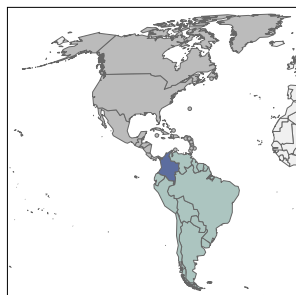


# Colombia

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



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



Colombia has a population of 20.8 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 4742 women are diagnosed with cervical cancer and 2490 die from the disease. Cervical cancer ranks as the 3rd most frequent cancer among women in Colombia and the 3rd most frequent cancer among women between 15 and 44 years of age. About 4.5% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 62.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	18.3
Anal cancer	0.70	1.19
Vulva cancer	-	1.73
Vaginal cancer	-	0.58
Penile cancer	2.20	-
Oropharyngeal cancer	1.50	0.59
Oral cavity cancer	1.36	2.22
Laryngeal cancer	3.50	0.48

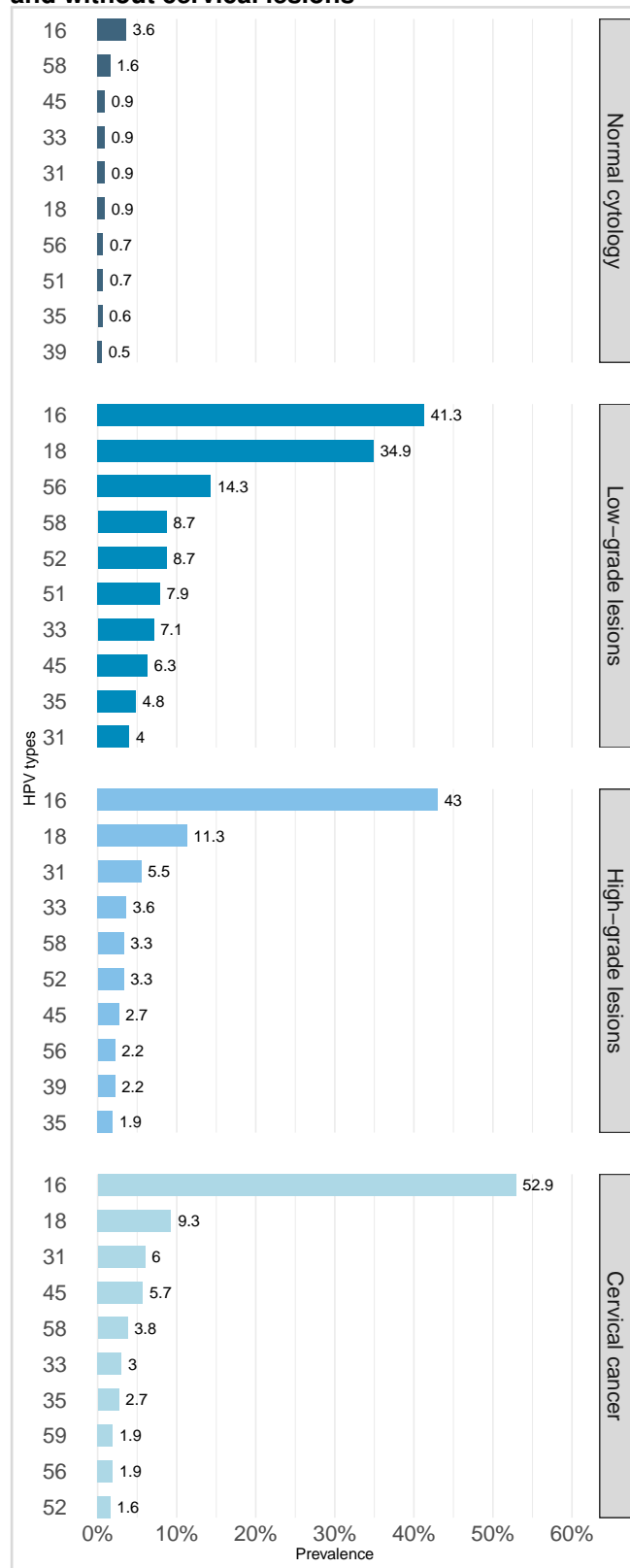
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	4742	2490
Crude rate	18.3	9.61
Age-standardized rate	14.9	7.43
Cumulative risk 0-74 years (%)	1.53	0.80
Ranking of cervical cancer (all years)	3rd	4th
Ranking of cervical cancer (15-44 years)	3rd	2nd

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

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	2138	4.5 (3.7-5.5)
Low-grade cervical lesions	126	76.2 (68.0-82.8)
High-grade cervical lesions	309	54.4 (48.8-59.8)
Cervical cancer	425	62.1 (57.4-66.6)

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



# Colombia

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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	4.8 [1.9-8.7]
Total fertility rate (live births per women)	1.8
Hormonal contraception use (%)	7
HIV prevalence (%) [95% UI] (15-49 years)	0.2 [0.1-0.2]

**Table 5. Sexual behaviour**

MEN	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	-
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	13.5
Range of median age at first sexual intercourse	18 - 19.4

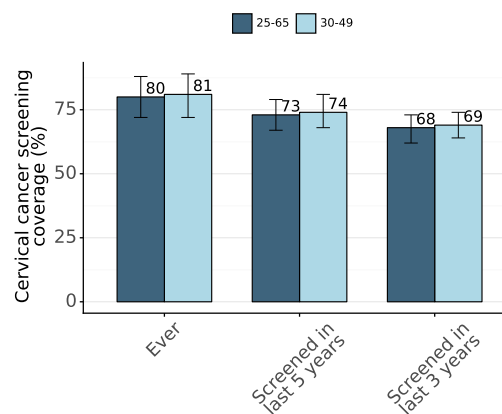
**Table 6. HPV vaccine introduction**

Females	
HPV vaccination programme	Introduced
Year of introduction	2012
Year of estimation	2021
HPV coverage – first dose (%)	39
HPV coverage – last dose (%)	11
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	2018
Active invitation to screening	No
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	25-29 (cytology, 3 years); 30-65 (cytology, 3 years); 30-65 (HPV test, 5 years); 30-50 (VIA, 3 years)

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



\* Estimated coverage and 95% confidence interval in 2019

#### Contact information:

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