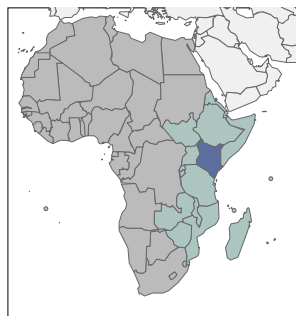


# Kenya

## Human Papillomavirus and Related Cancers, Fact Sheet 2021 (2021-10-22)



### I. Key data on HPV and HPV-related cancers



Kenya has a population of 16.2 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 5236 women are diagnosed with cervical cancer and 3211 die from the disease. Cervical cancer ranks as the 2nd most frequent cancer among women in Kenya and the 2nd most frequent cancer among women between 15 and

44 years of age. About 9.1% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 63.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

**Table 1. Crude incidence rates of HPV-related cancers**

	Male	Female
Cervical cancer	-	19.4
Anal cancer	0.22	0.54
Vulva cancer	-	0.58
Vaginal cancer	-	0.24
Penile cancer	0.18	-
Oropharyngeal cancer	0.18	0.07
Oral cavity cancer	1.46	1.36
Laryngeal cancer	1.26	0.27

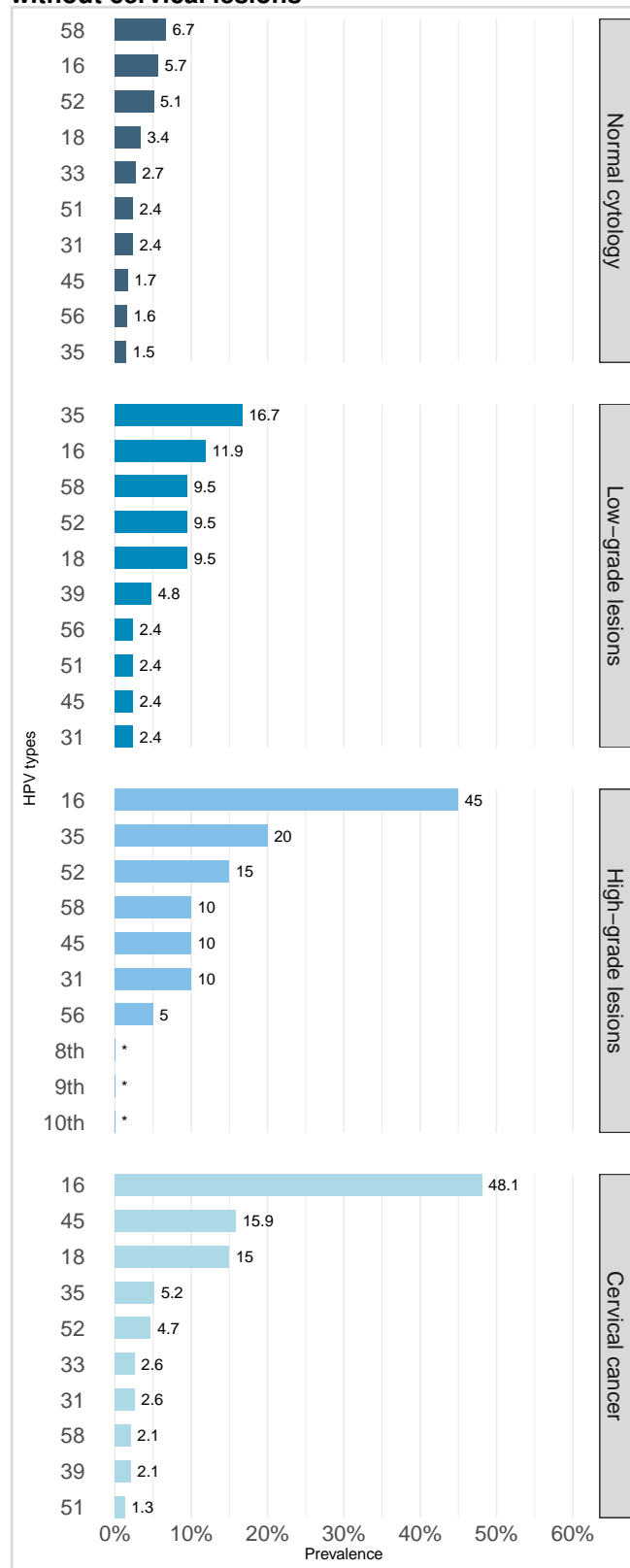
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	5236	3211
Crude rate	19.4	11.9
Age-standardized rate	31.3	20.6
Cumulative risk 0-74 years (%)	3.60	2.50
Ranking of cervical cancer (all years)	2nd	1st
Ranking of cervical cancer (15-44 years)	2nd	2nd

**Table 3. Burden of cervical HPV infection Kenya**

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	823	9.1 (7.3-11.3)
Low-grade cervical lesions	42	21.4 (11.7-35.9)
High-grade cervical lesions	20	45.0 (25.8-65.8)
Cervical cancer	233	63.1 (56.7-69.0)

**Figure 1. Comparison of the ten most frequent HPV oncogenic types in Kenya among women with and without cervical lesions**



# Kenya

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### II. Complementary data on cervical cancer prevention

**Table 4. Factors contributing to cervical cancer (co-factors)**

Smoking prevalence (%) [95% UI], women	1 [0.7-1.4]
Total fertility rate (live births per women)	3.8
Hormonal contraception use (%)	4.92
HIV prevalence (%) [95% UI] (15-49 years)	6.1 [5-7.2]

**Table 5. Sexual behaviour**

MEN	
Percentage of 15-year-old who have had sexual intercourse	19.6
Range of median age at first sexual intercourse	16.7 - 17.6
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	10.7
Range of median age at first sexual intercourse	16.7 - 18.2

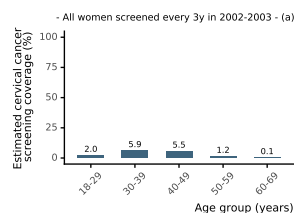
**Table 6. HPV vaccine introduction in females**

HPV vaccination programme	Introduced
Year of introduction	2019
HPV coverage – first dose (%) (estimation year 2019)	25
HPV coverage – last dose (%) (estimation year 2019)	-
HPV coverage – first dose (%) (estimation year 2020)	33
HPV coverage – last dose (%) (estimation year 2020)	33

**Table 7. Cervical screening practices and recommendations**

Cervical cancer screening coverage, % (age and screening interval, reference)	3.5% (All women aged 25-64 screened every 3y, WHS 2003 Kenya)
Screening ages (years)	25-49
Screening interval (years) or frequency of screens	5 years

**Figure 2. Estimated coverage of cervical cancer screening in Kenya, by age and study**



#### Contact information:

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