Tanzania Reproductive and Child Health Survey (TRCHS) 1999

Preliminary findings presented by The RCHS Unit, MOH
Introduction


• Presentation will be on indicators from the 1999 survey and trends from prior surveys

• Results presented are preliminary
Main Points

• Comparison of Tanzania to other sub-Saharan African countries

• Knowledge and behaviour regarding HIV/AIDS

• Family planning

• Maternal and child health

• Quality of health facilities
Comparison of Tanzania to Other Sub-Saharan African Countries
Female Education

Percent of females 15-49 who attended secondary school

- South Africa: 67
- Zimbabwe: 42
- Kenya: 29
- Zambia: 28
- Madagascar: 27
- Uganda: 14
- Eritrea: 10
- TANZANIA: 5
- Malawi: 5
- Mozambique: 4

TRCHS 1999
Total Fertility Rate

Number of children per woman

- Uganda: 6.9
- Eritrea: 6.1
- Zambia: 6.1
- Madagascar: 6.0
- Mozambique: 5.6
- TANZANIA: 5.6
- Kenya: 4.7
- Zimbabwe: 4.0
- South Africa: 2.9

TRCHS 1999
Modern Contraceptive Use

Current use of modern method among married women age 15-49

- South Africa: 55%
- Zimbabwe: 42%
- Kenya: 32%
- TANZANIA: 17%
- Malawi: 14%
- Zambia: 14%
- Madagascar: 10%
- Uganda: 8%
- Mozambique: 5%
- Eritrea: 4%

TRCHS 1999
Unmet Need for Family Planning

Percent currently married women 15-49 with unmet need

- Eritrea: 28%
- Madagascar: 26%
- Kenya: 24%
- Uganda: 22%
- TANZANIA: 22%
- Zambia: 18%
- Zimbabwe: 15%
- Mozambique: 7%

TRCHS 1999
Condom Use

Percent of women using a condom at last sexual intercourse

- **Zimbabwe**: 11%
- **TANZANIA**: 8%
- **Malawi**: 6%
- **Kenya**: 6%
- **Zambia**: 5%
- **Eritrea**: 2%

TRCHS 1999
Vaccination Coverage

Percent of children 12-23 months who are fully vaccinated

- Malawi: 81
- Zimbabwe: 80
- Zambia: 78
- TANZANIA: 68
- Kenya: 65
- South Africa: 63
- Uganda: 47
- Mozambique: 47
- Eritrea: 41
- Madagascar: 36

TRCHS 1999
Under-Five Mortality
Deaths before age five per 1000 live births

- Mozambique: 201
- Zambia: 197
- Madagascar: 159
- Uganda: 147
- Tanzania: 147
- Eritrea: 136
- Kenya: 112
- Zimbabwe: 77
- South Africa: 59

TRCHS 1999
Knowledge and Behaviour: 
HIV/AIDS
Knowledge of HIV Prevention Among Youth (15-24): 2+ ways

Only half of youth know 2 or more ways of preventing HIV/AIDS
Knowledge of Condoms as Protection Against Pregnancy and STDs

Less than half of teenagers know that condoms protect against pregnancy and STDs.
Condom Use With Non-Regular Partners

Percent

1994 1996 1999

19 16 23

34 29 32

Women Men

TRCHS 1999
People Tested for HIV

TRCHS 1999
HIV/AIDS Summary

• Knowledge of ways to prevent HIV has increased

• About half of youth not aware that condoms protect against pregnancy AND STDs

• Condom use with non-regular partners has increased slightly for women; remained about the same for men

• HIV testing has increased slightly

• Condom use and HIV testing are low
Family Planning
Coverage of Zinduka:
Percent listening in previous 6 months
Use of Modern Contraceptives Among All Women 15-49

1991/92: 6%
1994: 11%
1996: 12%
1999: 15%

TRCHS 1999
Contraceptive Method Mix Among All Women 15-49

1996
- Long-Term: 1.9%
- Condom: 1.3%
- Injectables: 3.7%
- Pill: 4.8%

1999
- Long-Term: 1.8%
- Condom: 3.4%
- Injectables: 5.3%
- Pill: 4.6%
Intention to Use Family Planning in Next 12 Months (among non-users)

