## Child Survival and its Determinants

| 1. General Profile |  |  |
| :---: | :---: | :---: |
|  |  |  |
| Year | 2009 | 2019 |
| Total population* | 399,227 | 518,580 |
| Female of childbearing age (15-49)** | 85,476 | 112,935 |
| Population under five years** | 63,220 | 73,598 |
| Urban population* | - | 108,748 |
| Population with primary school education* | - | 200,615 |
| Average rainfall (mm) ${ }^{* * *}$ | 661 | 799 |

Data Sources: * KNBS 2009 \& 2019 KNPHC, **World Pop, *** Kenya Meteorological Department

## 2.Under-five mortality (U5M), 1965-2015

### 2.1 U5M (per 1000 live births)

 Economic Blo (CEREB)
Water body Other Counties Under five mortality
$\square 0-<50$
$\square 50-<75$
$\square 75-<100$
$\square 100-<150$
$\square 150-<200$
$\square>200$

Mean U5M per 1000 live births in Laikipia and CEREB every 10 years between 1965 and 2013.

### 2.2 Trends in U5M and progress towards achieving global targets



## 3. Determinants of Child Survival, 1993-2014

### 3.1 Child Factors

a). Breast feeding indicators: 1993 and 2014

$\begin{array}{llllllllllllllllllll}100 & 90 & 80 & 70 & 60 & 50 & 40 & 30 & 20 & 10 & 0 & 10 & 20 & 30 & 40 & 50 & 60 & 70 & 80 & 90\end{array} 100$

Coverage of breast feeding indicators, and the percentage change between 1993 and 2014. Green indicates an improvement. The darker the green the greater the improvement.
b). Malnutrition indicators: 1993 and 2014

$\begin{array}{lllllllllllllllllll}100 & 90 & 80 & 70 & 60 & 50 & 40 & 30 & 20 & 10 & 0 & 10 & 20 & 30 & 40 & 50 & 60 & 70 & 80 \\ \% & 90 & 100\end{array}$
Coverage of malnutrition indicators, and the percentage change between 1993 and 2014. Red indicates deterioration in the indicator and green an improvement.

### 3.2 Maternal factors

Comparing maternal factors in 1993 and 2014.


Note: Birth interval - the proportion of children with a preceding or succeeding birth interval > 24 months.
Low parity-the proportion of women aged, $<30$ years with less than 3 or aged $>29$ years with less than 5 children
Maternal education - The proportion of mothers (15-49 years) who had greater than primary education at the time of the survey.

### 3.4 Household factors



Note: Improved sanitation - proportion of households who have access to flush toilet facilities. Improved and intermediate sanitation have access to any form of a toilet facility.
Improved water is the proportion of households who have access to piped water for drinking. Improved and intermediate have access to either piped or boreholes/wells water for drinking. Least poor households - proportion of households considered not poor comprising of the $1^{\text {st }}, 2^{\text {nd }}$ and $3^{\text {rd }}$ quintiles of the wealth index.

### 3.6 Infections

### 3.6.1 Malaria Prevalence




Malaria prevalence in Laikipia and other CEREB counties.


Rift Valley province HIV Prevalence (NACC Kenya) in 1993,2003 and 2014.

### 3.3 Health Care Utilization

Comparing health care utilization coverage in 1993 and 2014.


### 3.5 Health Interventions

Coverage of child and maternal health interventions in 1993, 2003 and 2014.Dark green indicates high coverage and red low coverage.


Factors that were either not monitored or had not been rolled out by 1993 (IPTp1,IPTp2,Iron Supplements, Vitamin A-mothers, Vitamin A-children, Antimalarial and Child-ITN)
${ }_{48.9}^{\pi / 2}$

## Key Messages

> Laikipia, is among the few counties in CEREB that maintained U5M rates lower than the regional and national average, despite the upsurge observed across all CEREB counties. In addition, Laikipia had the lowest rate of increase (4\%) between 2005 and 2013. By 2014, the rate was 34.3 per 1000 live births being the lowest in CEREB and among the country's lowest rates.
$>$ By 2014, there was a substantial decline in HIV and Malaria prevalence. Malaria transmission rate, however, remained higher (1\%-5\%) than other counties ( $<1 \%$ ) in the region.
$>$ Despite improvements, Laikipia had the lowest proportion of literate and educated mothers and among the lowest usage of contraceptives in the region.
$>$ Breast feeding practices have improved and nutrition status had mixed performance. Notably, Laikipia is the only county in the region where the proportion of wasted and low birth weights children increased.
> Only 52\% of women received at least four antenatal care in 2014, a decline from $64 \%$ in 1993.
$>$ Coverage of fully immunized children dropped to $67 \%$ in 2003 but rebounded to $84 \%$ by 2014, though it is still among the lowest in the region.
$>$ Progress towards improving access to clean water has been slow. However, access to sanitation remained at>75\%, and the least poor households $>63 \%$.

