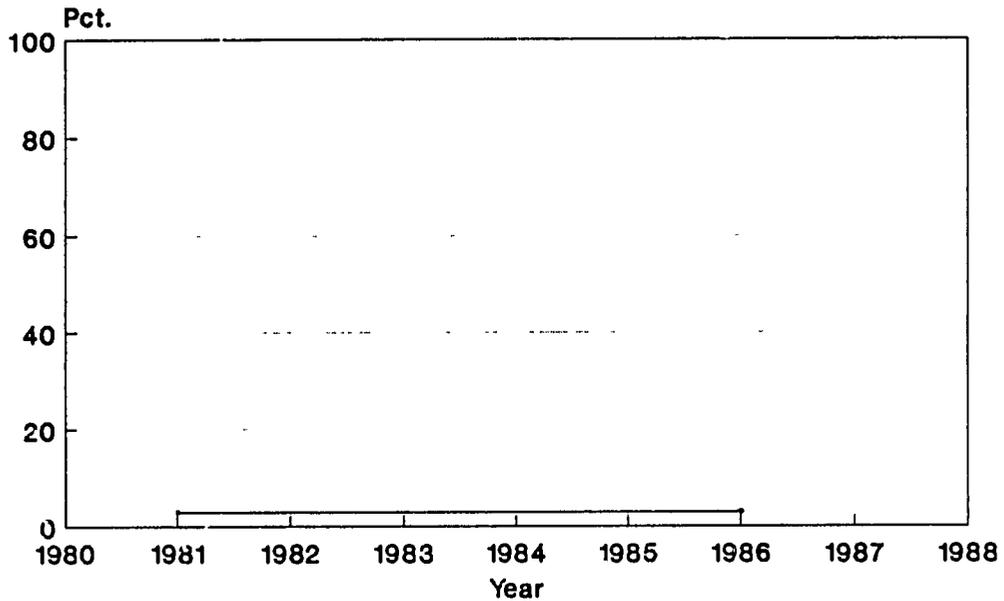


Source:

World Health Organization
Report EPI/MISC/89.2

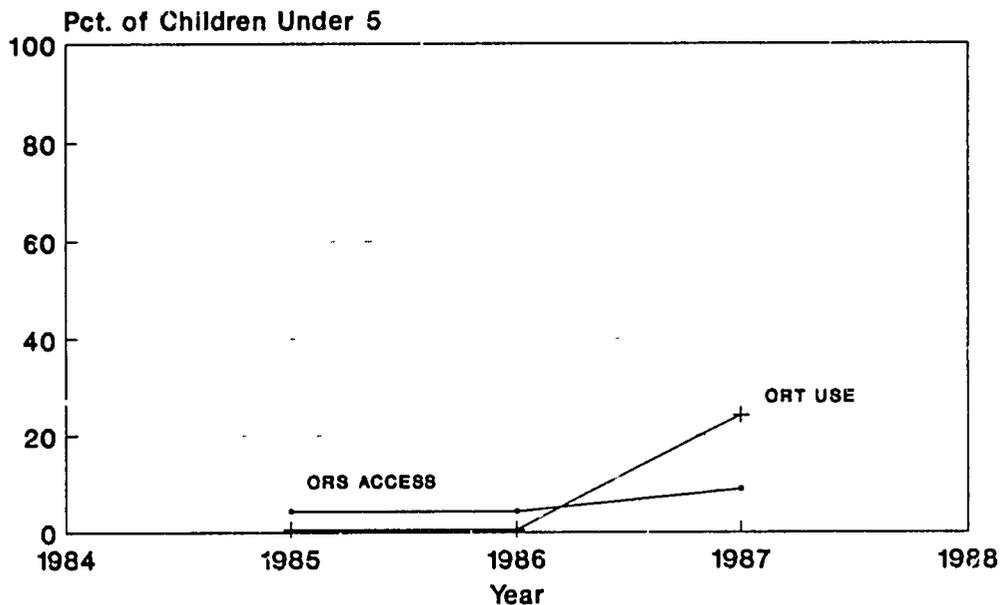
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN NIGER



Source: World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN NIGER



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases CIHI/ISTI, 6/1/89

October 6, 1989

NIGERIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	109,175,000	1989	A
Infant Mortality Rate	102/1000	1989	A
Life Expectancy At Birth	51 years	1989	A
Children Under Age 1	5,014,000	1989	A
Annual Infant Deaths	553,000	1989	A
Total Fertility Rate	6.9	1989	A

Child Survival Indicators

Immunization Coverage

BCG	37%	1987	B
Polio III	21%	1987	B
DPT III	21%	1987	B
Measles	24%	1987	B
Tetanus II	17%	1987	B

Oral Rehydration Therapy

ORS Access Rate	25%	1986	C
ORT Use Rate	20%	1987	C

Contraceptive Prevalence 5% 1982 D

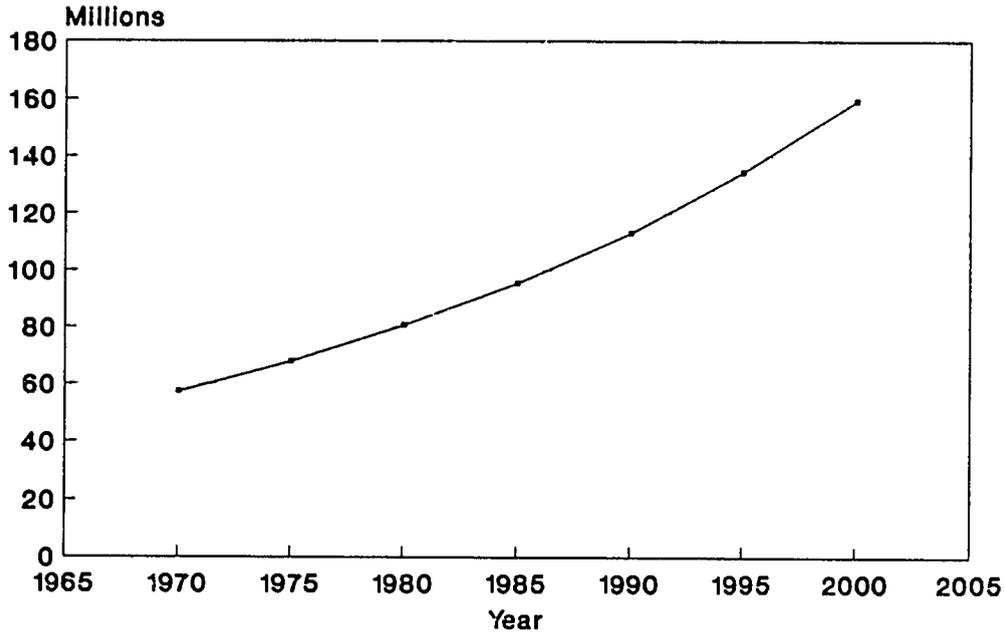
Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

-
- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

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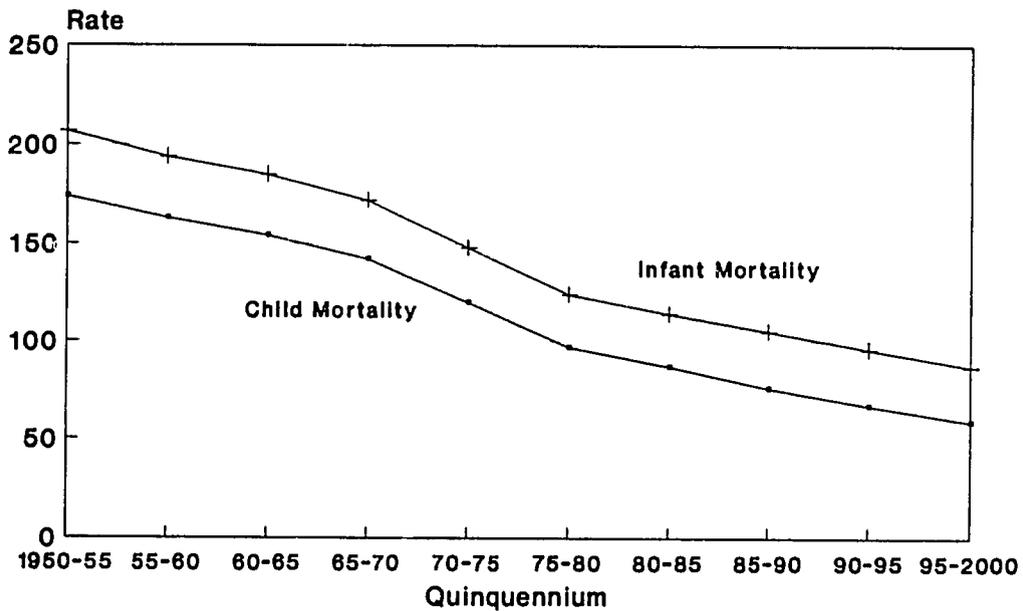
POPULATION ESTIMATES NIGERIA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN NIGERIA

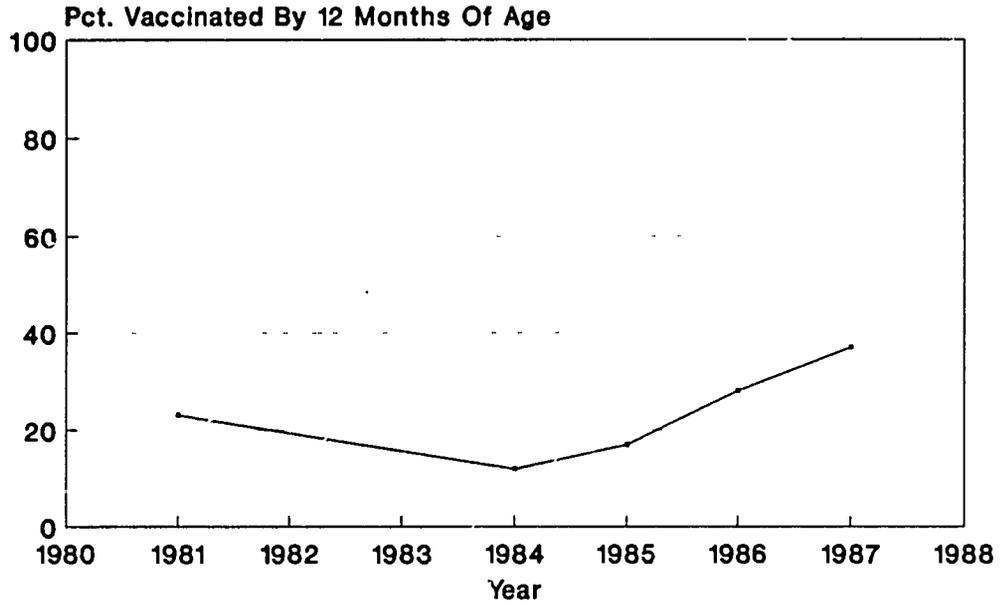


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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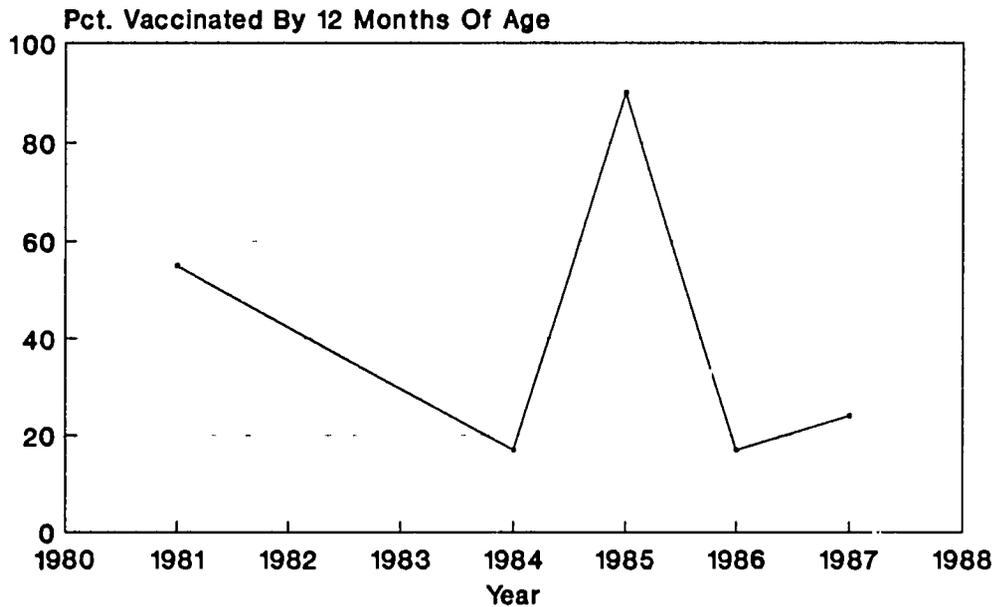
BCG VACCINATION COVERAGE RATES IN NIGERIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

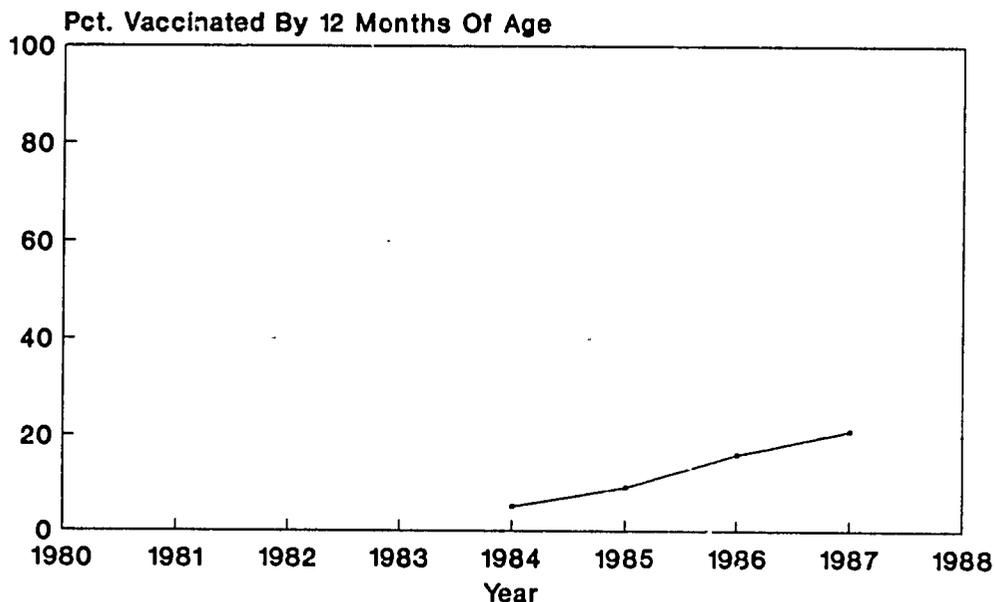
MEASLES VACCINATION COVERAGE RATES IN NIGERIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

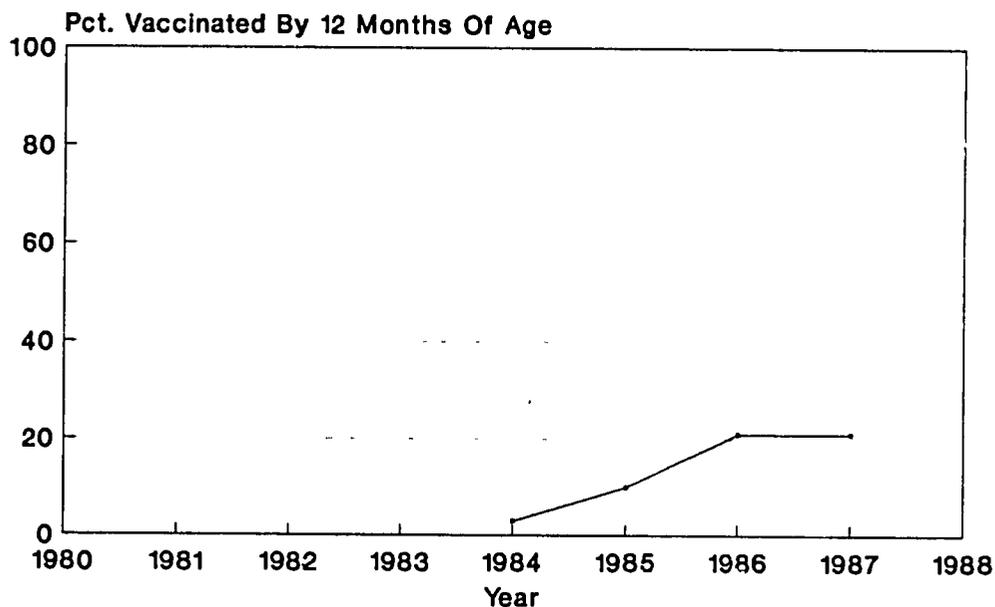
DPT III VACCINATION COVERAGE RATES IN NIGERIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

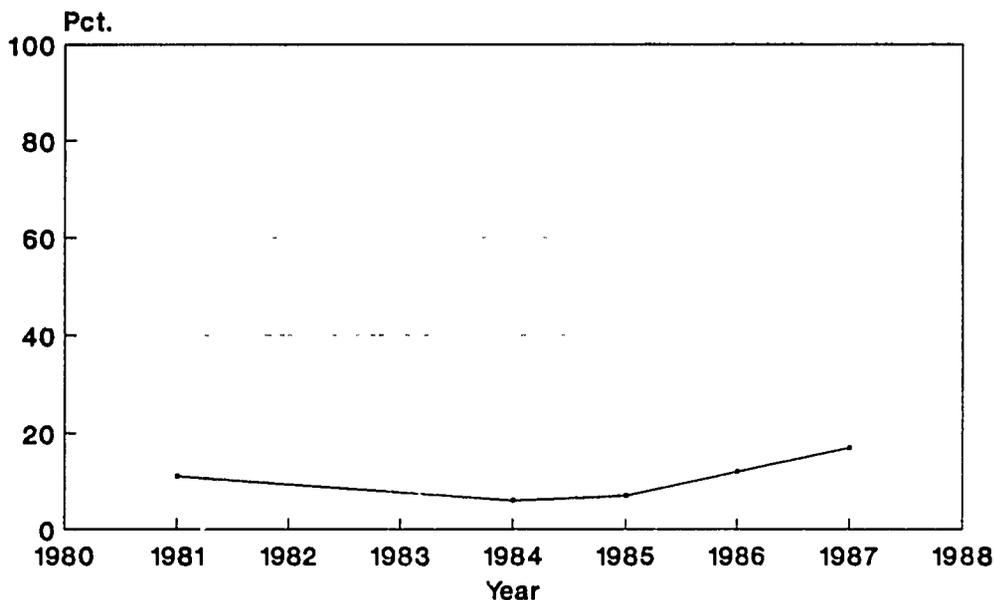
POLIO III VACCINATION COVERAGE RATES IN NIGERIA



Source:
World Health Organization
Report EPI/MISC/89.2

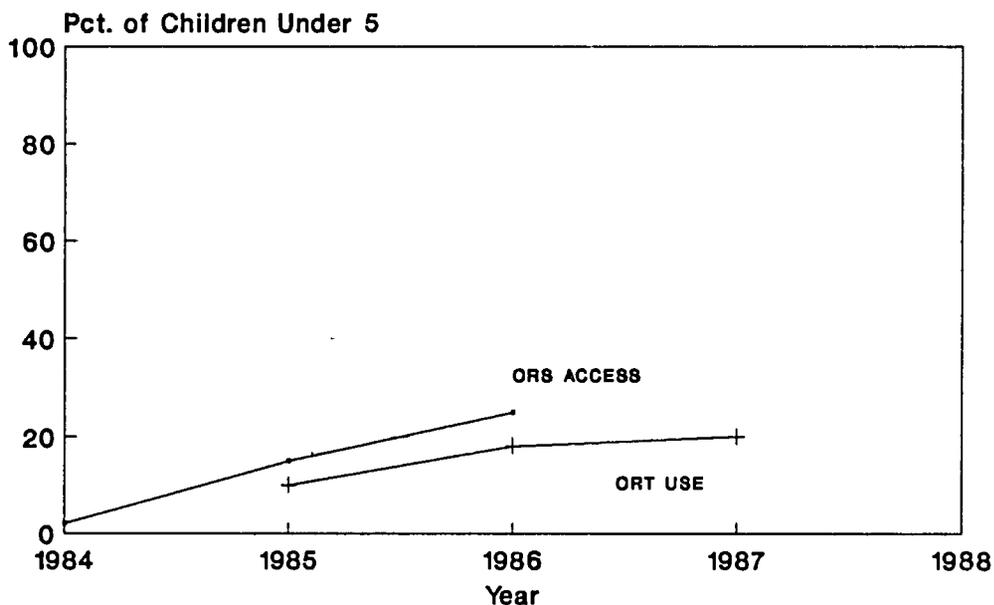
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN NIGERIA



Source: World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN NIGERIA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases
CIHI/ISTI, 10/1/89

October 6, 1989

RWANDA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	6,989,000	1989	A
Infant Mortality Rate	119/1000	1989	A
Life Expectancy At Birth	49 years	1989	A
Children Under Age 1	324,000	1989	A
Annual Infant Deaths	42,000	1989	A
Total Fertility Rate	8.2	1989	A

Child Survival Indicators

Immunization Coverage

BCG	89%	1987	B
Polio III	78%	1987	B
DPT III	79%	1987	B
Measles	74%	1987	B
Tetanus II	21%	1985	B

Oral Rehydration Therapy

ORS Access Rate	14.0%	1987	C
ORT Use Rate	24.4%	1987	C

Contraceptive Prevalence 10% 1983 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

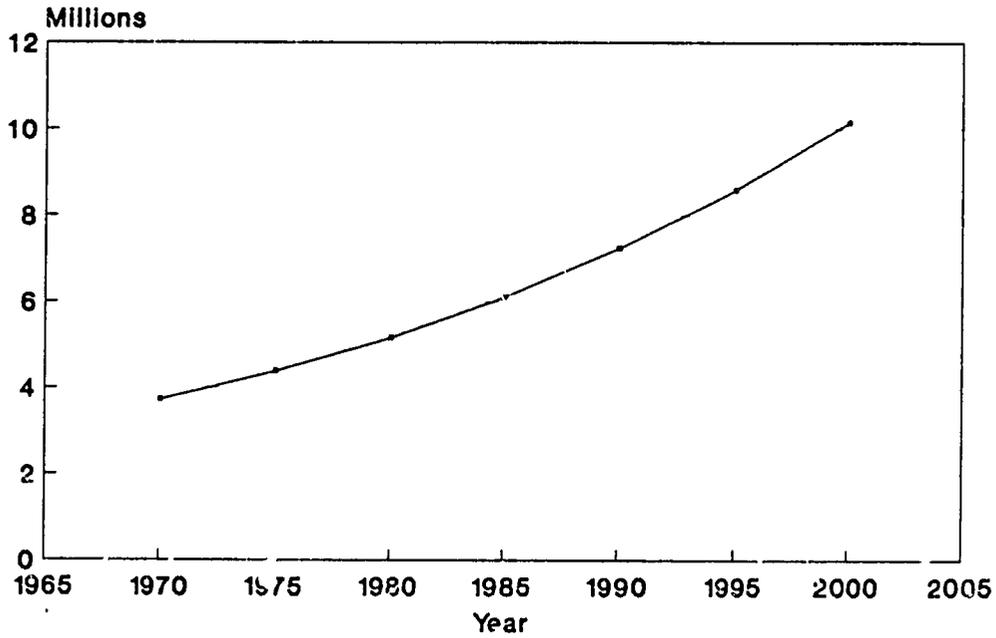
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

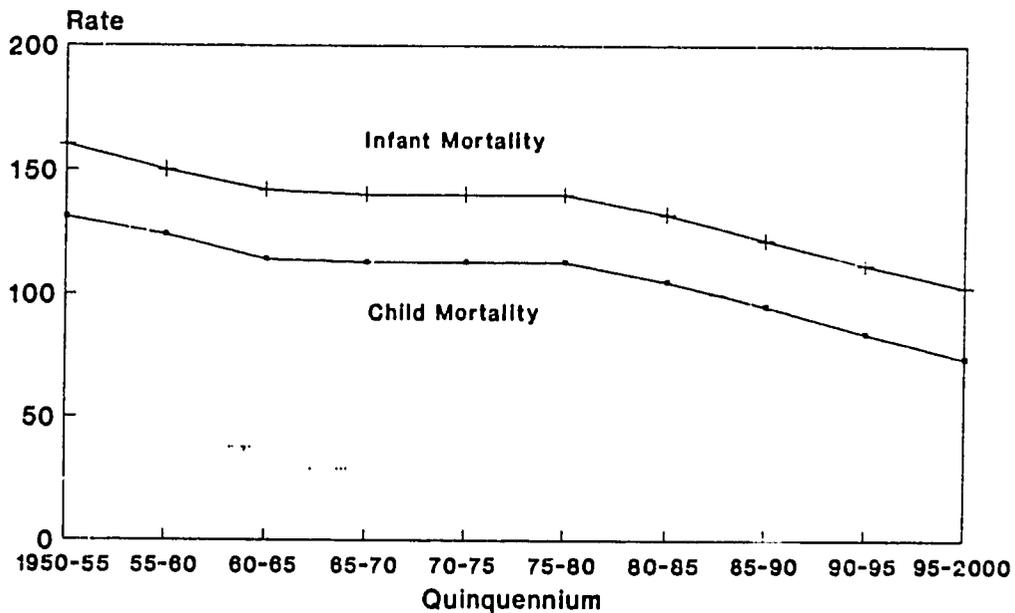
POPULATION ESTIMATES RWANDA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

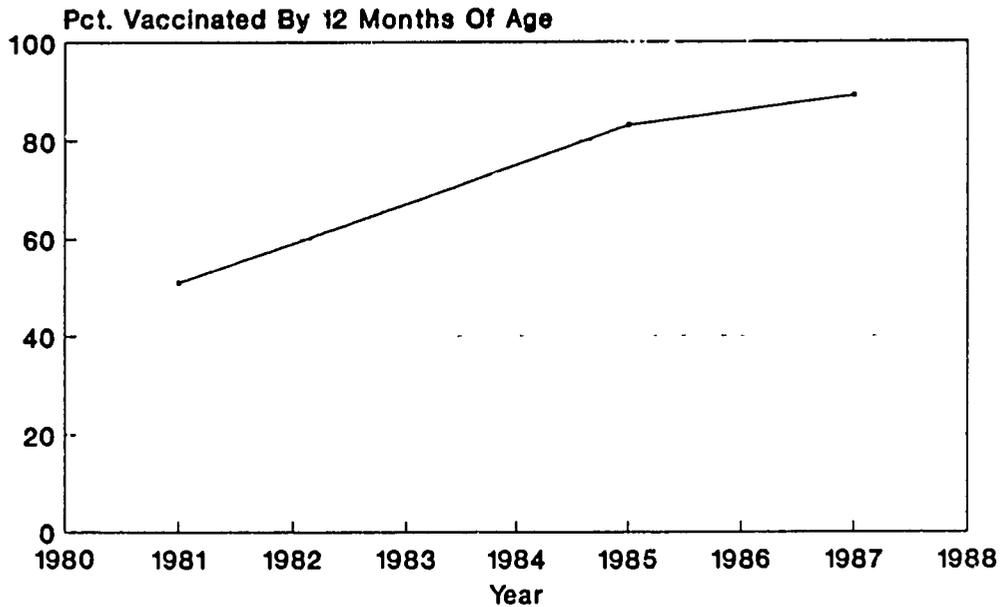
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN RWANDA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

