

San Diego County, CA

Rx for Child Survival — A Global Health Challenge™



Across the world, nearly **11 million children die every year before reaching their fifth birthday**. More than a third of these deaths occur in the first month of life. The majority of the remaining childhood deaths are due to pneumonia, diarrheal disease, malaria, and measles. Many deaths are associated with underlying poor nutrition.

Of the 3,000 child deaths that occur each day, **over 60 percent might have been prevented with basic, inexpensive prevention and treatment** measures such as:

- Vaccines;
- Antibiotics;
- Insecticide-treated bed nets;
- Oral rehydration therapy;
- Micronutrients.

A child who loses a mother is also at greater risk of dying. **Every minute of every day** a woman dies from causes related to pregnancy and birth. Access to **low-cost technologies** and **adequate care** during pregnancy could save the lives of half a million mothers and prevent many of the nearly 4 million deaths that occur in the first month of life.

Rx for Child Survival™ (see details on back) aims to assure that these life-saving measures are available and affordable to every family.



Indicator	Mali*	San Diego County*
Population	13,007,000	2,828,365
Life Expectancy	46 (F) / 44 (M)	82 (F)/ 77 (M)
Maternal Deaths	1,200 per 100,000 live births	11 per 100,000 live births
Population Under Age 5	20%	7%
Child Deaths Under Age 5	220 per 1,000 live births	5.4 per 1,000 live births
Infant Deaths	113 per 1,000 live births	4.5 per 1,000 live births
Immunization Rate	51%	83%
Prenatal Care	25%	87%
Low Birth Weight	23%	6%

*For more detailed local data see opposite side

IN COMPARISON WITH ONE OF THE POOREST COUNTRIES IN THE WORLD:

- Women are **110 times more likely** to die of pregnancy-related causes in Mali than in San Diego County.
- In Mali, children under five are more than **40 times as likely** to die as children in San Diego County.
- An infant in Mali is **25 times more likely** to die in its first year of life than in San Diego County.
- In Mali, the percentage of low birth weight babies is **nearly four times that** in San Diego County.



Indicator	San Diego County*	California*	US*
POPULATION	2,828,365	34,650,690	296,363,969
White	73.8%	66.2%	76.2%
Black or African American	5.4%	6.2%	12.1%
Asian	9.9%	11.9%	4.2%
Other	10.9%	15.6%	7.6%
LIFE EXPECTANCY	81.6 (F)/ 77.2 (M)	82 (F)/ 77.2 (M)	79.9 (F) / 74.5 (M)
White	n/a	n/a	80.3(F) /75.1(M)
Black or African American	n/a	n/a	75.6(F) / 68.8(M)
MATERNAL MORTALITY RATIO	10.5 /100,000 live births	11 /100,000 live births	8.9 /100,000 live births
POPULATION UNDER 5	7.4%	7.3%	7.0%
UNDER 5 CHILD MORTALITY RATE	5.4 /1,000 live births	6.2 /1,000 live births	8 /1,000 live births
INFANT MORTALITY RATE	4.5 /1,000 live births	5.4 /1,000 live births	6.9 /1,000 live births
White	4.1 /1,000 live births	5 /1,000 live births	5.7 /1,000 live births
Black or African American	14.4 /1,000 live births	12.9 /1,000 live births	14 /1,000 live births
IMMUNIZATION RATE	83.1%	77.0%	78.0%
PRENATAL CARE	86.8%	86.4%	83.7%
White	92.1%	90.4%	88.6%
Black or African American	82.6%	83.0%	75.2%
Hispanic	82.8%	84.1%	76.7%
LOW BIRTH WEIGHT BABIES	6.1%	6.4%	7.8%
White	5.7%	6.0%	6.8%
Black or African American	11.3%	11.6%	13.3%
Hispanic	5.3%	5.8%	6.5%

*Data sources include: CDC/NCIS, MMWR, Kaiser Family Foundation, and State/Local Departments of Health
For more detailed sources please visit www.globalhealth.org

INDICATORS	DEFINITIONS
Life Expectancy	average age to which a newborn is expected to live.
Maternal Mortality Ratio	maternal deaths per 100,000 live births.
Under 5 Mortality Rate**	deaths for children ages 0-5 per 1,000 live births.
Infant Mortality Rate	infant deaths (under 1 year of age) per 1,000 live births.
Immunization Rate***	Percentage (%) of children age 19-35 months immunized with four or more doses of diphtheria, tetanus, and pertussis (DTP), three or more doses of poliovirus vaccine, one or more doses of any measles containing vaccine (MCV), three or more doses of Haemophilus Influenza type B (Hib), and three or more doses of hepatitis B vaccine (HepB); immunization rate for developing country defined as percentage of children under age 1 immunized with 3 doses of DTP.
Prenatal Care	Percentage (%) of mothers beginning prenatal care in their first trimester.
Low Birth Weight Babies	Percentage (%) of live births with birth weight of less than 2,500 grams (5 lb 8 oz).
**under 5 mortality rate for state data defined as deaths for children ages 0-4 per 1,000 live births.	
***immunization rate for local data was defined as % of kindergarteners receiving 4DTP, 3Polio, & 1MMR by their second birthday.	

Rx for Survival—A Global Health Challenge™

The international community, including the United States, has agreed to strengthen its commitment to reducing deaths among children under the age of five. With a goal of helping to meet that commitment, *Rx for Child Survival* has been created by WGBH/NOVA Science Unit and Vulcan Productions Inc., in collaboration with CARE and Save the Children, and in association with the Global Health Council and UNICEF. The campaign will raise awareness that children bear the brunt of the world's health problems and will offer ways for Americans to give time and voice their own opinions about global health issues. For additional information about *Rx for Child Survival*, visit pbs.org/rxforsurvival/campaign.



The **Global Health Council** is the world's largest membership alliance of public health professionals, individuals and organizations dedicated to promoting better health for all the world's people. Visit www.globalhealth.org.

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