KEY FINDINGS OF THE DEMOGRAPHIC HEALTH 2014 SURVEY

DR Nicholas Muraguri
Director of Medical Services
Key Indicators

2014 Kenya Demographic and Health Survey (KDHS)
## Millennium Development Goals for 2015

<table>
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<th>Goal 1: Eradicate extreme poverty and hunger</th>
<th>2014 KDHS Indicator</th>
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<td>Prevalence of underweight children under 5 years of age</td>
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<th>Goal 2: Achieve universal primary education</th>
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<td>Net attendance ratio in primary education</td>
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<td>Literacy rate of 15-24 year olds</td>
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<th>Goal 3: Promote gender equality and women’s empowerment</th>
<th>2014 KDHS Indicator</th>
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<td>Ratio of girls to boys in primary, secondary, and tertiary education</td>
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<tr>
<th>Goal 4: Reduce child mortality</th>
<th>2014 KDHS Indicator</th>
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<td>Under-five mortality rate</td>
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<td>Infant mortality rate</td>
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<tr>
<td>Proportion of 1 year-old children immunised against measles</td>
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<table>
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<tr>
<th>Goal 5: Improve maternal health</th>
<th>2014 KDHS Indicator</th>
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<td>Adolescent birth rate</td>
<td></td>
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<td>Contraceptive prevalence rate</td>
<td></td>
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<tr>
<td>Antenatal care coverage</td>
<td></td>
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<tr>
<td>Births attended by skilled health professional</td>
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<table>
<thead>
<tr>
<th>Goal 6: Combat HIV/AIDS, malaria, and other diseases</th>
<th>2014 KDHS Indicator</th>
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<tbody>
<tr>
<td>Condom use at last high-risk sex</td>
<td></td>
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<tr>
<td>Population age 15-24 with comprehensive knowledge of HIV</td>
<td></td>
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<tr>
<td>Ratio of school attendance of orphans to school attendance of non-orphans age 10-14</td>
<td></td>
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<thead>
<tr>
<th>Goal 7: Ensure environmental sustainability</th>
<th>2014 KDHS Indicator</th>
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<tbody>
<tr>
<td>Population using an improved water source</td>
<td></td>
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<tr>
<td>Population using an improved sanitation facility</td>
<td></td>
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</tbody>
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<thead>
<tr>
<th>Goal 8: Develop a global partnership for development</th>
<th>2014 KDHS Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable to 2014 KDHS</td>
<td></td>
</tr>
</tbody>
</table>
Educational Attainment of Respondents Age 15-49

Percent of women and men age 15-49

- Secondary+
- Primary complete
- Primary incomplete
- No education

Women:
- 43 with Secondary+
- 25 with Primary complete
- 26 with Primary incomplete
- 7 with No education

Men:
- 49 with Secondary+
- 23 with Primary complete
- 26 with Primary incomplete
- 3 with No education
Fertility Trends

*Data before 2003 exclude North Eastern region and several northern districts in Eastern and Rift Valley regions.*
Fertility by County

Births per woman for the three-year period before the survey
Teenage Childbearing by Education

Percent of women age 15-19 who are mothers or pregnant with their first child

- Total: 18%
- No education: 33%
- Primary incomplete: 19%
- Primary complete: 36%
- Secondary+: 12%
Fertility Preferences of Married Women

Percent distribution of currently married women age 15-49 by desire for children

- Declared infecund: 1%
- Have another soon: 13%
- Have another later: 32%
- Want no more or sterilised: 50%
- Undecided, undecided when: 3%
- Have another, undecided when: 1%
Current Use of Contraception

Percent of women age 15-49

- Currently married women
- Sexually active, unmarried women

<table>
<thead>
<tr>
<th>Method</th>
<th>Married</th>
<th>Unmarried</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any method</td>
<td>58</td>
<td>65</td>
</tr>
<tr>
<td>Any modern method</td>
<td>53</td>
<td>61</td>
</tr>
<tr>
<td>Injectable</td>
<td>26</td>
<td>22</td>
</tr>
<tr>
<td>Implants</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>Pill</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>Male condom</td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td>Any traditional method</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>
Current Use of Contraception by County

Percent of currently married women age 15-49 currently using any method of family planning