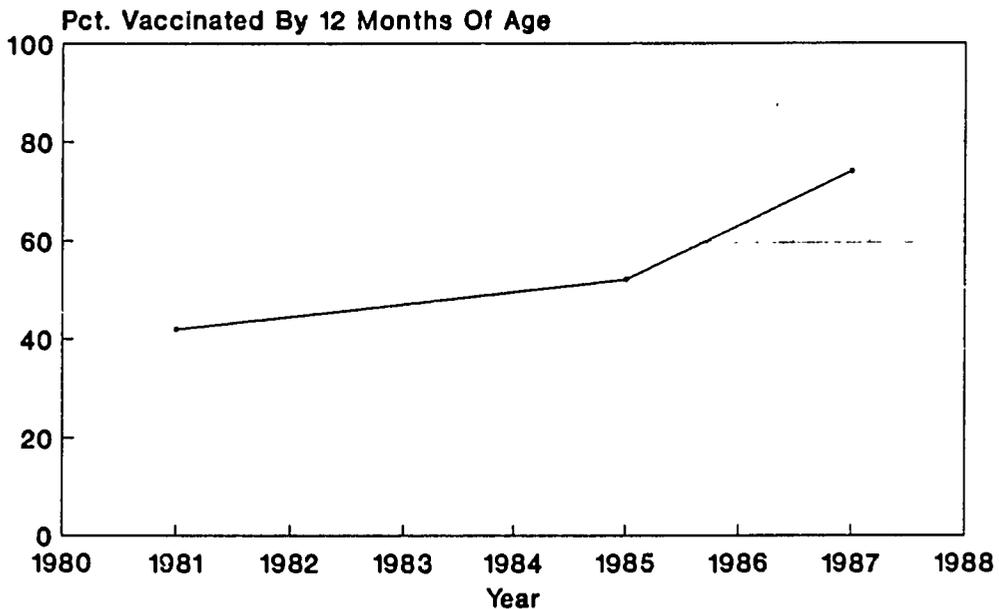
BCG VACCINATION COVERAGE RATES IN RWANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

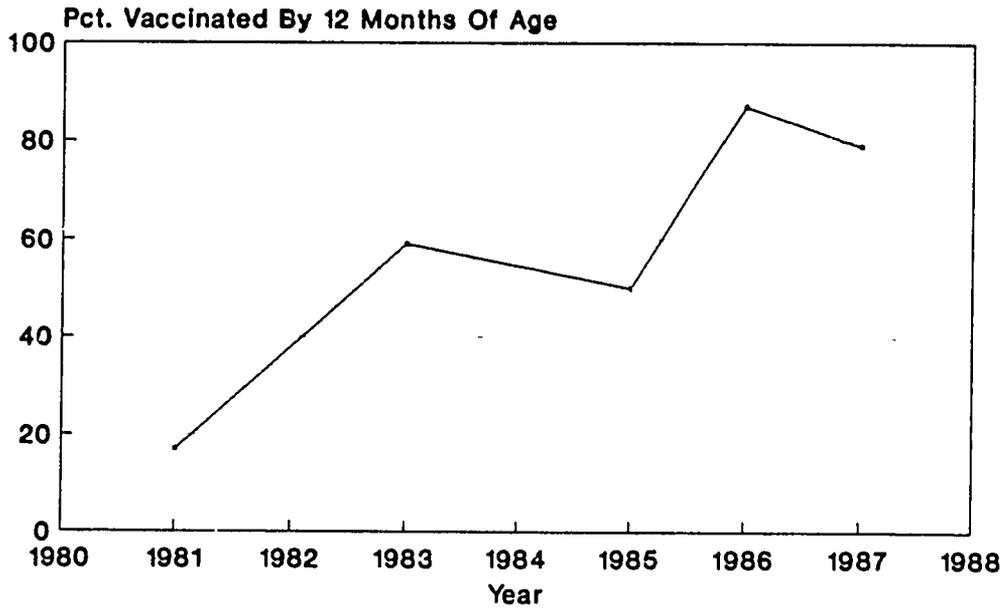
MEASLES VACCINATION COVERAGE RATES IN RWANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

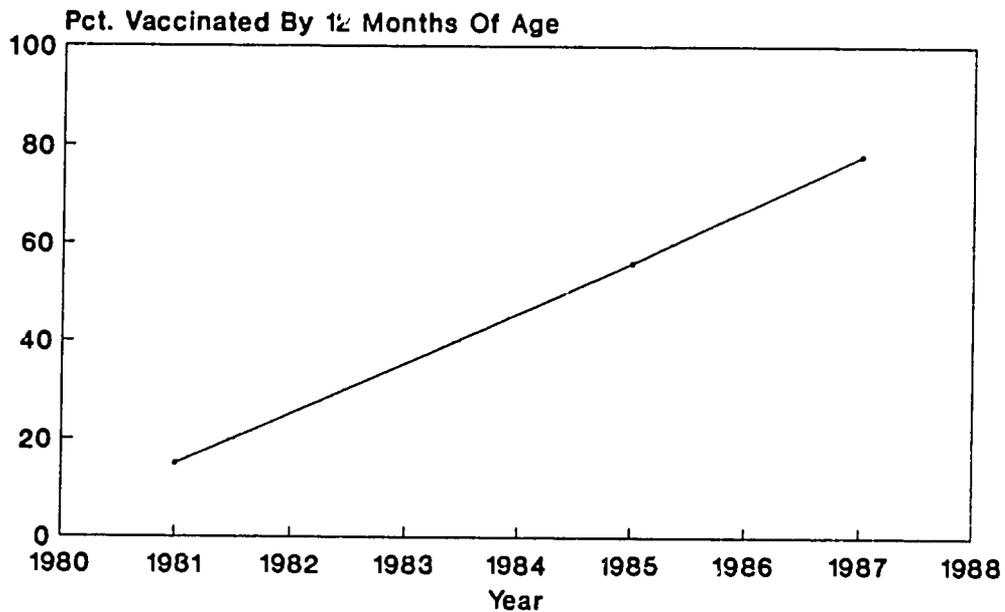
DPT III VACCINATION COVERAGE RATES IN RWANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

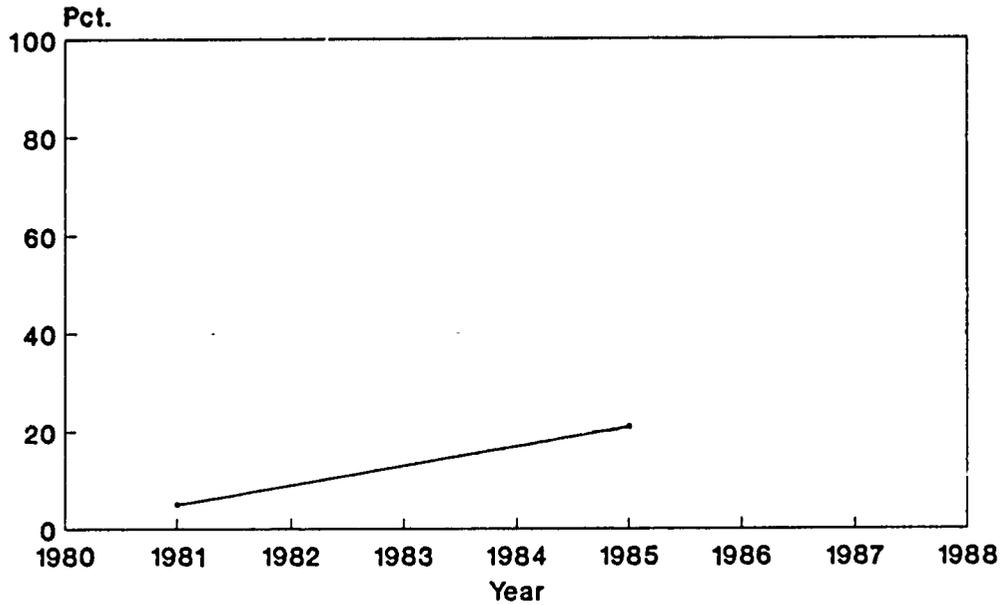
POLIO III VACCINATION COVERAGE RATES IN RWANDA



Source:
World Health Organization
Report EPI/MISC/89.2

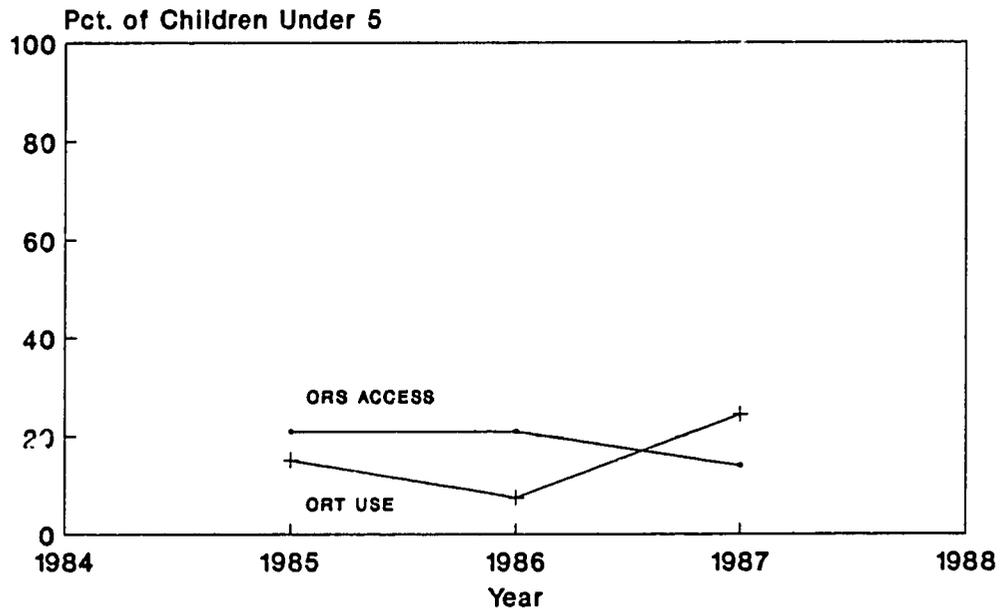
Center For International Health Information, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN RWANDA



Source: World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN RWANDA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 11, 1989

SENEGAL

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	7,171,000	1989	A
Infant Mortality Rate	86/1000	1989	D
Life Expectancy At Birth	46 years	1989	A
Children Under Age 1	297,000	1989	A
Annual Infant Deaths	41,000	1989	A
Total Fertility Rate	6.3	1989	A

Child Survival Indicators

Immunization Coverage

BCG	92%	1987	B
Polio III	53%	1987	B
DPT III	53%	1987	B
Measles	70%	1987	B
Tetanus II	8%	1985	B

Oral Rehydration Therapy

ORS Access Rate	7.3%	1987	C
ORT Use Rate	9.0%	1987	C

Contraceptive Prevalence 11% 1986 D

Adequate Nutritional Status 72% 1986 D

Appropriate Infant Feeding 75% 1986 D

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

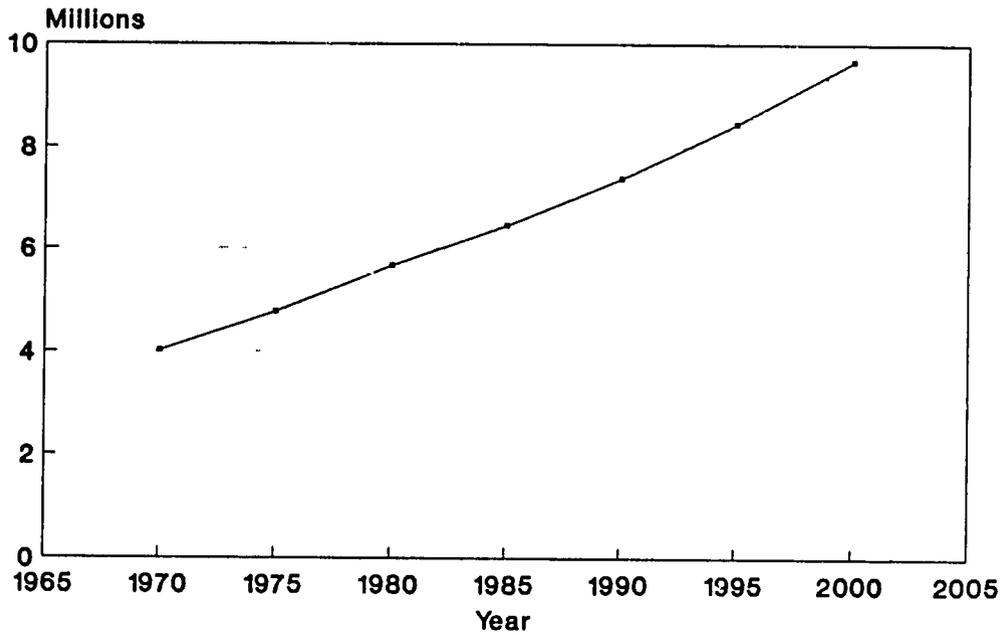
B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D Enquete Demographique et de Sante au Senegal: 1986, Demographic and Health Surveys, Institute for Resource Development/Westinghouse.

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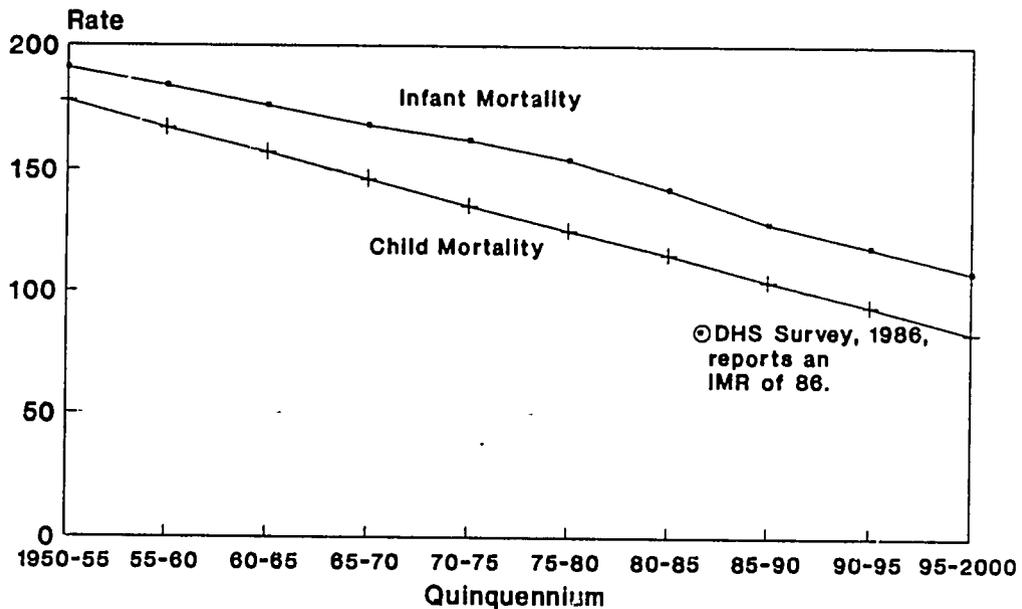
POPULATION ESTIMATES SENEGAL



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

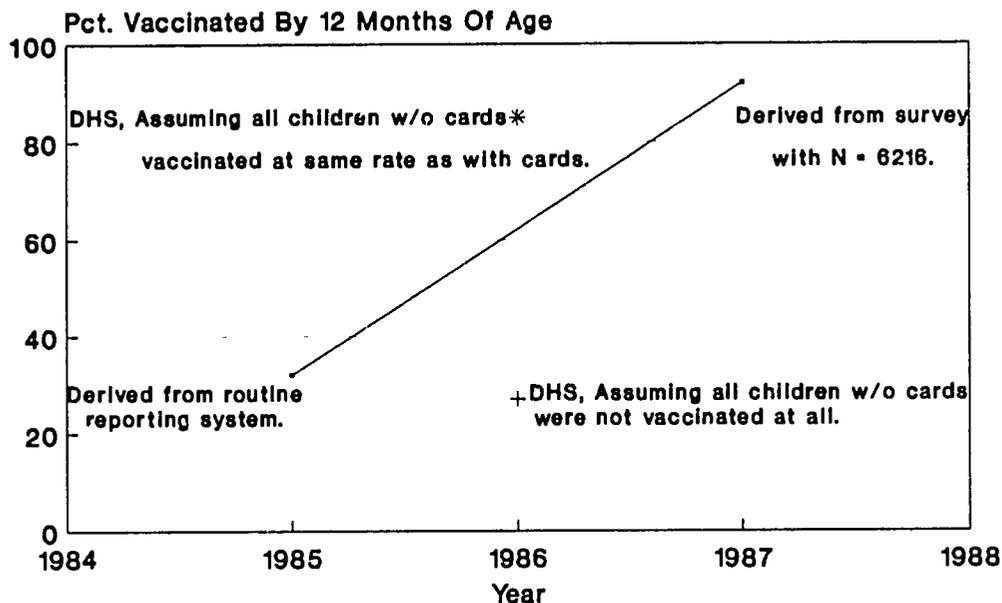
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN SENEGAL



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

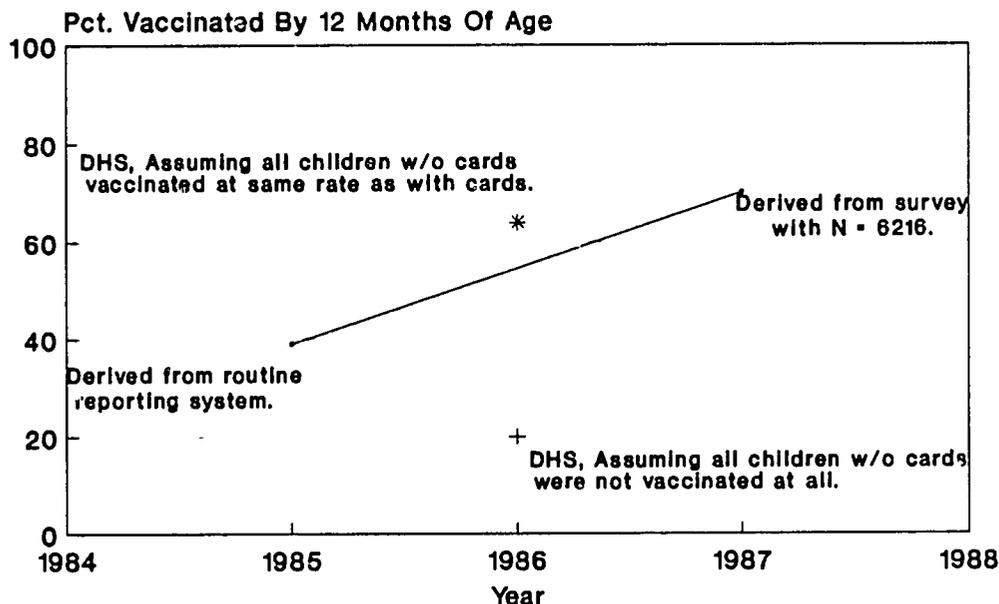
BCG VACCINATION COVERAGE RATES IN SENEGAL



Source: World Health Organization
Report EPI/MISC/89.2 for '85 & '87
IRD/Westinghouse, DHS for 1986

CIHI, ISTI, 7/1/89

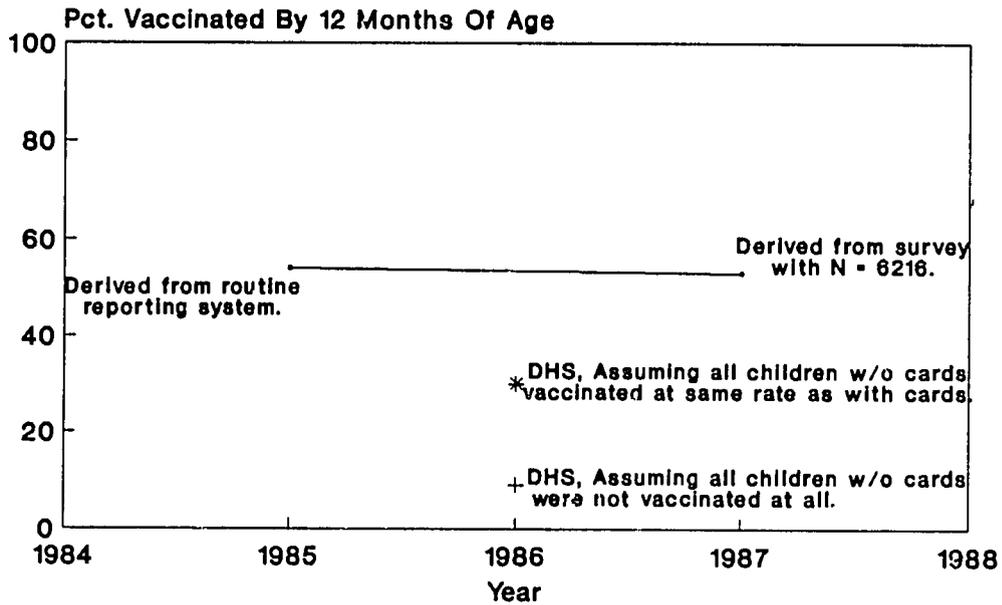
MEASLES VACCINATION COVERAGE RATES IN SENEGAL



Source: World Health Organization
Report EPI/MISC/89.2 for '85 & '87
IRD/Westinghouse, DHS for 1986

CIHI, ISTI, 7/1/89

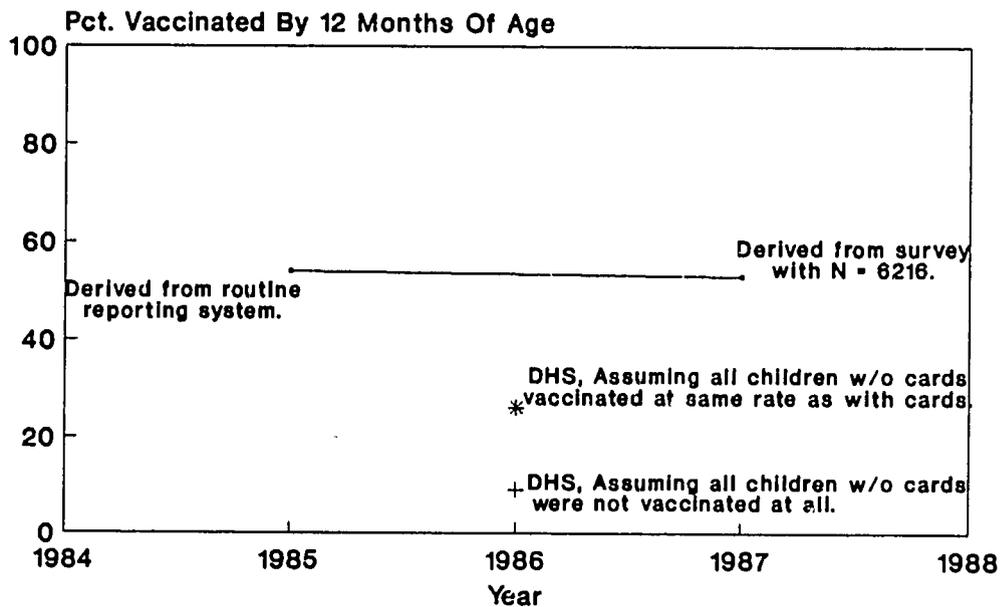
DPT III VACCINATION COVERAGE RATES IN SENEGAL



Source: World Health Organization
Report EPI/MISC/89.2 for '85 & '87
IRD/Westinghouse, DHS for 1986

CIHI, ISTI, 7/1/89

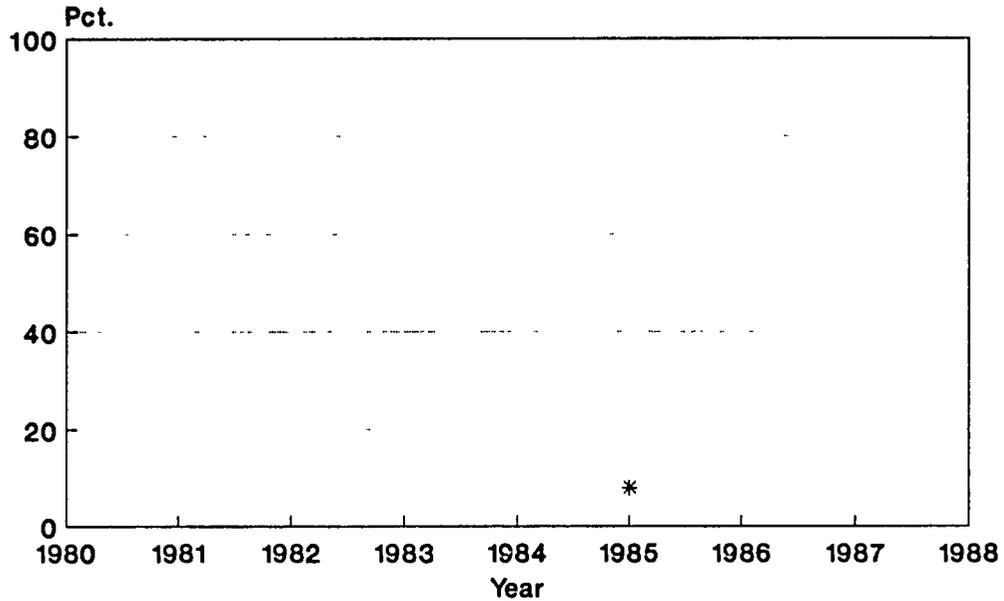
POLIO III VACCINATION COVERAGE RATES IN SENEGAL



Source: World Health Organization
Report EPI/MISC/89.2 for '85 & '87
IRD/Westinghouse, DHS for 1986

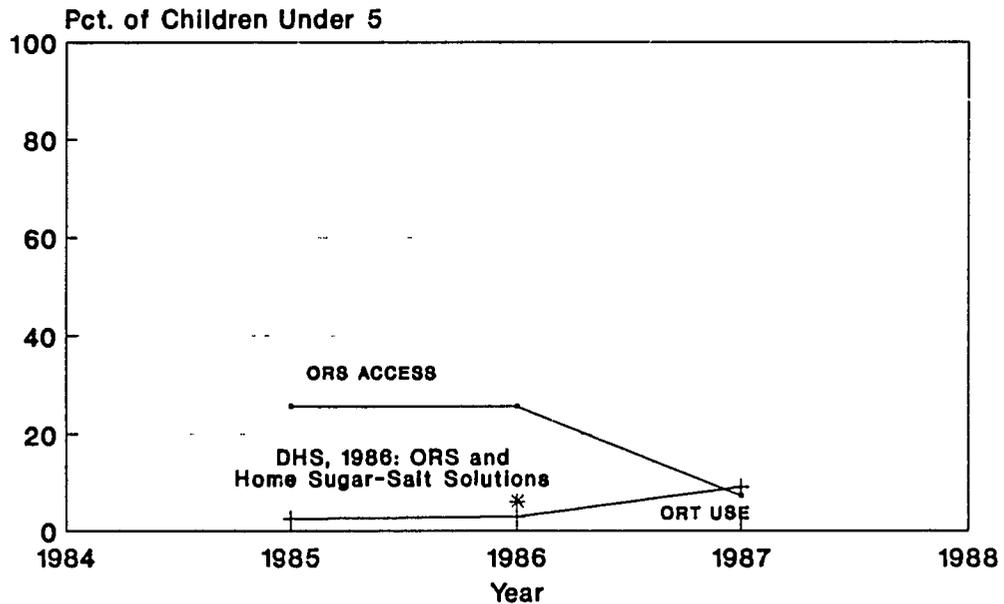
CIHI, ISTI, 7/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN SENEGAL



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN SENEGAL



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 6, 1989

SIERRA LEONE

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	4,046,000	1989	A
Infant Mortality Rate	151/1000	1989	A
Life Expectancy At Birth	42 years	1989	A
Children Under Age 1	174,000	1989	A
Annual Infant Deaths	29,000	1989	A
Total Fertility Rate	6.5	1989	A

Child Survival Indicators

Immunization Coverage

BCG	73%	1988	B
Polio III	30%	1988	B
DPT III	30%	1988	B
Measles	50%	1988	E
Tetanus II	45%	1986	B

Oral Rehydration Therapy

ORS Access Rate	60.0%	1987	C
ORT Use Rate	30.7%	1986	C

Contraceptive Prevalence 4% 1982 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

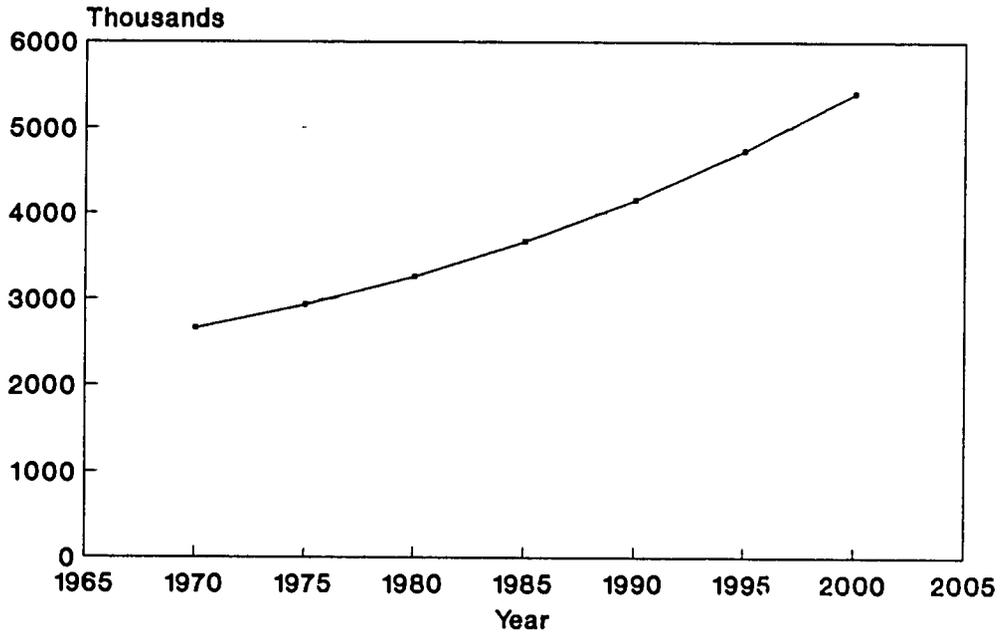
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D Ross, John A. et. al., Family Planning and Child Survival: 100 Developing Countries, 1988, Columbia University.

