REPUBLIC OF KENYA

KNBS KENYA NATIONAL BUREAU OF STATISTICS *Keeping you informed*

2022 KENYA DEMOGRAPHIC AND HEALTH SURVEY

Key Indicators	Kenya	Urban	Rural	Mombasa	Kwale	Kilifi	Tana River	Lamu	Taita/ Taveta	Garissa	Wajir	Mandera	Marsabit	Isiolo	Meru	Tharaka-Nithi	Embu	Kitui	Machakos	Makueni	Nyandarua	Nyeri	Kirinyaga	Murang'a	Kiambu	Turkana	West Pokot	Samburu	Uasin Gishu	Trans Nzoia	Elgeyo/ Marakwet	Nandi	Baringo	Laikipia	Nakuru	Narok	Kajiado	Kericho	Bomet	Kakamega	Vihiga	Bungoma	Busia	Siaya	Kisumu	Homa Bay	Migori	Kisii	Nyamira	Nairobi City
Characteristics of Household and Respondents																																																		
Household population with access to at least basic drinking water service (%)	**68**	91	56	52	47	66	49	66	68	71	53	54	41	72	74	61	73	21	68	46	90	91	76	81	94	42	38	29	79	72	64	46	39	70	73	48	74	63	74	74	75	70	57	49	72	57	53	44	56	99
Household population with at least basic sanitation service (%)	**41**	47	38	47	32	29	9	44	57	37	20	36	23	27	36	46	48	50	61	46	34	51	64	50	48	9	20	14	50	66	29	37	46	32	43	32	43	29	77	33	61	40	31	35	35	27	18	29	28	49
Household population relying on clean fuels and technologies for cooking, space heating, & lighting (%)	**21**	53	5	42	8	9	2	11	12	5	2	1	2	13	9	9	15	6	29	7	7	28	31	15	57	2	2	2	19	7	2	8	2	16	20	5	49	6	4	7	5	6	7	6	15	5	6	10	3	76
Women age 15-49 with no formal education (%)	**6**	3	7	7	18	13	42	13	2	52	60	71	62	26	2	<1	1	2	<1	<1	<1	<1	1	1	1	59	30	49	1	2	<1	1	6	6	1	15	11	<1	<1	3	1	1	3	1	1	1	2	1	<1	1
Men age 15-49 with no formal education (%)	**3**	2	4	3	4	1	30	6	1	16	27	34	29	9	4	<1	<1	2	<1	<1	1	1	1	1	1	41	13	26	<1	<1	<1	1	3	3	1	9	9	1	<1	1	1	<1	1	1	<1	1	1	<1	1	1
Fertility and Family Planning (FP)																																																		
Total fertility rate (average number of children per woman)	**3.4**	2.8	3.9	2.9	4.2	3.4	5.7	4.6	3.5	5.3	6.8	7.7	6.3	4.5	3.4	3.1	3.1	3.2	2.8	3.3	3.6	3.1	2.8	3.5	2.9	6.0	6.9	5.8	3.1	3.6	4.1	3.0	4.4	3.4	3.4	4.9	3.5	3.2	3.4	3.7	3.5	3.6	3.7	4.0	3.5	3.7	4.4	3.0	2.7	2.6
Teenage pregnancy (% women age 15-19 who have ever been pregnant)	**15**	12	16	9	15	13	17	14	18	15	11	14	29	17	24	10	14	9	11	11	5	5	7	7	12	19	36	50	11	18	12	11	20	9	17	28	22	15	9	15	8	19	18	21	11	23	22	14	16	8
Use of any method of FP (% of married women age 15-49)	**63**	63	62	47	35	49	25	42	68	13	3	2	6	31	76	75	82	68	76	73	71	81	77	73	77	44	24	34	70	71	74	66	58	72	73	65	64	60	64	67	62	66	56	44	60	57	60	68	68	63
Use of any modern method of FP (% of married women age 15-49)	**57**	56	57	42	35	45	23	39	65	11	3	2	6	29	70	68	75	62	66	64	67	71	71	67	68	31	23	25	63	65	59	60	48	65	67	52	57	60	58	63	60	64	55	43	57	54	55	64	65	56
Unmet need for FP[1] (% of married women age 15-49)	**14**	12	15	19	24	18	34	17	13	10	13	17	38	27	8	10	2	17	7	11	9	5	7	5	8	16	30	29	13	14	14	18	17	5	8	15	13	17	17	13	18	14	19	27	16	17	20	15	16	13
Demand for FP satisfied by modern methods (% of married women age 15-49)	**75**	75	74	62	57	68	39	65	80	50	25	4	11	52	83	81	89	74	79	76	86	86	85	88	80	55	42	43	75	79	68	72	62	83	80	68	76	78	71	80	74	80	73	60	74	77	68	76	76	77
Maternal and Child Health																																																		
Births delivered by a skilled provider[2] (%)	**89**	97	85	96	89	85	59	93	96	68	57	55	69	85	91	95	96	86	95	92	98	99	97	96	98	53	65	57	95	93	98	87	83	93	93	70	85	92	88	96	97	87	88	95	98	91	93	94	93	99
Women age 15-49 who had 4+ antenatal visits (%)	**66**	74	62	65	72	77	61	71	65	31	45	40	67	53	45	63	62	68	77	76	61	82	68	58	67	58	35	56	72	68	52	62	49	66	73	55	81	59	53	73	79	73	71	65	63	69	59	63	66	81
Women age 15-49 who had a postnatal check during the first 2 days after birth (%)	**78**	84	74	77	90	83	60	88	87	45	37	46	41	75	59	80	94	78	92	85	82	80	94	87	89	58	70	59	75	82	88	68	83	70	82	69	82	67	80	65	92	59	91	86	90	77	73	89	88	86
Births with a postnatal check during the first 2 days after birth (%)	**83**	88	79	81	86	90	59	90	92	38	38	45	50	77	75	85	97	84	94	88	89	88	97	90	92	62	77	60	76	89	91	81	85	82	89	73	86	68	84	76	97	75	92	86	90	78	85	91	88	91