Percent

<table>
<thead>
<tr>
<th>Year</th>
<th>Women</th>
<th>Men</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991/92</td>
<td>17</td>
<td>12</td>
</tr>
<tr>
<td>1994</td>
<td>32</td>
<td>21</td>
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<tr>
<td>1996</td>
<td>33</td>
<td>27</td>
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<tr>
<td>1999</td>
<td>35</td>
<td>31</td>
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TRCHS 1999
Total Fertility Rates: Number of children per woman

1989-91: 6.3
1994-96: 5.8
1997-99: 5.6

TRCHS 1999
Desired Number of Children

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<tr>
<th>Year</th>
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<th>Men</th>
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<tr>
<td>1999</td>
<td>5.3</td>
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Family Planning Summary

- Family planning messages are reaching more people
- Injectables and condoms have led to an increase in contraceptive use
- Among non-users, one-third of women and men intend to use family planning
- Total fertility rate is declining, BUT desired family size remains high
Quality of Health Facilities
Government Health Facilities Offering HIV Counseling and Testing

Dispensaries

Health Centres

Hospitals

ALL

Percent

0 21 70

TRCHS 1999
NGO Health Facilities Offering HIV Counseling and Testing

- Dispensaries: 3%
- Marie Stopes: 0%
- UMATI: 9%
- Health Centres: 30%
- Hospitals: 45%

ALL: 8%
Health Facilities With at Least One Provider Trained Since 1992

Gov. and NGO/Private Facilities Combined

TRCHS 1999
Facilities With at Least One Trained Provider in Integrated RH and CH Clinical Skills

Gov. and NGO/Private Facilities Combined
Health Facilities With Stockouts of Pills, Injectables, or Condoms

Percent

<table>
<thead>
<tr>
<th>Year</th>
<th>Count</th>
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<tbody>
<tr>
<td>1996</td>
<td>27</td>
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<tr>
<td>1999</td>
<td>11</td>
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TRCHS 1999
Quality of Health Facilities

Summary

• HIV counseling and testing is offered primarily at hospitals

• Health centers and dispensaries with trained staff in combined RH/CH skills low

• Stockouts of pills, injectables and condoms has declined
Maternal and Child Health

TRCHS 1999
Assistance at Delivery by Trained Provider

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<th>Year</th>
<th>Percent</th>
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<tbody>
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<td>55</td>
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<td>1996</td>
<td>54</td>
</tr>
<tr>
<td>1999</td>
<td>56</td>
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Exclusive Breastfeeding
Children Under 6 Months

Percent

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<tr>
<th>Year</th>
<th>Value</th>
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<tr>
<td>1991/92</td>
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<td>1996</td>
<td>29</td>
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<td>1999</td>
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Children (12-23 months) Fully Immunized

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<tr>
<td>1996</td>
<td>71</td>
</tr>
<tr>
<td>1999</td>
<td>68</td>
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</tbody>
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Use of ORS Packets:
For children under 3 with diarrhoea

Percent

1991/92: 58%
1996: 49%
1999: 55%

TRCHS 1999
Trends in Under-Five Mortality

Children per 1,000 live births

- 1987-91: 141
- 1992-96: 137
- 1995-99: 150

TRCHS 1999
Trends in Infant and Child Mortality

Children per 1,000 live births

- 1987-91: Infant 92, Child 55
Maternal and Child Health Summary

• Key child health indicators have remained the same since 1991

• Under-five mortality has recently increased

• Infant mortality makes up most of the increase in under-five mortality
Achievements

• HIV knowledge and testing has increased
• More women are using condoms with non-regular partners
• Stockouts of contraceptives has declined
• Contraceptive use has increased
• Total fertility rate is declining
Challenges

• Condom use and HIV testing are low
• Desired family size remains high
• Key child health indicators have remained the same since 1991
• High level of disposable glove reuse
• Infant, child, and under-five mortality have recently increased