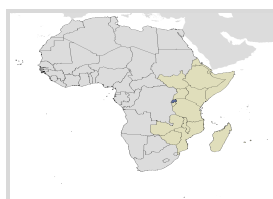


Rwanda

Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-04-19)



I. Key data on HPV and HPV-related cancers



Rwanda has a population of 3.67 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 1366 women are diagnosed with cervical cancer and 804 die from

the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Rwanda and the 1st 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 Rwanda. However, in Eastern Africa, the region Rwanda belongs to, about 4.8% 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	-	23.8
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	0.7	0.6

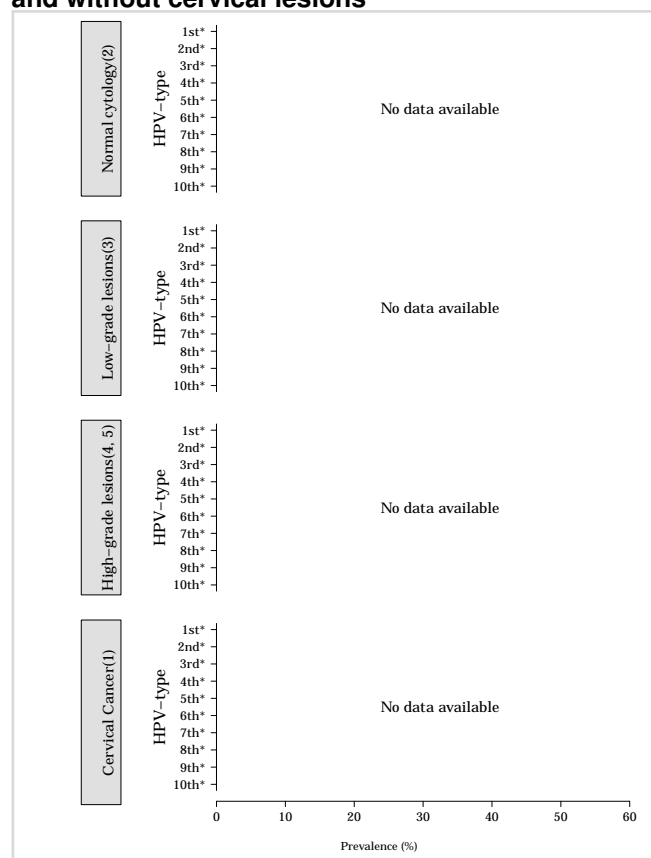
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	1366	804
Crude rate	23.8	14.0
Age-standardized rate	41.8	26.2
Cumulative risk 0-74 years (%)	4.5	3.0
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	1st	1st

Table 3. Burden of cervical HPV infection Rwanda

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	-	--
HPV 16/18 prevalence:		
Normal cytology	-	--
Low-grade cervical lesions	-	--
High-grade cervical lesions	-	--
Cervical cancer	-	--

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



*No data available. No more types than shown were tested or were positive.

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II. Complementary data on cervical cancer prevention

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

Smoking prevalence (%), women	5.6
Total fertility rate (live births per women)	4.6
Hormonal contraception use (%) (pill, injectable or implant), among women	39.7
HIV prevalence (%), adults (15-49 years)	2.8 [2.5 - 3.2]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	13.4
Range of median age at first sexual intercourse	-
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	6.8
Range of median age at first sexual intercourse	19.9

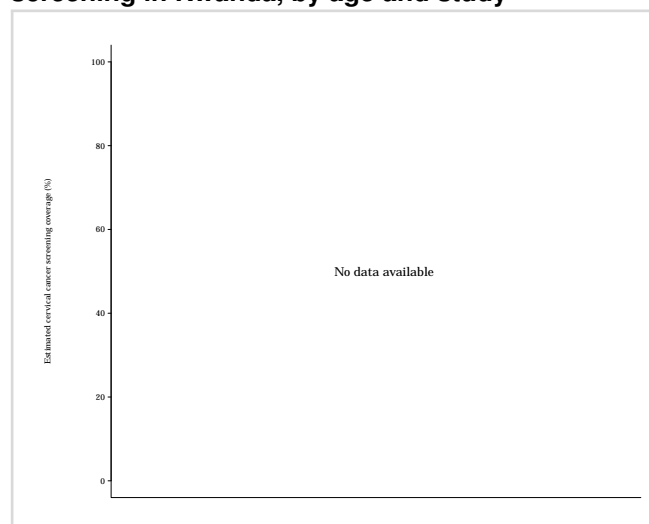
Table 6. HPV vaccine introduction

HPV vaccination programme	National program
Date of HPV vaccination routine immunization programme start	2011
HPV vaccination target age for routine immunization	11-12
Full course HPV vaccination coverage for routine immunization:	
% (calendar year)	99% (2013)

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	-
Screening ages (years)	35-45
Screening interval (years) or frequency of screens	7 years

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



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