Children age 12-23 months fully vaccinated (basic antigens)[3] (%)	**80**	80	80	93	71	90	74	72	85	23	49	29	69	70	82	95	(91)	73	(88)	82	95	(78)	87	(95)	88	60	49	66	90	78	70	90	85	84	92	75	61	85	84	91	96	88	82	88	79	76	86	90	(83)	77
Neonatal mortality[4] (deaths per 1,000 live births)	**21**	21	22	32	19	24	23	26	(19)	28	37	16	4	22	20	(12)	24	13	26	26	20	(27)	37	36	28	21	27	19	17	23	27	24	33	20	25	16	14	17	17	16	16	25	22	24	21	32	37	21	27	20
Infant mortality[4] (deaths per 1,000 live births)	**32**	33	32	43	23	34	38	41	(24)	41	43	20	9	24	29	(19)	(36)	23	34	35	36	(48)	(55)	(43)	35	29	38	29	31	36	32	33	50	44	41	24	25	25	26	28	34	39	34	45	40	42	53	24	31	40
Under-5 mortality[4] (deaths per 1,000 live births)	**41**	41	41	50	30	40	45	50	(29)	44	57	21	15	33	(35)	(25)	(44)	27	41	38	45	(52)	(56)	(47)	40	55	46	38	37	42	33	39	55	50	51	26	32	31	28	45	51	55	53	63	45	61	73	40	42	44
Nutrition																																																		
Children under 5 who are stunted (too short for their age) (%)	**18**	12	20	14	23	37	21	16	19	9	12	21	19	14	25	21	20	25	16	20	18	13	11	10	15	23	34	31	14	21	22	15	21	13	19	22	14	19	22	12	17	19	15	19	9	13	15	16	14	11
Children under 5 who are wasted (too thin for their height) (%)	**5**	4	5	5	6	7	11	4	4	15	23	17	20	7	6	3	5	5	4	4	2	3	2	2	3	23	11	15	4	3	5	4	14	3	3	2	8	3	3	2	2	2	3	2	3	2	2	3	1	3
Children under 5 who are underweight (too thin for their age) (%)	**10**	7	12	10	14	20	17	13	13	14	16	23	26	12	11	8	11	14	8	9	4	4	6	6	6	32	27	30	6	11	14	9	20	7	9	11	10	9	10	6	9	10	6	7	4	6	5	8	3	5
Children under 5 who are overweight (too heavy for their height) (%)	**3**	4	3	3	2	5	3	1	3	<1	<1	<1	<1	1	4	3	3	4	3	3	3	6	3	3	4	1	1	<1	2	2	4	3	1	3	4	3	3	2	5	5	4	2	3	3	2	5	2	6	6	6
Malaria																																																		
Household population with access to an insecticide-treated net (ITN) (%)	**50**	37	56	56	63	66	54	54	83	11	28	10	17	38	26	44	36	24	49	36	7	15	58	31	23	32	61	12	74	83	15	81	49	20	21	69	32	80	89	80	86	83	81	72	62	74	73	79	88	19
Household population who slept under an ITN the night before the survey (%)	**43**	32	48	48	62	65	59	50	75	9	22	8	7	35	23	37	33	22	43	29	5	11	51	22	18	25	50	8	58	73	10	69	43	15	16	49	27	69	73	67	74	65	75	68	62	61	70	71	79	17
Women age 15-49 who received 3 or more doses of SP/Fansidar during pregnancy (%)	**13[a]**	10	14	31	28	28	6	42	23	1	2	<1	3	21	7	3	4	5	3	<1	2	<1	2	<1	1	10	<1	1	4	12	<1	21	4	2	2	<1	7	5	2	46	59	41	35	34	26	34	25	11	2	6
Gender-based Violence																																																		
Women age 15-49 who have ever experienced physical violence since age 15 (%)	**34**	32	36	25	13	20	36	34	30	21	13	9	16	46	36	35	40	12	26	23	24	37	40	54	42	42	27	49	42	41	30	39	38	35	24	41	36	16	33	40	34	62	38	24	36	54	51	36	33	30
Women age 15-49 who experienced physical violence in the last 12 months (sometimes or often) (%)	**16**	13	17	12	11	8	23	12	7	13	6	3	14	29	15	14	28	5	10	12	5	15	13	22	18	20	19	29	12	17	16	15	20	12	9	16	17	10	11	19	17	29	21	17	26	27	30	20	11	14
Women age 15-49 who have ever experienced sexual violence (%)	**13**	13	13	10	4	12	2	15	14	6	2	1	1	9	16	13	22	1	6	5	18	15	13	24	17	11	8	7	10	13	7	6	8	11	14	18	17	3	13	17	12	30	15	6	11	23	17	16	15	12
Women age 15-49 who experienced sexual violence in the last 12 months (%)	**7**	6	7	4	3	7	2	6	3	4	1	1	1	5	8	7	13	<1	3	3	7	6	3	14	10	7	6	4	5	6	4	3	6	3	4	9	9	2	7	9	6	17	9	4	7	11	7	10	6	6
Women age 15-49 who have ever been married or had an intimate partner and have ever experienced physical, sexual, or psychological/emotional violence committed by their most recent husband/partner (%)	**40**	35	43	31	21	30	53	44	38	20	15	14	20	47	48	46	58	19	32	34	34	40	55	58	44	39	32	54	39	47	31	30	33	40	31	49	37	25	39	44	43	60	53	29	41	55	58	53	39	34
Women age 15-49 who have ever been married or had an intimate partner and have experienced physical, sexual, or psychological/ emotional violence committed by any husband/partner in the last 12 months (%)	**28**	24	31	21	20	19	42	33	17	17	9	10	19	35	34	33	48	13	21	22	17	28	35	43	34	23	25	40	29	27	26	20	27	27	18	29	25	20	21	32	30	48	41	21	35	40	47	41	27	23

