

Myanmar

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



I. Key data on HPV and HPV-related cancers



Myanmar has a population of 21.0 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 7129 women are diagnosed with cervical cancer and 4497 die from the disease.

Cervical cancer ranks as the 1st most frequent cancer among women in Myanmar and the 1st most frequent cancer among women between 15 and 44 years of age. Data is not yet available on the HPV burden in the general population of Myanmar. However, in South-Eastern Asia, the region Myanmar belongs to, about 3.0% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 70.4% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	25.3
Anal cancer	0.37	0.30
Vulva cancer	-	0.51
Vaginal cancer	-	0.26
Penile cancer	1.29	-
Oropharyngeal cancer	2.15	0.28
Oral cavity cancer	6.32	2.73
Laryngeal cancer	4.66	0.55

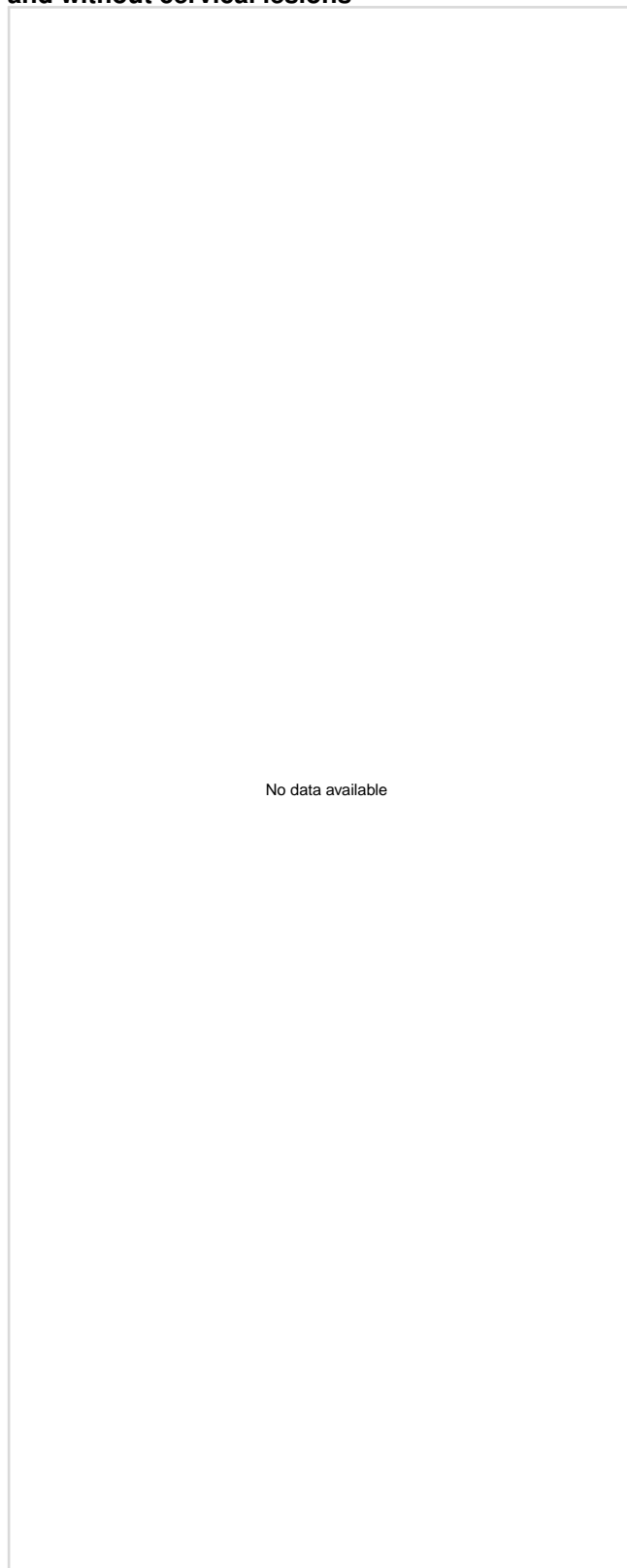
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	7129	4497
Crude rate	25.3	16.0
Age-standardized rate	22.6	14.4
Cumulative risk 0-74 years (%)	2.25	1.54
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	1st	1st

Table 3. Burden of cervical HPV infection Myanmar

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	-	-
Low-grade cervical lesions	15	80.0 (54.8-93.0)
High-grade cervical lesions	-	-
Cervical cancer	-	-

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Myanmar 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	6.2 [3.2-9.4]
Total fertility rate (live births per women)	2.2
Hormonal contraception use (%)	13.8
HIV prevalence (%) [95% UI] (15-49 years)	0.6 [0.5-0.7]

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	-

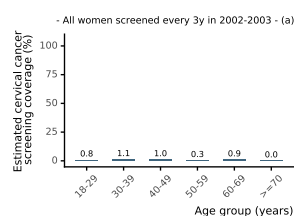
Table 6. HPV vaccine introduction in females

HPV vaccination programme	Introduced
Year of introduction	2020
HPV coverage – first dose (%) (estimation year 2019)	-
HPV coverage – last dose (%) (estimation year 2019)	-
HPV coverage – first dose (%) (estimation year 2020)	99
HPV coverage – last dose (%) (estimation year 2020)	99

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	9.0% (Urban women aged 30-49 screened every 1y, Thida 2015)
Screening ages (years)	-
Screening interval (years) or frequency of screens	-

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



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