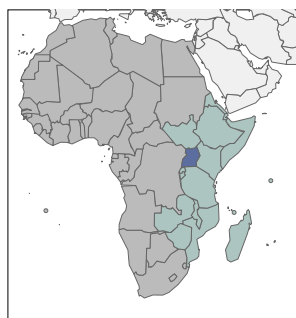


Uganda

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

I. Key data on HPV and HPV-related cancers



Uganda has a population of 12.3 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 6959 women are diagnosed with cervical cancer and 4607 die from the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Uganda and the 1st most frequent cancer among women between 15

and 44 years of age. About 3.6% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 57.0% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	30.0
Anal cancer	0.31	0.19
Vulva cancer	-	0.53
Vaginal cancer	-	0.16
Penile cancer	1.53	-
Oropharyngeal cancer	0.35	0.06
Oral cavity cancer	1.17	0.53
Laryngeal cancer	0.82	0.22

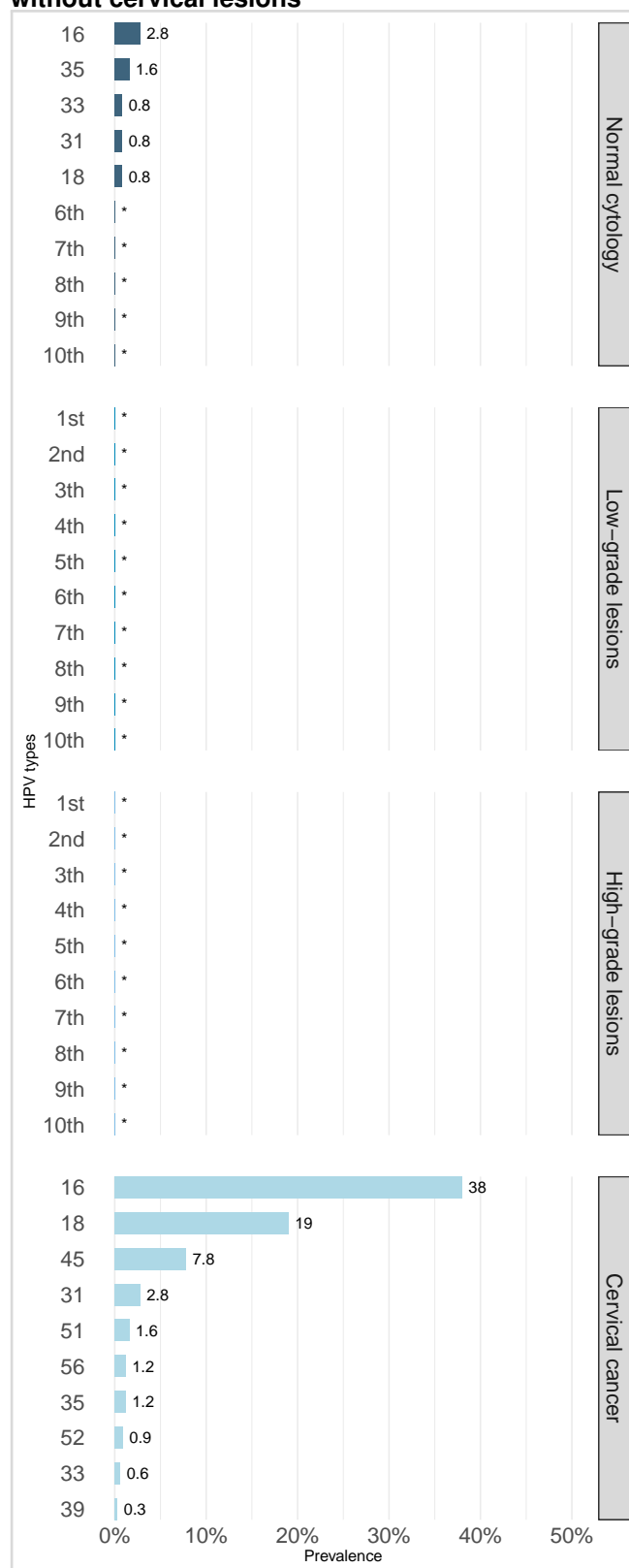
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	6959	4607
Crude rate	30.0	19.9
Age-standardized rate	56.2	41.4
Cumulative risk 0-74 years (%)	5.98	4.70
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	1st	1st

Table 3. Burden of cervical HPV infection Uganda

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	251	3.6 (1.9-6.7)
Low-grade cervical lesions	-	-
High-grade cervical lesions	-	-
Cervical cancer	321	57.0 (51.5-62.3)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Uganda 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	2.8 [1.8-3.8]
Total fertility rate (live births per women)	5.5
Hormonal contraception use (%)	2.74
HIV prevalence (%) [95% UI] (15-49 years)	7.1 [6.6-7.7]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	14.0
Range of median age at first sexual intercourse	18.4 - 18.8
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	12.0
Range of median age at first sexual intercourse	16.7 - 17.6

Table 6. HPV vaccine introduction in females

HPV vaccination programme	Introduced
Year of introduction	2015
HPV coverage – first dose (%) (estimation year 2019)	99
HPV coverage – last dose (%) (estimation year 2019)	64
HPV coverage – first dose (%) (estimation year 2020)	74
HPV coverage – last dose (%) (estimation year 2020)	74

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	-
Screening ages (years)	25-65 (cytology), 25-49 (VIA)
Screening interval (years) or frequency of screens	3 years

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

No data available

^a Proportion of women in the total sample of the mentioned age range in the country or region that reported having a Pap smear during a given time period (e.g., last year, last 2, 3, 5 years or ever).

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