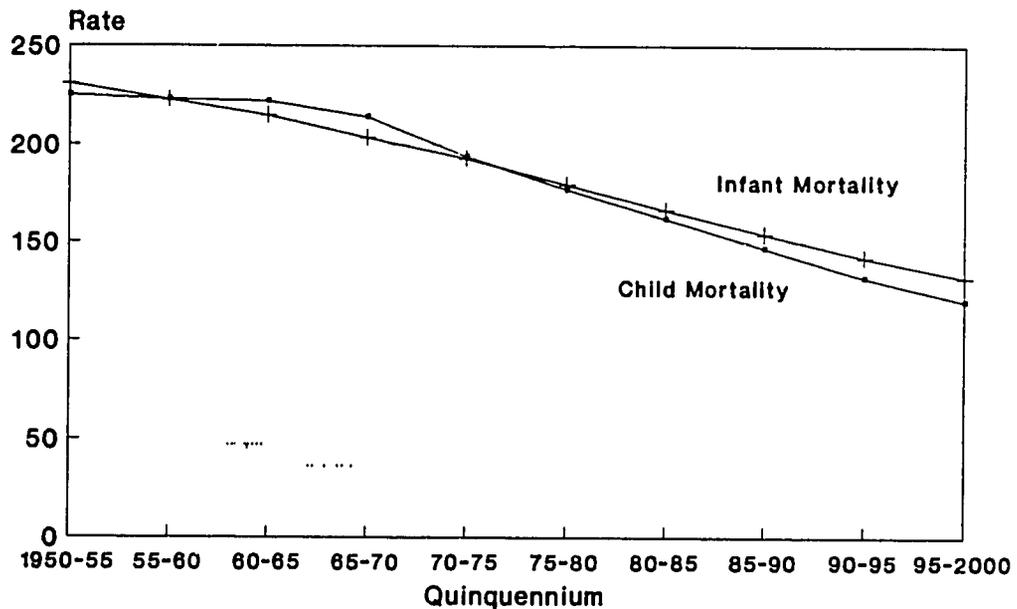
POPULATION ESTIMATES SIERRA LEONE



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

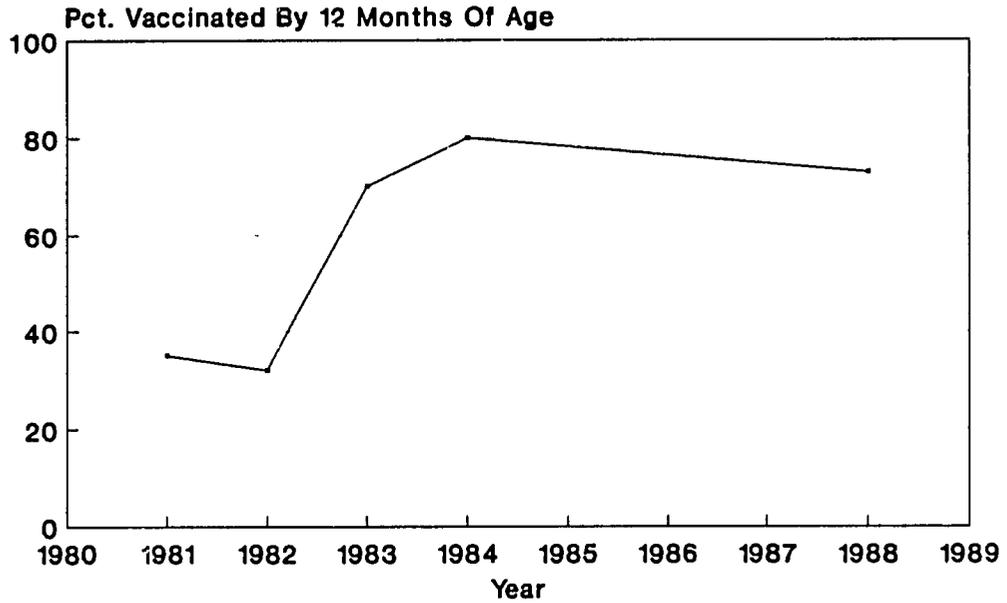
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN SIERRA LEONE



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

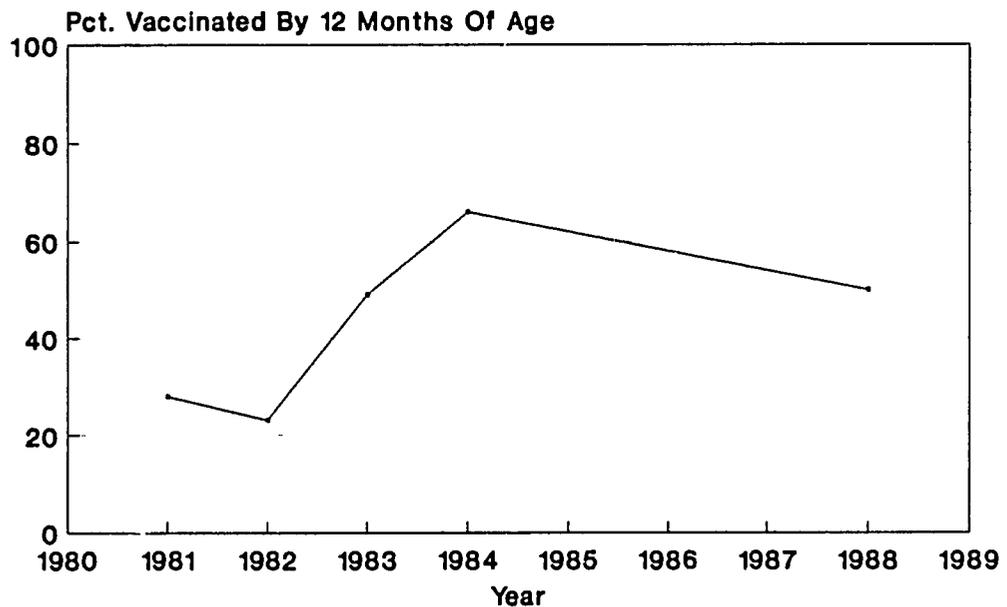
BCG VACCINATION COVERAGE RATES IN SIERRA LEONE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

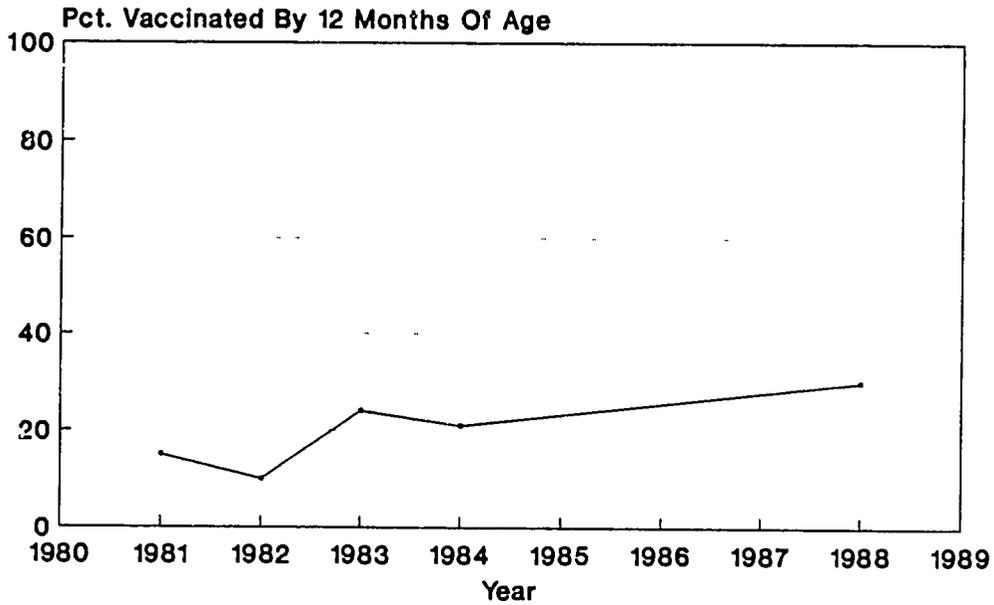
MEASLES VACCINATION COVERAGE RATES IN SIERRA LEONE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

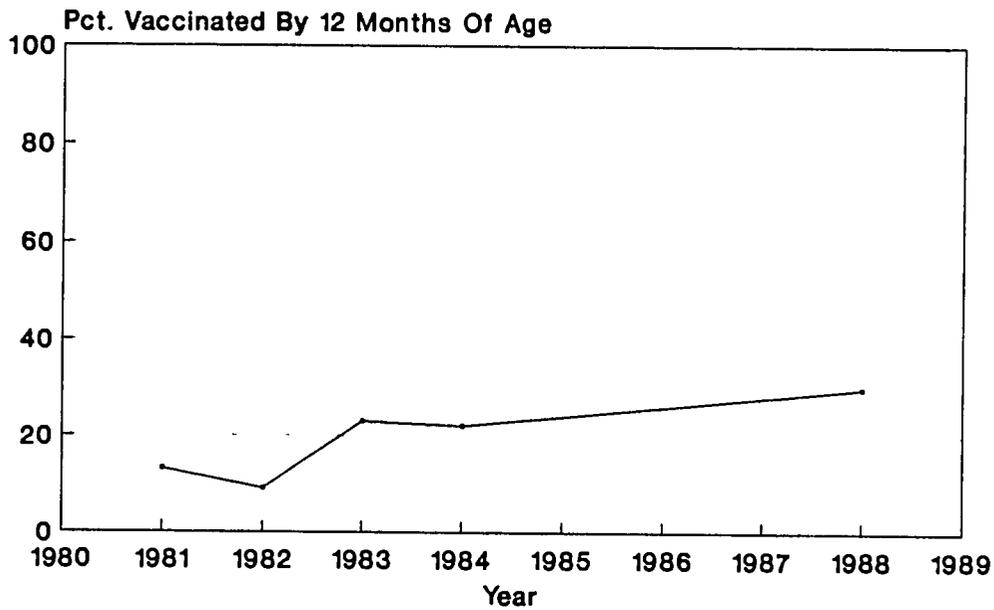
DPT III VACCINATION COVERAGE RATE IN SIERRA LEONE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO III VACCINATION COVERAGE RATE IN SIERRA LEONE

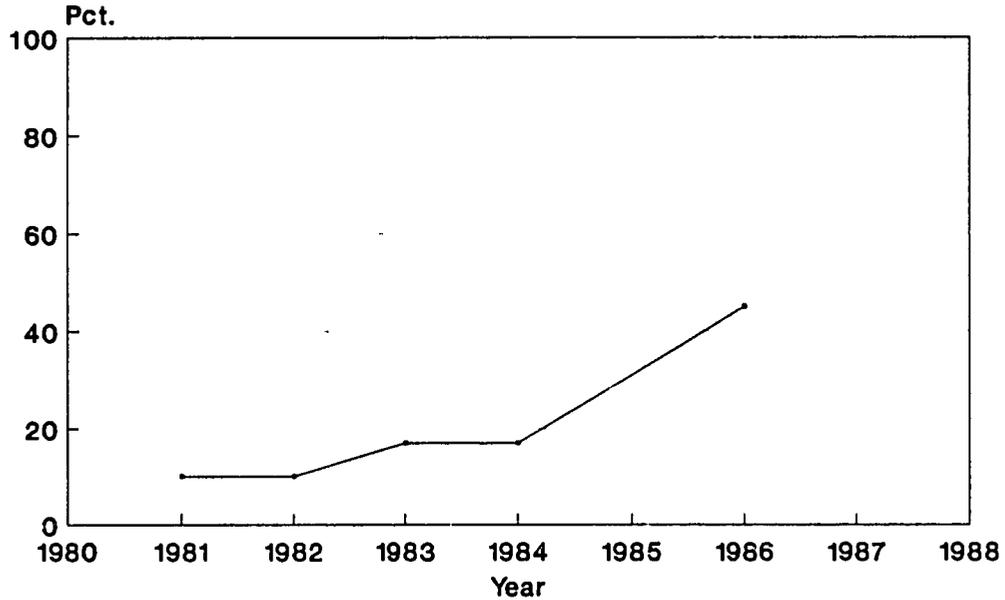


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

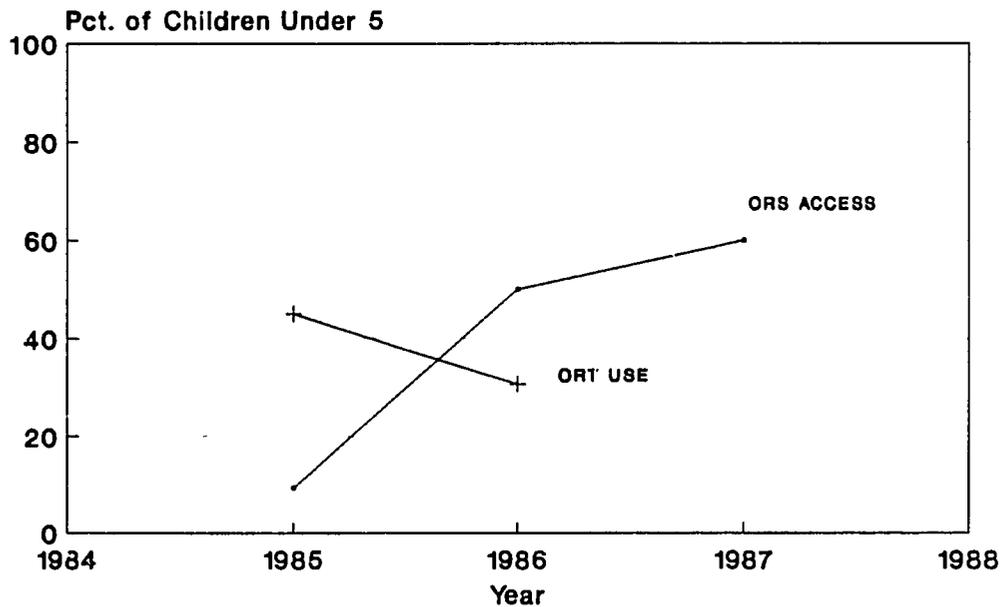
125

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN SIERRA LEONE



Source:
 World Health Organization
 Report EPI/MISC/89.2 Center For International Health Information, ISTI, 10/1/89

ORS ACCESS AND ORT USE RATES IN SIERRA LEONE



SOURCE: World Health Organization,
 Annual Reports of the Progr. for
 Control of Diarrhoeal Diseases CIHI/ISTI, 10/1/89

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October 6, 1989

SOMALIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	7,339,000	1989	A
Infant Mortality Rate	129/1000	1989	A
Life Expectancy At Birth	46 years	1989	A
Children Under Age 1	331,000	1989	A
Annual Infant Deaths	47,000	1989	A
Total Fertility Rate	6.6	1989	A

Child Survival Indicators

Immunization Coverage

BCG	33%	1988	B
Polio III	25%	1988	B
DPT III	25%	1988	B
Measles	29%	1988	B
Tetanus II	6%	1987	B

Oral Rehydration Therapy

ORS Access Rate	31.0%	1987	C
ORT Use Rate	77.8%	1987	C

Contraceptive Prevalence 2% 1982 D

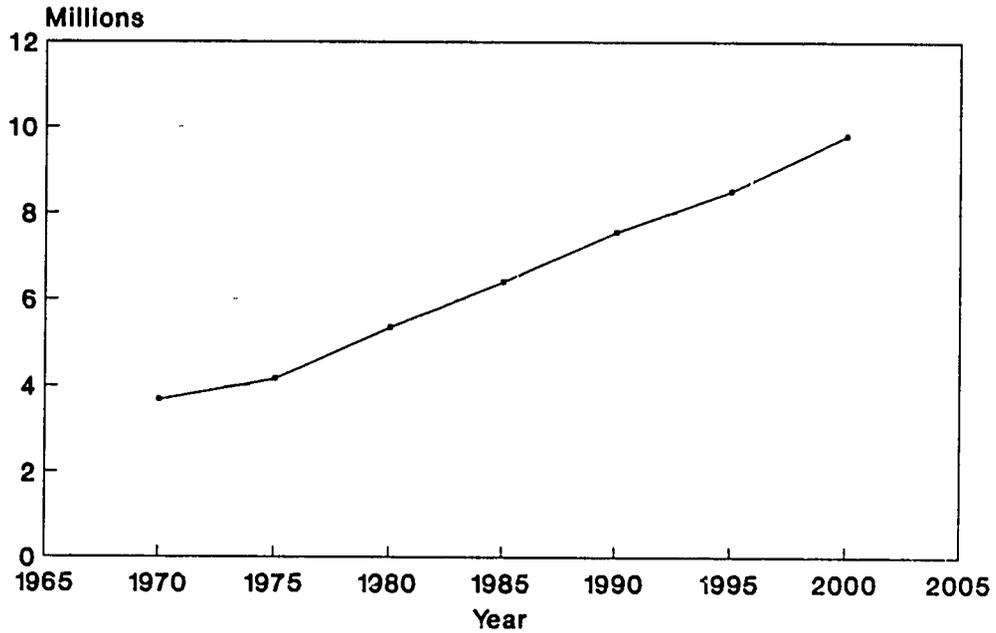
Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D Ross, John A. et. al., Family Planning and Child Survival: 100 Developing Countries, 1988, Columbia University.

125

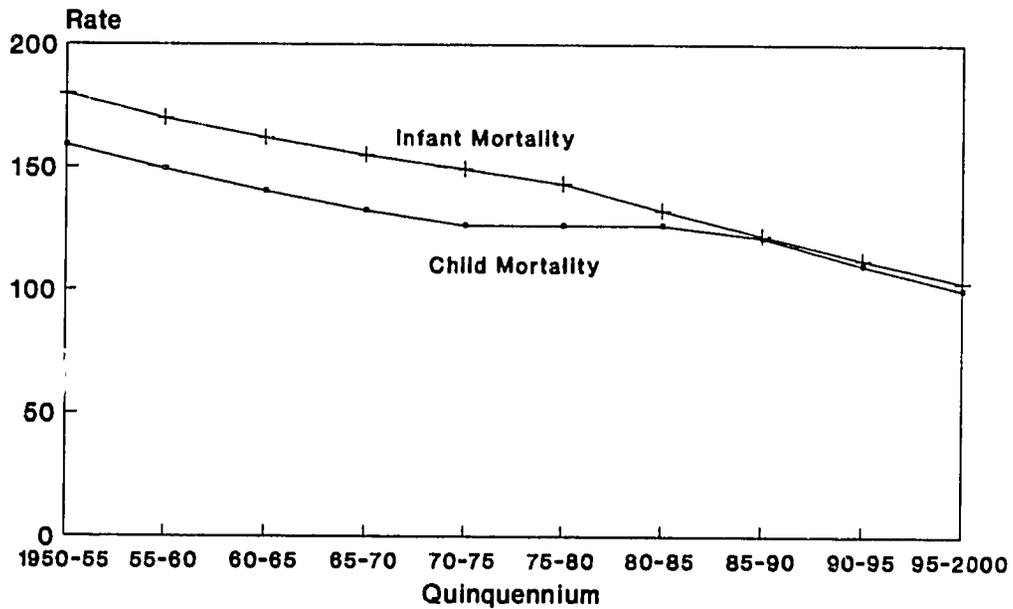
POPULATION ESTIMATES SOMALIA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

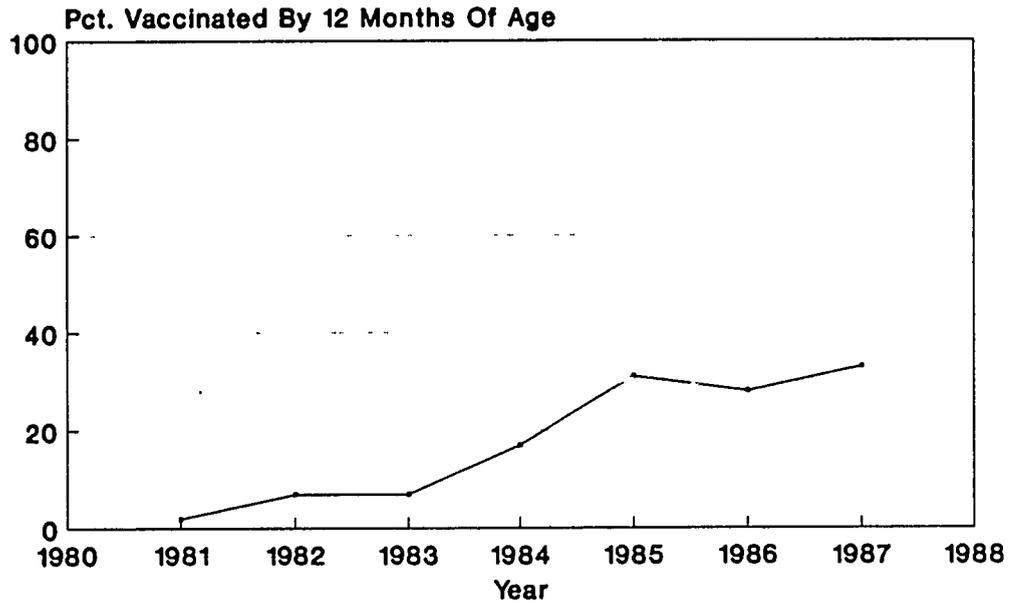
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN SOMALIA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

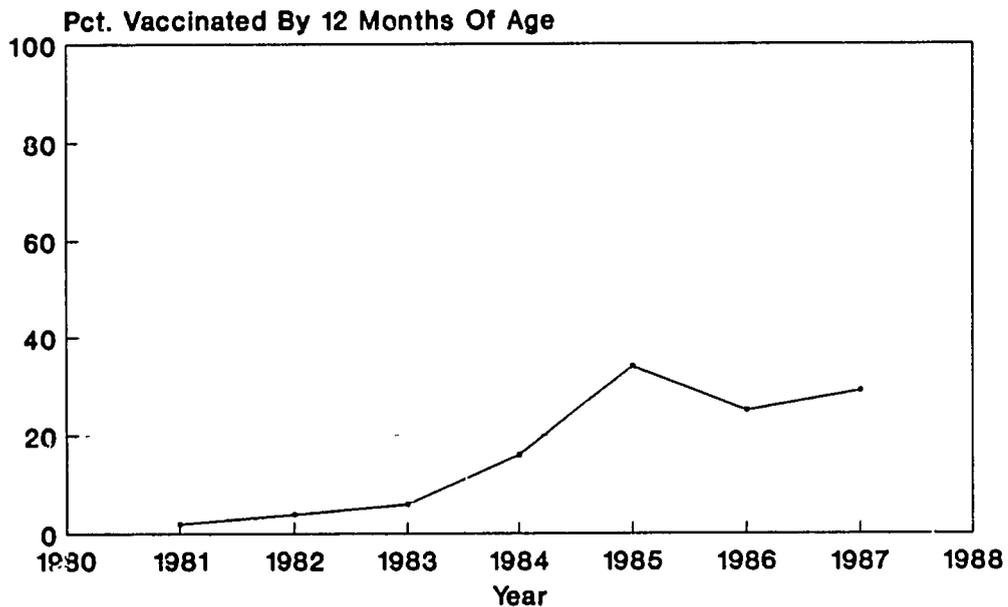
BCG VACCINATION COVERAGE RATES IN SOMALIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

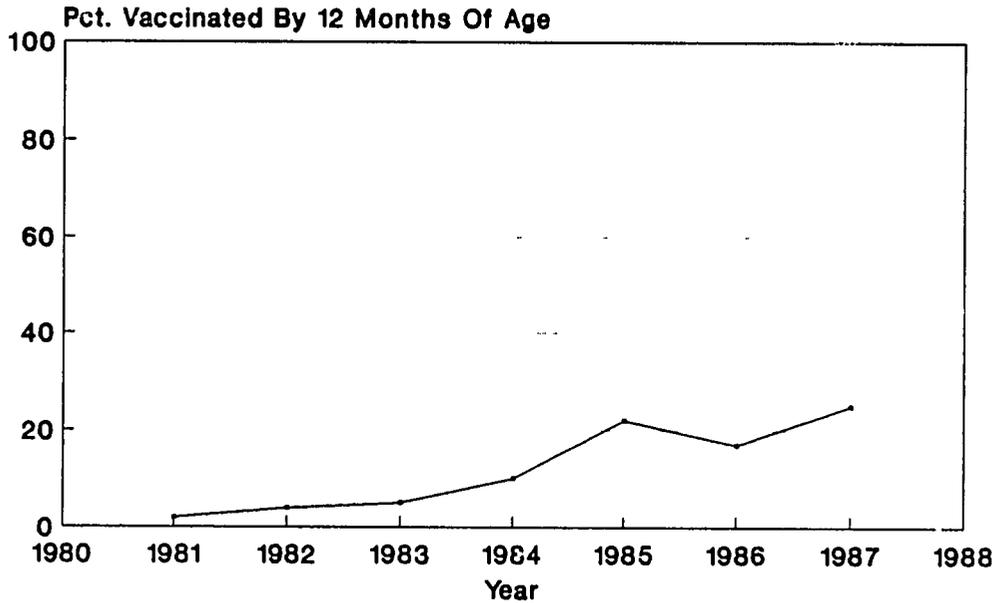
MEASLES VACCINATION COVERAGE RATES IN SOMALIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

