

**Key Findings on Child Health in Ghana
from the Analysis of the Demographic
Health Surveys
(1988, 1993, 1998 and 2003)**

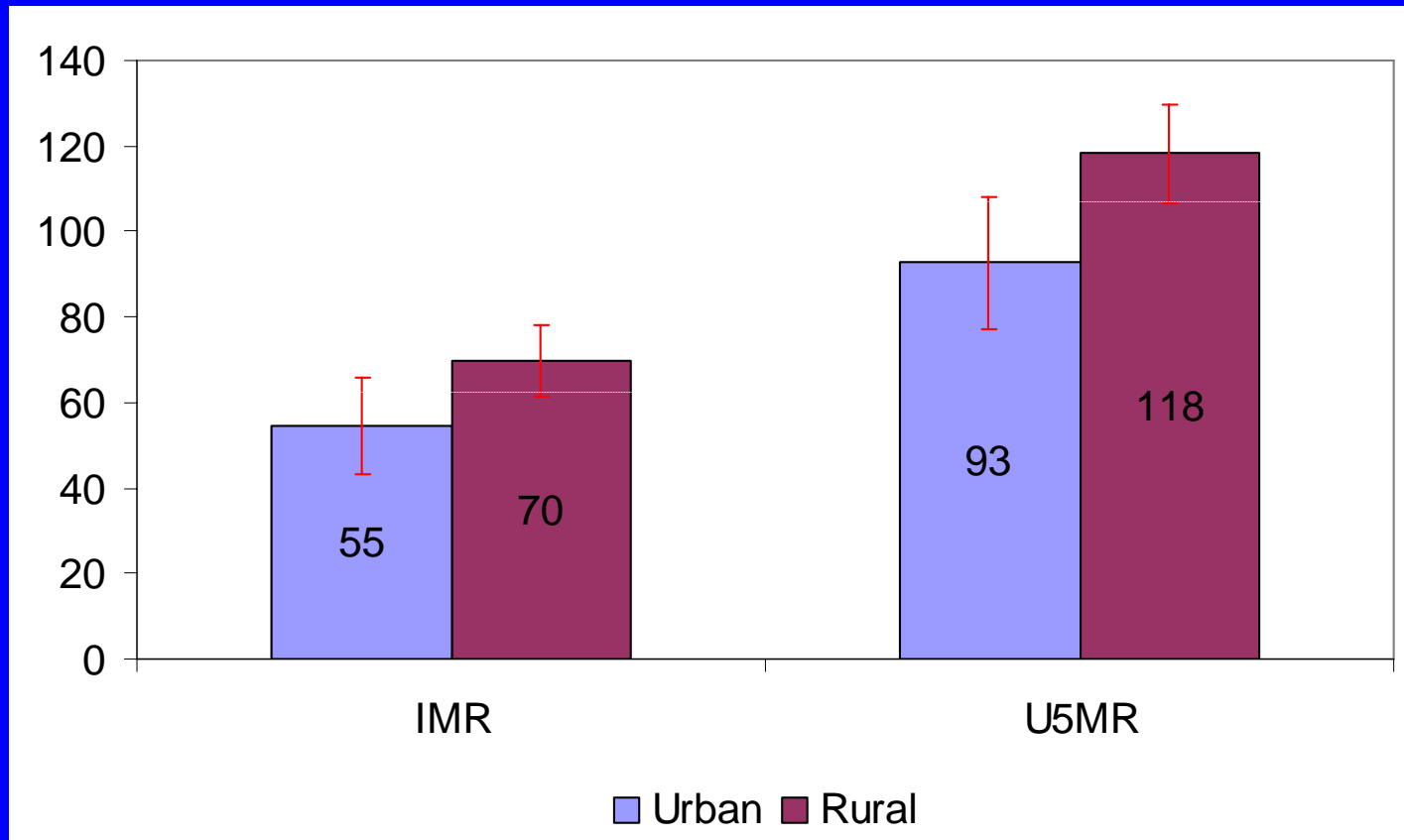
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Samuel Tetteh Kwashie
Beatrice Appah
Bob Pond**

August 2005

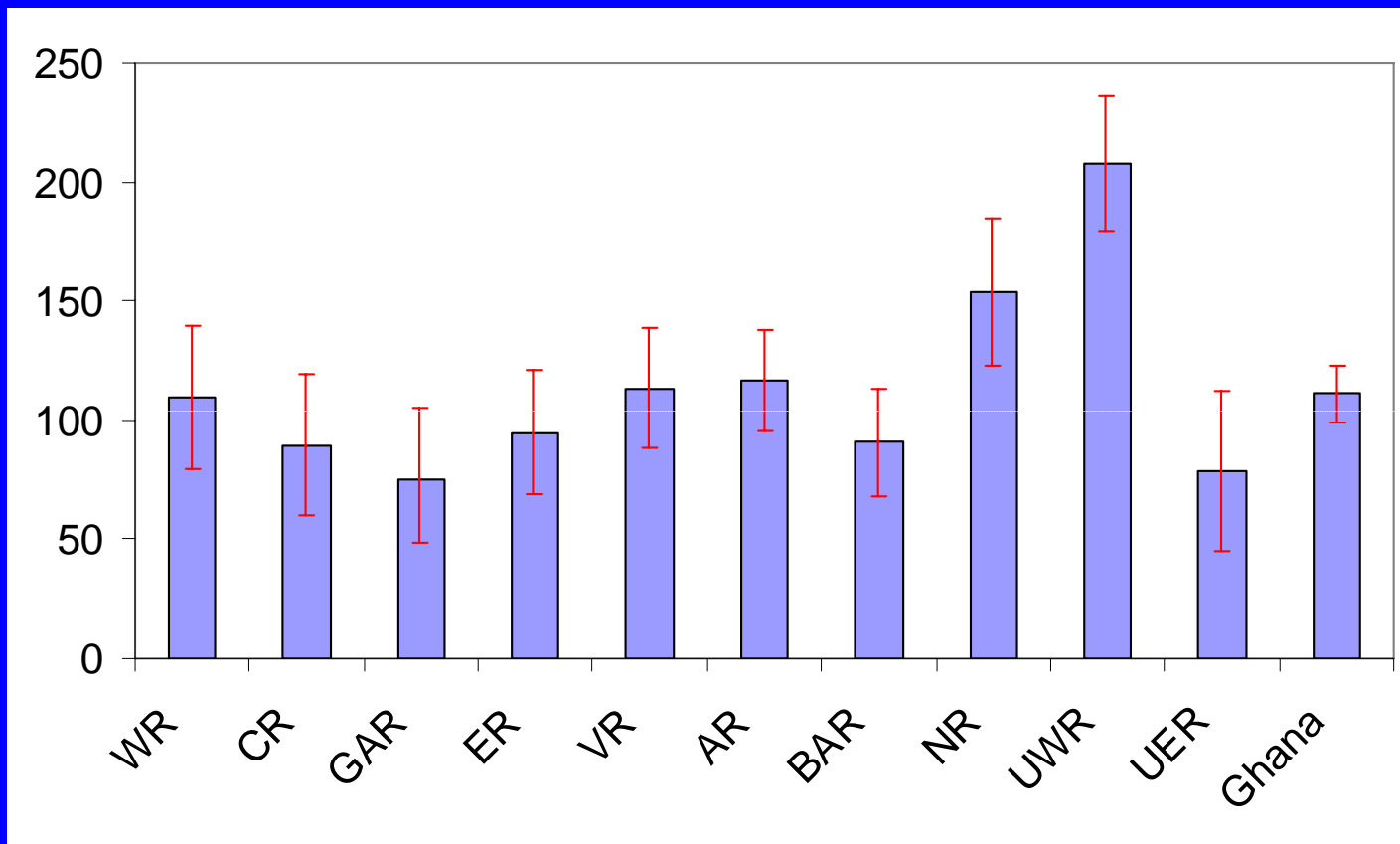
Child health in Ghana: Findings from Demographic and Health Surveys

- Surveys in 1988, 1993, 1998 and 2003
- Trends in childhood mortality and its components: neonatal, infant, child
- Differences between subgroups: urban/rural, north vs. south, mother's educational level, wealth quintiles
- Comparisons with childhood mortality in other countries
- Trends in chronic malnutrition
- Trends in delivery of immunization and maternal care services

Infant and under-five mortality rates by residence in Ghana during the 10 years preceding the 2003 DHS (with 95% confidence intervals)

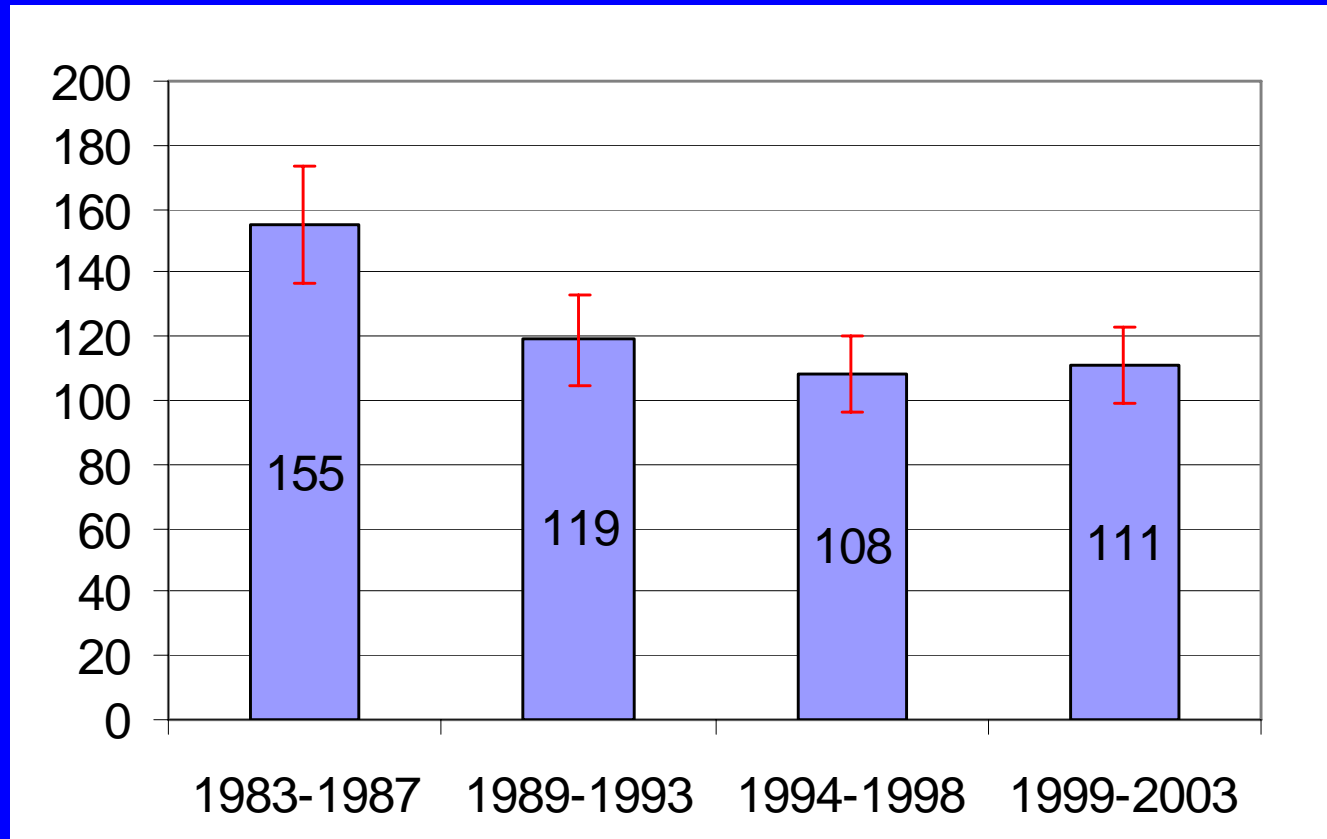


Under-five mortality rates by region of Ghana during the 10 years preceding the 2003 DHS (with 95% confidence intervals)



