

Viet Nam

Human Papillomavirus and Related Cancers, Fact Sheet 2021 (2021-10-22)



I. Key data on HPV and HPV-related cancers



Viet Nam has a population of 37.7 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 4132 women are diagnosed with cervical cancer and 2223 die from the disease.

Cervical cancer ranks as the

8th most frequent cancer among women in Viet Nam and the 5th most frequent cancer among women between 15 and 44 years of age. About 2.1% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 82.8% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	8.48
Anal cancer	0.54	0.65
Vulva cancer	-	0.35
Vaginal cancer	-	0.11
Penile cancer	0.82	-
Oropharyngeal cancer	1.04	0.21
Oral cavity cancer	3.39	1.04
Laryngeal cancer	3.47	0.69

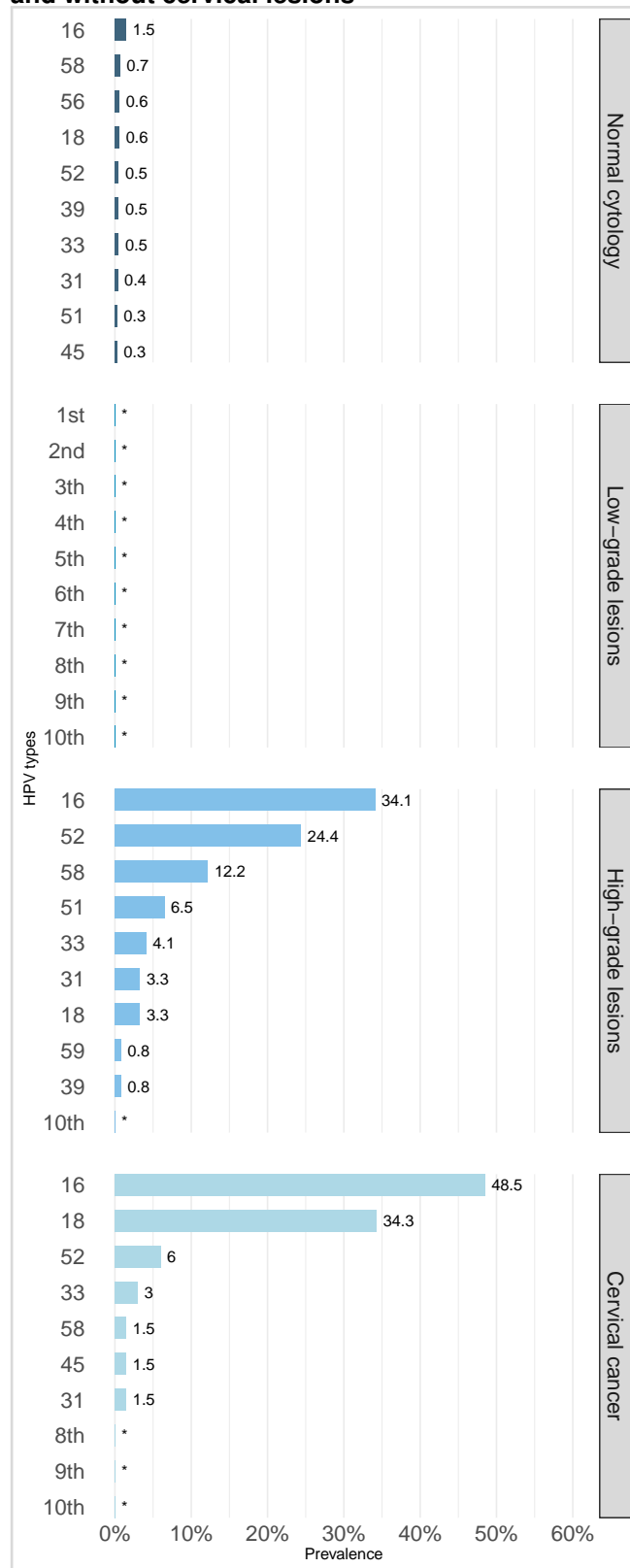
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	4132	2223
Crude rate	8.48	4.56
Age-standardized rate	6.64	3.42
Cumulative risk 0-74 years (%)	0.70	0.39
Ranking of cervical cancer (all years)	8th	7th
Ranking of cervical cancer (15-44 years)	5th	8th

Table 3. Burden of cervical HPV infection Viet Nam

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	1897	2.1 (1.6-2.9)
Low-grade cervical lesions	-	-
High-grade cervical lesions	123	37.4 (29.4-46.2)
Cervical cancer	134	82.8 (75.6-88.3)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Viet Nam 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	1 [0.8-1.3]
Total fertility rate (live births per women)	1.9
Hormonal contraception use (%)	14.2
HIV prevalence (%) [95% UI] (15-49 years)	0.2 [0.2-0.3]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	0.0
Range of median age at first sexual intercourse	23.1 - 24.2
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	0.0
Range of median age at first sexual intercourse	21.0 - 21.5

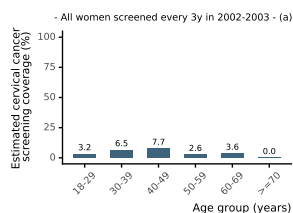
Table 6. HPV vaccine introduction in females

HPV vaccination programme	Not Available, Not Introduced/No Plans
Year of introduction	-
HPV coverage – first dose (%) (estimation year 2019)	-
HPV coverage – last dose (%) (estimation year 2019)	-
HPV coverage – first dose (%) (estimation year 2020)	-
HPV coverage – last dose (%) (estimation year 2020)	-

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	6.5% (All women aged 25-64 screened every 3y, WHS 2003 Viet Nam)
Screening ages (years)	-
Screening interval (years) or frequency of screens	-

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



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