DPT III VACCINATION COVERAGE RATES IN SOMALIA

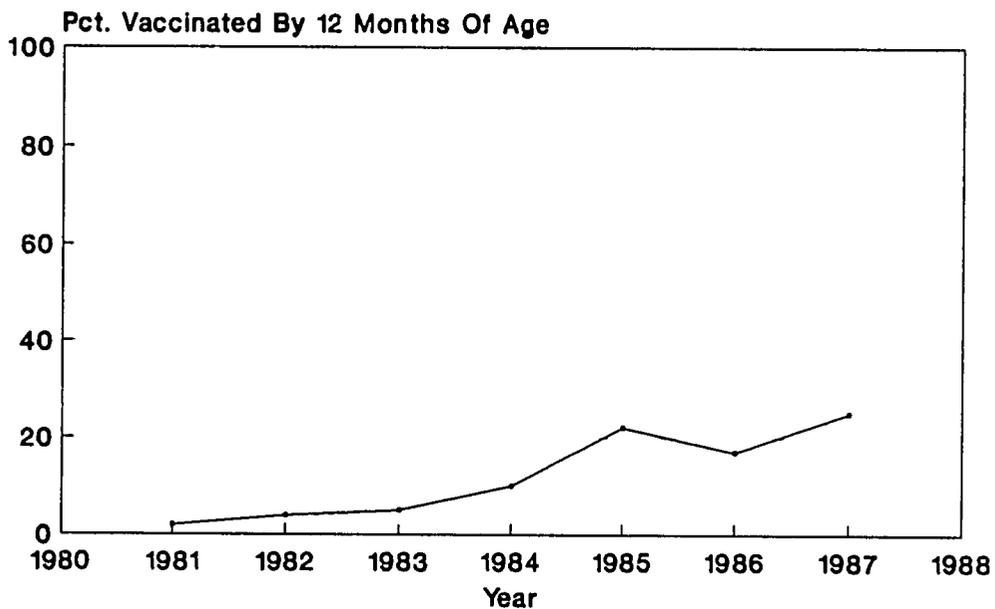


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN SOMALIA



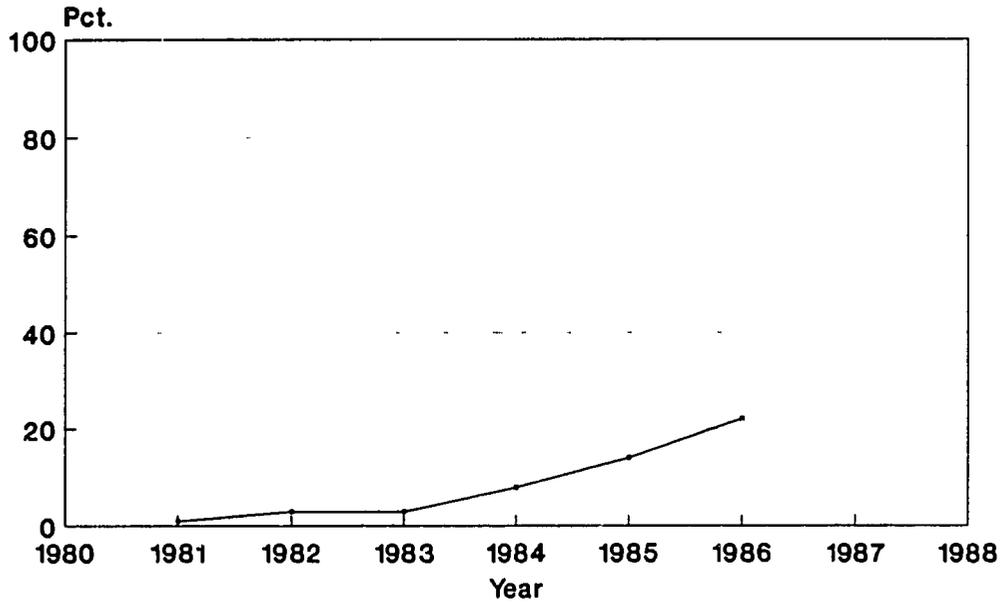
Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

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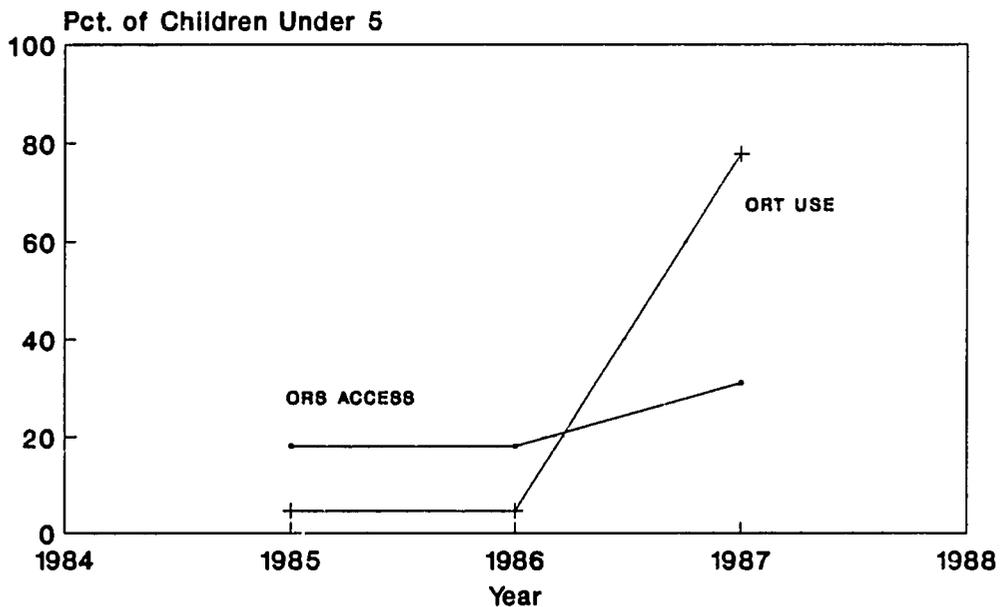
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN SOMALIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, 7/1/89

ORS ACCESS AND ORT USE RATES IN SOMALIA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 6, 1989

SUDAN

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	24,484,000	1989	A
Infant Mortality Rate	105/1000	1989	A
Life Expectancy At Birth	50 years	1989	A
Children Under Age 1	1,002,000	1989	A
Annual Infant Deaths	114,000	1989	A
Total Fertility Rate	6.4	1989	A

Child Survival Indicators

Immunization Coverage

BCG	46%	1987	B
Polio III	29%	1987	B
DPT III	29%	1987	B
Measles	22%	1987	B
Tetanus II	12%	1987	B

Oral Rehydration Therapy

ORS Access Rate	18.2%	1987	C
ORT Use Rate	25.0%	1987	C

Contraceptive Prevalence 5% 1979 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

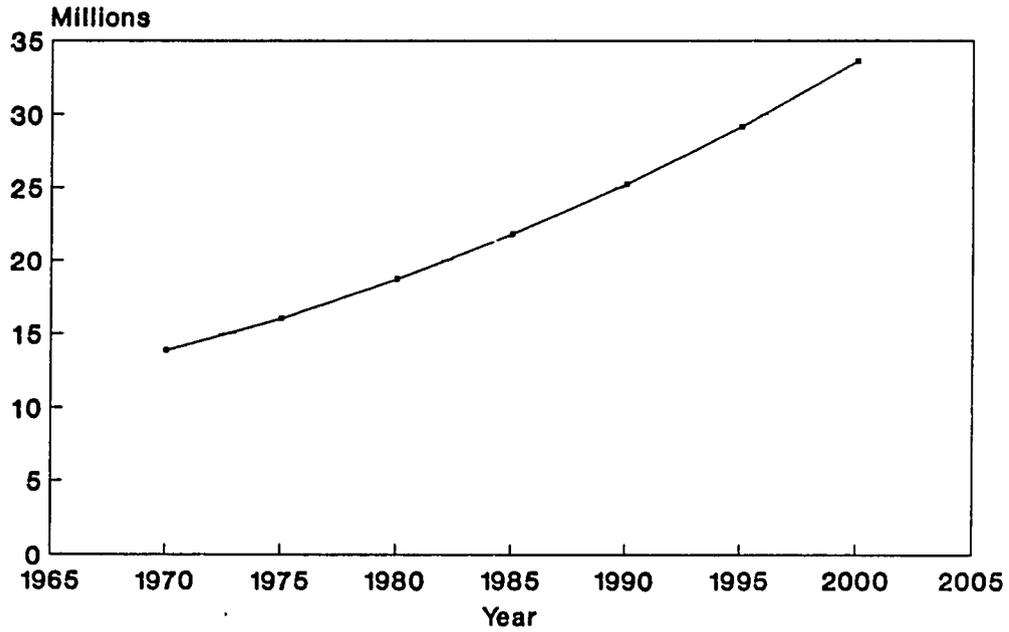
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

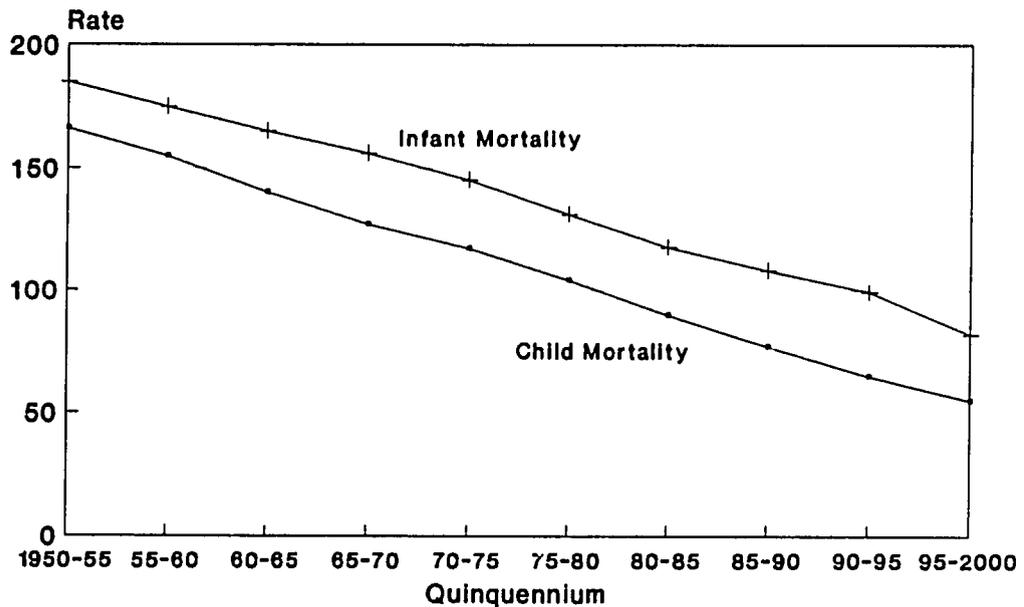
POPULATION ESTIMATES SUDAN



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

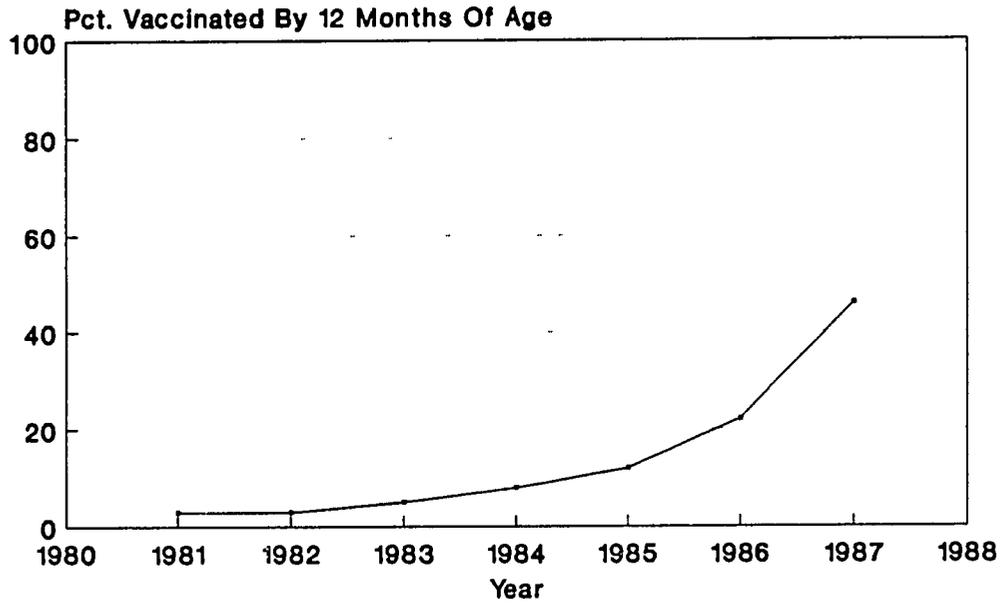
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN SUDAN



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

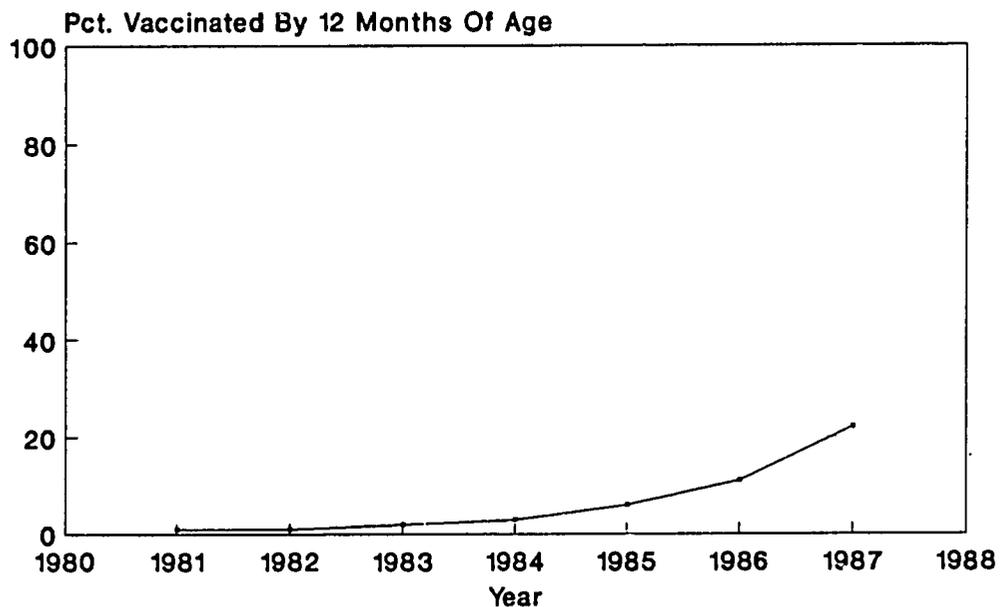
BCG VACCINATION COVERAGE RATES IN SUDAN



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

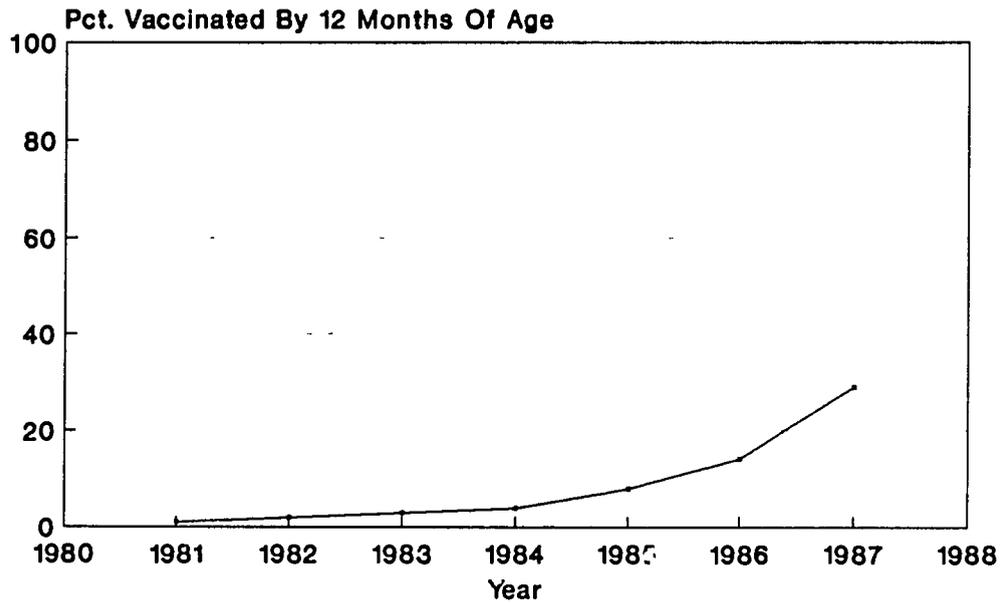
MEASLES VACCINATION COVERAGE RATES IN SUDAN



Source:
World Health Organization
Report EPI/MISC/89.2

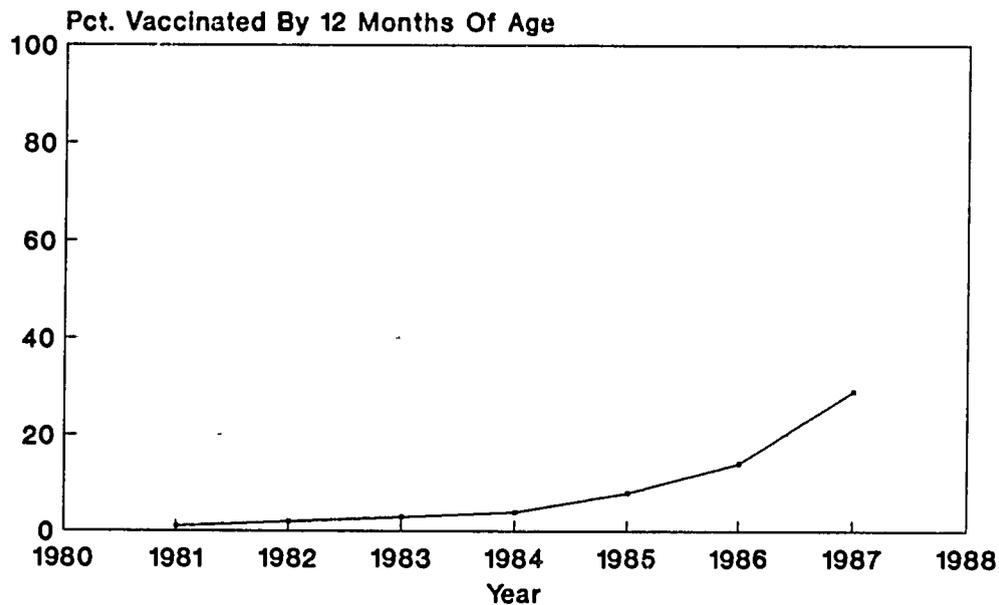
Center For International Health Information, ISTI, 7/1/89

DPT III VACCINATION COVERAGE RATES IN SUDAN



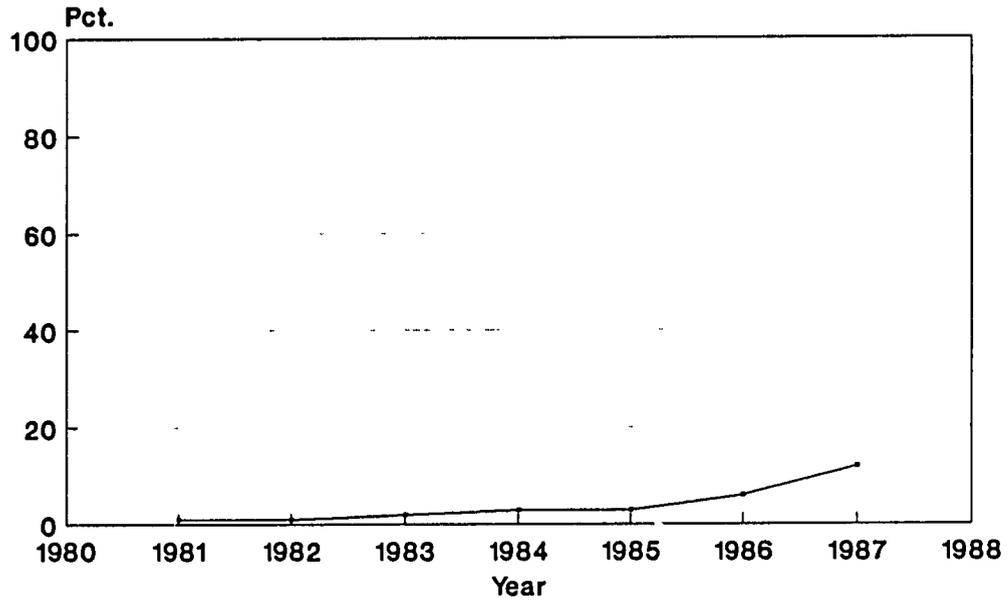
Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN SUDAN



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

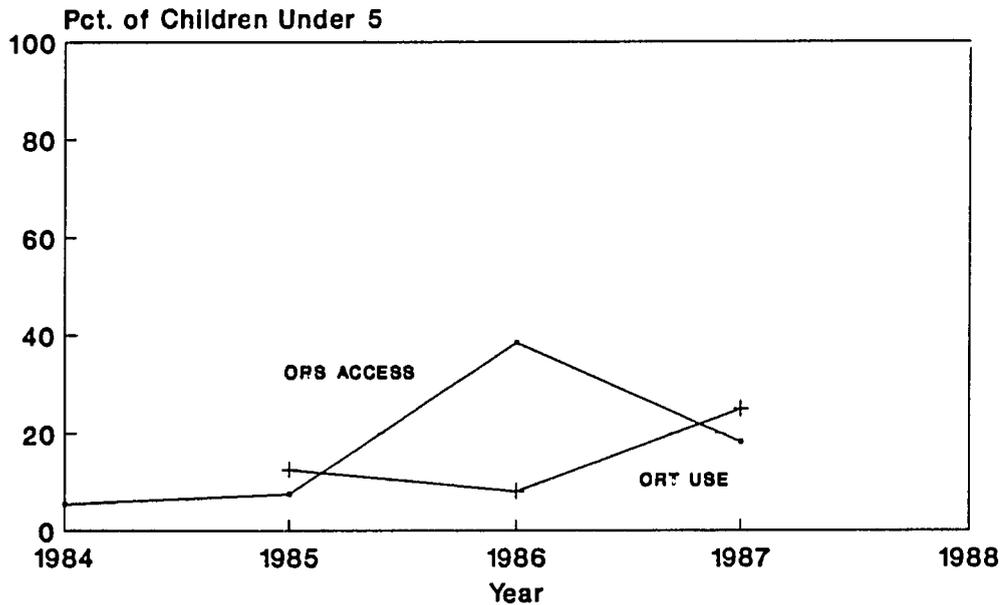
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN SUDAN



Source:
World Health Organization
Report EPI/MISC/89.2

CIHI, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN SUDAN



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

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SWAZILAND

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	763,000	1989	A
Infant Mortality Rate	115/1000	1989	A
Life Expectancy At Birth	56 years	1989	A
Children Under Age 1	33,000	1989	A
Annual Infant Deaths	4,000	1989	A
Total Fertility Rate	6.4	1989	A

Child Survival Indicators

Immunization Coverage

BCG	91%	1987	B
Polio III	74%	1987	B
DPT III	74%	1987	B
Measles	74%	1987	B
Tetanus II	1%	1983	B

Oral Rehydration Therapy

ORS Access Rate	N/A
ORT Use Rate	N/A

Contraceptive Prevalence N/A

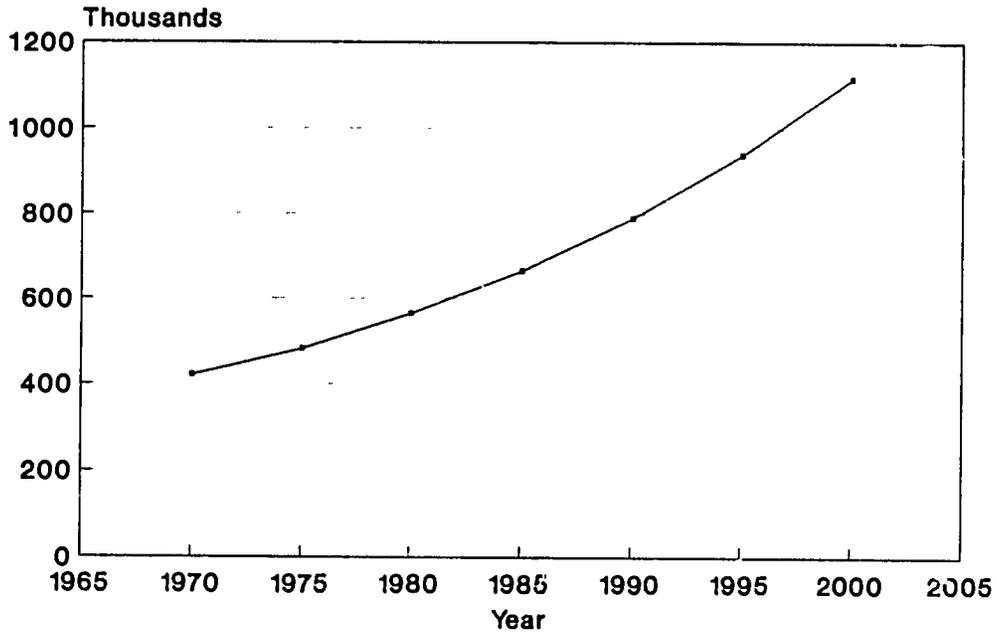
Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2. (Tetanus II figure from Report dated 1/8/87)

