

Guinea

Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-07-27)



I. Key data on HPV and HPV-related cancers



Guinea has a population of 3.63 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 1210 women are diagnosed with cervical cancer and 842 die from

the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Guinea and the 1st most frequent cancer among women between 15 and 44 years of age. About 9.8% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 55.8% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	23.3
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	0.2	0.1

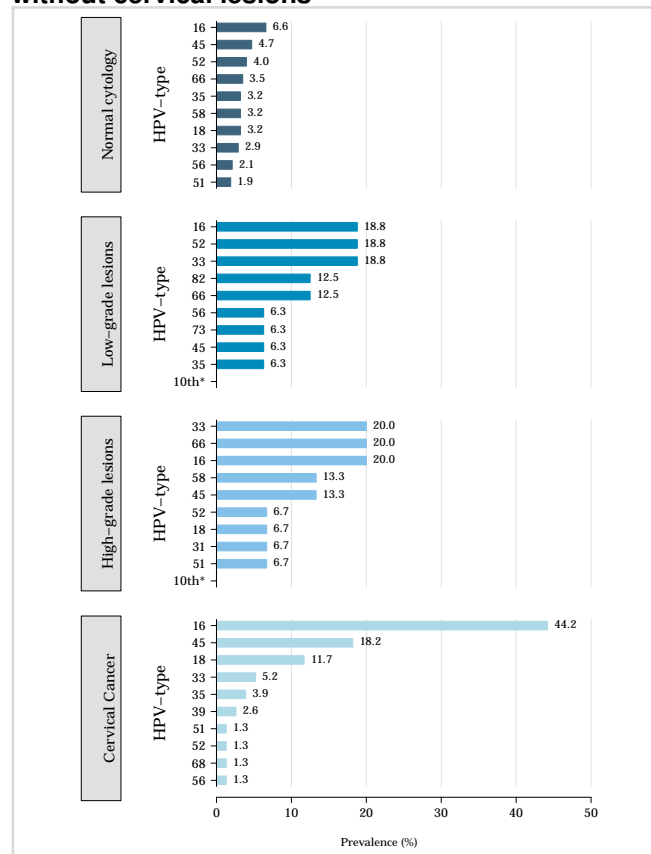
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	1210	842
Crude rate	23.3	16.2
Age-standardized rate	38.4	27.9
Cumulative risk 0-74 years (%)	4.3	3.2
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	1st	1st

Table 3. Burden of cervical HPV infection Guinea

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	752	47.9 (44.3-51.4)
HPV 16/18 prevalence:		
Normal cytology	752	9.8 (7.9-12.2)
Low-grade cervical lesions	16	18.8 (6.6-43.0)
High-grade cervical lesions	15	26.7 (10.9-52.0)
Cervical cancer	77	55.8 (44.7-66.4)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Guinea 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	-
Total fertility rate (live births per women)	5.1
Hormonal contraception use (%) (pill, injectable or implant), among women	2.6
HIV prevalence (%), adults (15-49 years)	1.6 [1.3 - 1.8]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	18
Range of median age at first sexual intercourse	18.6-20.8
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	20
Range of median age at first sexual intercourse	15.9-17.5

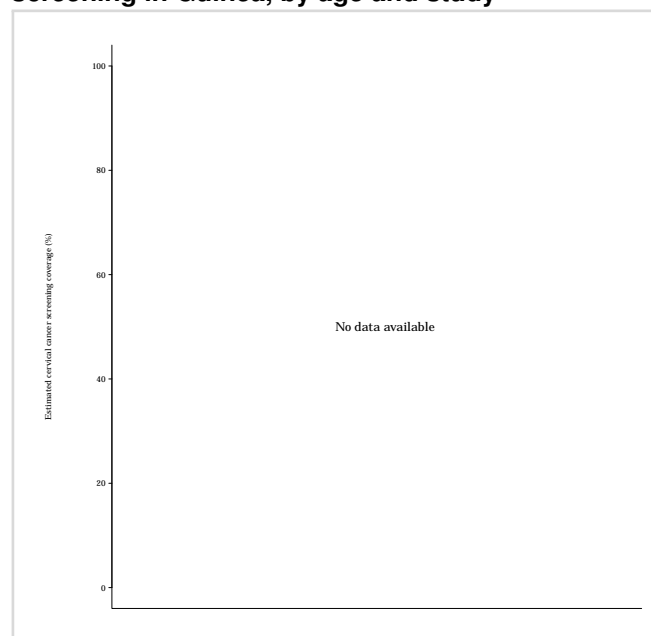
Table 6. HPV vaccine introduction

HPV vaccination programme	No program
Date of HPV vaccination routine immunization programme start	-

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	<1.0% (women aged >15 screened every 1y, Woto-Gaye 1996)
Screening ages (years)	-
Screening interval (years) or frequency of screens	-

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



^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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