

Oman

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

I. Key data on HPV and HPV-related cancers



Oman has a population of 1.06 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 38 women are diagnosed with cervical cancer and 15 die from the disease. Cervical cancer ranks as the 6th most frequent cancer among women in Oman and the 6th 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 Oman. However, in Western Asia, the region Oman belongs to, about 2.3% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 72.4% of invasive cervical cancers are attributed to HPV types 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	3.2
Anal cancer	0.3	0.0
Vulva cancer	-	0.1
Vaginal cancer	-	0.2
Penile cancer	0.0	-
Pharynx (excluding nasopharynx)	0.3	0.1

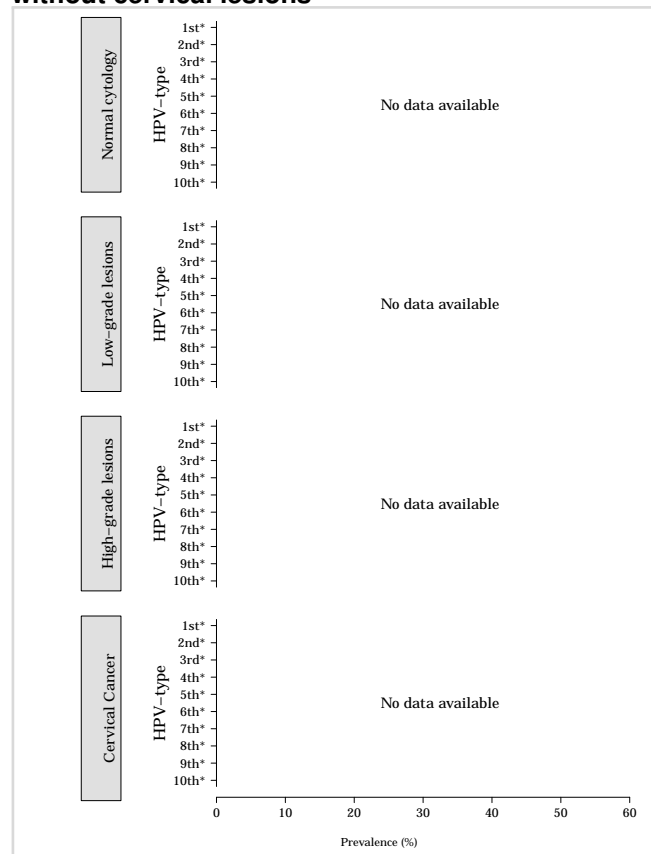
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	38	15
Crude rate	3.2	1.3
Age-standardized rate	5.3	2.5
Cumulative risk 0-74 years (%)	0.6	0.3
Ranking of cervical cancer (all years)	6th	10th
Ranking of cervical cancer (15-44 years)	6th	7th

Table 3. Burden of cervical HPV infection Oman

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	-	--
HPV 16/18 prevalence:		
Normal cytology	-	--
Low-grade cervical lesions	-	--
High-grade cervical lesions	-	--
Cervical cancer	-	--

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Oman 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 (%), women	1.0 [0.4-1.7]
Total fertility rate (live births per women)	2.9
Hormonal contraception use (%) (pill, injectable or implant), among women	9.5
HIV prevalence (%), adults (15-49 years)	-

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	-

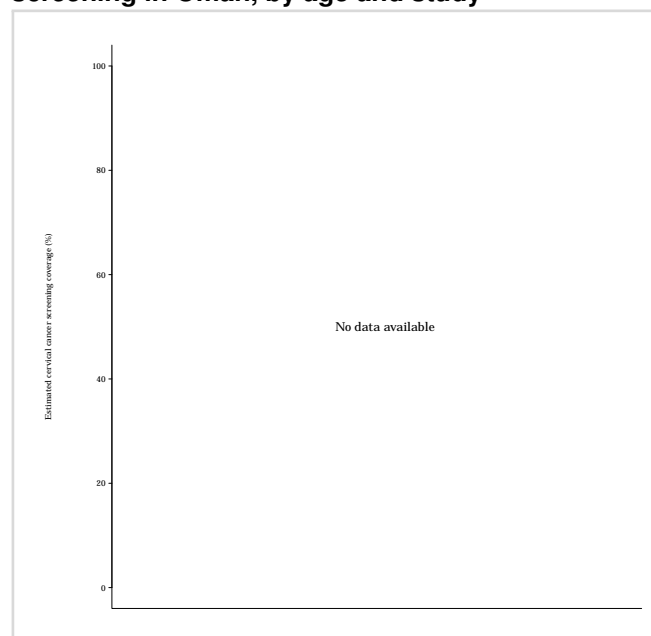
Table 6. HPV vaccine introduction

HPV vaccination programme	No program
Date of HPV vaccination routine immunization programme start	-

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	-
Screening ages (years)	20-69
Screening interval (years) or frequency of screens	3 Years

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



^a 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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