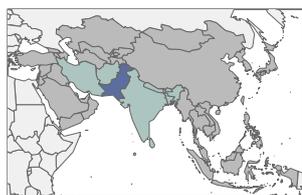


Pakistan

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

I. Key data on HPV and HPV-related cancers



Pakistan has a population of 73.8 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 5008 women are diagnosed with cervical cancer and 3197 die from the disease.

Cervical cancer ranks as the

3rd most frequent cancer among women in Pakistan and the 2nd most frequent cancer among women between 15 and 44 years of age. About 0.5% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 88.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	4.67
Anal cancer	0.34	0.17
Vulva cancer	-	0.22
Vaginal cancer	-	0.26
Penile cancer	0.29	-
Oropharyngeal cancer	0.79	0.24
Oral cavity cancer	10.0	5.19
Laryngeal cancer	3.23	0.65

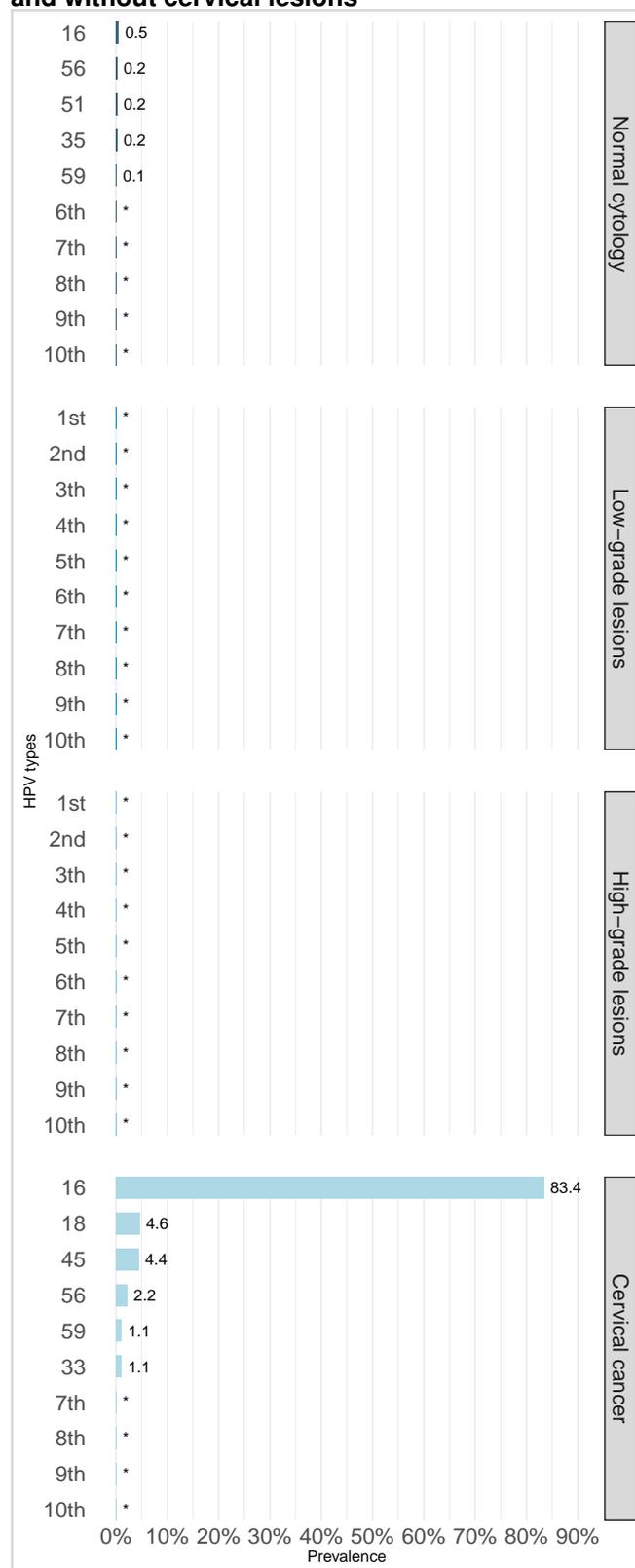
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	5008	3197
Crude rate	4.67	2.98
Age-standardized rate	6.06	3.99
Cumulative risk 0-74 years (%)	0.68	0.46
Ranking of cervical cancer (all years)	3rd	5th
Ranking of cervical cancer (15-44 years)	2nd	3rd

Table 3. Burden of cervical HPV infection Pakistan

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	877	0.5 (0.2-1.2)
Low-grade cervical lesions	-	-
High-grade cervical lesions	-	-
Cervical cancer	151	88.1 (81.9-92.3)

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



Pakistan

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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	2.6 [1.7-3.5]
Total fertility rate (live births per women)	3.4
Hormonal contraception use (%)	1.70
HIV prevalence (%) [95% UI] (15-49 years)	<0.1 [<0.1 -0.1]

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	-
Range of median age at first sexual intercourse	-

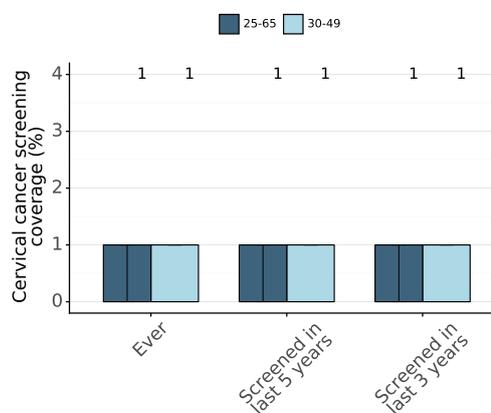
Table 6. HPV vaccine introduction

Females	
HPV vaccination programme	Not Available/Not Introduced
Year of introduction	-
Year of estimation	-
HPV coverage – first dose (%)	-
HPV coverage – last dose (%)	-
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	No
Starting year of recommendations	-
Active invitation to screening	-
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	-

Figure 2. Estimated coverage of cervical cancer screening in Pakistan*



* Estimated coverage and 95% confidence interval in 2019

Contact information:

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