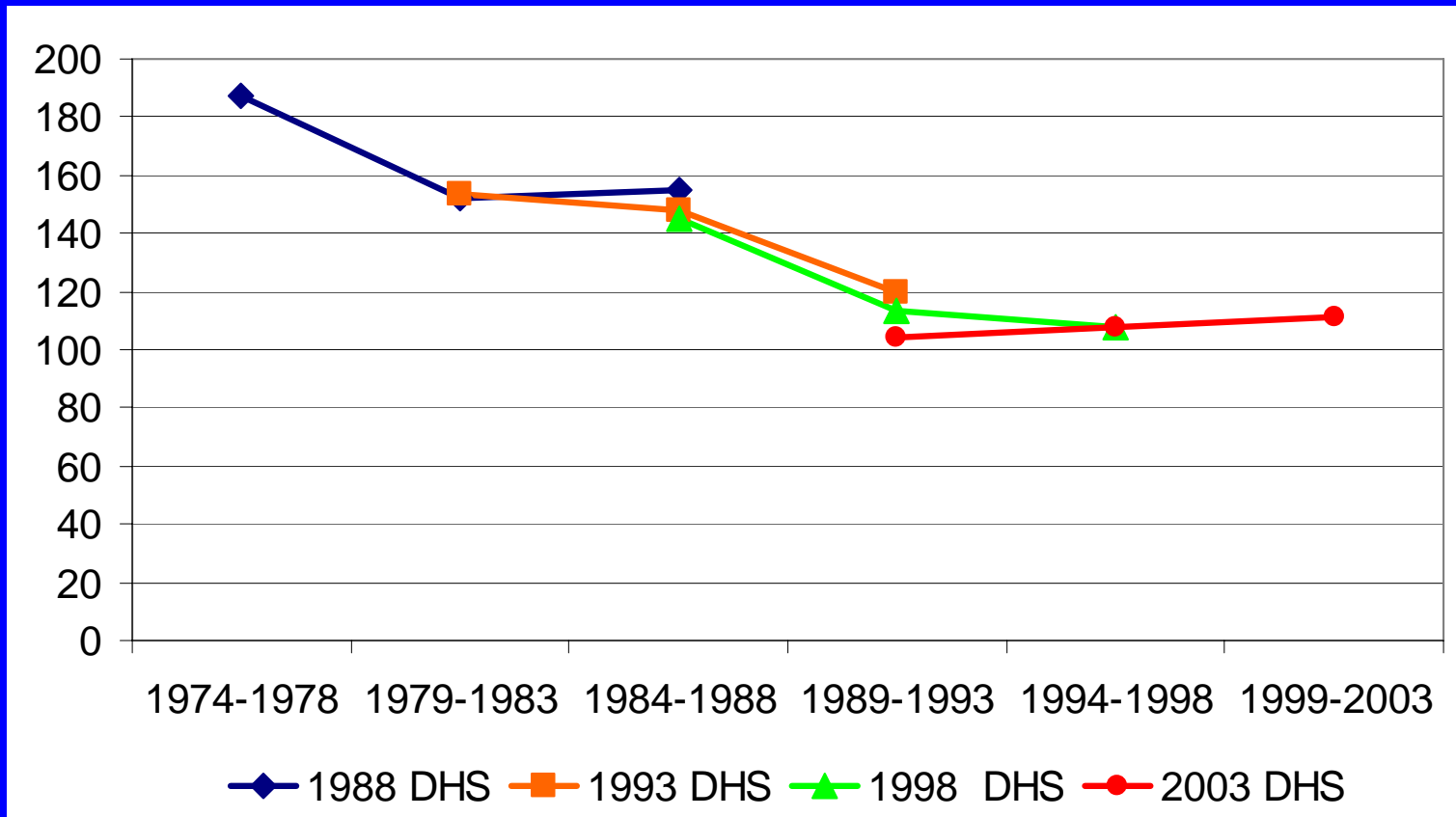
Trends in under-five mortality rate in Ghana for five year periods preceding the DHS (with hypothetical 95% confidence intervals)

Source: 1988, 1993, 1998 and 2003 GDHS



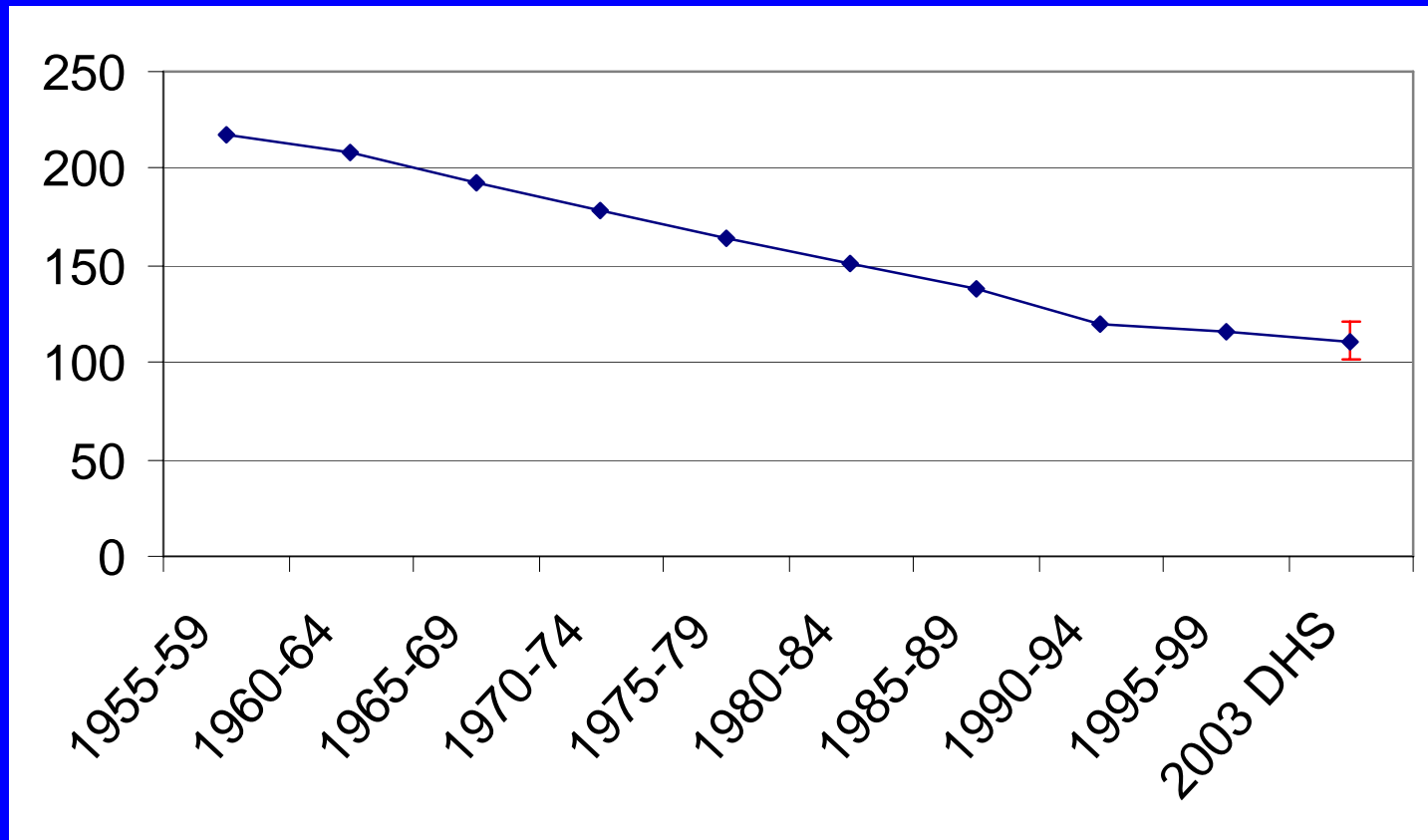
Estimates of Ghana's under-five mortality rates, 1974 – 2003 (rates are estimated for 3 successive 5 year intervals with each DHS)

Source: DHS of 1988, 1993, 1998 and 2003



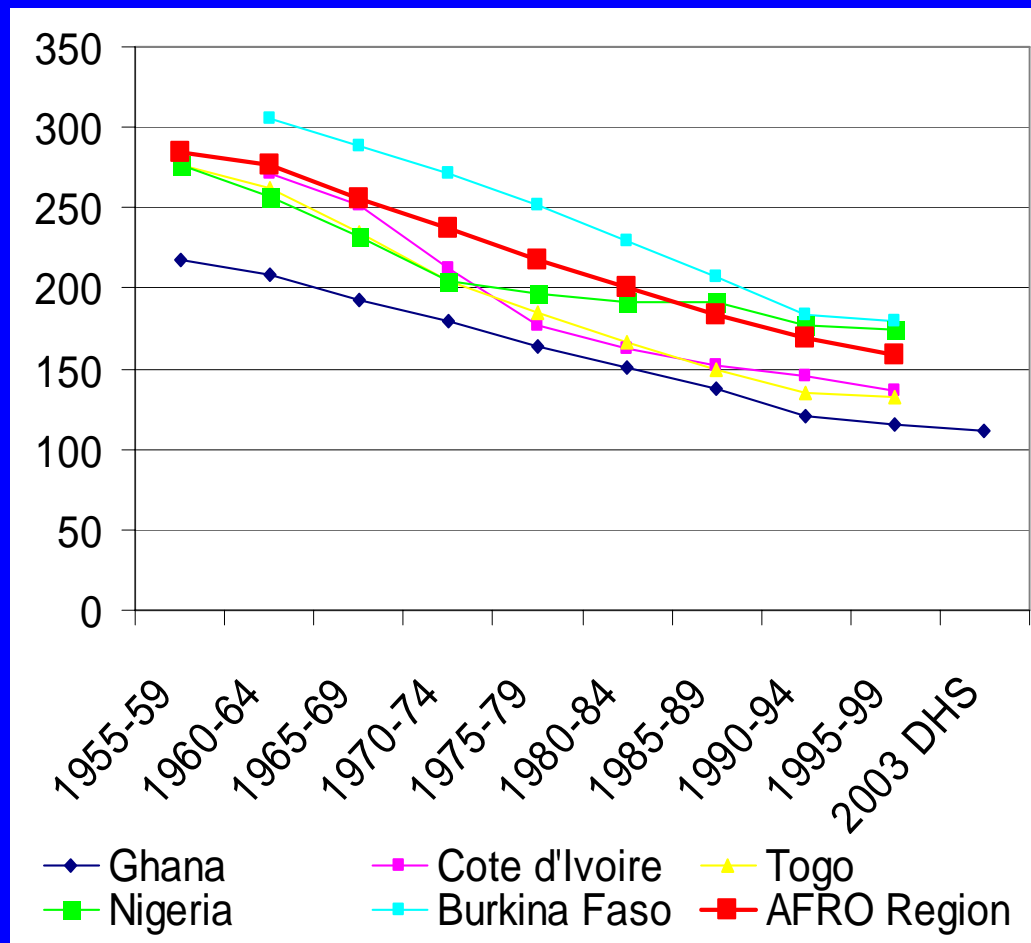
Trend in Ghana's under-five mortality rate, 1955 – 2003 (with 95% confidence interval for 2003 DHS)

