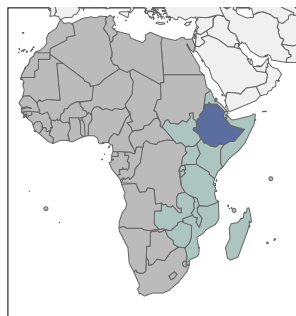


# Ethiopia

Human Papillomavirus and Related Cancers, Fact Sheet 2023 (2023-03-10)



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



Ethiopia has a population of 36.9 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 7445 women are diagnosed with cervical cancer and 5338 die from the disease. Cervical cancer ranks as the 2nd most frequent cancer among women in Ethiopia and the 2nd most frequent cancer among women between 15 and

44 years of age. Data is not yet available on the HPV burden in the general population of Ethiopia. However, in Eastern Africa, the region Ethiopia belongs to, about 4.7% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 67.9% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	13.0
Anal cancer	0.25	0.27
Vulva cancer	-	0.73
Vaginal cancer	-	0.39
Penile cancer	0.06	-
Oropharyngeal cancer	0.19	0.05
Oral cavity cancer	1.05	1.15
Laryngeal cancer	0.78	0.14

**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	7445	5338
Crude rate	13.0	9.29
Age-standardized rate	21.5	16.0
Cumulative risk 0-74 years (%)	2.46	1.91
Ranking of cervical cancer (all years)	2nd	2nd
Ranking of cervical cancer (15-44 years)	2nd	3rd

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

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	-	-
Low-grade cervical lesions	-	-
High-grade cervical lesions	11	63.6 (35.4-84.8)
Cervical cancer	291	96.6 (93.8-98.1)

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



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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	0.3 [0.2-0.5]
Total fertility rate (live births per women)	4.0
Hormonal contraception use (%)	1.81
HIV prevalence (%) [95% UI] (15-49 years)	1.4 [1-1.8]

**Table 5. Sexual behaviour**

MEN	
Percentage of 15-year-old who have had sexual intercourse	2.0
Range of median age at first sexual intercourse	20.9 - 21.8
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	11.0
Range of median age at first sexual intercourse	15.6 - 18.8

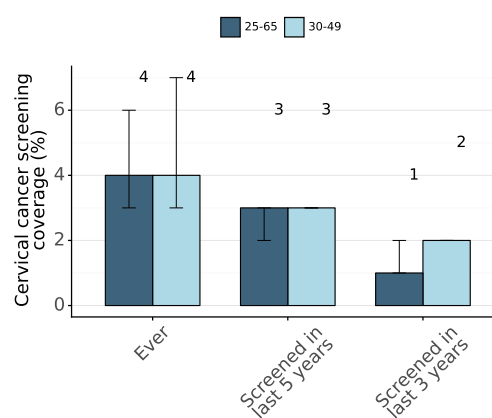
**Table 6. HPV vaccine introduction**

Females	
HPV vaccination programme	Introduced
Year of introduction	2018
Year of estimation	2021
HPV coverage – first dose (%)	86
HPV coverage – last dose (%)	75
Males	
HPV vaccination programme	Not Available/Not Introduced
Year of introduction	-
Year of estimation	-
HPV coverage – first dose (%)	-
HPV coverage – last dose (%)	-

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

Existence of official national recommendations	Yes
Starting year of recommendations	2015
Active invitation to screening	No
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	30-49 (VIA, 5 years)

**Figure 2. Estimated coverage of cervical cancer screening in Ethiopia\***



\* Estimated coverage and 95% confidence interval in 2019

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