

# Chile

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



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



Chile has a population of 8.10 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 1503 women are diagnosed with cervical cancer and 799 die from the disease. Cervical cancer ranks as the 4th most frequent cancer among women in Chile and the 2nd most frequent cancer among

women between 15 and 44 years of age. About 2.5% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 86.4% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	15.5
Anal cancer	0.52	0.88
Vulva cancer	-	1.32
Vaginal cancer	-	0.51
Penile cancer	0.99	-
Oropharyngeal cancer	0.71	0.54
Oral cavity cancer	1.84	1.26
Laryngeal cancer	2.02	0.28

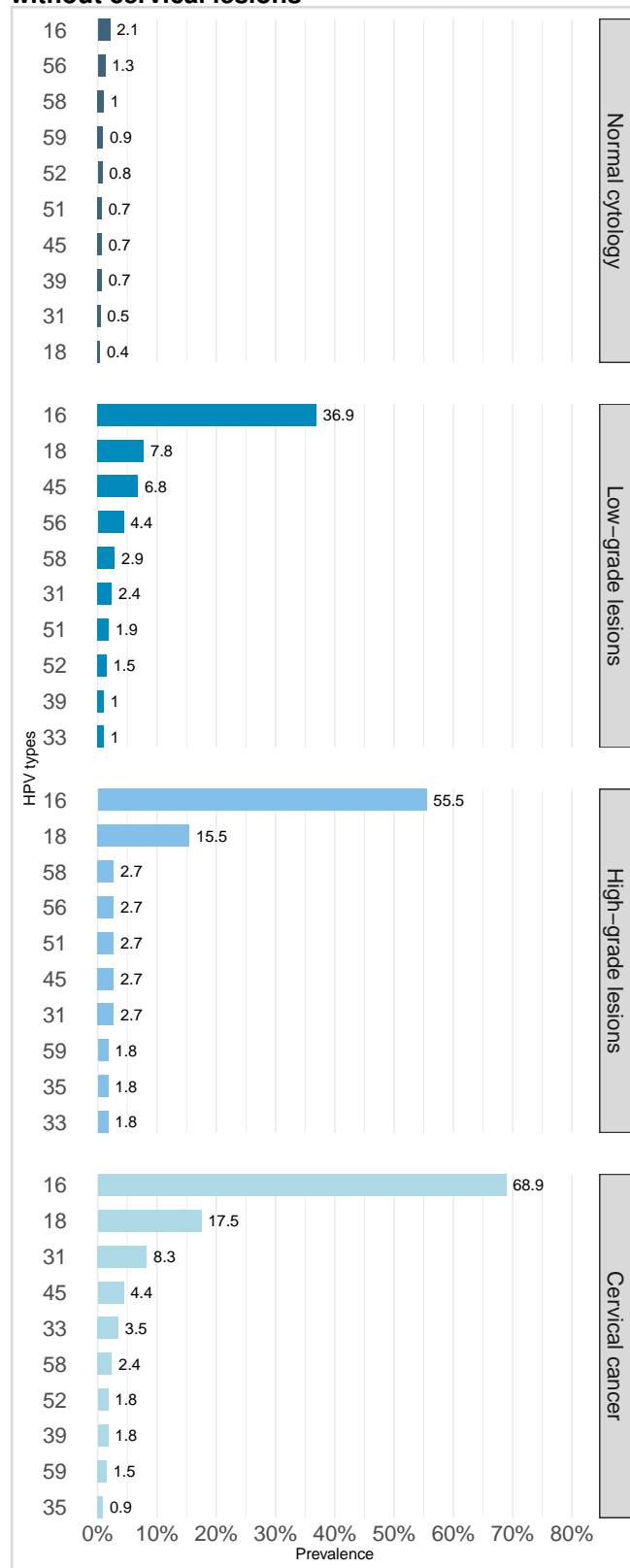
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	1503	799
Crude rate	15.5	8.25
Age-standardized rate	11.1	5.15
Cumulative risk 0-74 years (%)	1.09	0.54
Ranking of cervical cancer (all years)	4th	7th
Ranking of cervical cancer (15-44 years)	2nd	2nd

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

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	913	2.5 (1.7-3.8)
Low-grade cervical lesions	206	44.7 (38.0-51.5)
High-grade cervical lesions	110	70.9 (61.8-78.6)
Cervical cancer	457	86.4 (83.0-89.3)

**Figure 1. Comparison of the ten most frequent HPV oncogenic types in Chile 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	32.3 [21-47.2]
Total fertility rate (live births per women)	1.8
Hormonal contraception use (%)	25.0
HIV prevalence (%) [95% UI] (15-49 years)	0.2 [0.2-0.2]

**Table 5. Sexual behaviour**

MEN	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	16.7 - 17.7
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	18.0 - 21.3

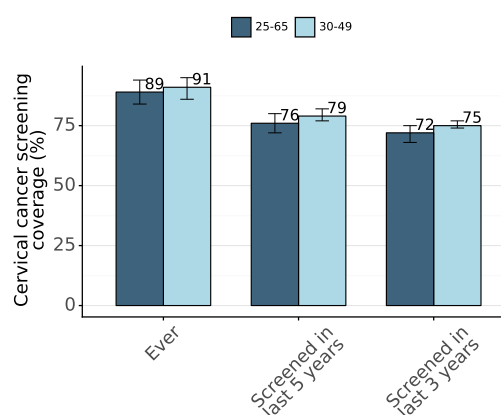
**Table 6. HPV vaccine introduction**

Females	
HPV vaccination programme	Introduced
Year of introduction	2014
Year of estimation	2021
HPV coverage – first dose (%)	67
HPV coverage – last dose (%)	57
Males	
HPV vaccination programme	Introduced
Year of introduction	2019
Year of estimation	2021
HPV coverage – first dose (%)	70
HPV coverage – last dose (%)	60

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

Existence of official national recommendations	Yes
Starting year of recommendations	2015
Active invitation to screening	No
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	25-64 (cytology, 3 years); 30-64 (HPV test, 5 years)

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



\* Estimated coverage and 95% confidence interval in 2019

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