Source: 2003 DHS plus Ahmad, Lopez and Inoue for 1955 – 1999



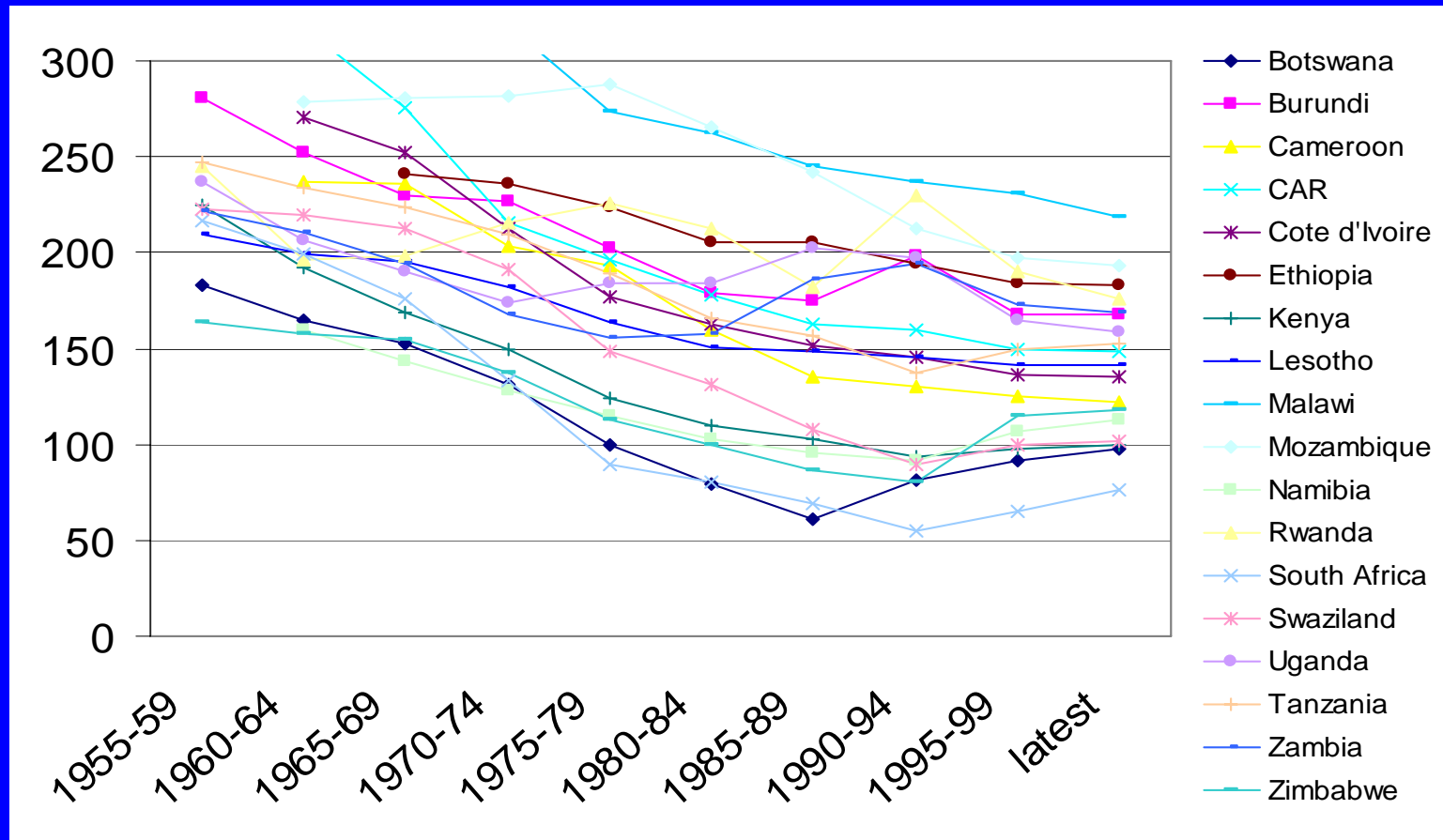
Trends in under-five mortality rate in Ghana and neighbours, 1955 – 2003

Source: Ahmad, Lopez and Inoue for 1955 – 1999



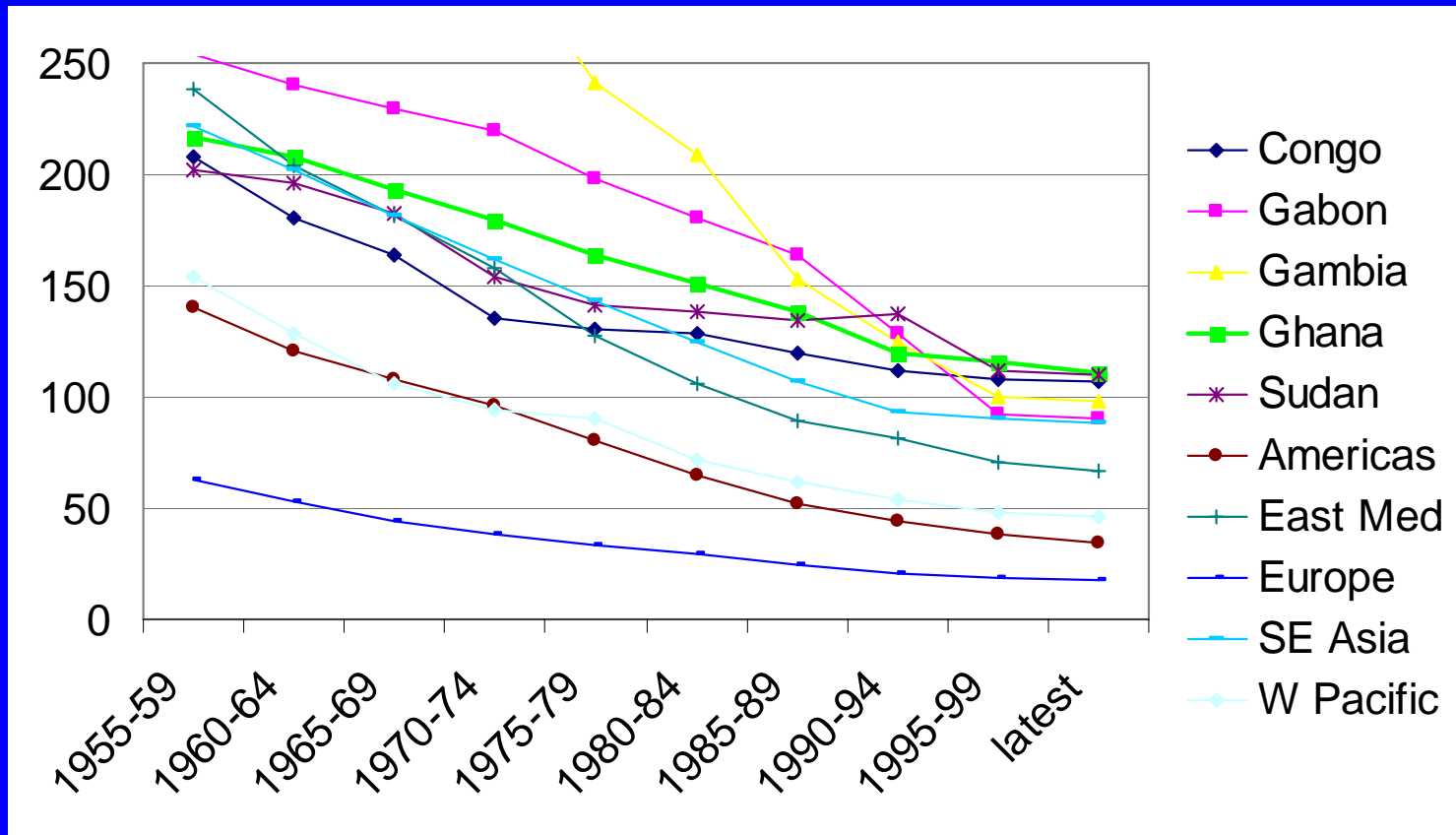
Trends in under-five mortality rates in countries where more than 10% of pregnant women are now HIV +

Source: 1955-1999 mortality data from Ahmad, Lopez and Inoue



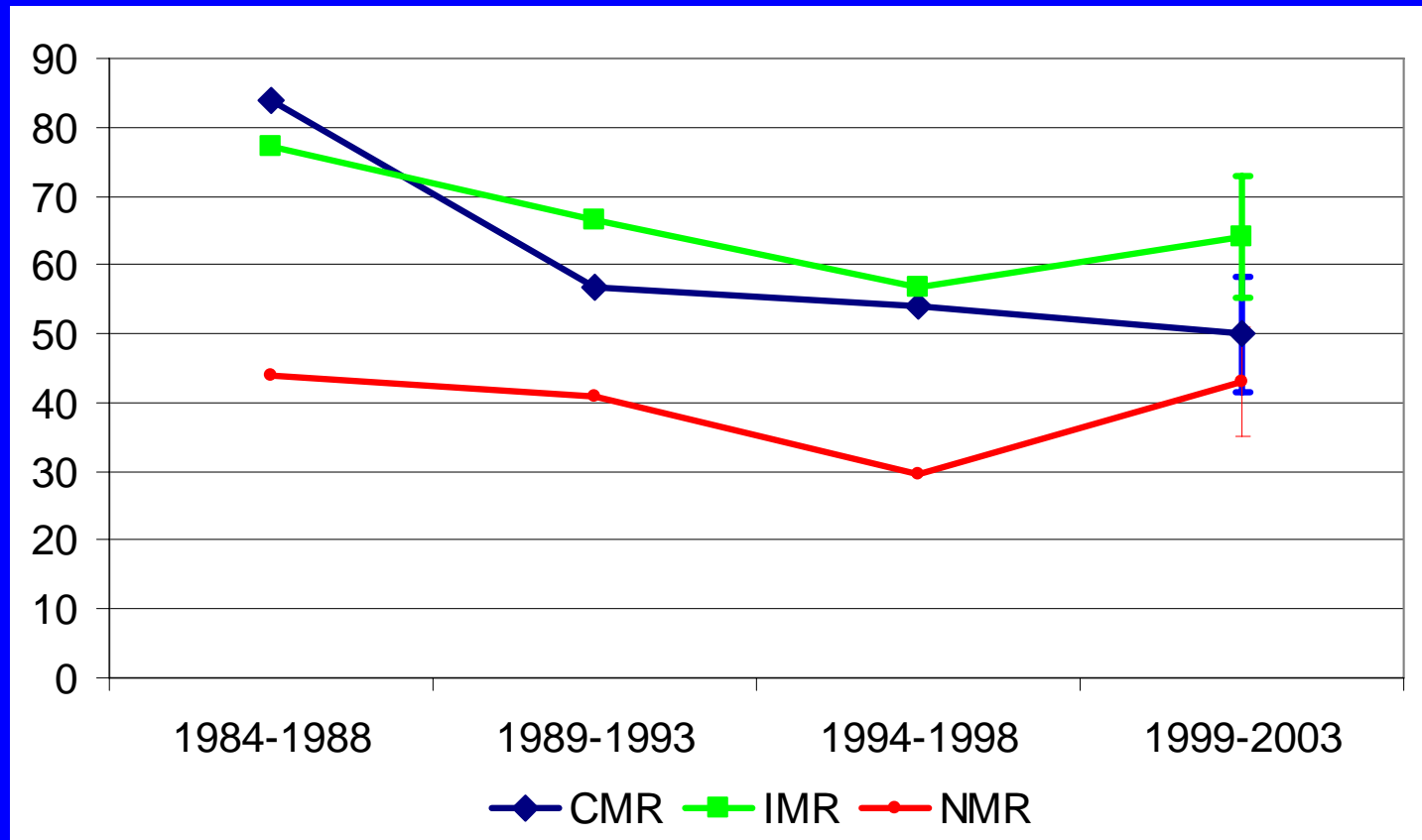
Trends in under-five mortality rates in countries with HIV prevalence < 10% and under-five mortality rates of < 125

