UGANDA DEMOGRAPHIC AND HEALTH SURVEY (UDHS) 2022

KEY FINDINGS

Presented by:
UBOS Executive Director

Dissemination Workshop
Held at Sheraton Hotel, Kampala District
8th September 2023
Presentation Outline

1) Background characteristics for households and respondents
2) SDG indicator update
3) Fertility and Family planning
4) Infant and under 5 Mortality
5) Immunization
6) Nutrition
7) Maternal health care
8) Maternal mortality ratio
9) HIV
10) Sexual violence
BACKGROUND CHARACTERISTICS FOR HOUSEHOLDS AND RESPONDENTS
Educational attainment of respondents

Percent distribution of women and men aged 15-49

- **Women**
  - No education: 10
  - Primary: 25
  - Secondary: 8
  - More than secondary: 4

- **Men**
  - No education: 29
  - Primary: 55
  - Secondary: 12
  - More than secondary: 12

Legend:
- Blue: No education
- Dark blue: Primary
- Light blue: Secondary
- Green: More than secondary
FERTILITY
Fertility trends

Births per woman for the 3-year period before the survey

<table>
<thead>
<tr>
<th>Year</th>
<th>Births per Woman</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988-89</td>
<td>7.4</td>
</tr>
<tr>
<td>1995</td>
<td>6.9</td>
</tr>
<tr>
<td>2000-01</td>
<td>6.9</td>
</tr>
<tr>
<td>2006</td>
<td>6.7</td>
</tr>
<tr>
<td>2011</td>
<td>6.2</td>
</tr>
<tr>
<td>2016</td>
<td>5.4</td>
</tr>
<tr>
<td>2022</td>
<td>5.2</td>
</tr>
</tbody>
</table>
Fertility trends

Births per woman for the 3-year period before the survey

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006 UDHS</td>
<td>7.1</td>
<td>5.9</td>
<td>4.4</td>
</tr>
<tr>
<td>2011 UDHS</td>
<td>6.7</td>
<td>5.2</td>
<td>3.8</td>
</tr>
<tr>
<td>2016 UDHS</td>
<td>6.2</td>
<td>5.4</td>
<td>4</td>
</tr>
<tr>
<td>2022 UDHS</td>
<td>5.6</td>
<td>5.6</td>
<td>4.3</td>
</tr>
</tbody>
</table>
2022 Uganda Demographic Health Survey

Fertility by region

Total Fertility Rate
- 3.7 - 4.3
- 4.4 - 4.9
- 5.0 - 5.5
- 5.6 - 6.1
- 6.2 - 6.7

Regions:
- Karamoja (6.7)
- Elgon (4.8)
- Lake Victoria
- United Republic of Tanzania
- South Sudan
- D.R. Congo
- Kenya
- Rwanda

Note: The map shows the fertility rates by region in Uganda.
Fertility preferences of married women

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

- Have another soon: 15%
- Have another later: 42%
- Undecided: 33%
- Want no more or sterilised: 0%
- Declared infecund: 3%
- Have another, undecided when: 7%
Teenage childbearing by residence

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

Total: 24, 25, 24
Rural: 24, 27, 25
Urban: 21, 19, 21

2022
2016
2011
FAMILY PLANNING
Percentage of women aged 15-49 currently using a contraceptive method

- Any method
  - Currently married women: 43%
  - Sexually active unmarried women: 47%

- Any modern method
  - Currently married women: 38%
  - Sexually active unmarried women: 43%

- Injectables
  - Currently married women: 15%
  - Sexually active unmarried women: 10%

- Male condom
  - Currently married women: 1%
  - Sexually active unmarried women: 3%

- Pill
  - Currently married women: 2%
  - Sexually active unmarried women: 2%

- Implants
  - Currently married women: 9%
  - Sexually active unmarried women: 12%

- IUD
  - Currently married women: 2%
  - Sexually active unmarried women: 15%

- Female sterilisation
  - Currently married women: 3%
  - Sexually active unmarried women: 1%

