

# 2008–09 Kenya Demographic and Health Survey (KDHS)

The 2008–09 Kenya Demographic and Health Survey (KDHS) provides up-to-date information on the population and health situation in Kenya. The 2008–09 KDHS is the fifth national demographic and health survey conducted in the country.

The survey is based on a nationally representative sample. It provides estimates for rural and urban areas of the country and for each of the eight provinces. The survey also included HIV testing.

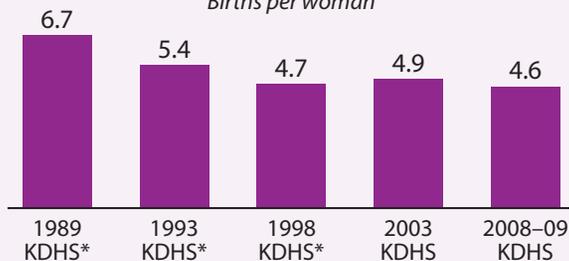
Households interviewed	9,057
Women (age 15–49) interviewed	8,444
Men (age 15–54) interviewed	3,465

### Response rates

Households interviewed	98%
Women interviewed	96%
Men interviewed	89%

### Trends in Fertility

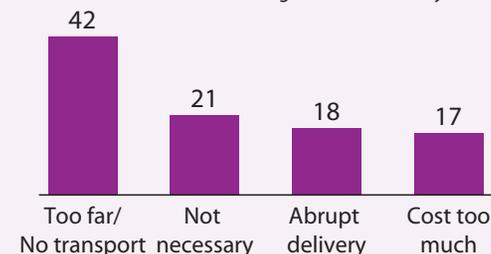
*Births per woman*



\* The first three surveys excluded North Eastern Province and several northern districts in Eastern and Rift Valley Provinces, while the data for the 2003 and 2008–09 KDHS include the entire country.

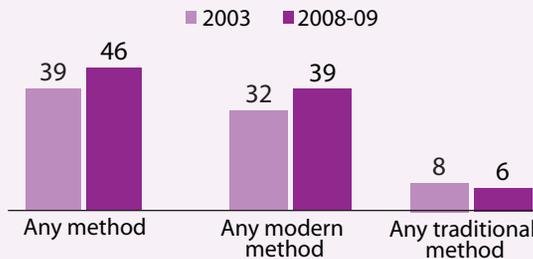
### Reasons for Not Delivering at a Health Facility

*Percent of women with a live birth in the 5 years before the survey who did not deliver at a health facility by reason for not delivering in a health facility*



### Trends in Family Planning Use

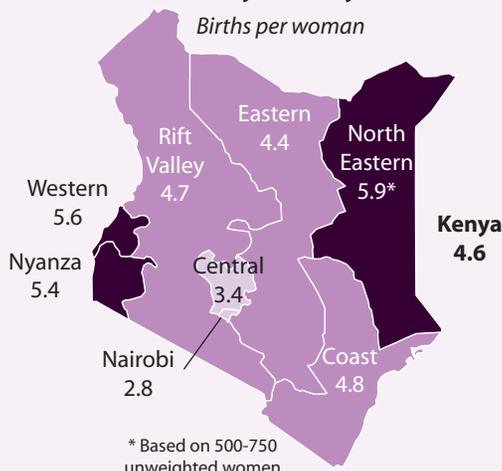
*Percent of married women age 15–49*



The maternal mortality ratio in Kenya is 488 deaths per 100,000 live births.

### Total Fertility Rate by Province

*Births per woman*



\* Based on 500–750 unweighted women

### Trends in Maternal Health Care

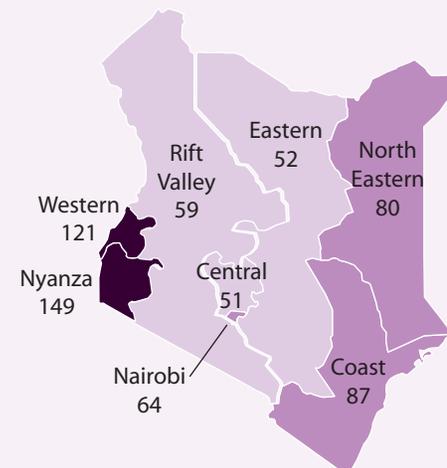
*Percent of women with a live birth in the 5 years before the survey*

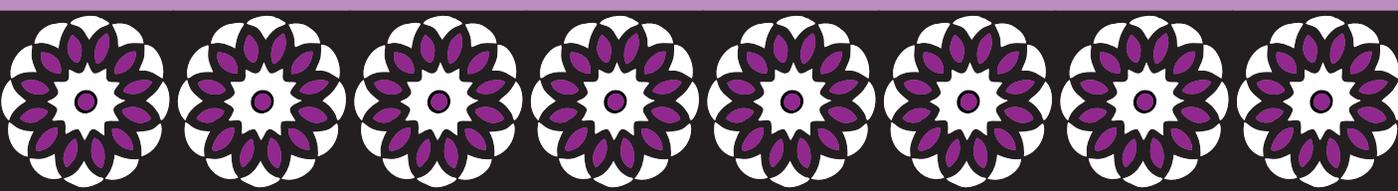


\*Skilled provider includes doctor, nurse, or midwife.