Source: 1955-1999 mortality data from Ahmad, Lopez and Inoue

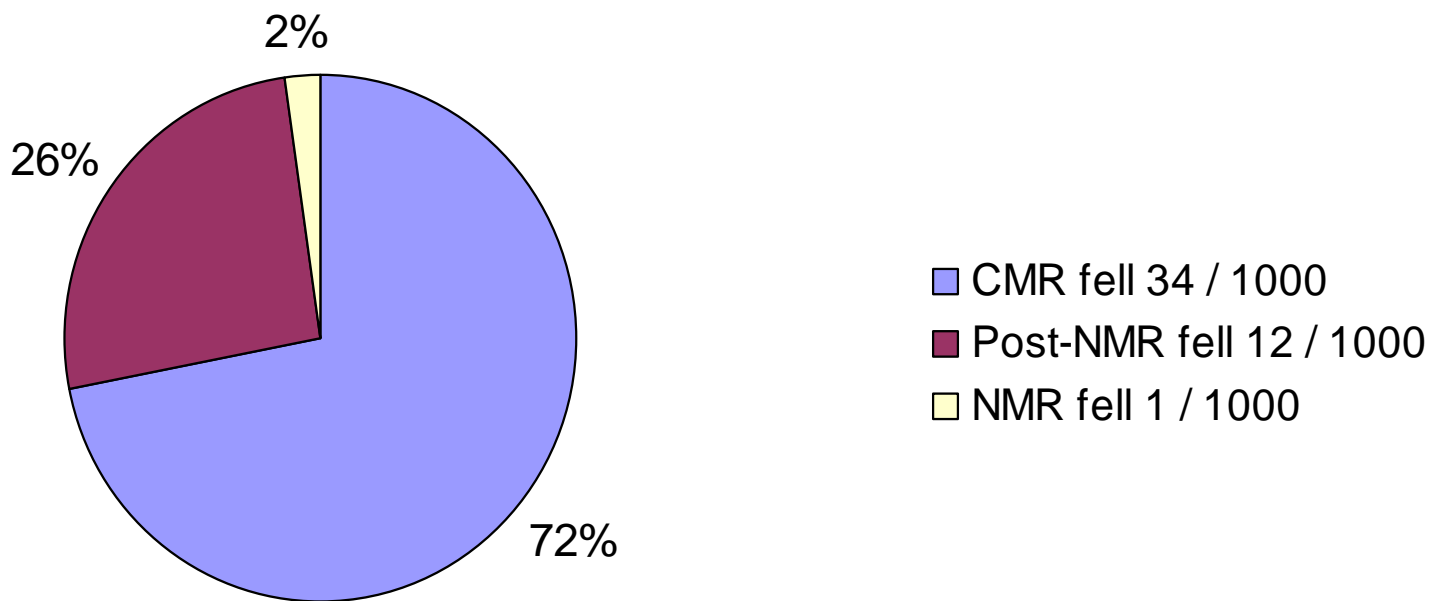


Trends in Ghana's childhood mortality rates for the five year periods preceding the DHS: CMR (12 – 59 months), IMR (0 – 11 months) and NMR (< 1 month),

Source: 1988, 1993, 1998 and 2003 DHS

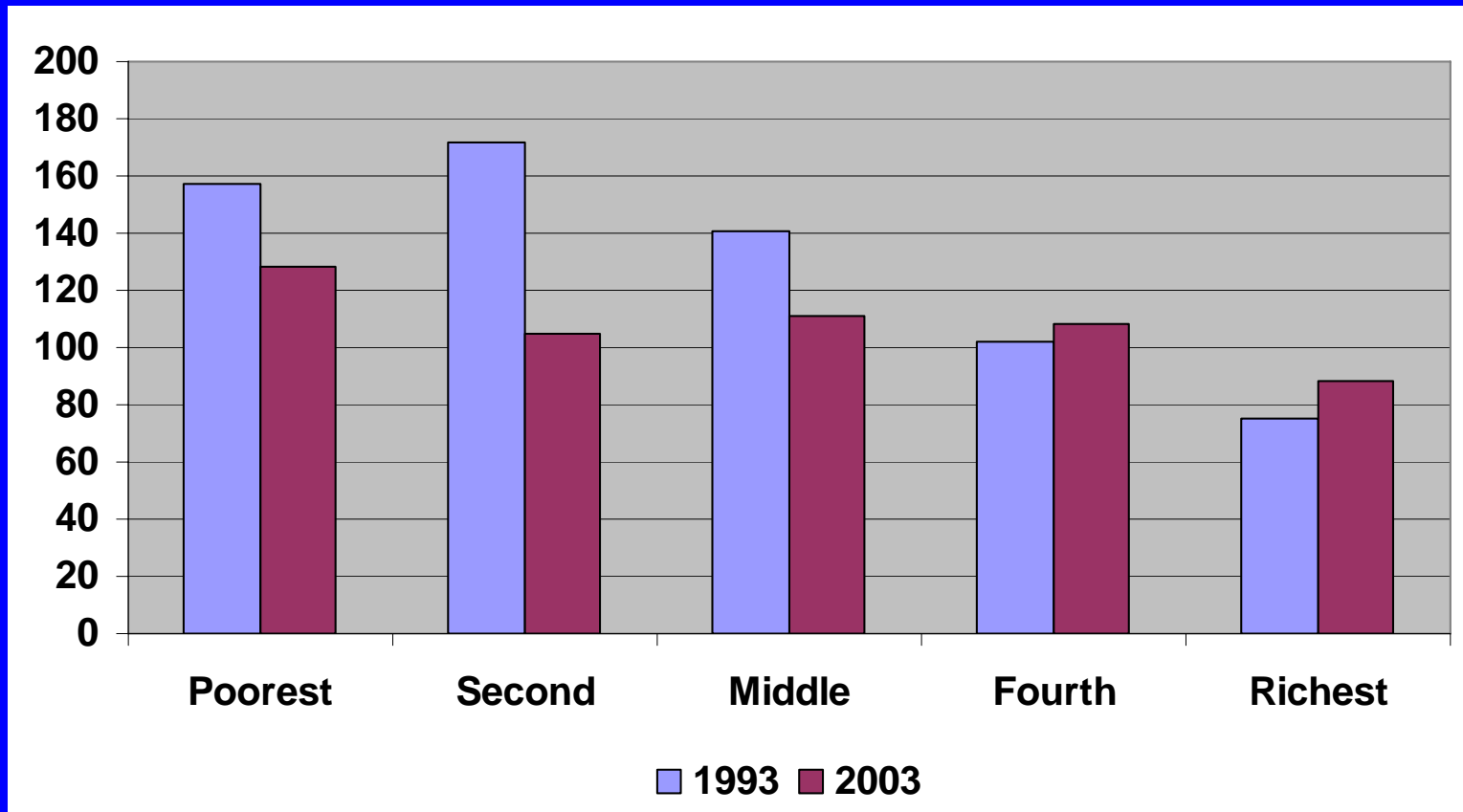


Between 1984-1988 and 1999-2003 the under-five mortality rate in Ghana declined by 43 per 1000 live births



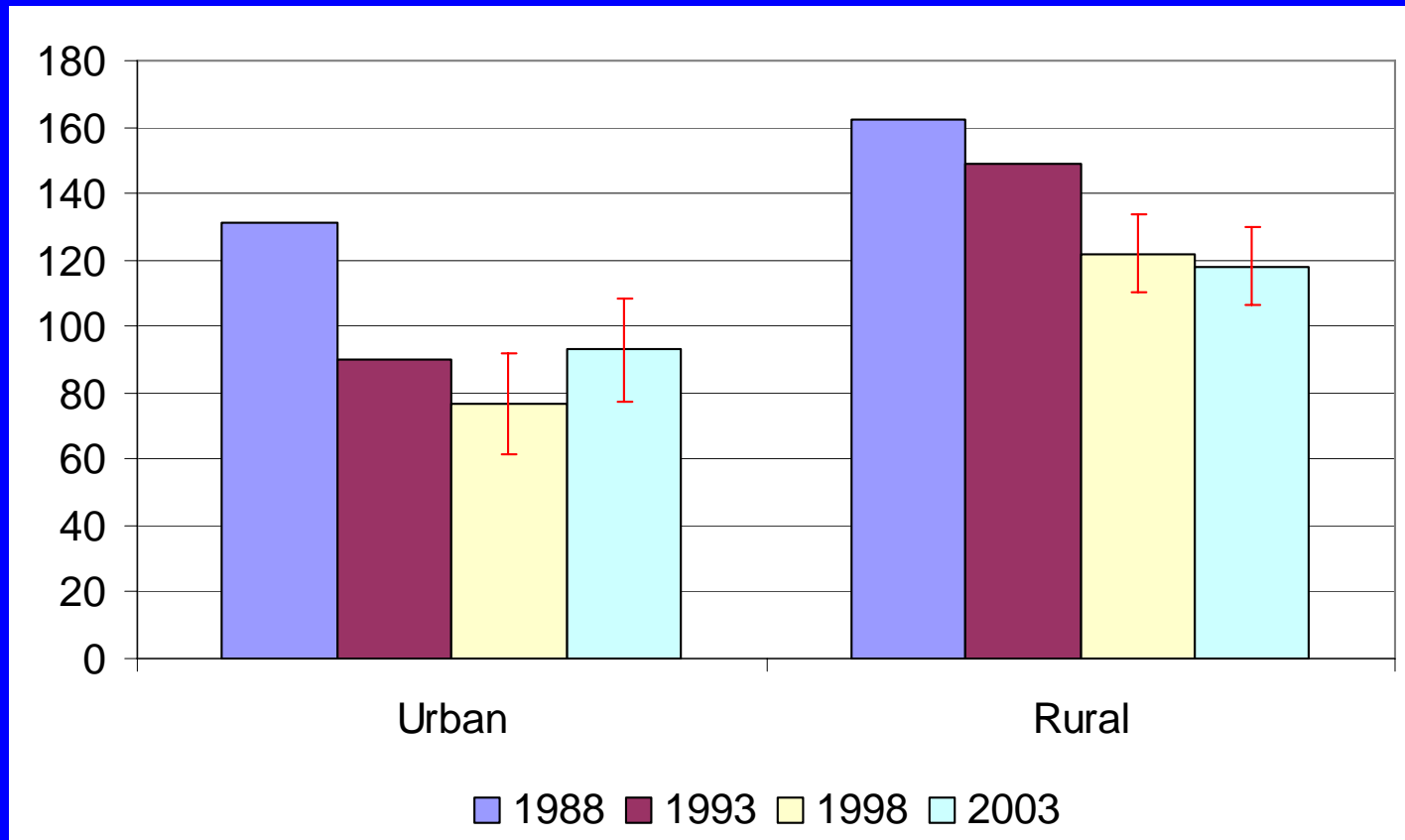
Trends between 1993 and 2003 in the under-five mortality rate during the ten year period preceding the DHS, by wealth quintile