Kenya 58%
Trends in Use of Contraception

Percent of currently married women age 15-49

*Data before 2003 exclude North Eastern region and several northern districts in Eastern and Rift Valley regions.
Demand for Family Planning

Percent of currently married women age 15-49

- Unmet need: 18%
- Met demand: 58%
- Total demand: 76%
- Demand satisfied: 77%
- Demand satisfied by modern methods: 71%
Trends in Childhood Mortality

Deaths per 1,000 live births for the five-year period before the survey

*Data before 2003 exclude North Eastern region and several northern districts in Eastern and Rift Valley regions.
Trends in Neonatal Mortality

Deaths per 1,000 live births for the five-year period before the survey

- 1993 KDHS*
- 1998 KDHS*
- 2003 KDHS
- 2008-09 KDHS
- 2014 KDHS

*Data before 2003 exclude North Eastern region and several northern districts in Eastern and Rift Valley regions.
Summary of child mortality trends

![Graph showing trends in child mortality rates from 1989 to 2014 for Neonatal, Infant, and U5Mortality.]
Assistance during Delivery by County

Percent of live births in the five-year period before the survey delivered by a skilled provider (doctor, nurse, or midwife)

Kenya 62%
Delivery in a Health Facility by County

Percent of live births in the five-year period before the survey delivered in a health facility
Trends in Maternal Health

Percent of live births in the five-year period before the survey

Antenatal care by skilled provider* (% of women for most recent birth)
- 2003 KDHS: 88
- 2008-09 KDHS: 92
- 2014 KDHS: 96
- MDG Targets: 100

Delivery assistance by skilled provider*
- 2003 KDHS: 42
- 2008-09 KDHS: 44
- 2014 KDHS: 62
- MDG Targets: 90

Delivery in a health facility
- 2003 KDHS: 40
- 2008-09 KDHS: 43
- 2014 KDHS: 61
- Goal 5

*Skilled provider includes doctor, nurse, or midwife.
Postnatal Care (PNC)

Among women age 15-49 who had a live birth in the two years before the survey, percent who had a postnatal checkup in the first two days after birth
Childhood Vaccinations

Percent of children age 12-23 months vaccinated

- BCG: 97%
- Pentavalent: 98%
- Polio: 96%
- 1: 90%
- 2: 97%
- 3: 94%
- Measles: 81%
- All basic: 87%
- 1: 94%
- 2: 91%
- 3: 85%
- Fully vaccinated: 68%
- None: 2%
Vaccination Coverage by County

Percent of children age 12-23 months fully vaccinated

*Kirinyaga county figure based on fewer than 25-49 unweighted cases.
Childhood Illnesses

Among children under 5 with symptoms of acute respiratory infection (ARI), fever, or diarrhoea, percent whom advice or treatment was sought from a health facility or provider

- ARI: 66%
- Fever: 63%
- Diarrhoea: 58%
Nutritional Status of Children

Percent of children under 5

<table>
<thead>
<tr>
<th>Condition</th>
<th>Moderate</th>
<th>Severe</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stunted (too short for age)</td>
<td>18</td>
<td>8</td>
<td>26</td>
</tr>
<tr>
<td>Wasted (too thin for height)</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Underweight (too thin for age)</td>
<td>9</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>MDG Target for underweight</td>
<td>11</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Goal 1

*Based on the 2006 WHO Child Growth Standards*
Stunting by County

Percent of children under 5 who are stunted, or too short for age
Trends in Nutritional Status of Children

*Based on the 2006 WHO Child Growth Standards
Breastfeeding Status Under 6 Months

Percent distribution of youngest children under 6 months who are living with their mother by breastfeeding status

- Breast milk plus complementary foods: 15%
- Breast milk plus water, other milk, or other non-milk liquids: 23%
- Not breastfed: 1%
- Exclusively breastfed: 61%
ITN Ownership by County

Percent of households with at least one insecticide-treated net (ITN)
Ownership of and Access to ITNs

<table>
<thead>
<tr>
<th>Percent of households</th>
<th>Percent of household population</th>
</tr>
</thead>
<tbody>
<tr>
<td>With at least 1 ITN</td>
<td>59</td>
</tr>
<tr>
<td>With enough ITNs to cover household population*</td>
<td>34</td>
</tr>
<tr>
<td>With access to an ITN within their household*</td>
<td>48</td>
</tr>
</tbody>
</table>