- Traditional method
  - Currently married women: 4%
  - Sexually active unmarried women: 3%
Trends in contraceptive use

Percent of currently married women age 15-49 who were using any method and those using a modern method of family planning
Demand for family planning

Percent of currently married women aged 15-49

<table>
<thead>
<tr>
<th>Total demand</th>
<th>Met demand</th>
<th>Unmet need</th>
<th>Percent of demand satisfied</th>
<th>Percent of demand satisfied by modern methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>43</td>
<td>22</td>
<td>66</td>
<td>60</td>
</tr>
</tbody>
</table>
Demand for family planning

Percent of currently married women aged 15-49

Unmet need
- For spacing: 13.3%
- For limiting: 8.5%

Met need
- For spacing: 25.4%
- For limiting: 17.0%

Total demand
- For spacing: 38.7%
- For limiting: 25.5%
MORTALITY
Trends in childhood mortality

Deaths per 1,000 live births for the 5-year period before the survey

Under-5 mortality

- 2000-01 UDHS: 151
- 2006 UDHS: 128
- 2011 UDHS: 90
- 2016 UDHS: 64
- 2022 UDHS: 52

Infant mortality

- 2000-01 UDHS: 88
- 2006 UDHS: 71
- 2011 UDHS: 54
- 2016 UDHS: 43
- 2022 UDHS: 36

Neonatal mortality

- 2000-01 UDHS: 33
- 2006 UDHS: 27
- 2011 UDHS: 27
- 2016 UDHS: 27
- 2022 UDHS: 22
Infant Mortality by region
Under 5 Mortality by region

Mortality Rate [<5Yrs]
- 30.0 - 40.5
- 40.6 - 50.5
- 50.6 - 60.0
- 60.1 - 70.0
- 70.1 - 80.0

- West Nile: 79.5
- Acholi: 45.8
- Karamoja: 55.7
- Lango: 50.2
- Teso: 30.6
- Elgon: 45.0
- Tooro: 49.8
- Buganda: 55.7
- Busoga: 54.2
- Kampala: 39.6
- Ankole: 58.7
- Kigezi: 42.6

United Republic of Tanzania

D.R. Congo

Kenya

South Sudan

Lake Victoria
IMMUNIZATION
Childhood Vaccinations

Percent of children 12-23 months vaccinated

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>2022</th>
<th>2021</th>
<th>2020</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCG</td>
<td>98</td>
<td>96</td>
<td>85</td>
<td>94</td>
</tr>
<tr>
<td>DPT1</td>
<td>96</td>
<td>85</td>
<td>70</td>
<td>94</td>
</tr>
<tr>
<td>DPT2</td>
<td>85</td>
<td>64</td>
<td>85</td>
<td>96</td>
</tr>
<tr>
<td>DPT3</td>
<td>70</td>
<td>72</td>
<td>90</td>
<td>96</td>
</tr>
<tr>
<td>Polio 1</td>
<td>93</td>
<td>72</td>
<td>90</td>
<td>93</td>
</tr>
<tr>
<td>Polio 2</td>
<td>70</td>
<td>90</td>
<td>93</td>
<td>70</td>
</tr>
<tr>
<td>Polio 3</td>
<td>54</td>
<td>11</td>
<td>70</td>
<td>11</td>
</tr>
<tr>
<td>Pne 1</td>
<td>83</td>
<td>54</td>
<td>11</td>
<td>83</td>
</tr>
<tr>
<td>Pne 2</td>
<td>64</td>
<td>72</td>
<td>90</td>
<td>64</td>
</tr>
<tr>
<td>Pne 3</td>
<td>85</td>
<td>90</td>
<td>93</td>
<td>85</td>
</tr>
<tr>
<td>Rota 1</td>
<td>96</td>
<td>70</td>
<td>54</td>
<td>96</td>
</tr>
<tr>
<td>Rota 2</td>
<td>90</td>
<td>72</td>
<td>64</td>
<td>90</td>
</tr>
<tr>
<td>Rota 3</td>
<td>93</td>
<td>90</td>
<td>72</td>
<td>93</td>
</tr>
<tr>
<td>Measles</td>
<td>85</td>
<td>72</td>
<td>90</td>
<td>85</td>
</tr>
<tr>
<td>All basic</td>
<td>54</td>
<td>64</td>
<td>72</td>
<td>54</td>
</tr>
</tbody>
</table>
Trends in Basic Vaccination Coverage