Footnotes: [1] 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 FP. [2] Skilled provider is a doctor, nurse, midwife, or clinical officers. [3] Basic antigens include BCG, three doses of polio vaccine, three doses of DPT-containing vaccine, and one dose of measles-rubella. [4] County-level childhood mortality rate estimates are for the 10-year period before the survey and national level childhood mortality rate estimates are for the 5-year period before the survey. [a] Kenya total is among counties where intermittent preventive treatment during pregnancy is not implemented. Note: Figures in parentheses are based on 25-49 unweighted cases.

The 2022 Kenya Demographic and Health Survey (2022 KDHS) was implemented by the Kenya National Bureau of Statistics (KNBS) in collaboration with the Ministry of Health (MoH) and other stakeholders. Funding for the survey was provided by the Government of Kenya, the United States Agency for International Development (USAID), the Bill & Melinda Gates Foundation, the World Bank, the United Nations Children's Fund (UNICEF), the United Nations Population Fund (UNFPA), Nutrition International, the World Food Programme (WFP), the United Nations Entity for Gender Equality and the Empowerment of Women (UN Women), the World Health Organization (WHO), the Clinton Health Access Initiative, and the Joint United Nations Programme on HIV/AIDS (UNAIDS). The UN Resident Coordinator office assured the coordination of UN agencies supporting the 2022 KDHS. ICF provided technical assistance through The DHS Program, a USAID-funded project providing support and technical assistance in implementing population and health surveys in countries worldwide. Additional information about the 2022 KDHS may be obtained from Kenya National Bureau of Statistics (KNBS), P.O. Box 30266-00100, GPO Nairobi, Kenya; +254-20-3317583, +254-20-2911000/1, +254-20-3317612/2212/2351; directorgeneral@knbs.or.ke, info@knbs.or.ke; www.knbs.or.ke. Information about The DHS Program may be obtained from ICF, 530 Gaither Road, Suite 500, Rockville, MD 20850, USA; +1-301-407-6500; fax: +1-301-407-6501; info@DHSprogram.com; www.DHSprogram.com. The contents of this item are the sole responsibility of KNBS and ICF and do not necessarily reflect the views of USAID, the United States Government, or other donor agencies.