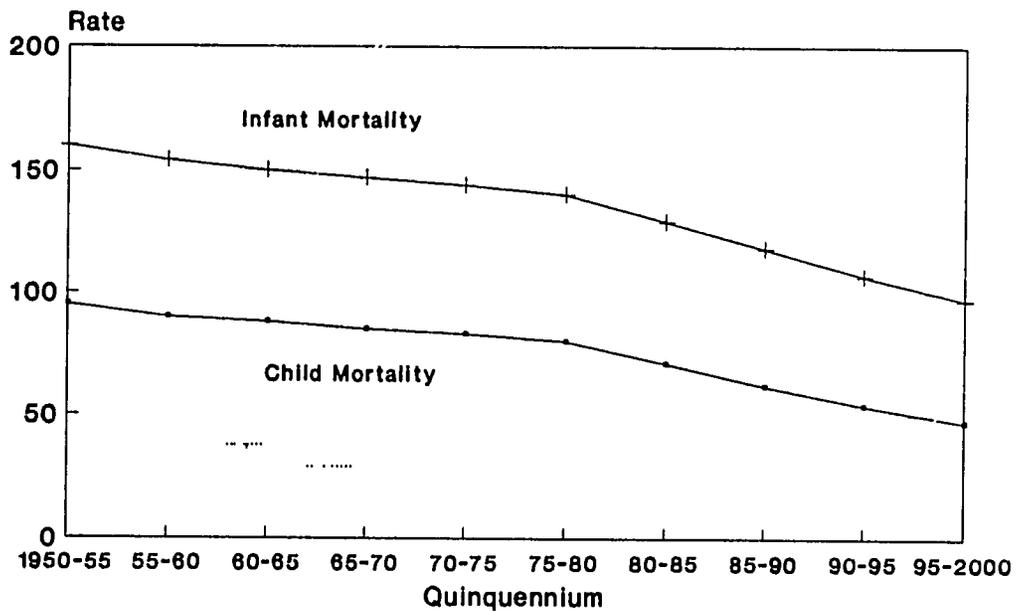
POPULATION ESTIMATES SWAZILAND



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

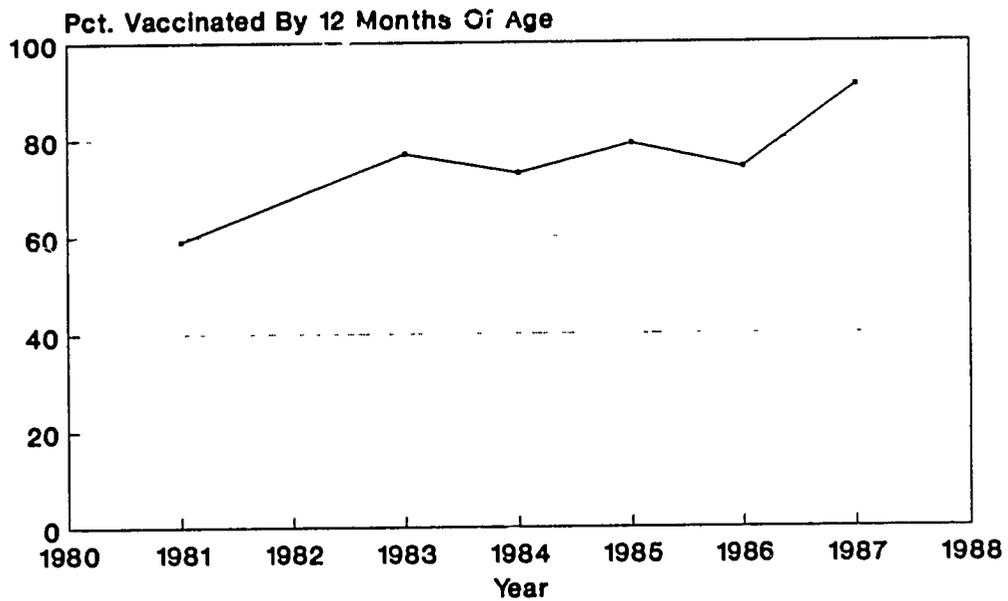
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN SWAZILAND



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

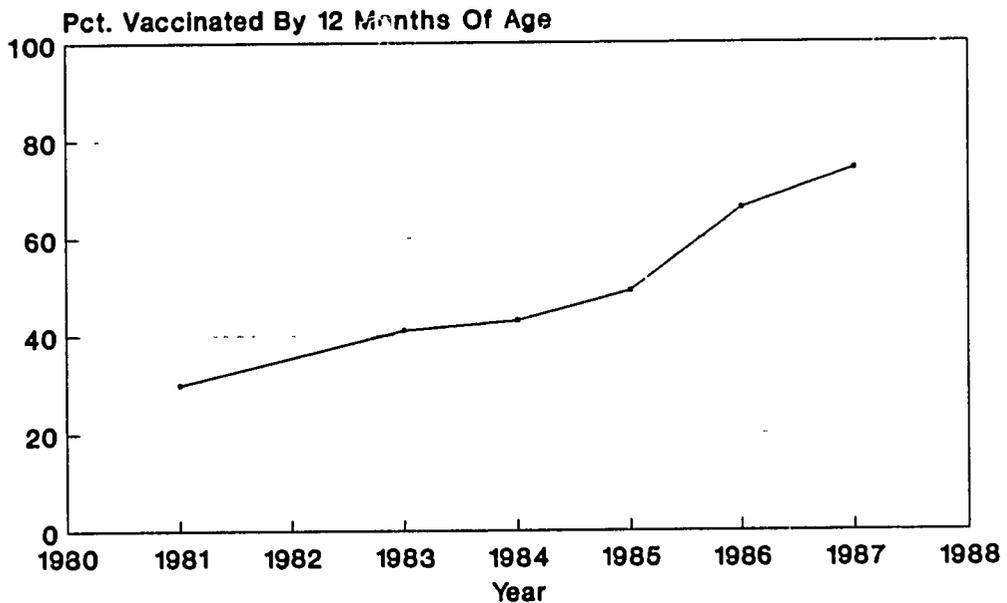
BCG VACCINATION COVERAGE RATE IN SWAZILAND



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

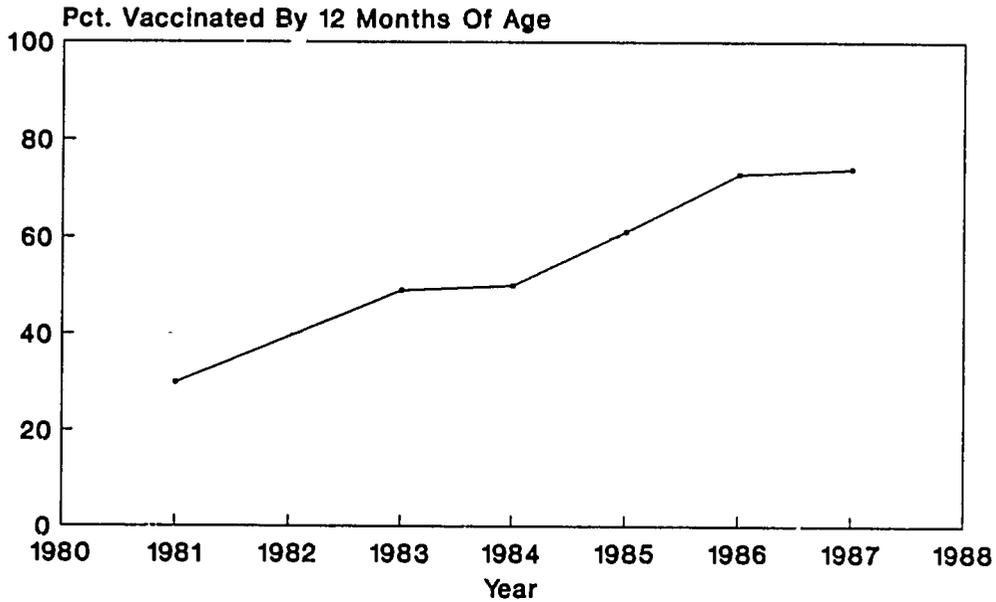
MEASLES VACCINATION COVERAGE RATE IN SWAZILAND



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

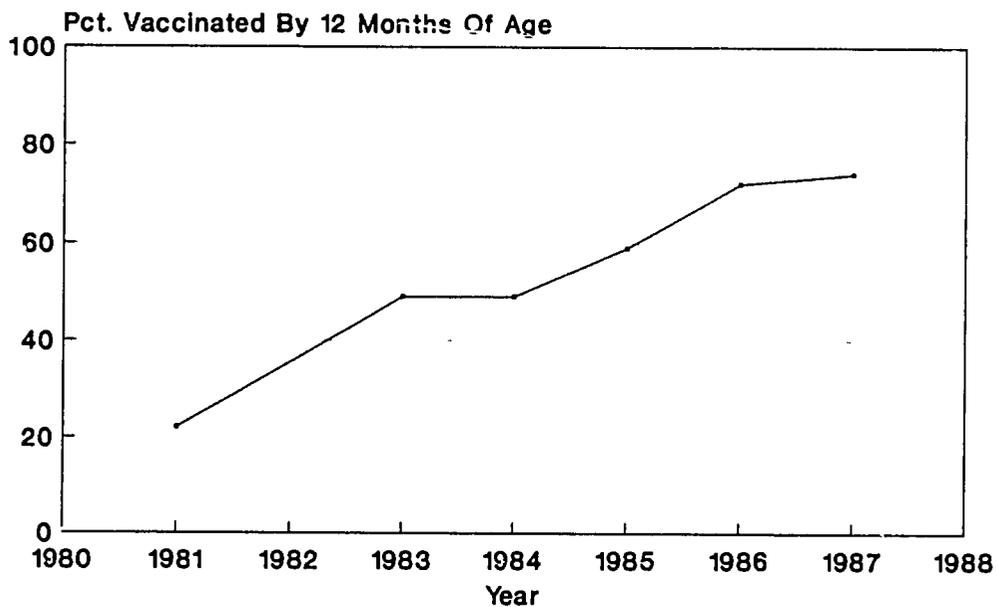
DPT III VACCINATION COVERAGE RATES IN SWAZILAND



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO III VACCINATION COVERAGE RATES IN SWAZILAND



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

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TANZANIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators:</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	26,343,000	1989	A
Infant Mortality Rate	103/1000	1989	A
Life Expectancy At Birth	54 years	1989	A
Children Under Age 1	1,228,000	1989	A
Annual Infant Deaths	137,000	1989	A
Total Fertility Rate	7.1	1989	A

Child Survival Indicators

Immunization Coverage

BCG	94%	1987	B
Polio III	65%	1985	B
DPT III	81%	1987	B
Measles	88%	1987	B
Tetanus II	54%	1987	B

Oral Rehydration Therapy

ORS Access Rate	60.5%	1987	C
ORT Use Rate	14.1%	1987	C

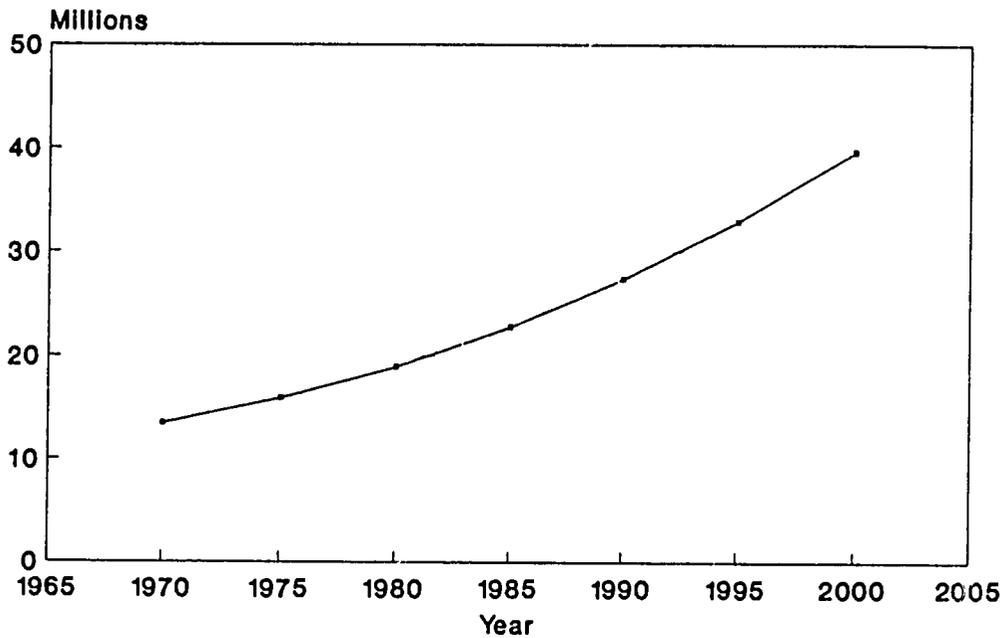
Contraceptive Prevalence 1% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

-
- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D Ross, John A., et. al., Family Planning and Child Survival: 100 Developing Countries, 1988, Columbia University.

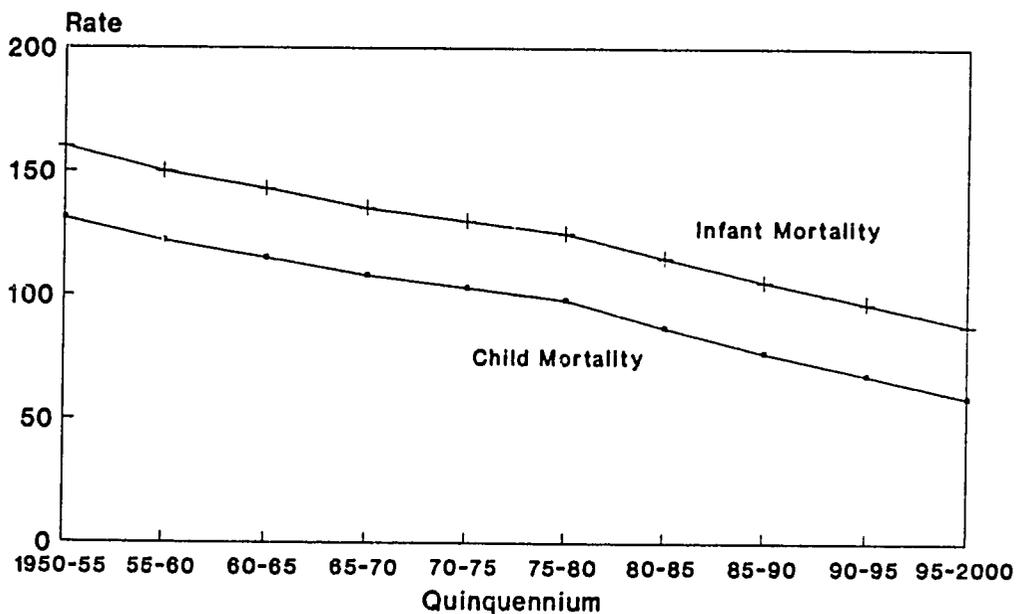
POPULATION ESTIMATES TANZANIA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN TANZANIA

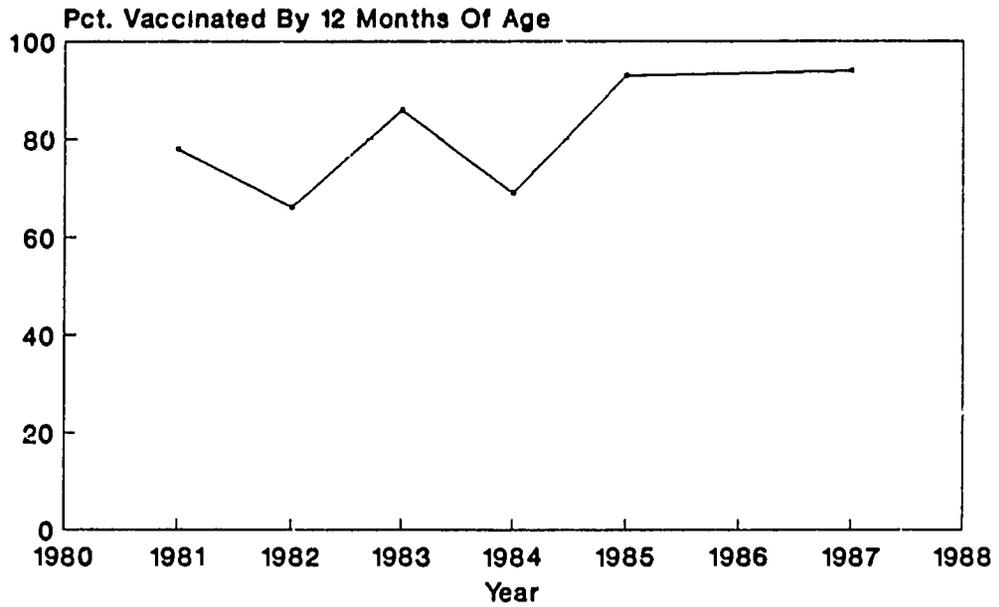


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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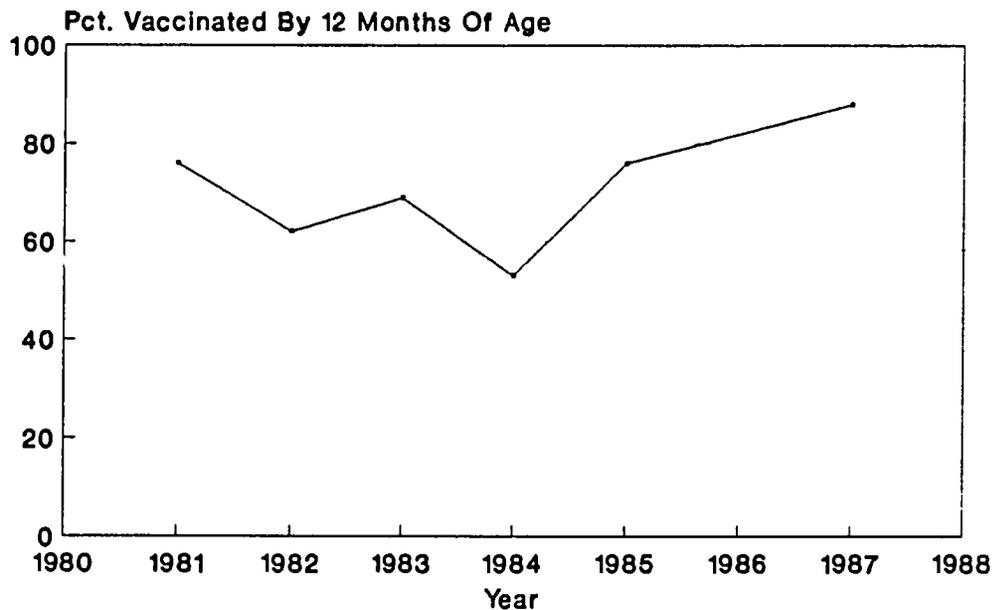
BCG VACCINATION COVERAGE RATES IN TANZANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

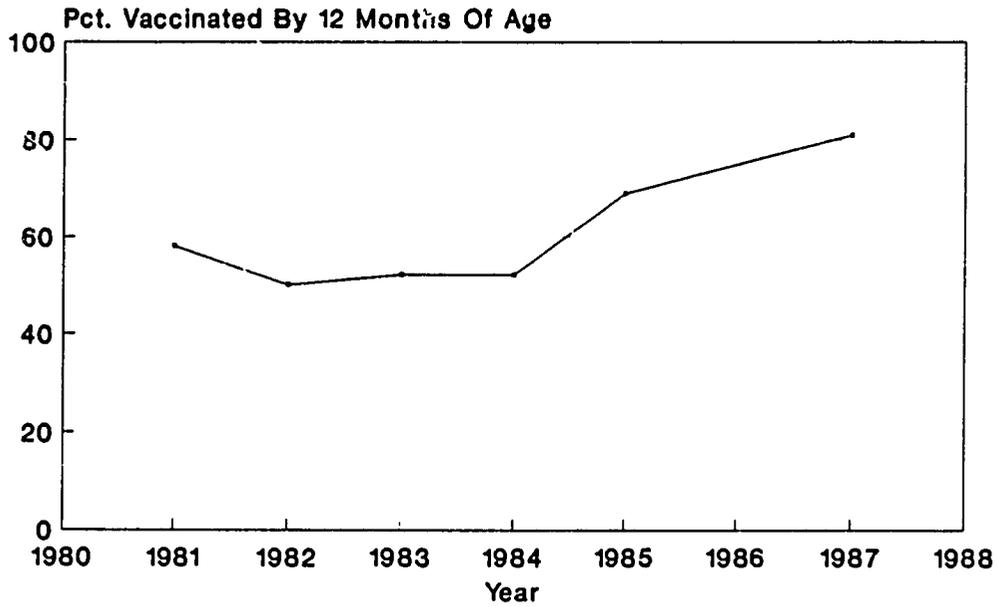
MEASLES VACCINATION COVERAGE RATES IN TANZANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

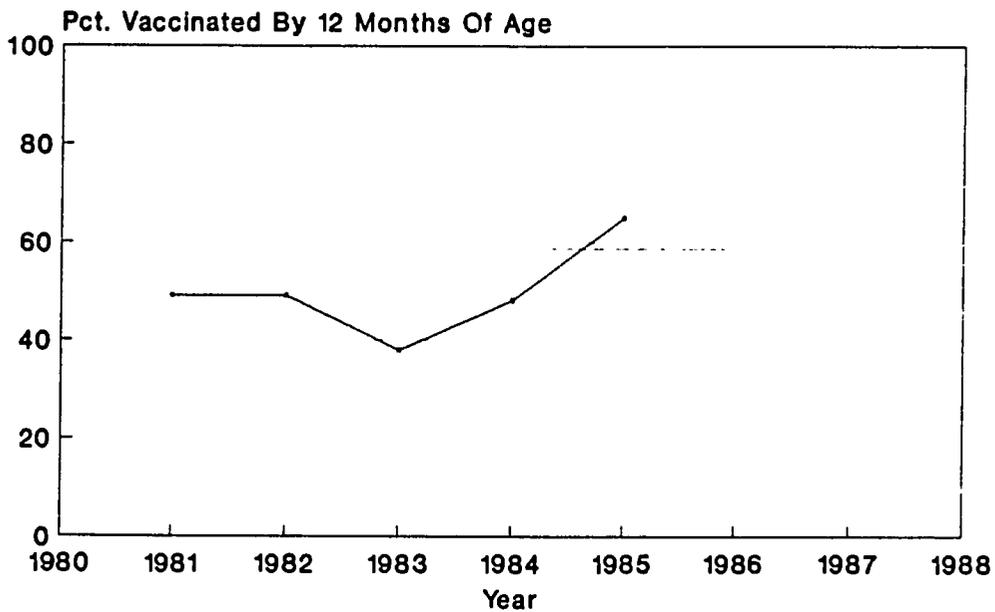
DPT III VACCINATION COVERAGE RATES IN TANZANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

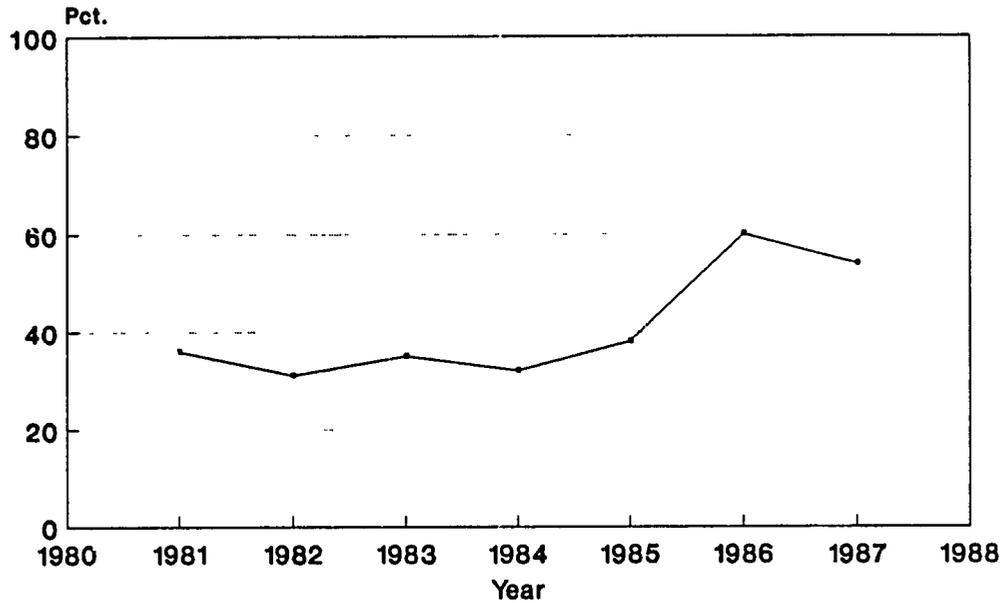
POLIO III VACCINATION COVERAGE RATES IN TANZANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

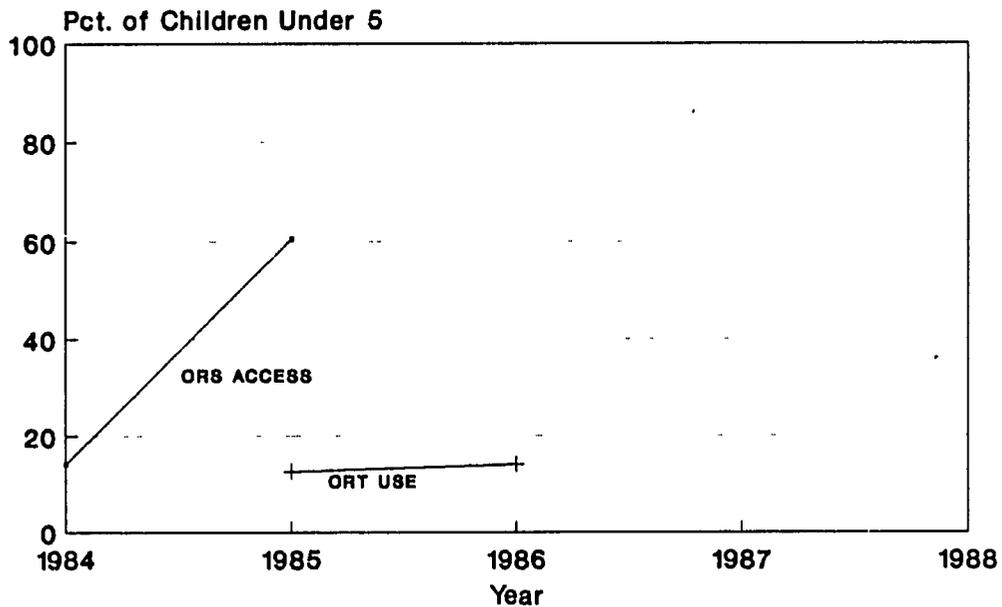
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN TANZANIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN TANZANIA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 10/1/89

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TOGO

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	3,349,000	1989	A
Infant Mortality Rate	91/1000	1989	A
Life Expectancy At Birth	54 years	1989	A
Children Under Age 1	140,000	1989	A
Annual Infant Deaths	14,000	1989	A
Total Fertility Rate	6.1	1989	A

Child Survival Indicators

Immunization Coverage

BCG	95%	1988	B
Polio III	60%	1988	B
DPT III	62%	1988	B
Measles	74%	1988	B
Tetanus II	64%	1988	B

Oral Rehydration Therapy

ORS Access Rate	56.0%	1986	C
ORT Use Rate	19.0%	1987	C

Contraceptive Prevalence N/A

Adequate Nutritional Status N/A

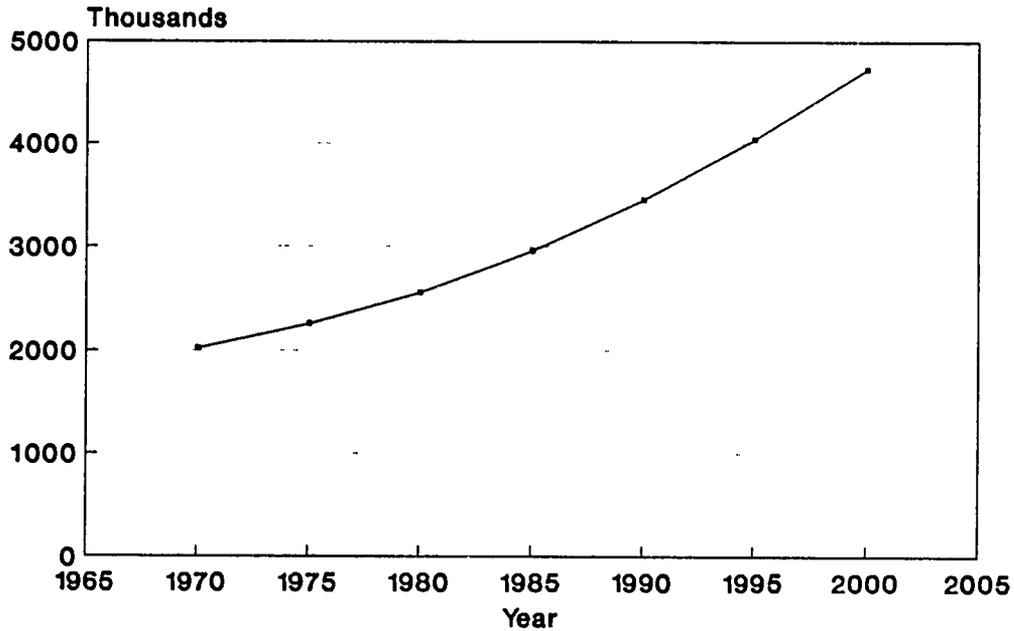
Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

