

# Nepal

## Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-07-27)



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



Nepal has a population of 10.16 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 2332 women are diagnosed with cervical cancer and 1367 die from

the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Nepal and the 1st most frequent cancer among women between 15 and 44 years of age. About 2.0% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 80.3% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	14.9
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	2.3	0.7

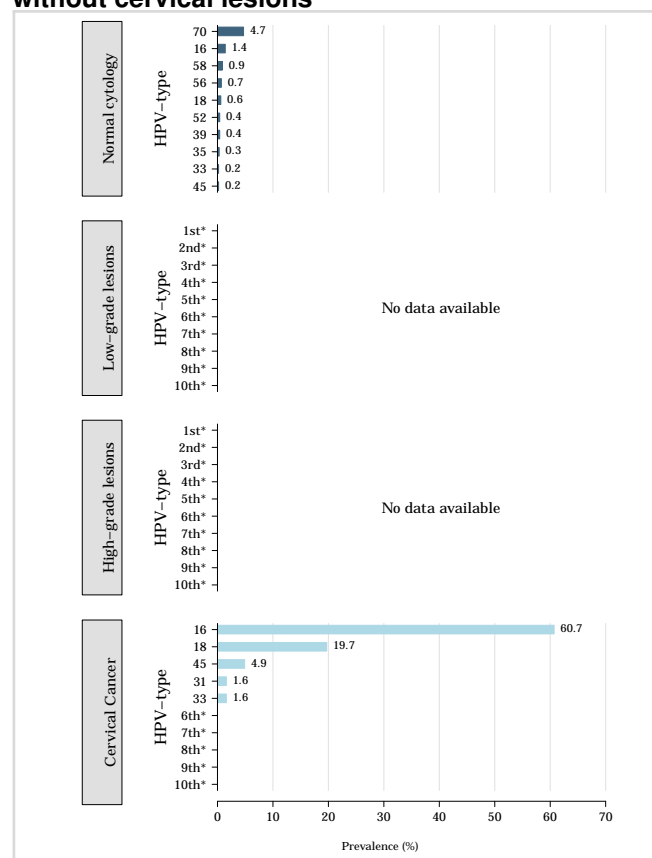
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	2332	1367
Crude rate	14.9	8.7
Age-standardized rate	19.0	12.0
Cumulative risk 0-74 years (%)	2.0	1.4
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	1st	2nd

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

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	1109	7.1 (5.8-8.8)
HPV 16/18 prevalence:		
Normal cytology	1109	2.0 (1.3-3.0)
Low-grade cervical lesions	-	--
High-grade cervical lesions	-	--
Cervical cancer	61	80.3 (68.7-88.4)

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



\*No data available. No more types than shown were tested or were positive.

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### II. Complementary data on cervical cancer prevention

**Table 4. Factors contributing to cervical cancer (co-factors)**

Smoking prevalence (%), women	12.9 [9.6-16.3]
Total fertility rate (live births per women)	2.3
Hormonal contraception use (%) (pill, injectable or implant), among women	19.0
HIV prevalence (%), adults (15-49 years)	0.2 [0.2 - 0.3]

**Table 5. Sexual behaviour**

MEN	
Percentage of 15-year-old who have had sexual intercourse	3.7
Range of median age at first sexual intercourse	18.9-19.7
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	4.6
Range of median age at first sexual intercourse	16.5-17.9

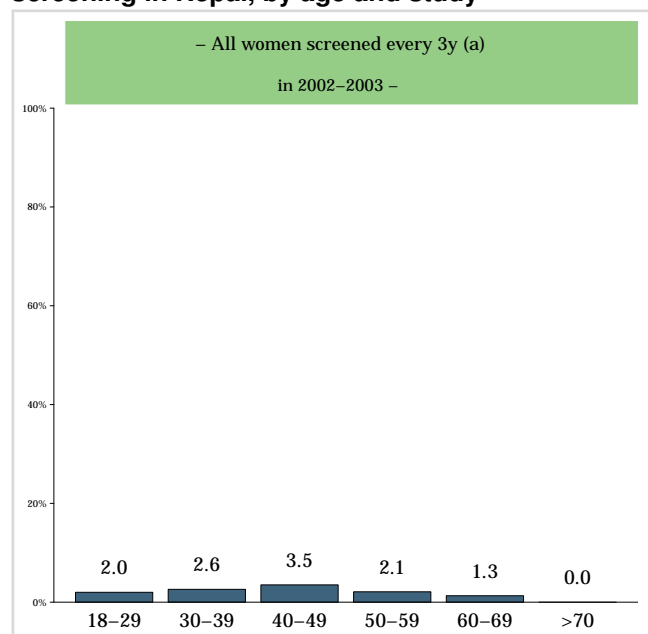
**Table 6. HPV vaccine introduction**

HPV vaccination programme	Pilot
Date of HPV vaccination routine immunization programme start	-

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

Cervical cancer screening coverage, % (age and screening interval, reference)	2.8% (All women aged 25-64 screened every 3y, WHS 2003 Nepal)
Screening ages (years)	30-60
Screening interval (years) or frequency of screens	5 years

**Figure 2. Estimated coverage of cervical cancer screening in Nepal, by age and study**



<sup>a</sup> Proportion of women in the total sample of the mentioned age range in the country or region that reported having a Pap smear during a given time period (e.g., last year, last 2, 3, 5 years or ever).

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