Source: 1993 and 2003 GDHS and Gwatkin *et al*



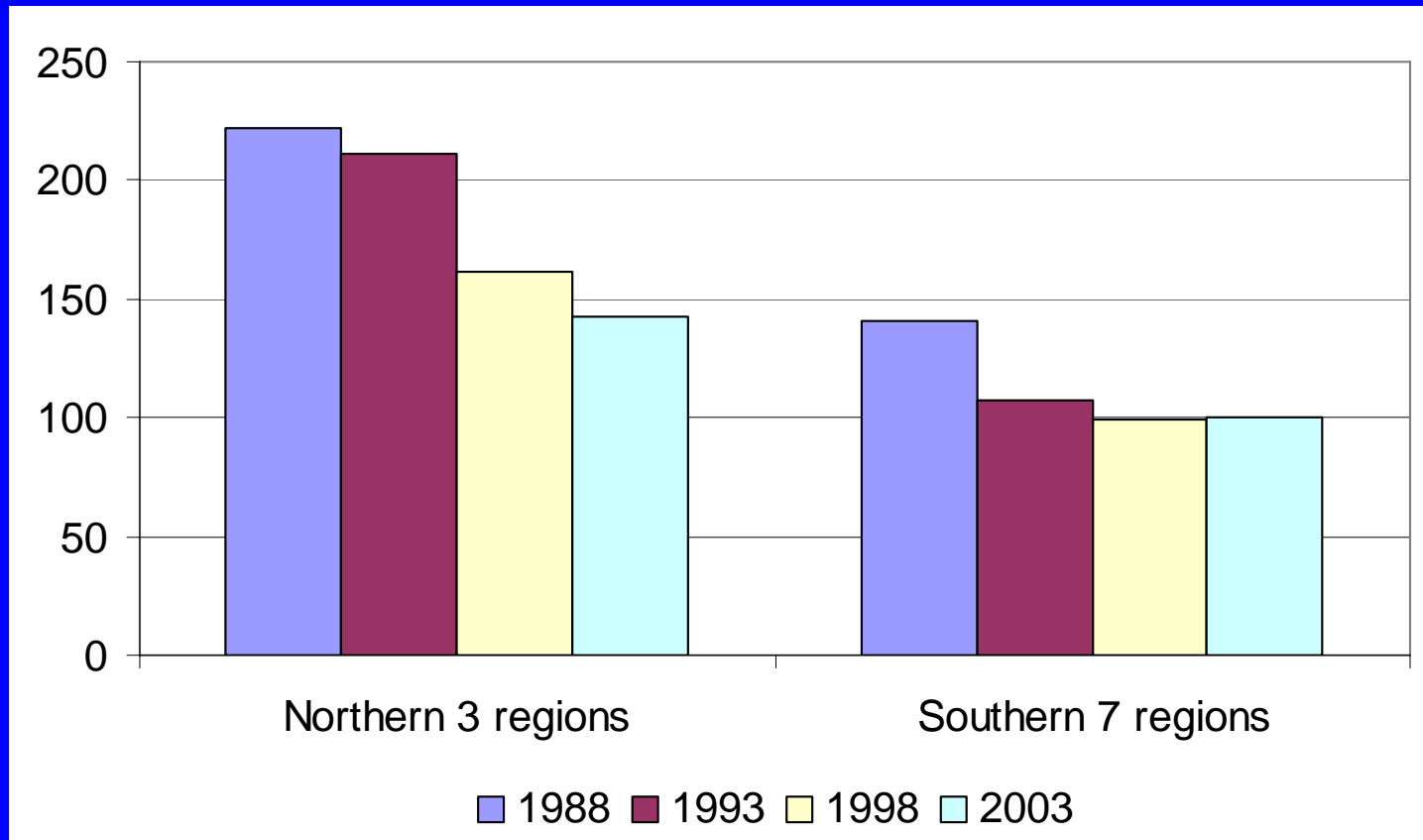
Trends in between 1988 and 2003 in the under-five mortality rate during the ten year period preceding the DHS, by urban vs. rural (with 95% confidence intervals)

Source: 1988, 1993, 1998 and 2003 GDHS



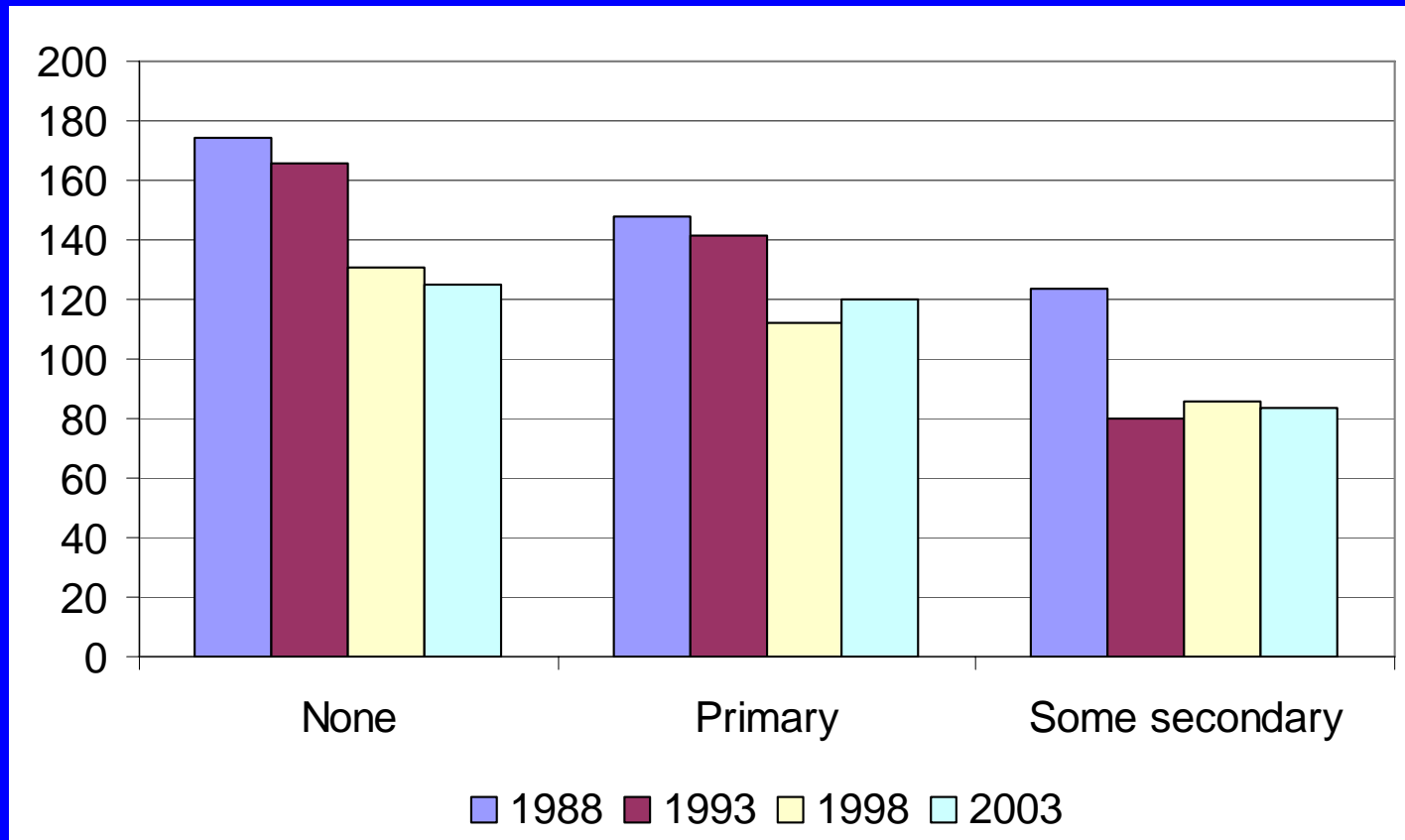
Trends between 1988 and 2003 in the under-five mortality rate in Ghana during the ten year period preceding the DHS, by north vs. south

Source: 1988, 1993, 1998 and 2003 GDHS



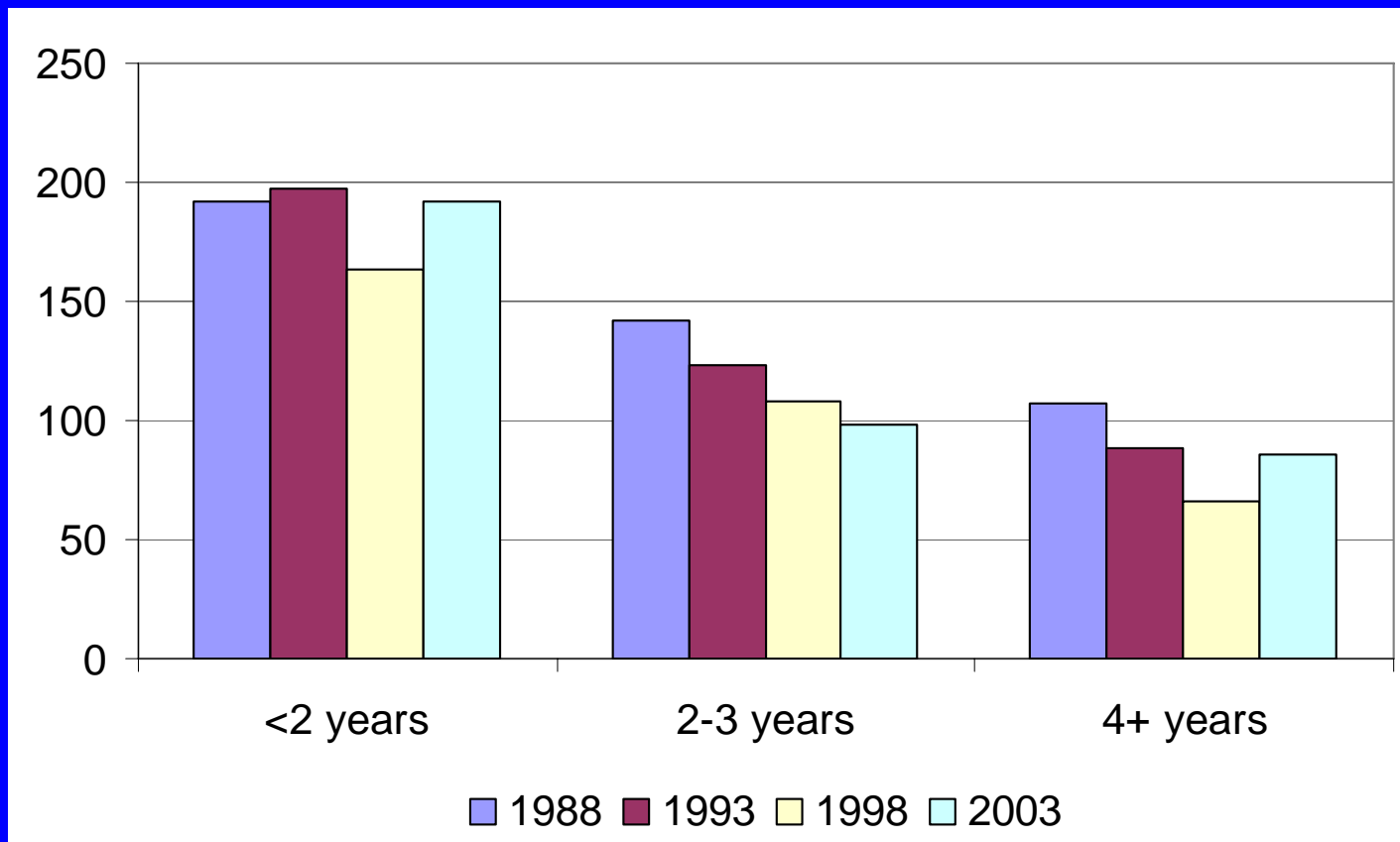
Trends between 1988 and 2003 in the under-five mortality rate in Ghana during the ten year period preceding the DHS, by mother's education