Percent of children age 12-23 months with all basic vaccinations

<table>
<thead>
<tr>
<th>Year</th>
<th>All basic</th>
<th>No vaccination</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>46</td>
<td>7</td>
</tr>
<tr>
<td>2011</td>
<td>52</td>
<td>4</td>
</tr>
<tr>
<td>2016</td>
<td>55</td>
<td>1</td>
</tr>
<tr>
<td>2022</td>
<td>54</td>
<td>2</td>
</tr>
</tbody>
</table>
Trends in Basic Vaccination Coverage

Percent of children aged 12-23 months with all basic vaccinations

Among children under 5 with symptoms of acute respiratory infection (ARI), fever, or diarrhoea, percent for whom advice or treatment was sought from a health facility or provider.
Uganda Demographic and Health Survey (UDHS) 2022

NUTRITION
Nutritional Status of Children

Percent of children under 5

- Stunted (too short for age): 24.4%
- Wasted (too thin for height): 3.2%
- Overweight (too heavy for height): 3.4%
- Underweight (too thin for age): 9.7%
Trends in Nutritional Status of Children

Percent of children aged 6 - 59 months

Stunted

- 2006 DHS: 38%
- 2011 DHS: 33%
- 2016 DHS: 29%
- 2022 DHS: 26%

Underweight

- 2006 DHS: 16%
- 2011 DHS: 14%
- 2016 DHS: 11%
- 2022 DHS: 10.2%

Wasted

- 2006 DHS: 6%
- 2011 DHS: 5%
- 2016 DHS: 4%
- 2022 DHS: 2.9%

Overweight

- 2006 DHS: 5%
- 2011 DHS: 3%
- 2016 DHS: 4%
- 2022 DHS: 2.8%
Trends in Nutritional Status of Women and men

Percent of women aged 15-49 and men aged 15-54

<table>
<thead>
<tr>
<th>Category</th>
<th>Women 15-49</th>
<th>Men 15-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thin</td>
<td>9</td>
<td>15.4</td>
</tr>
<tr>
<td>Normal</td>
<td>64.6</td>
<td>73.9</td>
</tr>
<tr>
<td>Overweight</td>
<td>18</td>
<td>9.2</td>
</tr>
<tr>
<td>Obese</td>
<td>8.4</td>
<td>1.5</td>
</tr>
</tbody>
</table>
MATERNAL HEALTH CARE
Trends in maternal health care coverage

Percent of women aged 15-49 with a live birth in the 5 years before the survey for most recent birth

<table>
<thead>
<tr>
<th></th>
<th>2022 UDHS</th>
<th>2016 UDHS</th>
<th>2011 UDHS</th>
<th>2006 UDHS</th>
<th>2000-01 UDHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC by skilled provider</td>
<td>95</td>
<td>97</td>
<td>95</td>
<td>93</td>
<td>90</td>
</tr>
<tr>
<td>Birth occurred in health facility</td>
<td>91</td>
<td>73</td>
<td>57</td>
<td>42</td>
<td>37</td>
</tr>
<tr>
<td>Birth attended by a skilled provider</td>
<td>91</td>
<td>74</td>
<td>58</td>
<td>42</td>
<td>37</td>
</tr>
</tbody>
</table>

Bar chart showing trends in maternal health care coverage from 2000-01 UDHS to 2022 UDHS.
Trends in maternal health