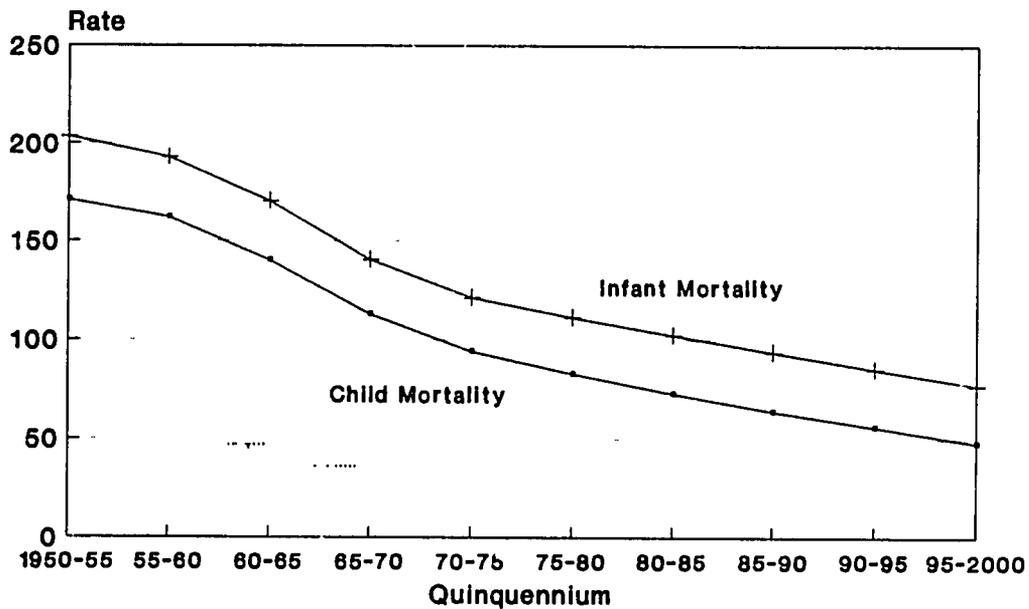
POPULATION ESTIMATES TOGO



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN TOGO

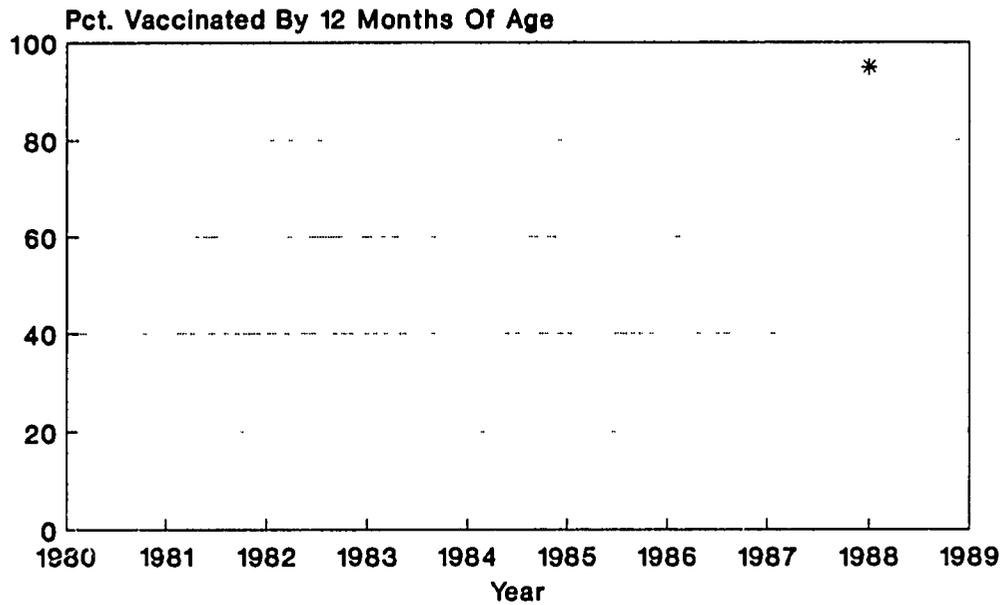


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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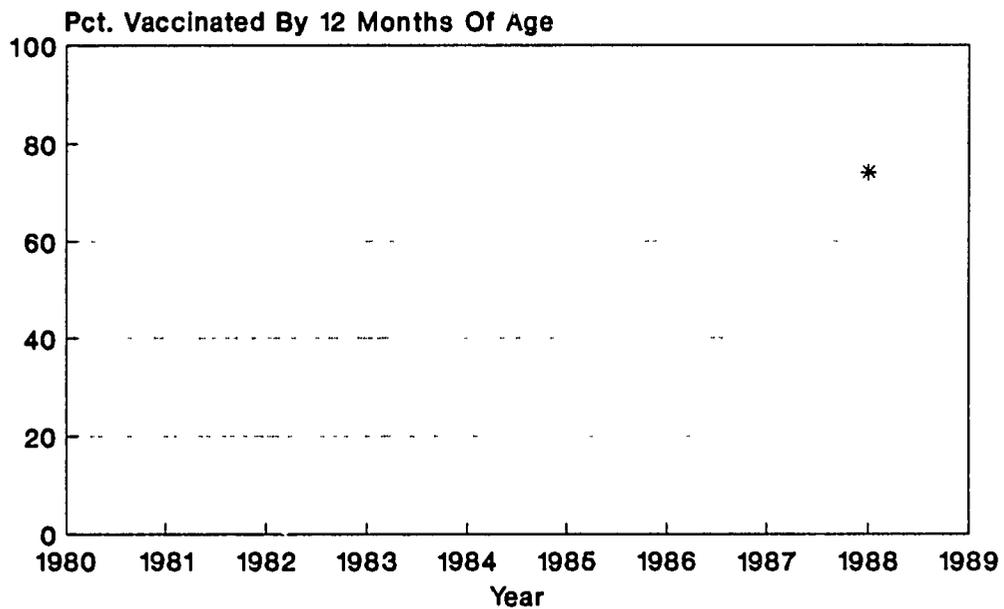
BCG VACCINATION COVERAGE RATES IN TOGO



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

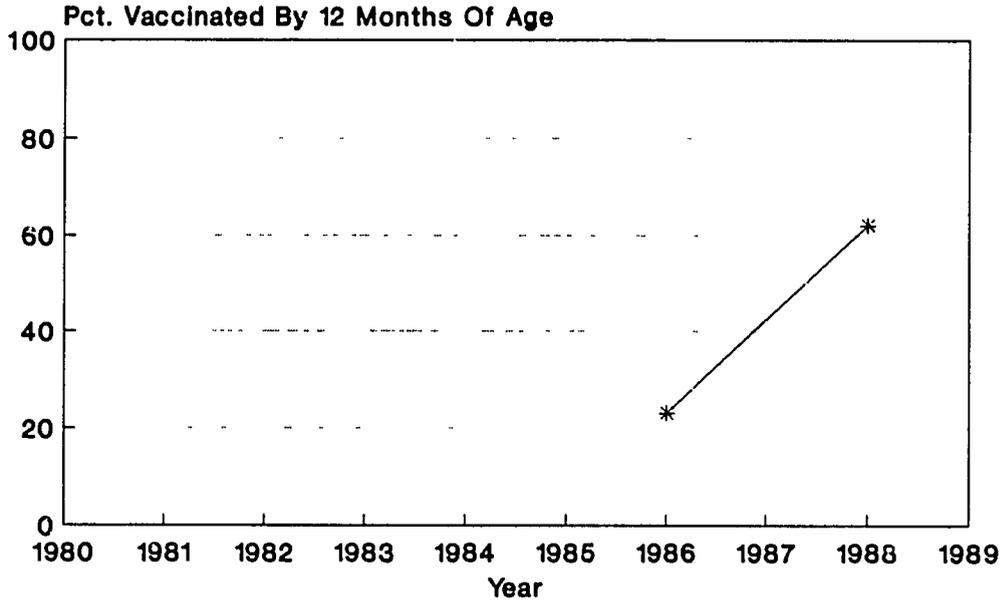
MEASLES VACCINATION COVERAGE RATES IN TOGO



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

DPT III VACCINATION COVERAGE RATES IN TOGO

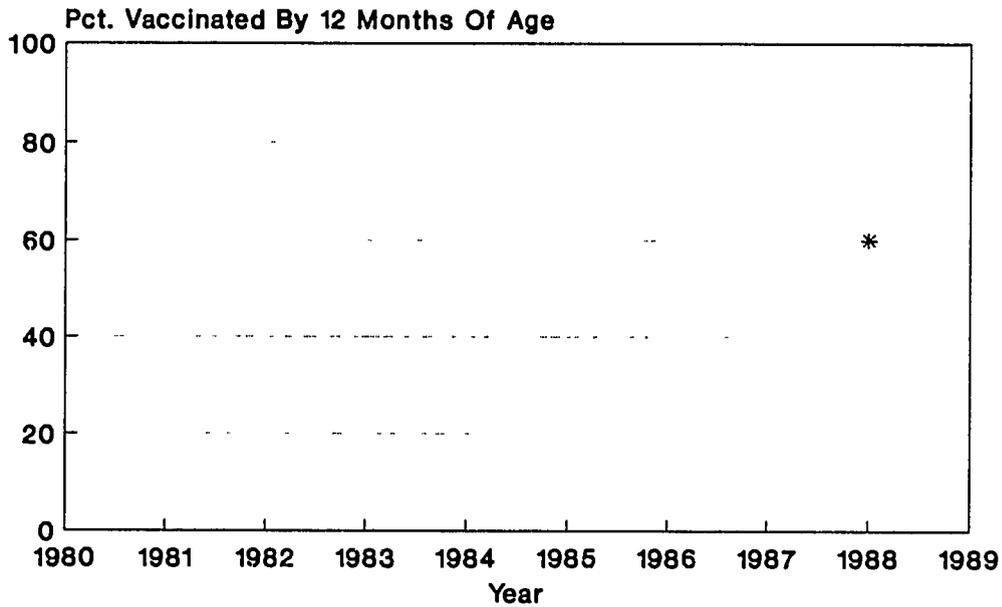


Source:

World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 10/1/89

POLIO 3 VACCINATION COVERAGE RATES IN TOGO

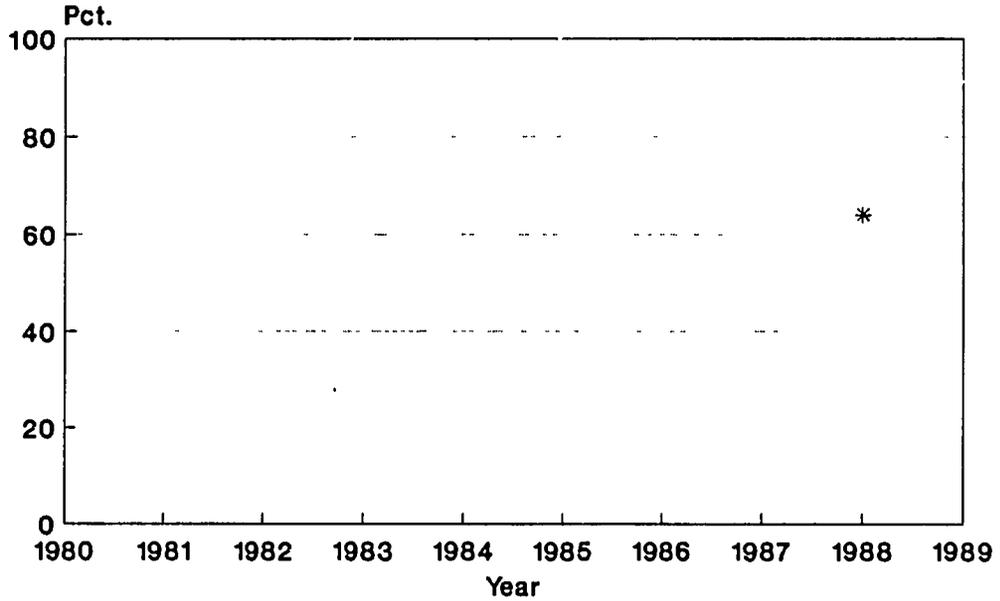


Source:

World Health Organization
Report EPI/MISC/89.2

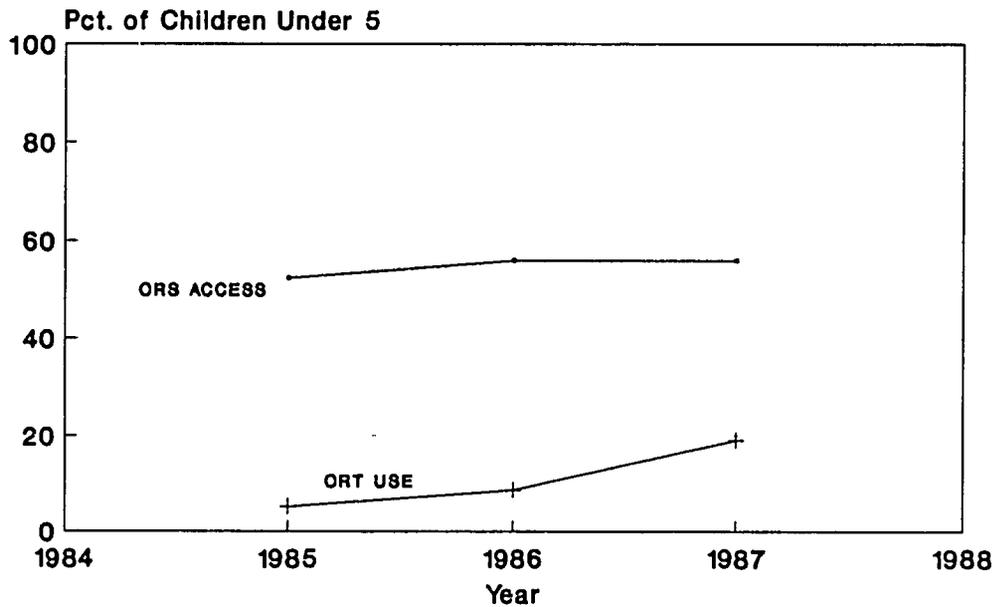
Center For International Health Information, ISTI, 10/1/89

TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN TOGO



Source:
World Health Organization
Report EPI/MISC/89.2
Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN TOGO



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

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UGANDA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	17,804,000	1989	A
Infant Mortality Rate	100/1000	1989	A
Life Expectancy At Birth	52 years	1989	A
Children Under Age 1	825,000	1989	A
Annual Infant Deaths	89,000	1989	A
Total Fertility Rate	6.9	1989	A

Child Survival Indicators

Immunization Coverage

BCG	74%	1987	B
Polio III	40%	1987	B
DPT III	39%	1987	B
Measles	48%	1987	B
Tetanus II	13%	1987	B

Oral Rehydration Therapy

ORS Access Rate	60.2%	1987	C
ORT Use Rate	5.2%	1986	C

Contraceptive Prevalence 1% 1982 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

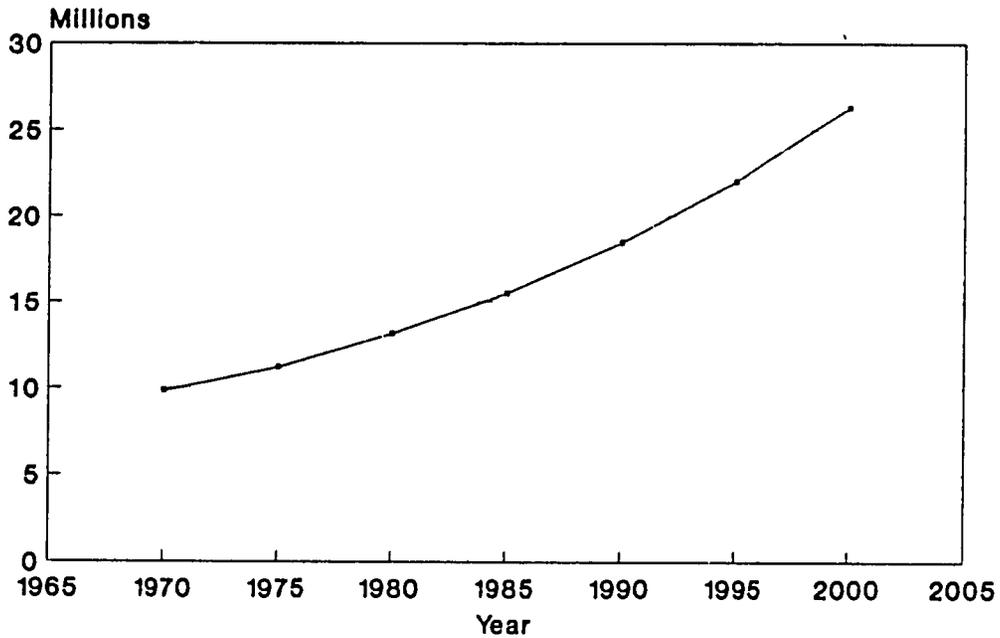
A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D Ross, John A., et. al., Family Planning and Child Survival: 100 Developing Countries, 1988, Columbia University.

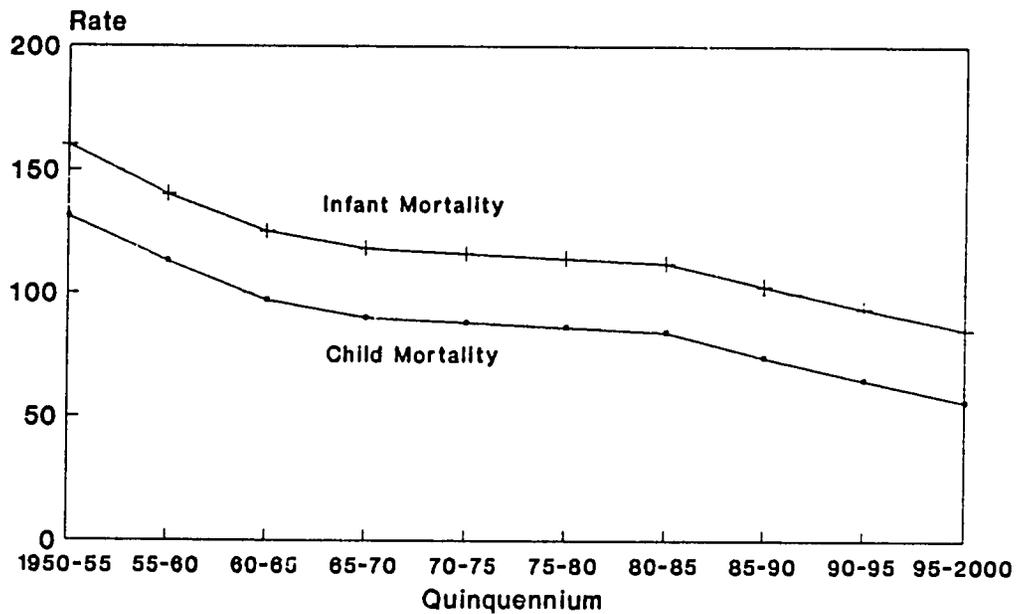
POPULATION ESTIMATES UGANDA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN UGANDA

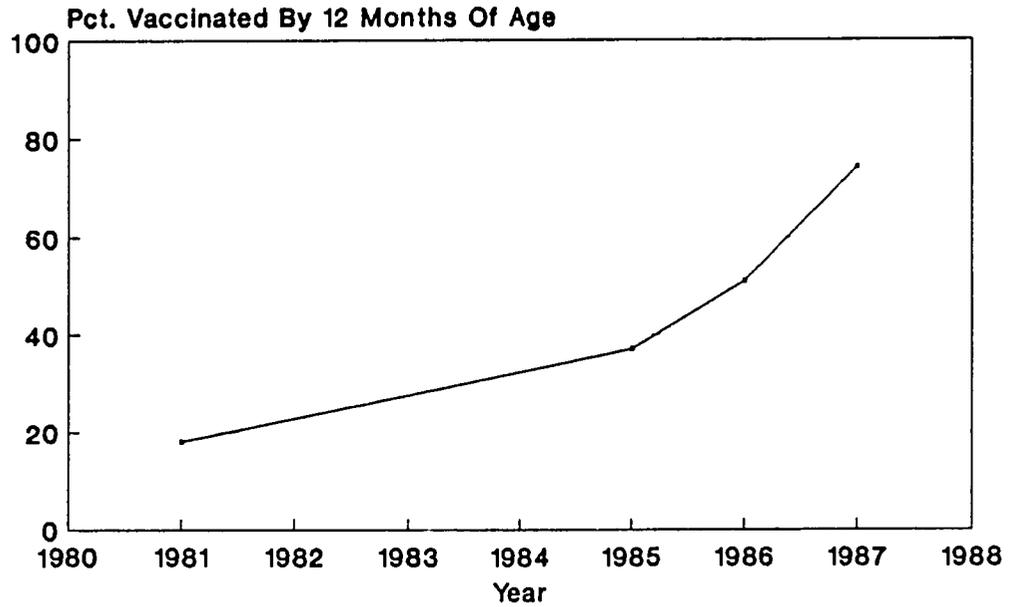


Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

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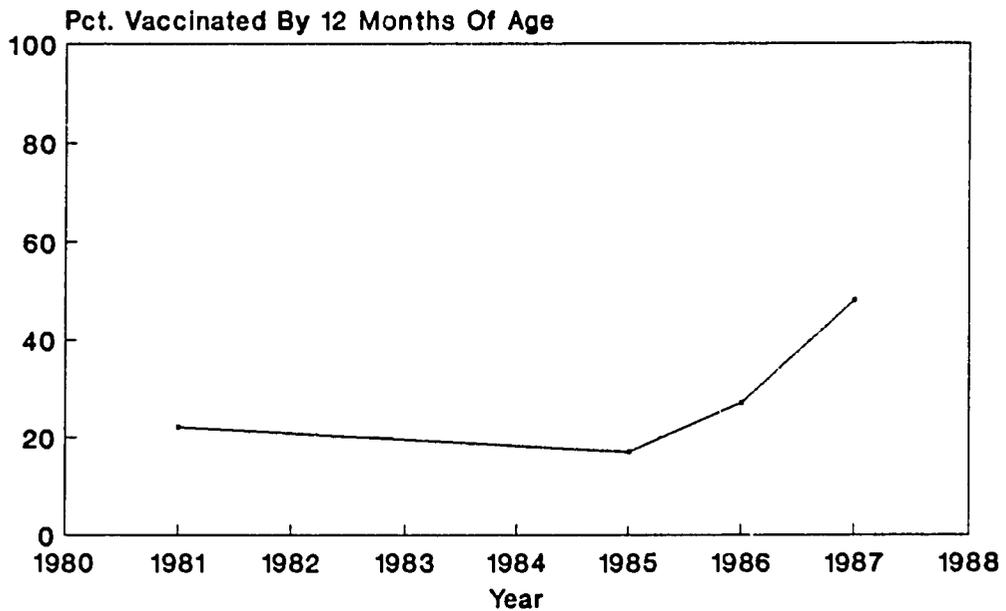
BCG VACCINATION COVERAGE RATES IN UGANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

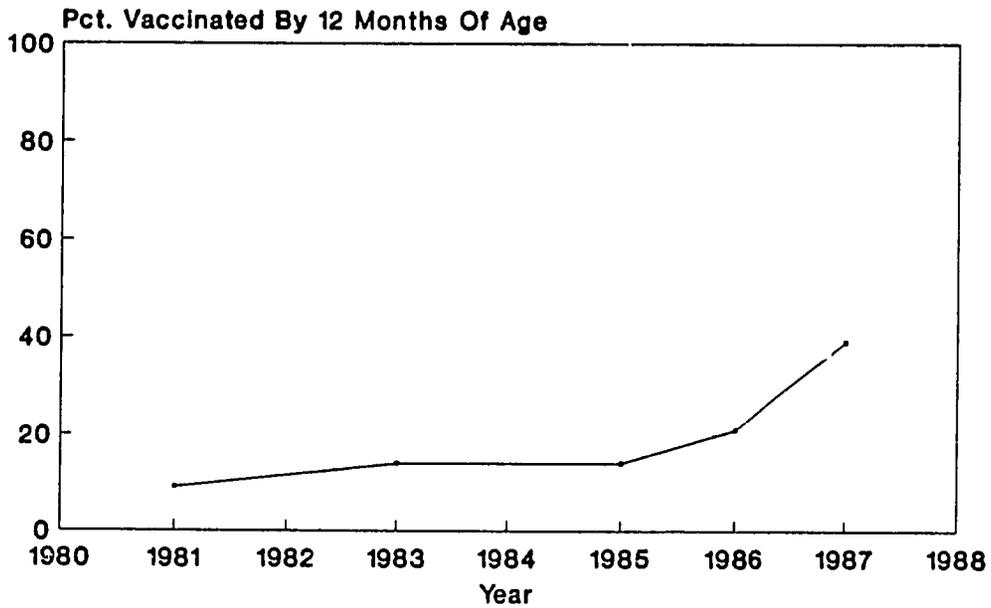
MEASLES VACCINATION COVERAGE RATES IN UGANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

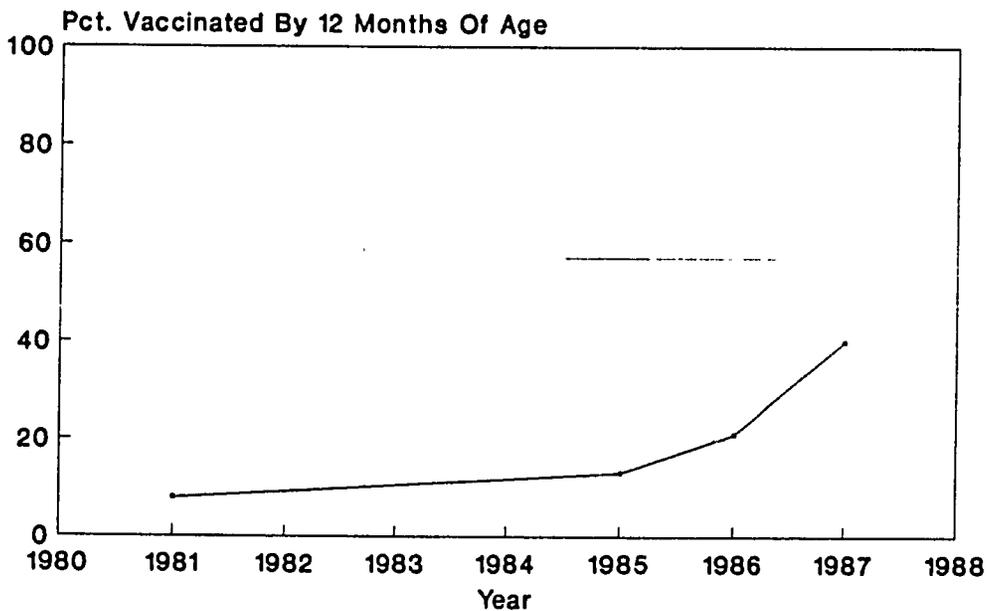
DPT III VACCINATION COVERAGE RATES IN UGANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