Source: 1988, 1993, 1998 and 2003 GDHS



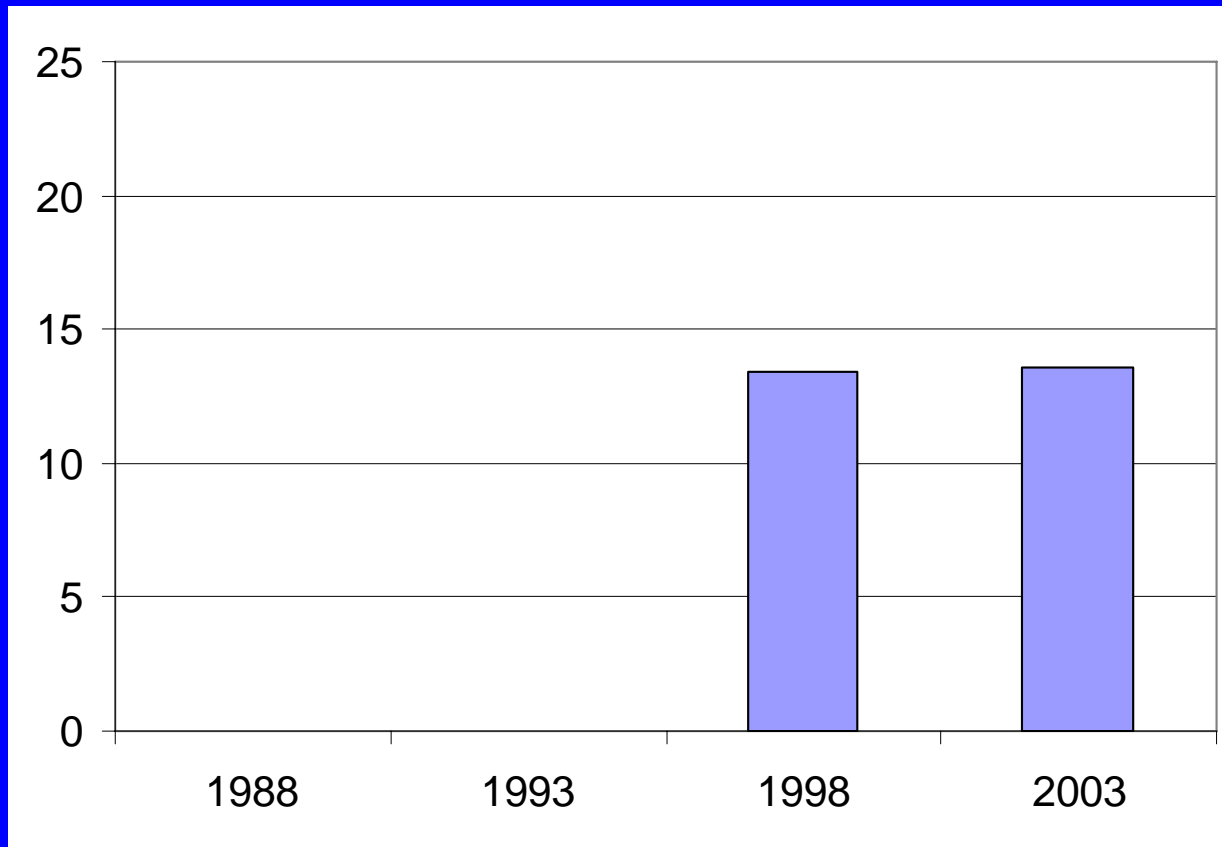
Trends between 1988 and 2003 in the under-five mortality in Ghana during the ten year period preceding the DHS, by birth interval

Source: 1988, 1993, 1998 and 2003 GDHS



Percentage of birth intervals less than 2 years, of births during the five years preceding the DHS, 1988 to 2003

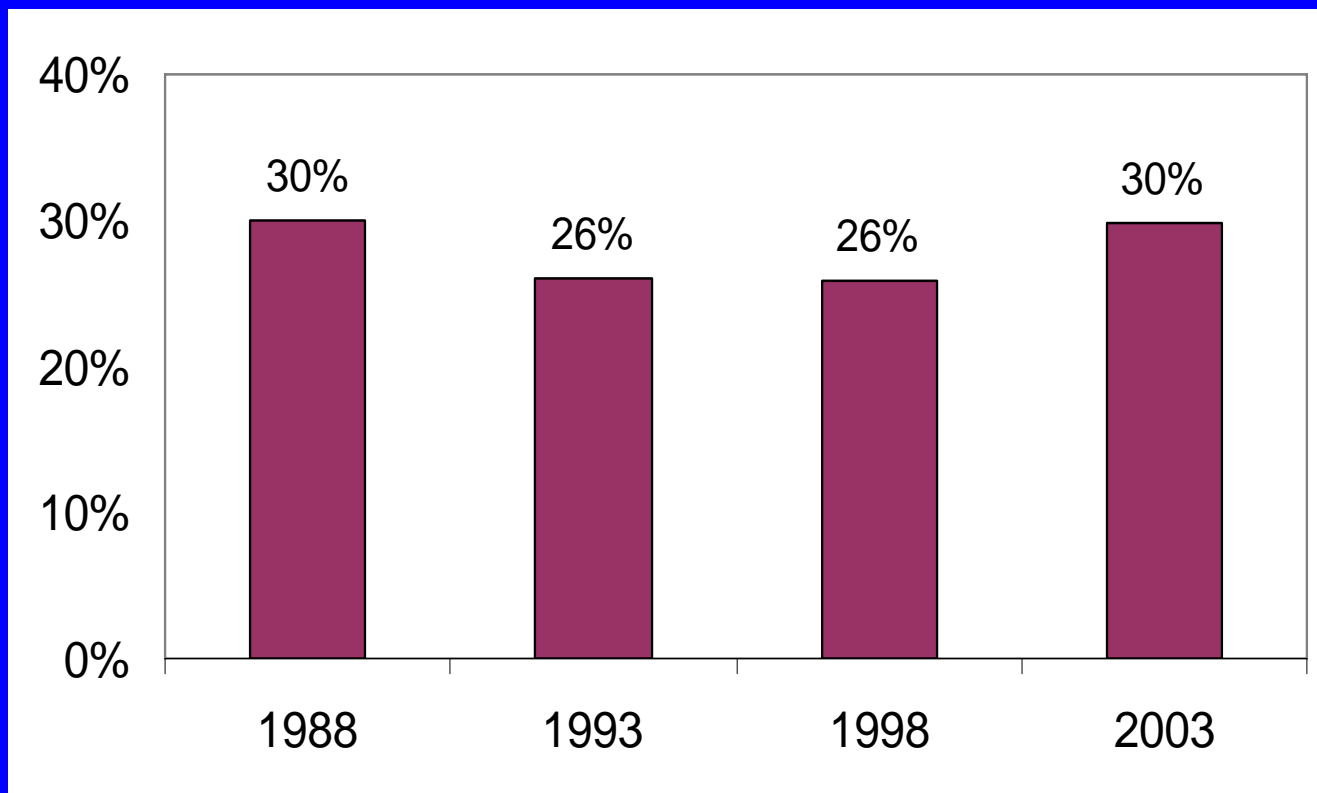
Source: 1988, 1993, 1998, 2003 GDHS



Prevalence of stunting among Ghanaian children 3-35 months (1988), 1-35 months (1993) or 0-59 months (1998 & 2003)

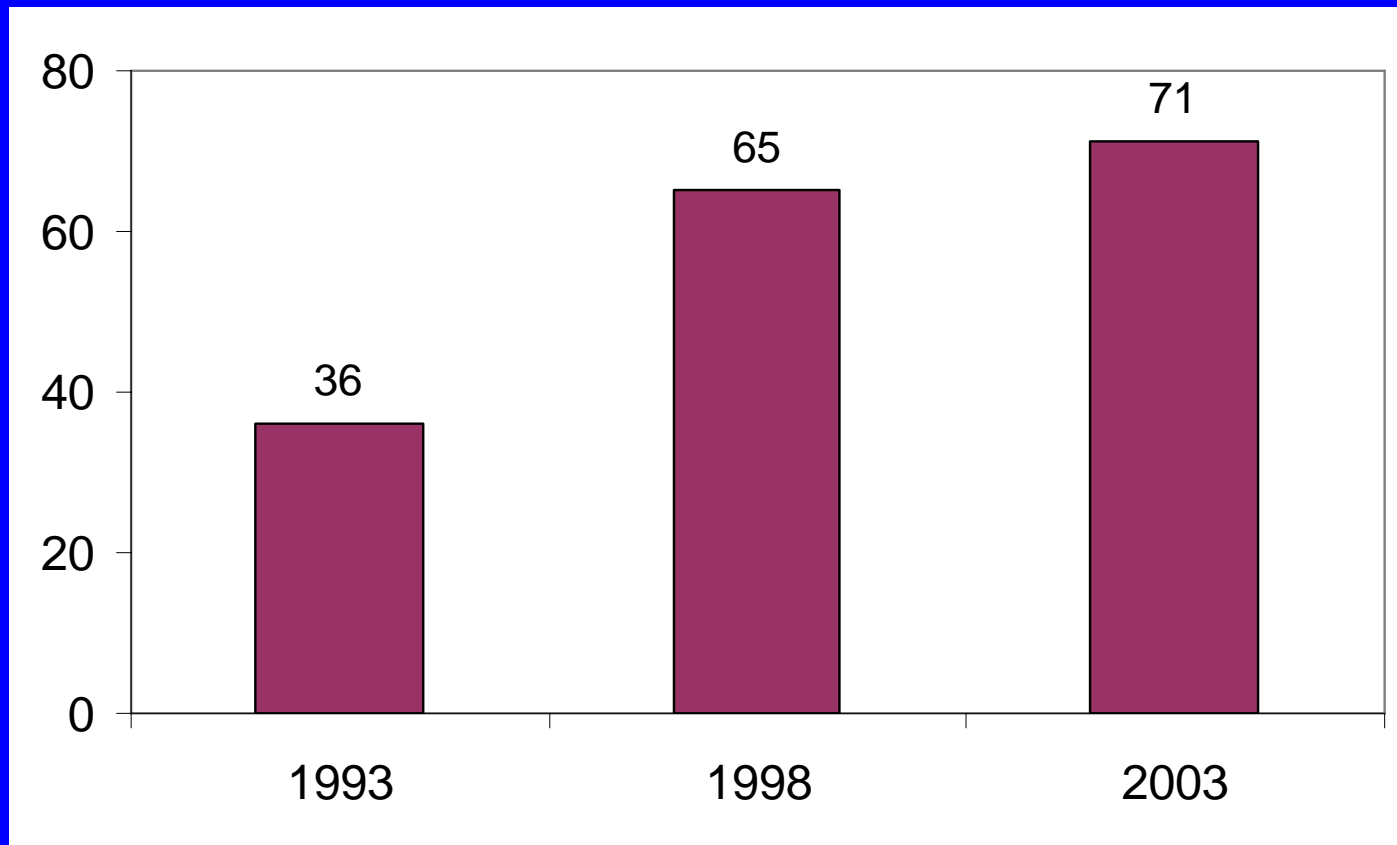
Note: stunting (height for age below – 2 S.D.) indicates chronic malnutrition

