

# Guyana

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



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



Guyana has a population of 297,919 women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 121 women are diagnosed with cervical cancer and 63 die from the disease. Cervical cancer ranks as the 2nd most frequent cancer among women in Guyana 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 Guyana. However, in South America, the region Guyana belongs to, about 5.8% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 62.6% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	30.9
Anal cancer	0	0.26
Vulva cancer	-	0.77
Vaginal cancer	-	0
Penile cancer	1.01	-
Oropharyngeal cancer	0.51	0
Oral cavity cancer	2.53	0.26
Laryngeal cancer	3.03	0

**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	121	63
Crude rate	30.9	16.1
Age-standardized rate	29.5	15.1
Cumulative risk 0-74 years (%)	3.23	1.79
Ranking of cervical cancer (all years)	2nd	2nd
Ranking of cervical cancer (15-44 years)	2nd	2nd

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

	No. Tested	% (95% CI)
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 Guyana among women with and without cervical lesions**



No data available

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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	- [—]
Total fertility rate (live births per women)	2.5
Hormonal contraception use (%)	7.70
HIV prevalence (%) [95% UI] (15-49 years)	1.4 [1.3-1.6]

**Table 5. Sexual behaviour**

<b>MEN</b>	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	17.1 - 18.5
<b>WOMEN</b>	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	18.2 - 18.8

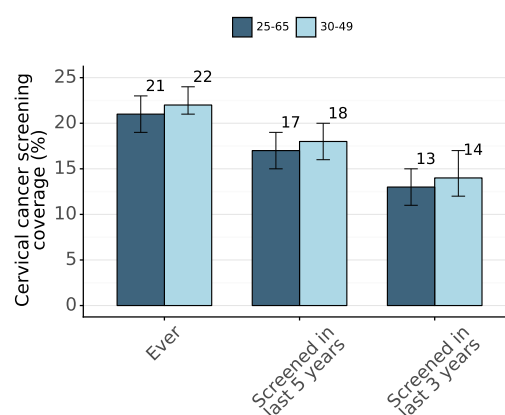
**Table 6. HPV vaccine introduction**

<b>Females</b>	
HPV vaccination programme	Introduced
Year of introduction	2011
Year of estimation	2021
HPV coverage – first dose (%)	3
HPV coverage – last dose (%)	2
<b>Males</b>	
HPV vaccination programme	Introduced
Year of introduction	2019
Year of estimation	2021
HPV coverage – first dose (%)	3
HPV coverage – last dose (%)	2

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

Existence of official national recommendations	Yes
Starting year of recommendations	2010
Active invitation to screening	No
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	25-49 (cytology and VIA, 3 years)

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



\* Estimated coverage and 95% confidence interval in 2019

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