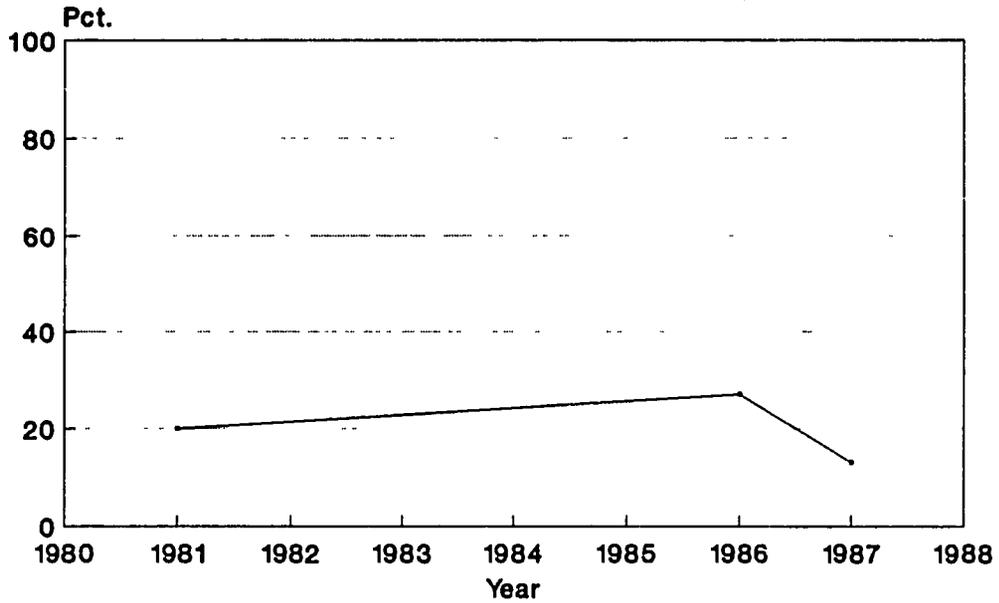
POLIO III VACCINATION COVERAGE RATES IN UGANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

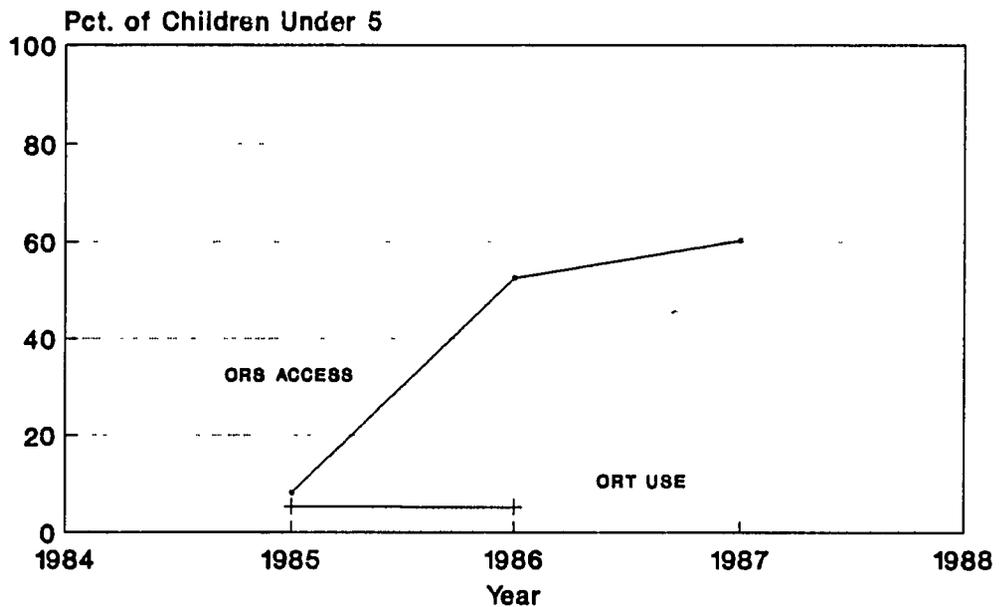
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN UGANDA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN UGANDA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

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ZAIRE

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	34,853,000	1989	A
Infant Mortality Rate	96/1000	1989	A
Life Expectancy At Birth	53 years	1989	A
Children Under Age 1	1,473,000	1989	A
Annual Infant Deaths	151,000	1989	A
Total Fertility Rate	6.1	1989	A

Child Survival Indicators

Immunization Coverage

BCG	57%	1987	B
Polio III	38%	1987	B
DPT III	38%	1987	B
Measles	41%	1987	B
Tetanus II	42%	1987	B

Oral Rehydration Therapy

ORS Access Rate	23.8%	1987	C
ORT Use Rate	10.0%	1987	C

Contraceptive Prevalence N/A

Adequate Nutritional Status N/A

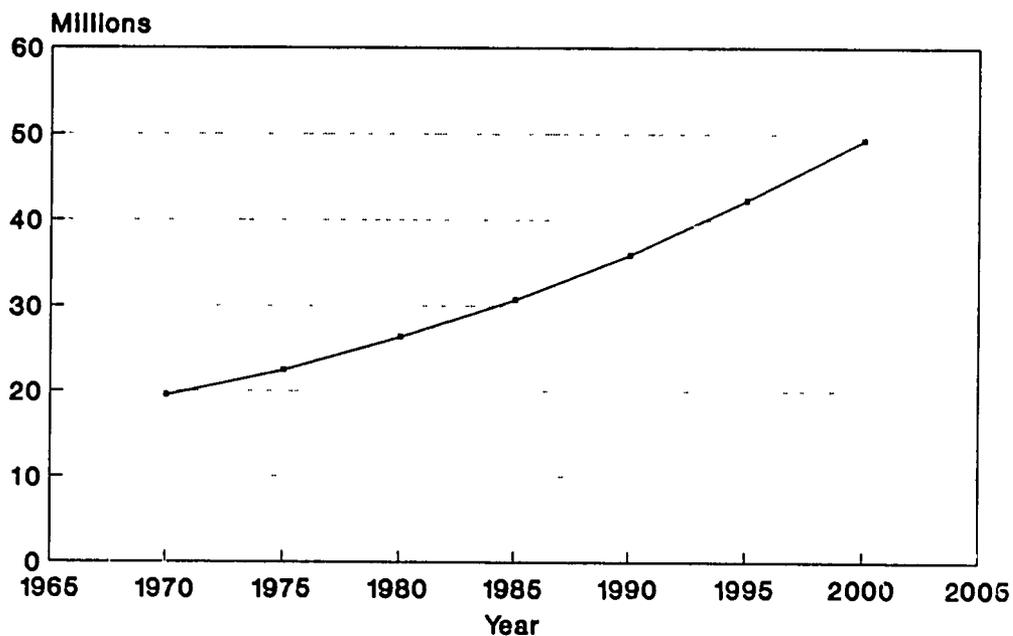
Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

B "Zaire Expanded Program On Immunization (EPI) 1987 Annual Report", as cited in A.I.D. Mission Cable/00443.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

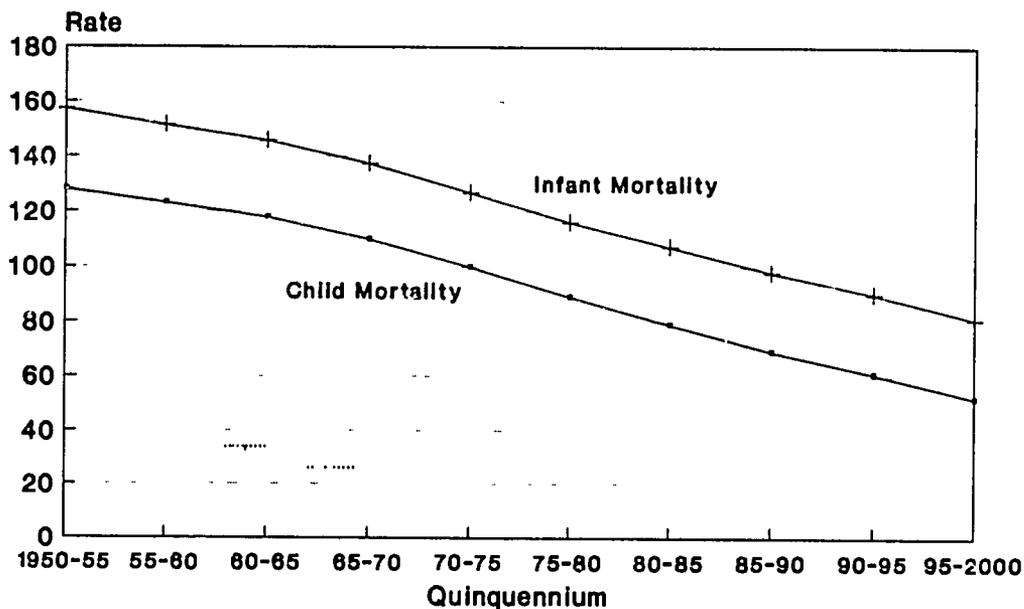
POPULATION ESTIMATES ZAIRE



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

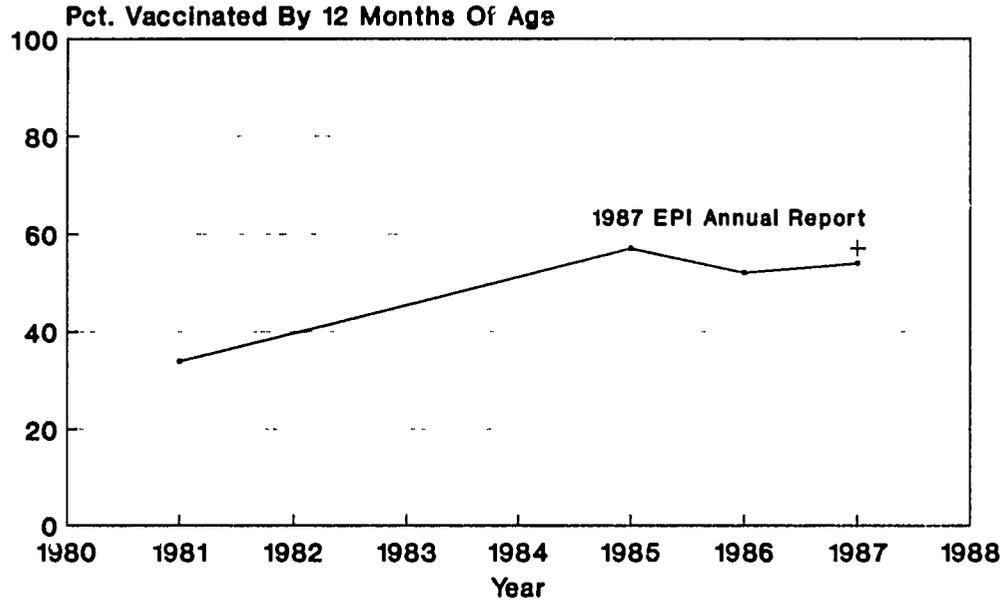
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN ZAIRE



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

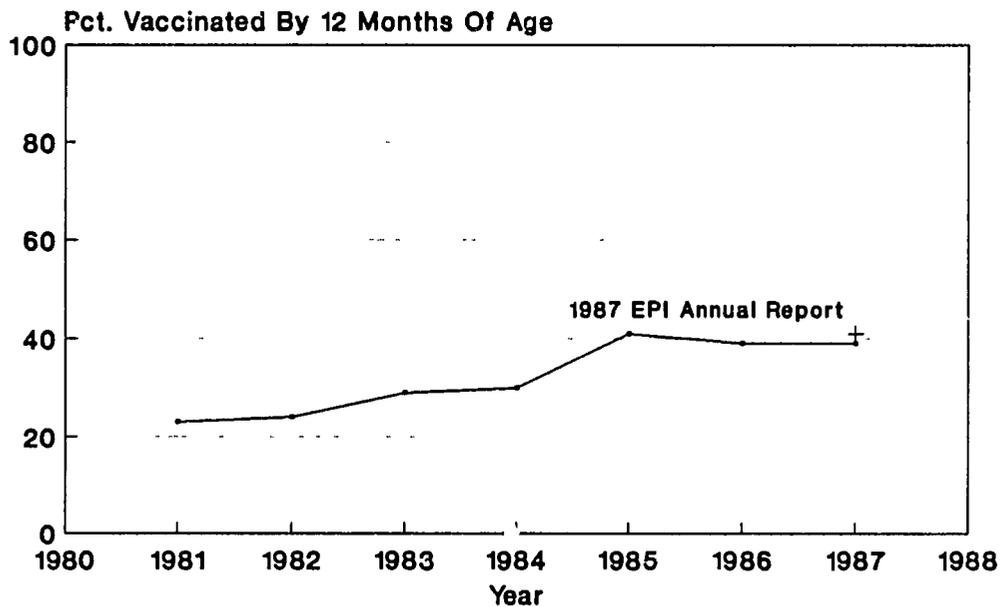
BCG VACCINATION COVERAGE RATES IN ZAIRE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

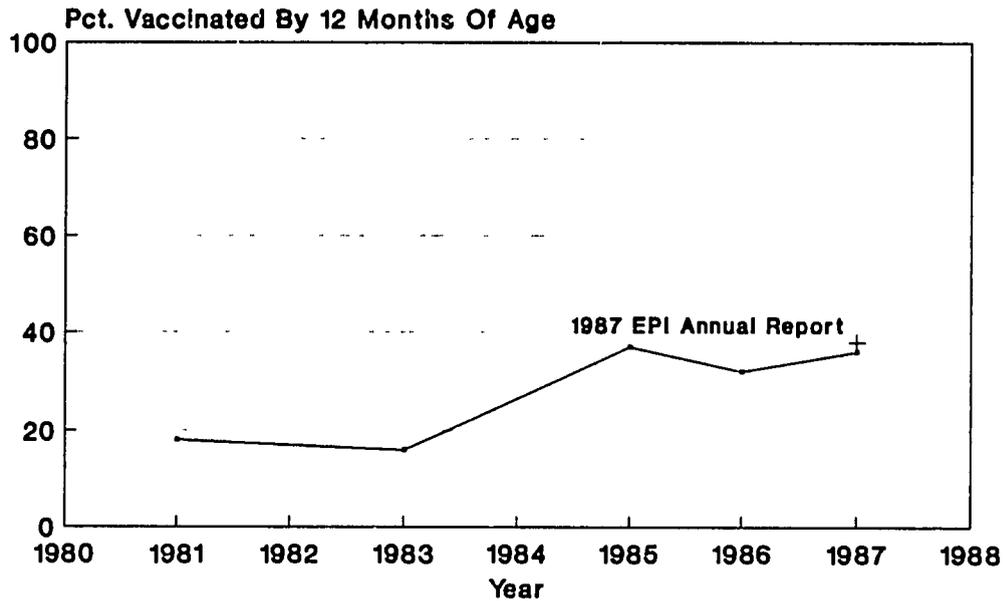
MEASLES VACCINATION COVERAGE RATES IN ZAIRE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

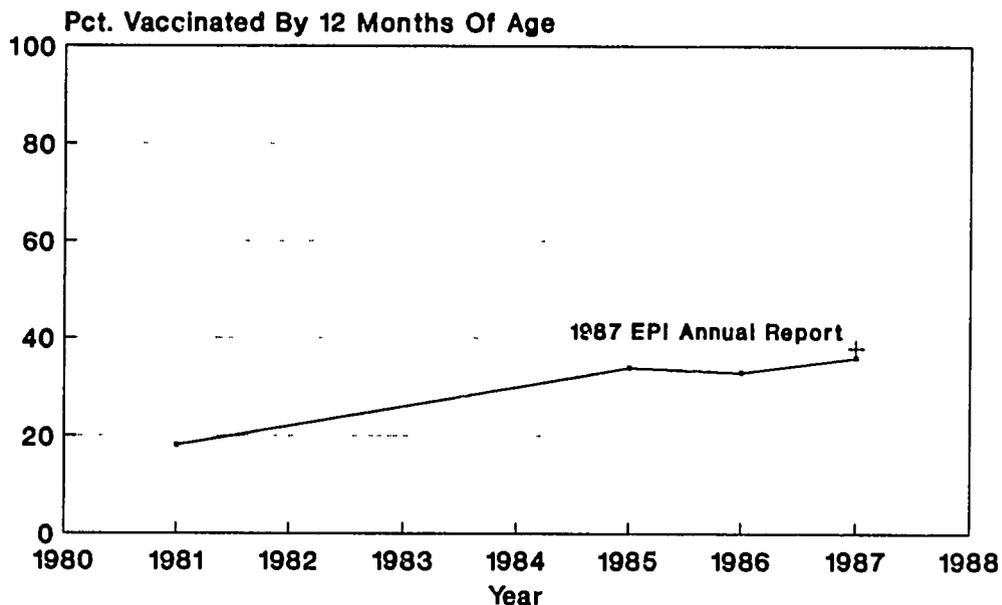
DPT III VACCINATION COVERAGE RATES IN ZAIRE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN ZAIRE

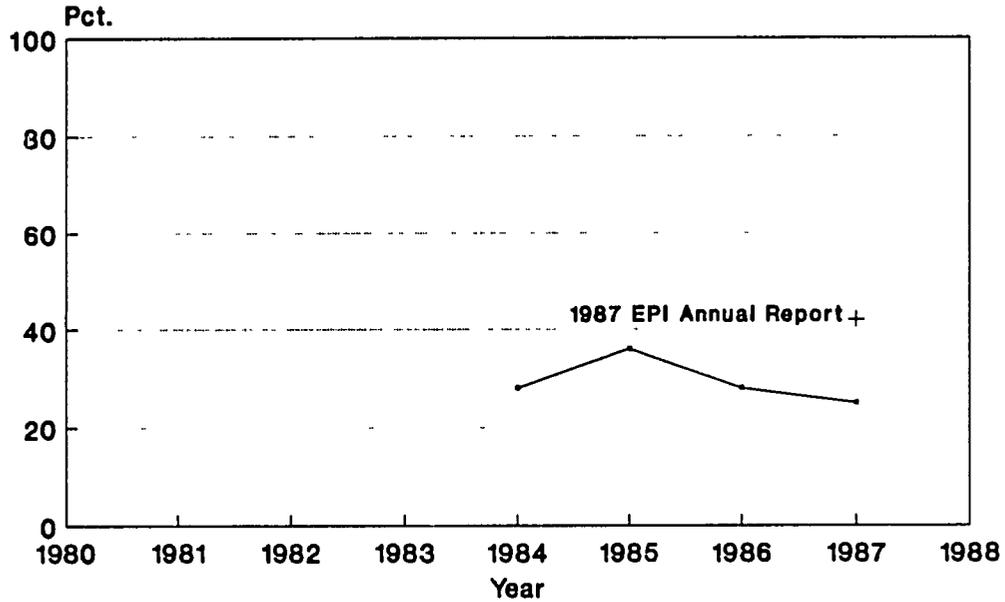


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

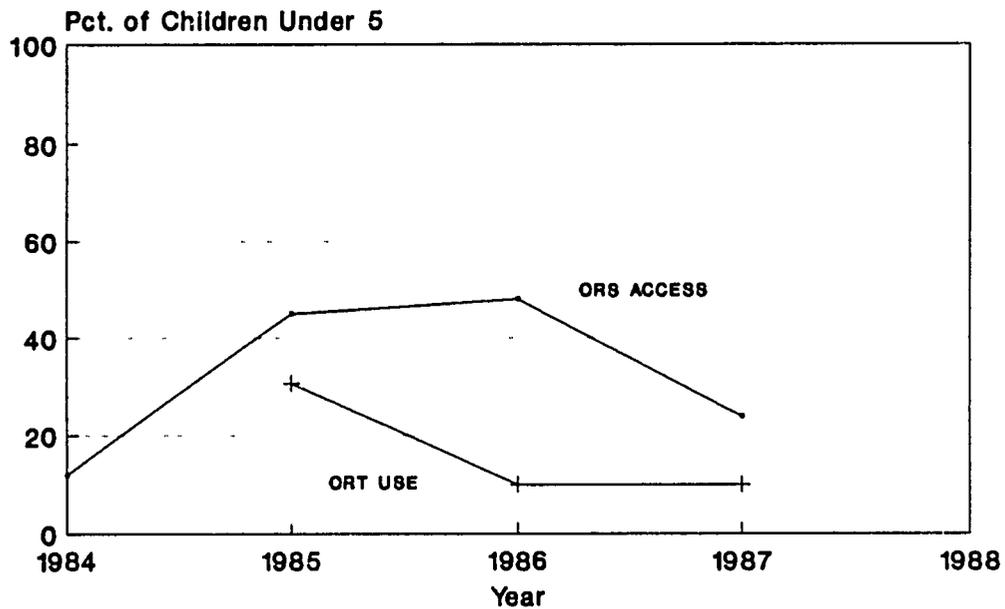
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TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN ZAIRE



Source:
 World Health Organization
 Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN ZAIRE



SOURCE: World Health Organization,
 Annual Reports of the Program for
 Control of Diarrhoeal Diseases CIHI/ISTI, 6/1/89

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October 5, 1989

ZAMBIA

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	8,148,000	1989	A
Infant Mortality Rate	78/1000	1989	A
Life Expectancy At Birth	54 years	1989	A
Children Under Age 1	390,000	1989	A
Annual Infant Deaths	32,000	1989	A
Total Fertility Rate	7.1	1989	A

Child Survival Indicators

Immunization Coverage

BCG	71%	1984	B
Polio III	50%	1984	B
DPT III	66%	1986	B
Measles	49%	1984	B
Tetanus II	N/A		

Oral Rehydration Therapy

ORS Access Rate	74.2%	1987	C
ORT Use Rate	59.0%	1987	C

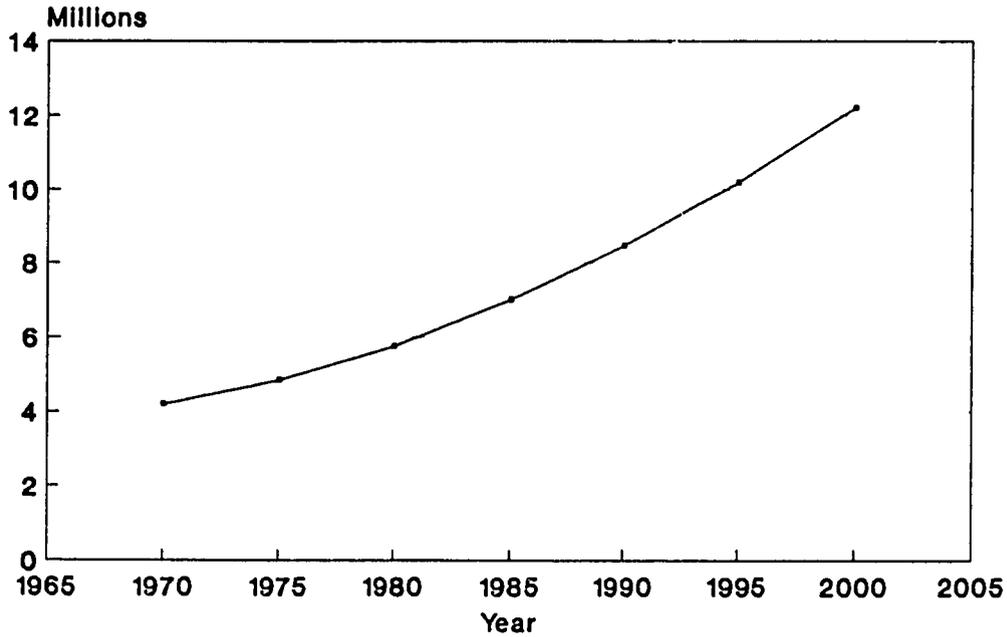
Contraceptive Prevalence 1% 1977 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

-
- A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.
- B World Health Organization Expanded Programme on Immunization, Report EPI/MISC/89.2.
- C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").
- D Ross, John A., et. al., Family Planning and Child Survival: 100 Developing Countries, 1988, Columbia University.