### Under-five Mortality by Province

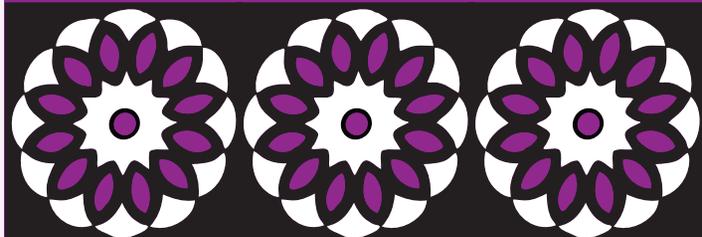
*Deaths per 1,000 births for the 10-year period before the survey*





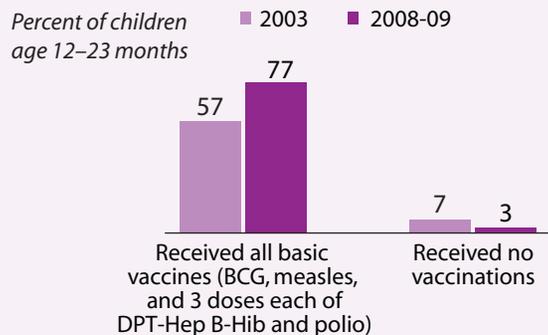
# 2008–09 Kenya Demographic and Health Survey

## Fact Sheet



# Kenya

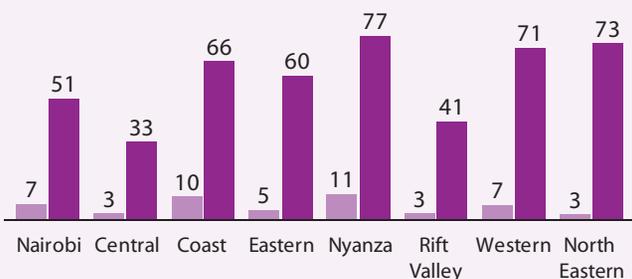
### Trends in Vaccination Coverage



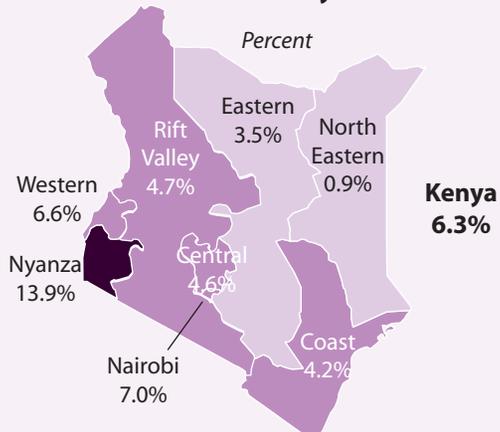
### Trends in ITN Ownership

Percent of households that own an ITN

■ 2003 KDHS ■ 2008–09 KDHS



### HIV Prevalence by Province



For additional information on the results of the 2008–09 Kenya Demographic and Health Survey, please contact:

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The 2008-09 Kenya Demographic and Health Survey (KDHS) was carried out by the Kenya National Bureau of Statistics (KNBS) in partnership with the National AIDS Control Council (NACC), the National AIDS/STD Control Programme (NAS COP), the Ministry of Health and Sanitation, the Kenya Medical Research Institute (KEMRI), and the National Coordinating Agency for Population and Development (NCA PD). ICF Macro provided technical assistance for the survey through the USAID-funded MEASURE DHS programme. Funding for the KDHS was received from USAID/Kenya, the United Nations Population Fund (UNFPA), and the United Nations Children's Fund (UNICEF).