Source: 1988, 1993, 1998 and 2003 GDHS



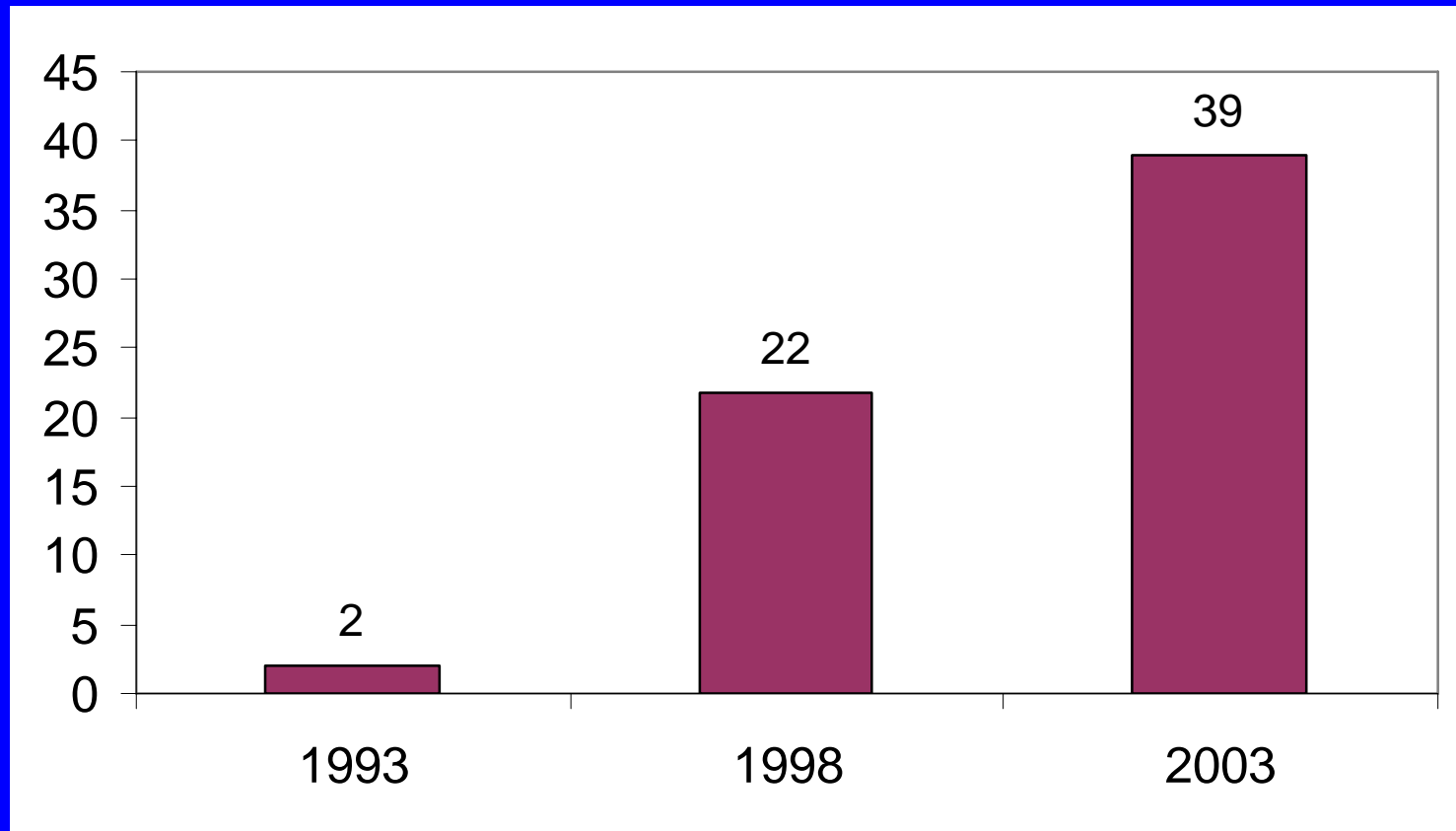
Trend in the % of infants 6 to 9 months of age fed with any solid or mushy foods, Ghana 1993 – 2003

Source: 1993, 1998 and 2003 GDHS



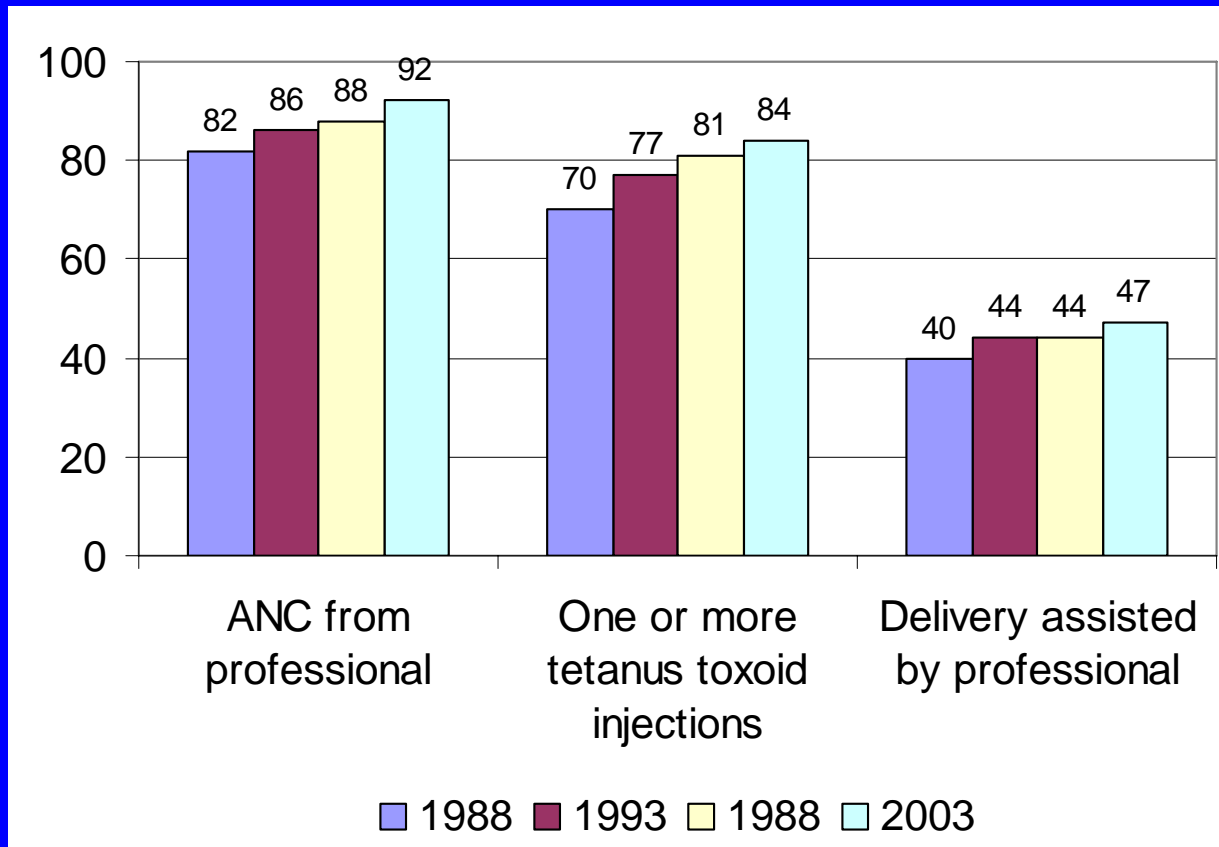
Trend in the prevalence of exclusive breastfeeding among infants 4 to 5 months of age, Ghana 1993 – 2003

Source: 1988, 1993, 1998 and 2003 GDHS



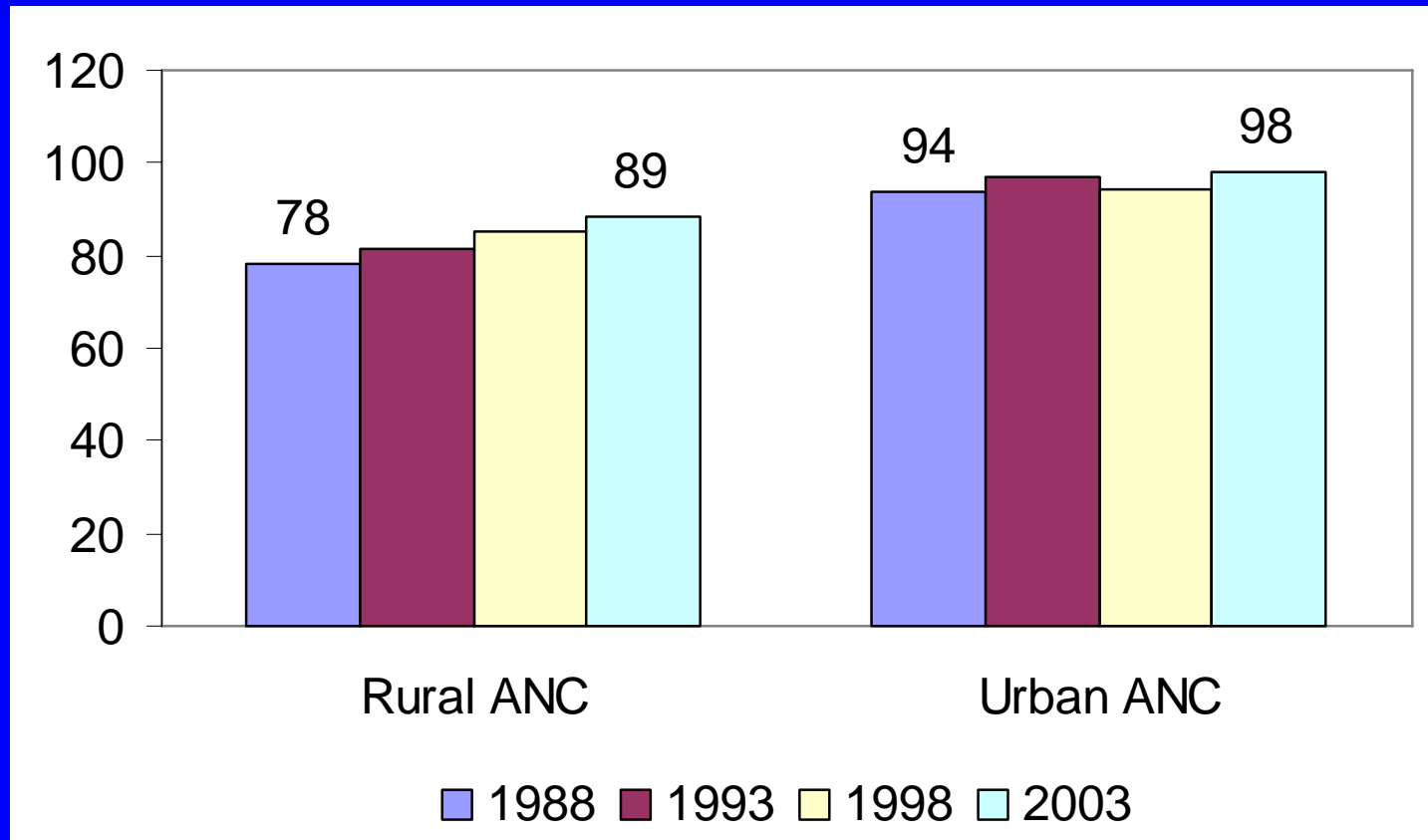
Trends in maternity care indicators Ghana, 1988 – 2003