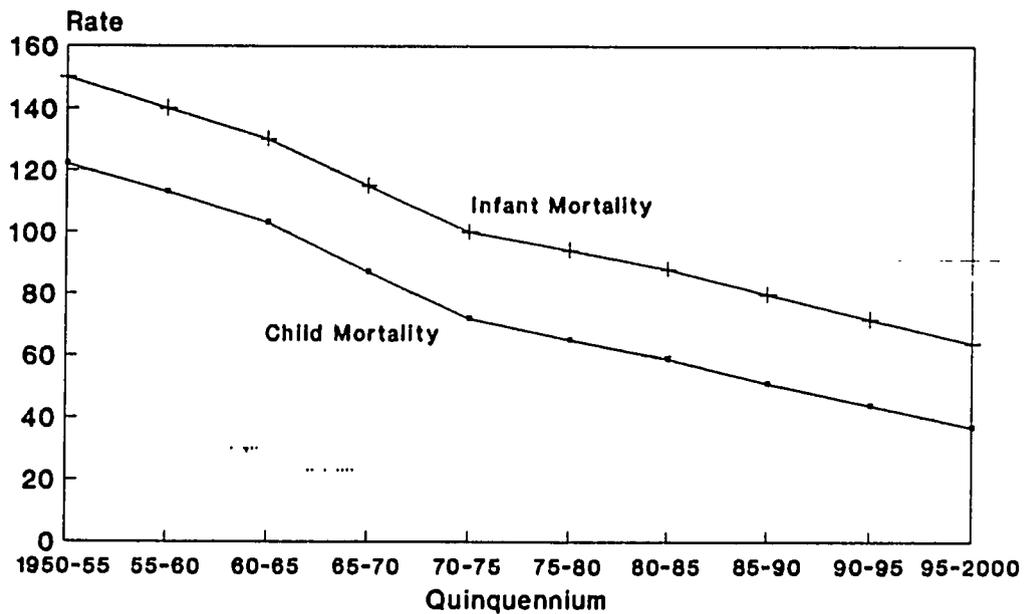
POPULATION ESTIMATES ZAMBIA



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

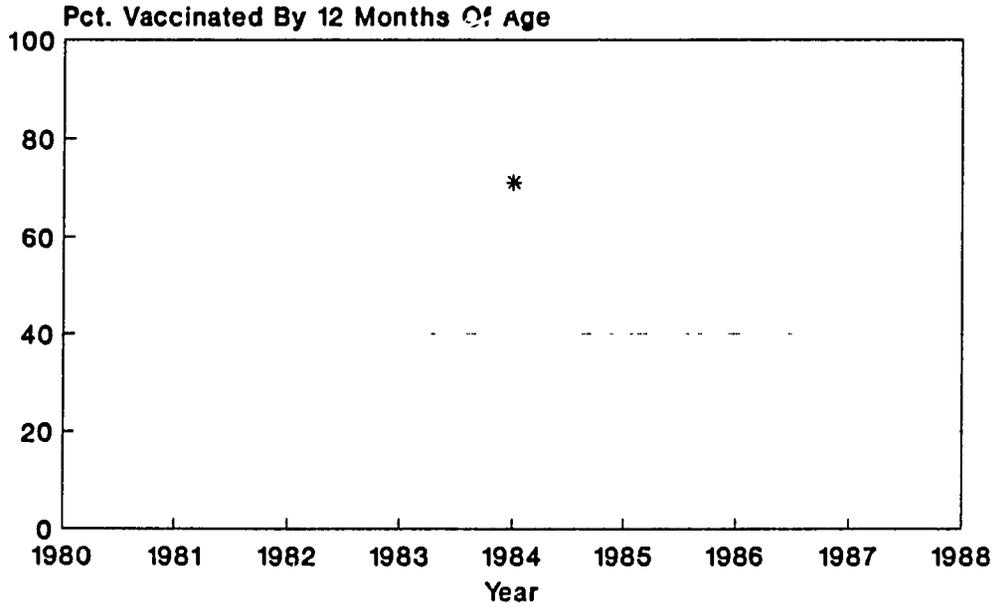
ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN ZAMBIA



Source: United Nations, 1988
1) World Population Prospects, and
2) Mortality of Children Under Age 5

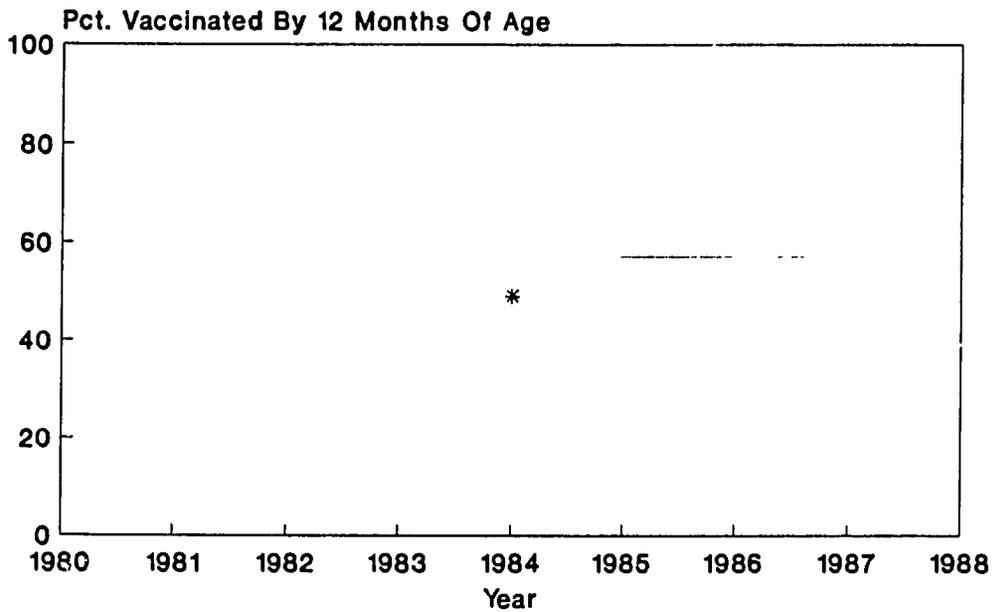
CIHI, ISTI, 7/1/89

BCG VACCINATION COVERAGE RATES IN ZAMBIA



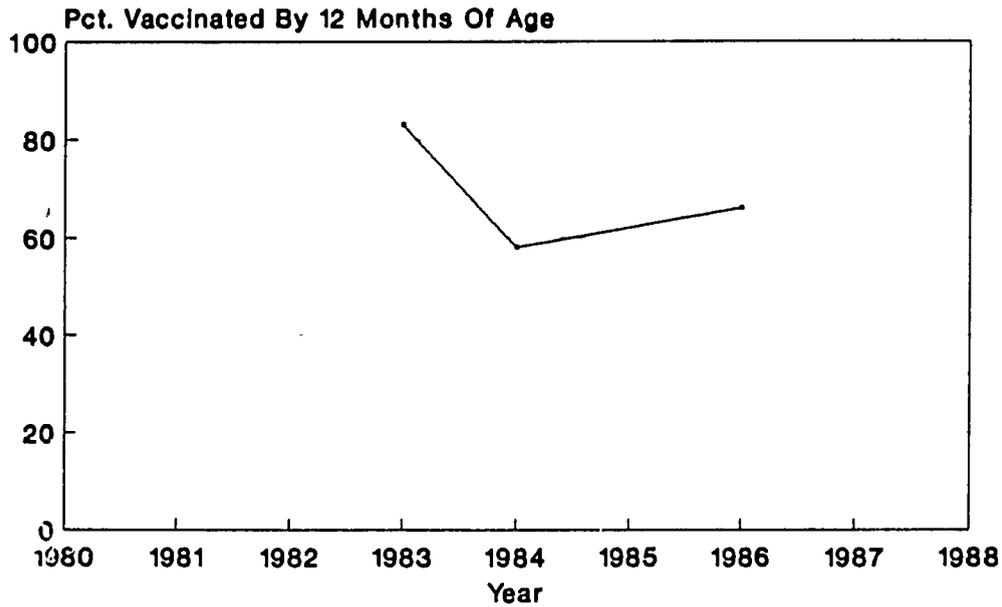
Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

MEASLES VACCINATION COVERAGE RATES IN ZAMBIA



Source:
World Health Organization
Report EPI/MISC/89.2 Center For International Health Information, ISTI, 7/1/89

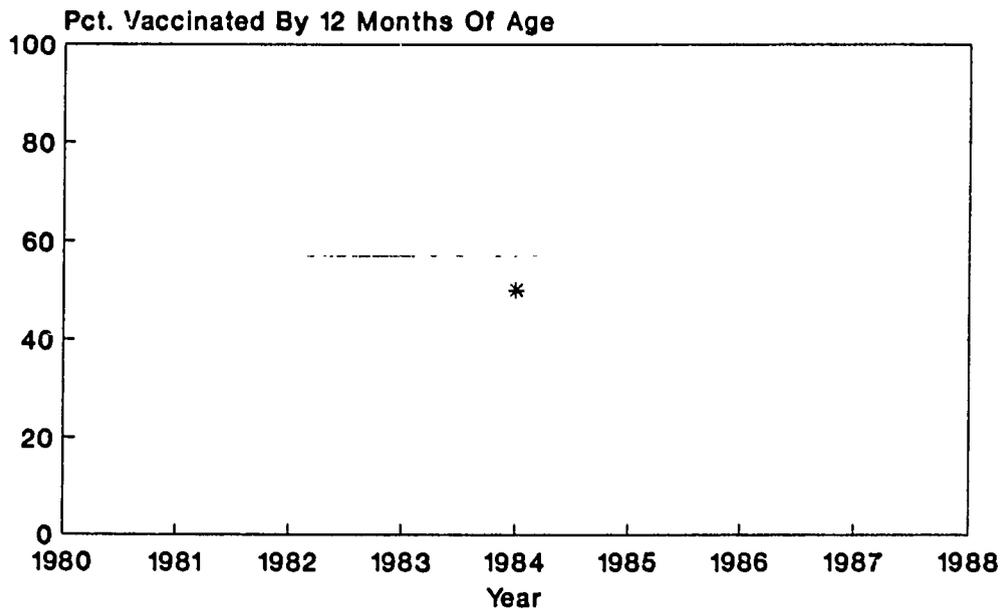
DPT III VACCINATION COVERAGE RATES IN ZAMBIA



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

POLIO III VACCINATION COVERAGE RATES IN ZAMBIA

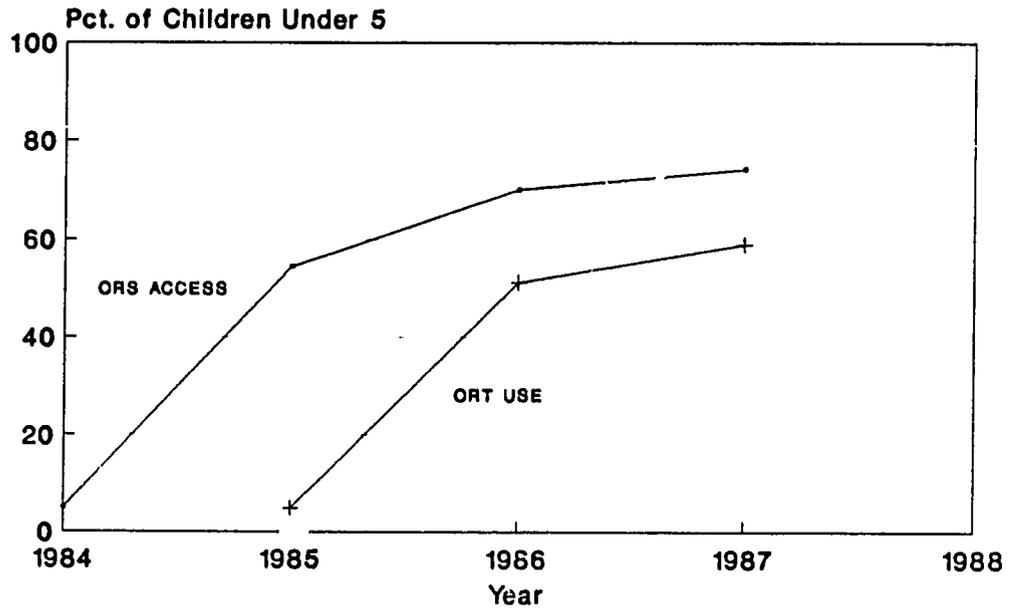


Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

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ORS ACCESS AND ORT USE RATES IN ZAMBIA



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

October 5, 1989

ZIMBABWE

THE MOST CURRENT VALUES FOR SELECTED INDICATORS

<u>Demographic Indicators</u>	<u>Value</u>	<u>Year</u>	<u>Source</u>
Total Population	9,419,000	1989	A
Infant Mortality Rate	70/1000	1989	A
Life Expectancy At Birth	59 years	1989	A
Children Under Age 1	369,000	1989	A
Annual Infant Deaths	27,000	1989	A
Total Fertility Rate	5.6	1989	A

Child Survival Indicators

Immunization Coverage

BCG	85%	1987	B
Polio III	81%	1986	B
DPT III	77%	1987	B
Measles	73%	1987	B
Tetanus II	46%	1987	B

Oral Rehydration Therapy

ORS Access Rate	13.0%	1986	C
ORT Use Rate	25.7%	1986	C

Contraceptive Prevalence 38% 1984 D

Adequate Nutritional Status N/A

Appropriate Infant Feeding N/A

A World Population Prospects: 1988, prepared by the Estimates and Projections Section of the Population Division of the Department of International Economic and Social Affairs, United Nations.

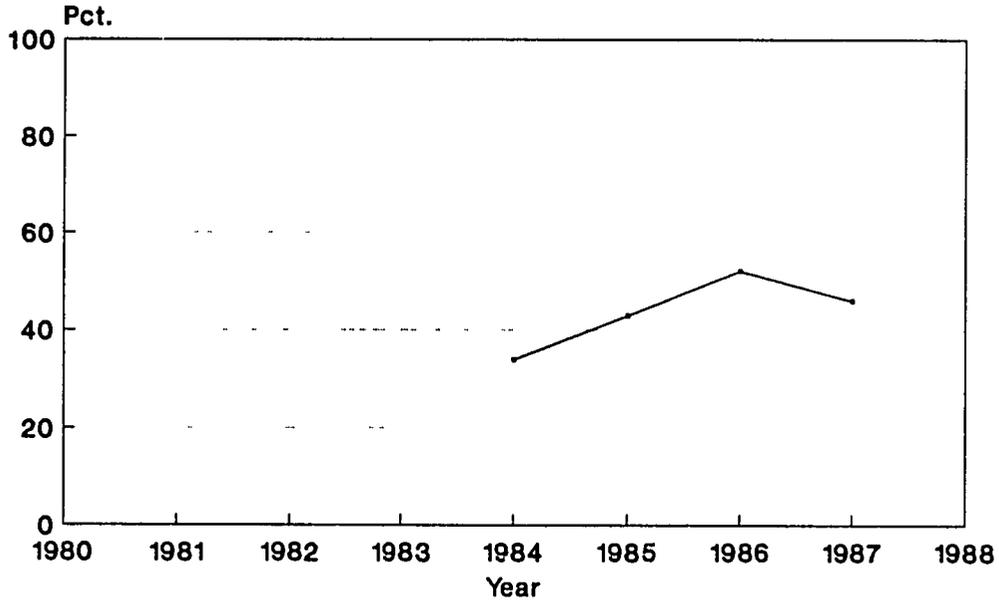
B World Health Organization Expanded Programme on Immunization, Report EFI/MISC/89.2.

C World Health Organization, Diarrhoeal Disease Control Programme, Interim Programme Report, 1988, Report WHO/CDD/89.31 (an advanced copy marked "DRAFT").

D United Nations, Population Division, World Contraceptive Use (New York, United Nations, 1987).

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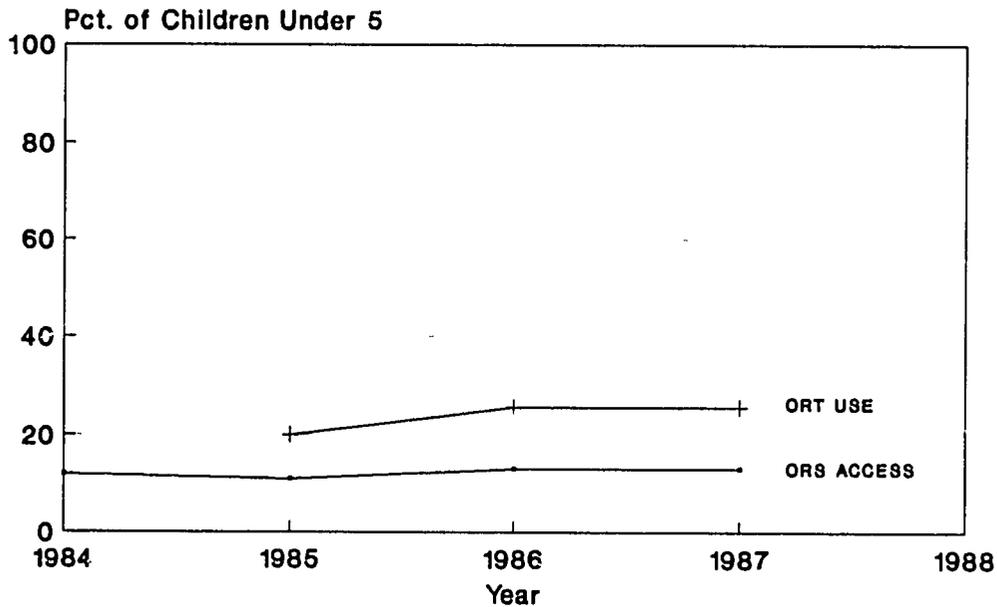
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN ZIMBABWE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN ZIMBABWE

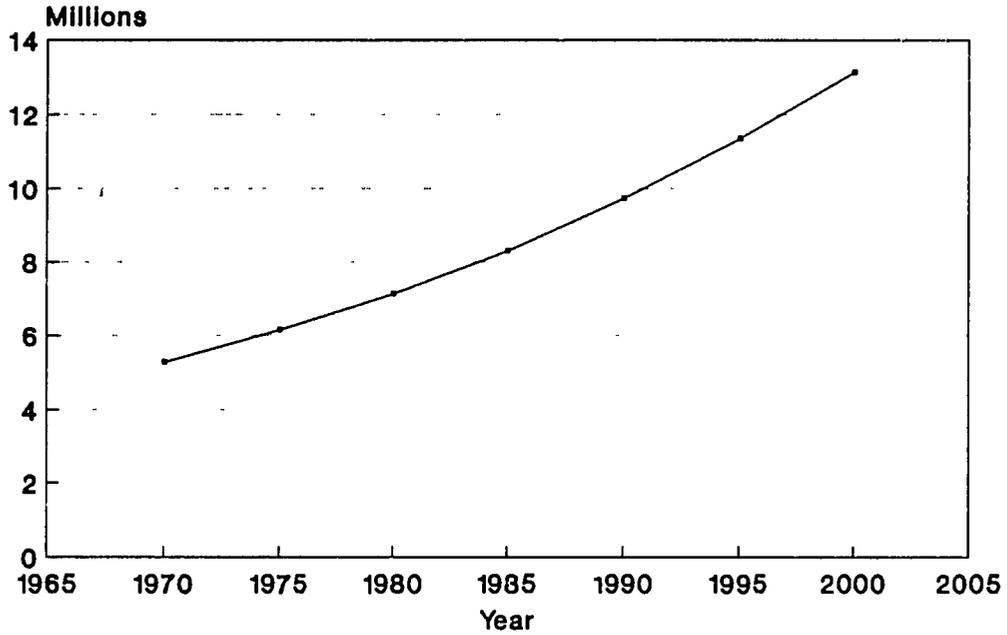


SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 6/1/89

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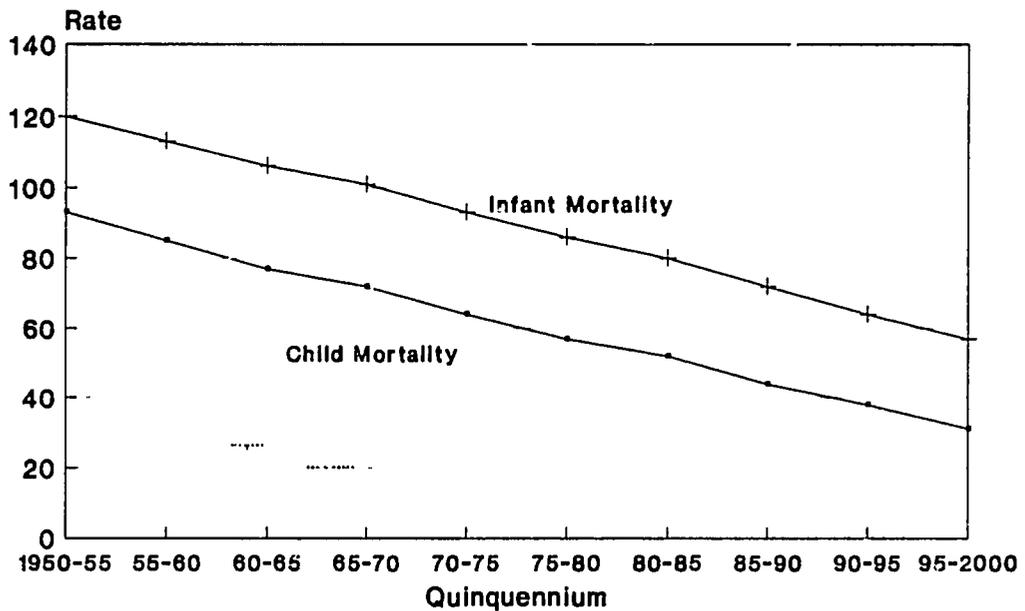
POPULATION ESTIMATES ZIMBABWE



Source: United Nations,
World Population Prospects, 1988

CIHI, ISTI, 7/1/89

ESTIMATES OF INFANT AND CHILD MORTALITY RATES IN ZIMBABWE

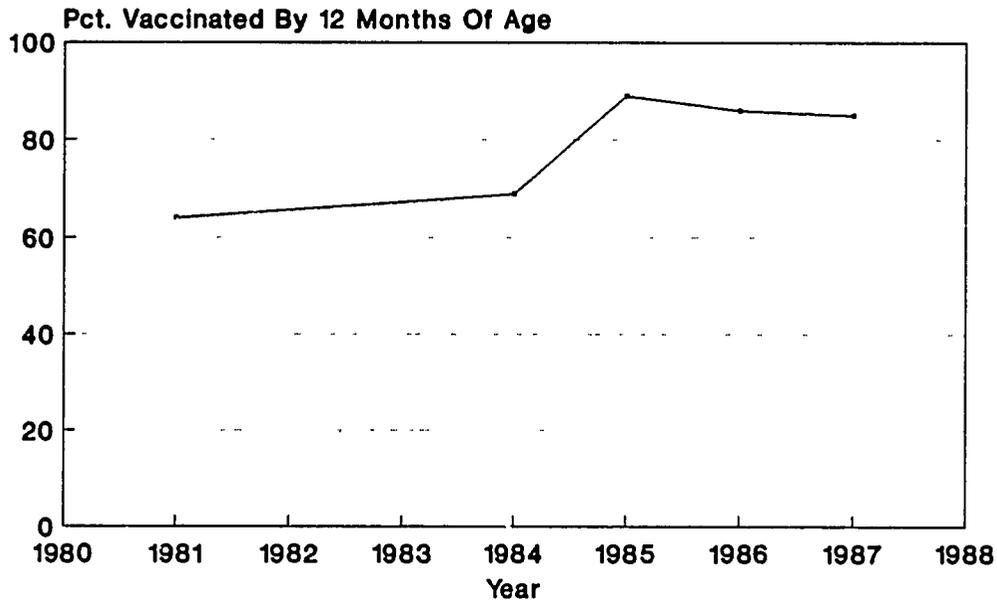


Source: United Nations, 1988

1) World Population Prospects, and
2) Mortality of Children Under Age 5

CIHI, ISTI, 7/1/89

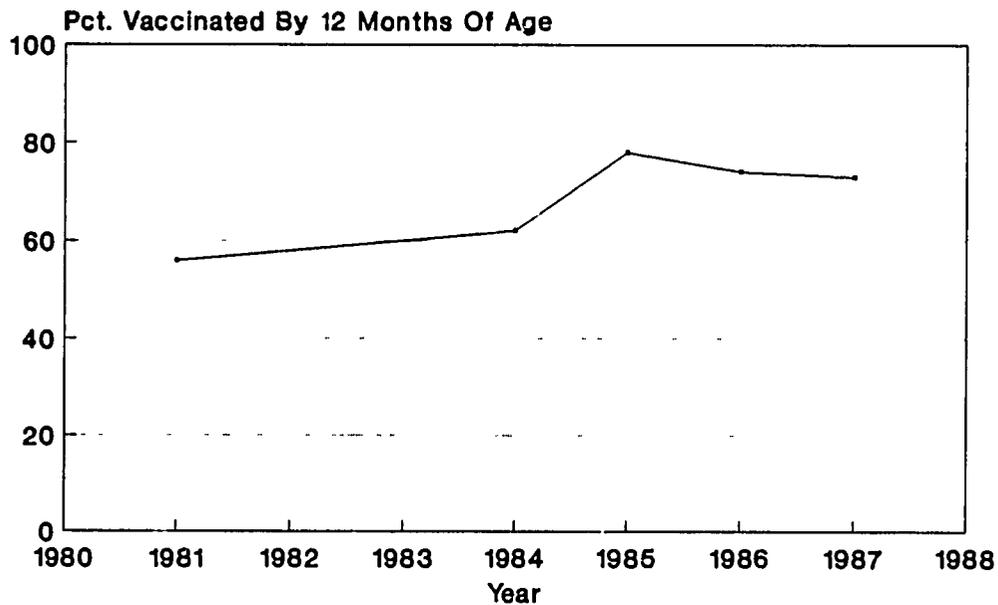
BCG VACCINATION COVERAGE RATES IN ZIMBABWE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

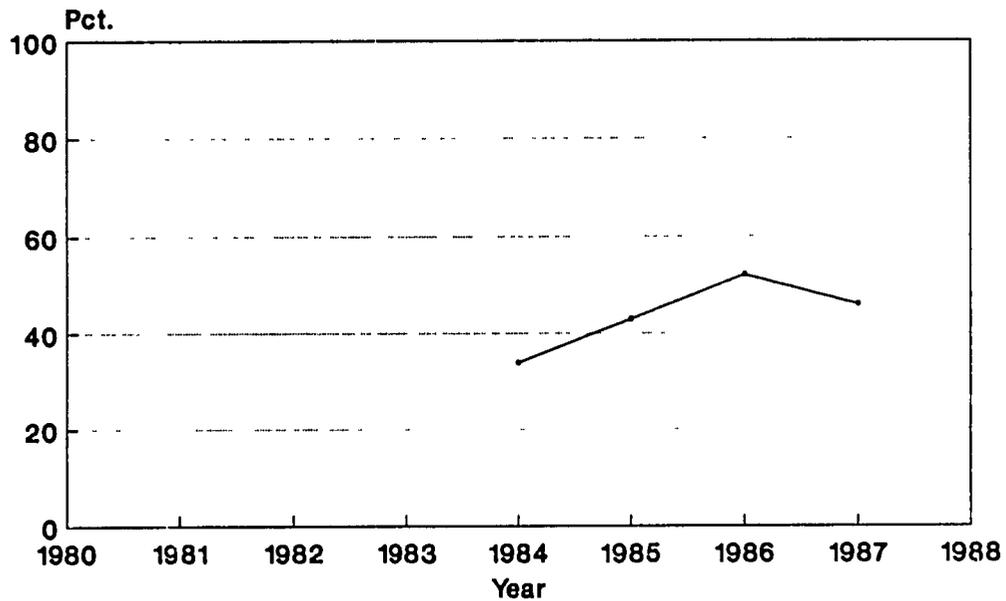
MEASLES VACCINATION COVERAGE RATES IN ZIMBABWE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

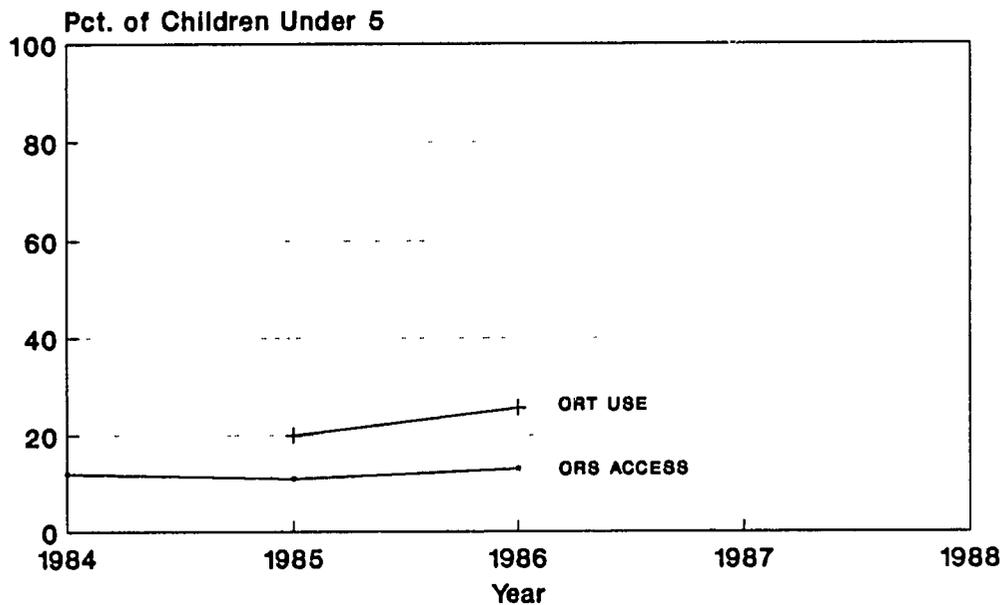
TETANUS II VACCINATION COVERAGE RATES IN PREGNANT WOMEN IN ZIMBABWE



Source:
World Health Organization
Report EPI/MISC/89.2

Center For International Health Information, ISTI, 7/1/89

ORS ACCESS AND ORT USE RATES IN ZIMBABWE



SOURCE: World Health Organization,
Annual Reports of the Program for
Control of Diarrhoeal Diseases

CIHI/ISTI, 10/1/89

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