*Assuming one ITN covers 2 people
Use of ITNs

Percent who slept under an ITN the night before the survey among all households

- Children < 5: 54%
- Pregnant women: 51%

Percent who slept under an ITN the night before the survey among households with at least one ITN

- Children < 5: 77%
- Pregnant women: 77%
Intermittent Preventive Treatment during Pregnancy (IPTp)

Percent of women age 15-49 with a live birth in the two years before the survey who:

- Took 1+ SP/Fansidar during an ANC visit: 30
- Took 2+ doses of SP/Fansidar and received at least one during ANC visit: 17
- Took 3+ doses of SP/Fansidar and received at least one during ANC visit: 10
Fever in Children

In the 2 weeks before the survey, 24% of children under 5 had a fever.

- 72% were taken to a health facility or provider for advice or treatment.
- 35% had blood taken from a finger or heel for testing.
- 27% took antimalarial drugs.
- 23% took ACT.
Knowledge of HIV Prevention Methods

Percent of women and men age 15-49 who know that HIV can be prevented by:

- Using condoms: 80% (Women) vs. 88% (Men)
- Limiting sex to one uninfected partner: 92% (Women) vs. 94% (Men)
- Using condoms AND limiting sex to one uninfected partner: 77% (Women) vs. 85% (Men)
Comprehensive Knowledge of HIV among Youth by Residence

Percent of women and men age 15-24 with comprehensive knowledge* of HIV

*Comprehensive knowledge means knowing that the risk of getting HIV can be reduced by using condoms and limiting sex to one uninfected partner, knowing that a healthy looking person can have HIV, and rejecting the two most common local misconceptions about HIV prevention and transmission.
## Multiple Sexual Partners

<table>
<thead>
<tr>
<th>Percent of women and men age 15-49 who had:</th>
<th>Among women and men age 15-49 who had 2+ sexual partners in past 12 months, percent who:</th>
<th>Among women and men age 15-49 who have ever had sexual intercourse:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2+ partners in past 12 months</td>
<td>Reported using a condom at last sexual intercourse</td>
<td>Mean number of lifetime sexual partners</td>
</tr>
<tr>
<td>1</td>
<td>40</td>
<td>2.1</td>
</tr>
<tr>
<td>13</td>
<td>44</td>
<td>6.8</td>
</tr>
</tbody>
</table>
HIV Testing

Percent of women and men age 15-49

- Ever tested and received results:
  - Women: 83%
  - Men: 71%

- Tested in last 12 months and received results:
  - Women: 53%
  - Men: 46%
Recent HIV Testing by County: Women

Percent of women age 15-49 who were tested for HIV in the past 12 months and received their results

Kenya 53%
Recent HIV Testing by County: Men

Percent of men age 15-49 who were tested for HIV in the past 12 months and received their results

Kenya 46%
Trends in Recent HIV Testing

Percent of women and men age 15-49 who were tested for HIV in the past 12 months and received their results

- 2003 KDHS
- 2008-09 KDHS
- 2014 KDHS

Women:
- 2003: 7
- 2008-09: 29
- 2014: 53

Men:
- 2003: 8
- 2008-09: 23
- 2014: 46
Experience of Domestic Violence

Percent of ever-married women and men age 15-49 who have ever experienced physical or sexual violence committed by their spouse/partner

- Physical violence: Women 38, Men 9
- Sexual violence: Women 14, Men 4
- Physical or sexual violence: Women 41, Men 11
Female Circumcision

Percent of women age 15-49 who:

- Have heard of female circumcision: 96%
- Have been circumcised: 21%
Female Circumcision by Age

Percent of women age 15-49 circumcised

Age

1% of Kenyan women have ever experienced fistula.
Key Findings

• Women have an average of 3.9 children.
• The contraceptive prevalence rate of any contraceptive method among married women is 58%.
• Infant mortality rate is 39 deaths per 1,000 live births and under-five mortality rate is 52 deaths per 1,000 live births.
• 61% of births were delivered in a health facility.
• 68% of children received are fully vaccinated.
• 26% of children under 5 are stunted (too short for age).
• 48% of Kenyan household population has access to an ITN.
• 53% of women and 46% of men were tested for HIV in past 12 months and received the results of the test.
• 21% of women in Kenya are circumcised.