Source: 1988, 1993, 1998, 2003 GDHS



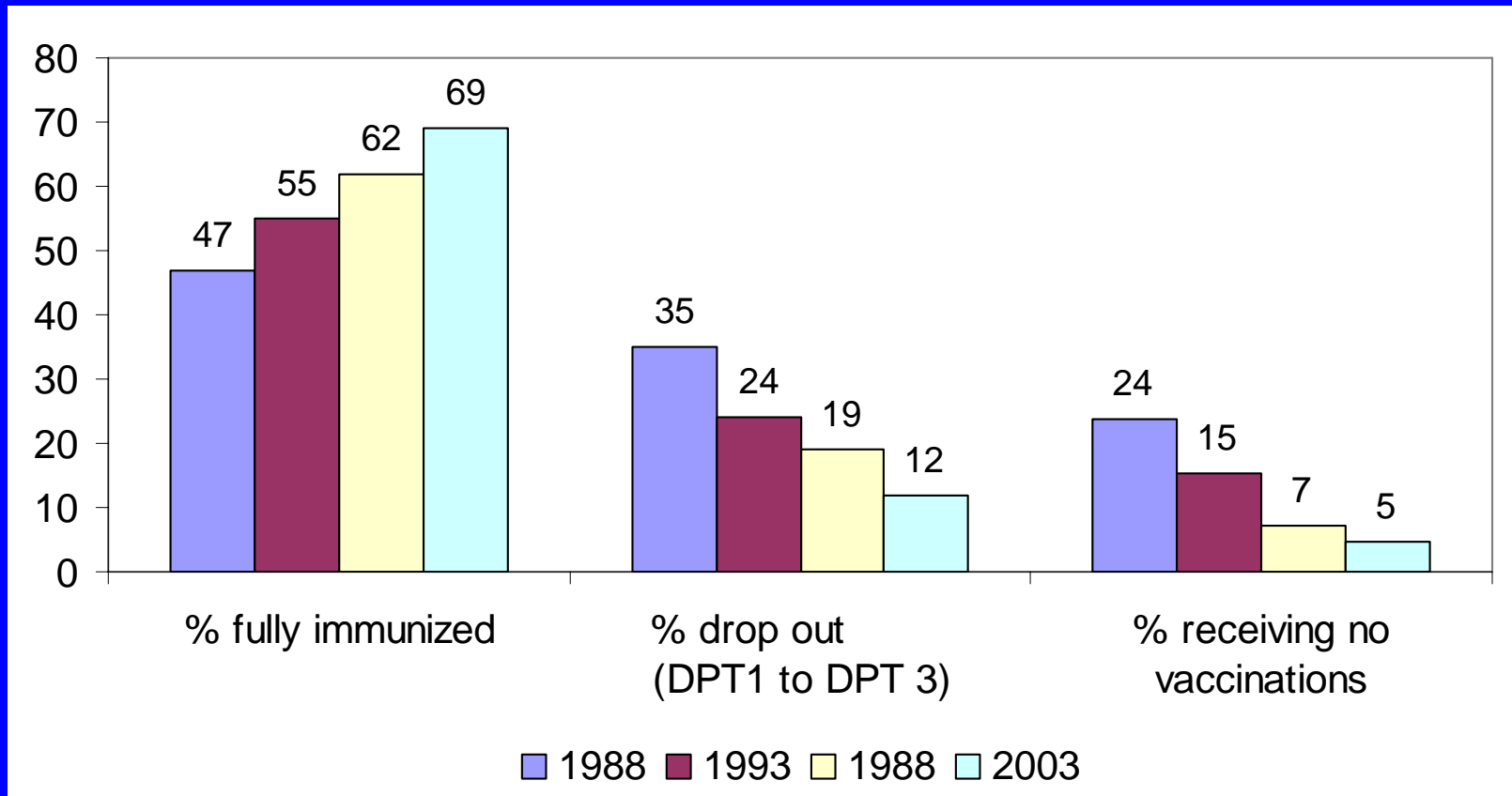
% pregnant women receiving professional antenatal care 1988 – 2003, rural vs. urban

Source: 1988, 1993, 1998 and 2003 GDHS



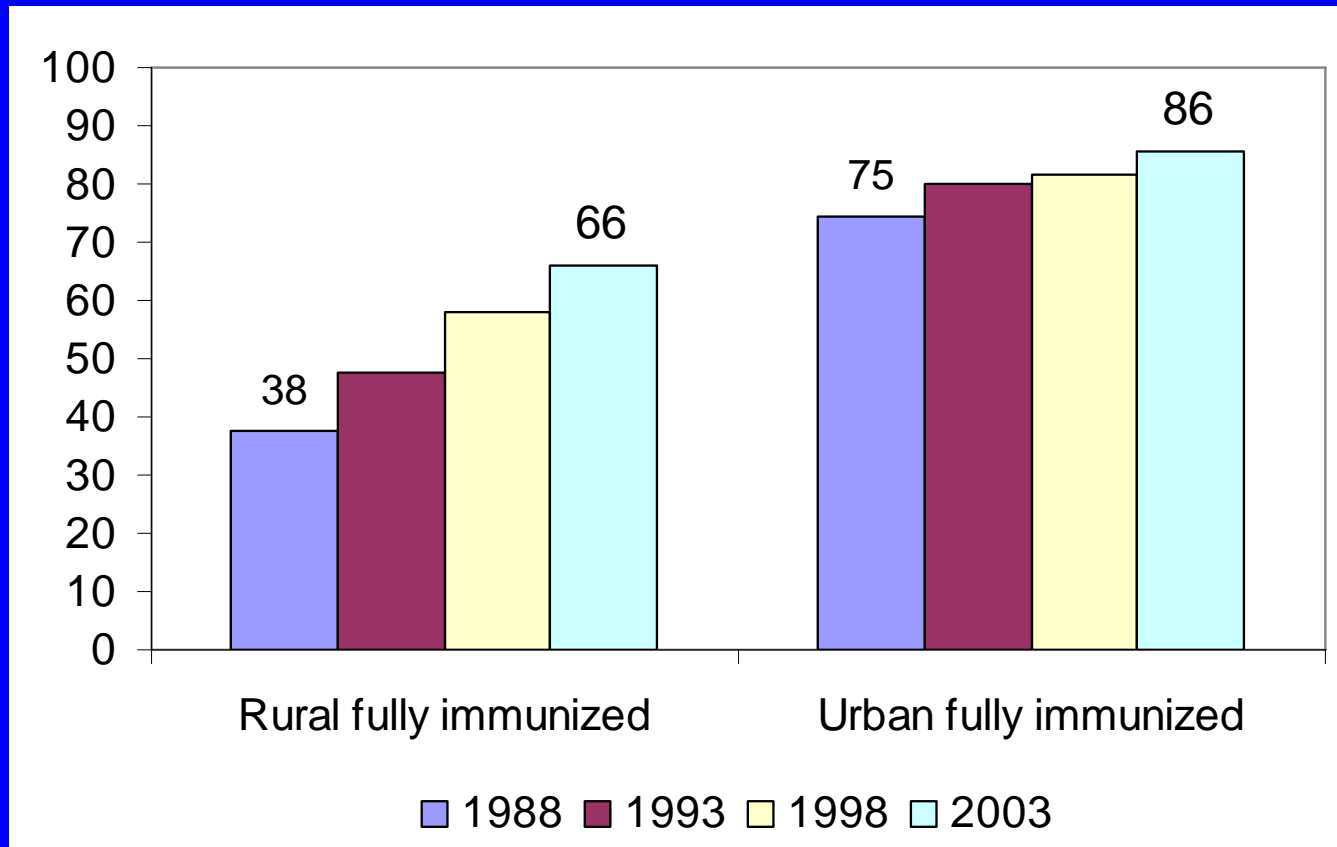
Trends in immunization coverage in Ghana, 1988 – 2003

Source: 1988, 1993, 1998 and 2003 GDHS



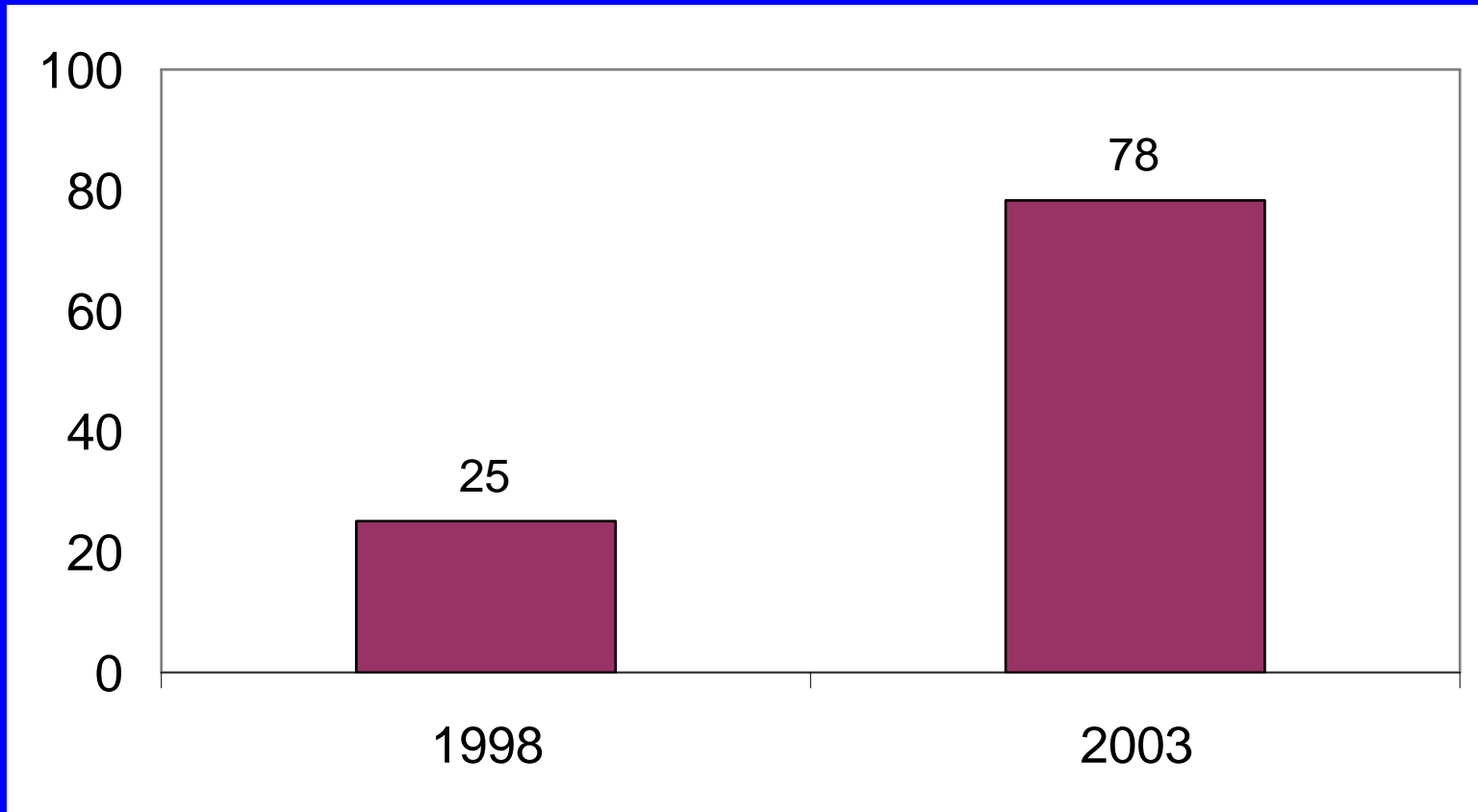
% children 12 – 23 months who are fully immunized, 1988 – 2003 rural vs. urban

Source: 1988, 1993, 1998 and 2003 GDHS



% of children 12-23 months (1998) or 6-59 months (2003) who received a vitamin A supplement in the preceding 6 months

Source: 1998 and 2003 GDHS



% of children with diarrhoea given ORT Ghana 1988 – 2003, rural vs. urban

Source: 1988, 1993, 1998 and 2003 GDHS