# KDHS 2008–09

## Province

Total Nairobi Central Coast Eastern Nyanza Rift Valley Western North Eastern

### Fertility

Total fertility rate	4.6	2.8	3.4	4.8	4.4	5.4	4.7	5.6	(5.9)
Women age 15–19 who are mothers or now pregnant (%)	18	14	10	26	14	27	17	15	16
Median age at first marriage for women age 25–49 (years)	20.0	24.2	20.7	19.5	20.2	18.9	19.7	19.2	17.9
Median age at first intercourse for women age 25–49 (years)	18.2	20.3	18.4	18.2	17.8	16.5	18.5	17.5	18.5
Married women (age 15–49) wanting no more children (%)	54	48	64	42	65	49	54	58	5
Mean ideal number of children for women 15–49	3.8	2.8	3.1	4.6	3.4	3.7	4.0	3.9	8.8

### Family Planning

Current use of any modern method (currently married women 15–49) (%)	39	49	63	30	44	33	35	41	4
Currently married women with an unmet need for family planning <sup>1</sup> (%)	26	15	16	25	24	32	31	26	16

### Maternal and Child Health

#### Maternity care (women who gave birth in past 5 years)

Received antenatal care from a skilled provider <sup>2</sup> (%)	92	96	93	95	93	94	88	92	70
Births assisted by a skilled provider <sup>2</sup> (%)	44	89	74	46	43	46	34	26	32
Births delivered in a health facility (%)	43	89	73	44	43	44	33	25	17

#### Child vaccination

Children 12–23 months fully vaccinated <sup>3</sup> (%)	77	73	86	76	84	65	85	73	48
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### Nutrition

Children <5 years who are stunted (moderate or severe) (%)	35	29	32	39	42	31	36	34	35
Children <5 years who are wasted (moderate or severe) (%)	7	4	5	11	7	4	9	2	20
Children <5 years who are underweight (moderate or severe) (%)	16	8	12	24	20	11	19	12	25
Median duration of any breastfeeding (months)	20.5	14.6	19.2	19.8	25.5	18.6	21.0	19.9	17.4
Median duration of exclusive breastfeeding (months)	0.7	0.5	0.6	0.5	2.6	0.6	1.7	1.1	0.4

### Childhood Mortality

#### Number of deaths per 1,000 births:<sup>4</sup>

Infant mortality (between birth and first birthday)	52	60	42	71	39	95	48	65	57
Under-five mortality (between birth and fifth birthday)	74	64	51	87	52	149	59	121	80

### Malaria

Households with at least one insecticide-treated net (ITN) (%)	56	51	33	66	60	77	41	71	73
Children <5 who slept under an ITN the night before the survey (%)	47	52	35	57	51	61	30	55	63
Pregnant women who slept under an ITN the night before the survey (%)	49	(46)	26	64	54	58	30	69	61
Pregnant women who received 2+ doses of SP/Fansidar as IPT during antenatal care	14	10	16	13	15	17	13	13	10
Among children with fever, percent who received antimalarial drugs the same or next day (%)	12	8	10	9	18	15	5	20	7

### HIV and AIDS-related Knowledge

Knows ways to reduce the risk of getting HIV:	Women/Men								
Having one sex partner (%)	92/93	95/95	95/98	94/91	96/91	94/96	87/95	86/82	80/83
Using condoms (%)	75/81	86/95	83/87	73/77	71/80	81/89	72/81	75/68	17/23
Knows a healthy-looking person can have HIV (%)	90/92	94/99	98/96	90/92	94/94	94/95	83/88	90/90	55/69
Knows HIV can be transmitted to infant by breastfeeding (%)	87/87	90/84	93/89	88/91	89/87	89/94	87/85	85/84	41/39
Knows risk of MTCT can be reduced by mother taking special drugs during pregnancy (%)	69/70	84/65	78/77	61/58	64/69	85/83	58/68	72/66	14/20

### HIV Prevalence

HIV prevalence for women age 15–49	8.0	10.8	6.2	5.8	3.8	16.0	6.3	9.2	0.9
HIV prevalence for men age 15–49	4.3	3.4	2.6	2.3	3.0	11.4	2.8	3.4	0.9

### Women's Experience of Violence

Ever experienced physical violence since age 15 (women 15–49) (%)	39	29	34	32	33	57	36	45	32
Ever experienced physical or sexual violence committed by a husband/partner (women 15–49) (%)	41	24	38	33	33	55	42	52	34

Numbers in parentheses are based on 500–750 cases (for fertility) and 25–49 unweighted cases (for malaria). <sup>1</sup> Currently married women who do not want any more children or want to wait at least 2 years before their next birth but are not currently using a method of family planning. <sup>2</sup> Skilled provider includes doctor, nurse, or midwife. <sup>3</sup> Fully vaccinated includes BCG, measles, and three doses each of DPT-Hep B-Hib and polio. <sup>4</sup> Figures are for the ten-year period before the survey, except for the national rate, in italics, which represents the five-year period before the survey.