Percent of live births for the 5-year period before the survey

- 4+ ANC visits
- Delivered in health care facility

- 2000-01 DHS: 42, 37
- 2006 DHS: 47, 42
- 2011 DHS: 48, 57
- 2016 DHS: 60, 73
- 2022 DHS: 72, 91
Trends in place of delivery

Percent of live births in the 5-year period before the survey

- Delivery in a health facility
- Delivery at home
Assistance during delivery

Percent distribution of live births in the 5-year period before the survey

- **Doctor**: 16
- **Nurse/midwife/physician’s assistant**: 75
- **Traditional birth attendant**: 4
- **Relative/friend**: 2
- **No one**: 1
- **Other health professionals**: 2

*Skilled provider includes doctor, nurse, midwife, and physician’s assistant.*
Timing of Postnatal Care (PNC) for Mother

Percent of live births in the 2-year period before the survey

- No PNC: 29
- Within 2 days: 66
- More than 2 days: 4
HIV
Knowledge of HIV Prevention Methods

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

- Using condoms
  - Women: 83%
  - Men: 88%

- Limiting sex to one uninfected partner
  - Women: 87%
  - Men: 88%

- Using condoms AND limiting sex to one uninfected partner
  - Women: 78%
  - Men: 81%
Comprehensive Knowledge of HIV among Youth, Trend

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

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Urban</th>
<th>Rural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women</td>
<td>56</td>
<td>65</td>
<td>51</td>
</tr>
<tr>
<td>Men</td>
<td>54</td>
<td>59</td>
<td>52</td>
</tr>
</tbody>
</table>

*Comprehensive knowledge of HIV: knowing that HIV is transmitted through sexual contact and-sharing of needles, and knowing that being HIV-negative does not protect against HIV transmission.
SEXUAL VIOLENCE
SEXUAL VIOLENCE

Percent of women aged 15-49

Ever experienced sexual violence | Experienced sexual violence in the last 12 months
---|---
16 | 11
Maternal Mortality Ratio (MMR)
Maternal Mortality Ratio

The 2022 UDHS asked women about the deaths of their siblings that occurred during pregnancy, delivery, or 42 days after delivery.

The maternal mortality ratio excludes deaths that were due to accident or violence.

The maternal mortality ratio for the seven-year period before the survey is **189 deaths per 100,000 live births**
Trends in Maternal Mortality Ratio

Maternal Mortality Ratio per 100,000 live births

2009-2016 (7 years preceding the 2006 UDHS)

2015-2022 (7 years preceding the 2016 UDHS)
Pregnancy-Related Mortality Ratio

The pregnancy-related mortality ratio includes all deaths in this period irrespective of the cause of death.

The pregnancy-related mortality ratio for the 7-year period before the survey is **228 deaths per 100,000 live births**.
Trends in Pregnancy-Related Mortality Ratio

Pregnancy-related deaths per 100,000 live births

- 1994-2001: 524
- 1999-2006: 418
- 2004-2011: 438
- 2009-2016: 368
- 2015-2022: 228
Uganda Demographic and Health Survey (UDHS) 2022
2.2.1 Prevalence of stunting among children under 5 years of age

a) Prevalence of wasting among children under 5 years of age

b) Prevalence of overweight among children under 5 years of age
SDGs update

3.1.1 Maternal mortality ratio 1

3.1.2 Proportion of births attended by skilled health personnel

3.2.1 Under-five mortality rate

3.2.2 Neonatal mortality rate
5.2.1 Proportion of ever-partnered women and girls aged 15 years and older subjected to sexual violence by a current or former intimate partner in the previous 12 months (Female)
Key Findings

- Women have an average of **5.2** children.
- **Infant mortality rate** is **36** deaths per 1,000 live births and **under-5 mortality rate** is **52** deaths per 1,000 live births.
- **91%** of births were **delivered** in a health facility.
- **54%** of children received **all basic vaccinations**.
- **26%** of children under 5 are **stunted**.
- Pregnancy-related mortality ratio for the 7-year period before the survey is **228 deaths per 100,000 live births**.
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