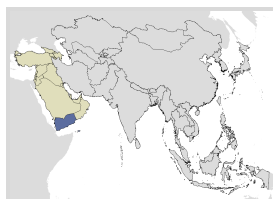


# Yemen

## Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-04-19)



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



Yemen has a population of 7.99 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 198 women are diagnosed with cervical cancer and 117 die from the

disease. Cervical cancer ranks as the 9th most frequent cancer among women in Yemen and the 10th 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 Yemen. However, in Western Asia, the region Yemen 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 HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	1.6
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	0.1	0.4

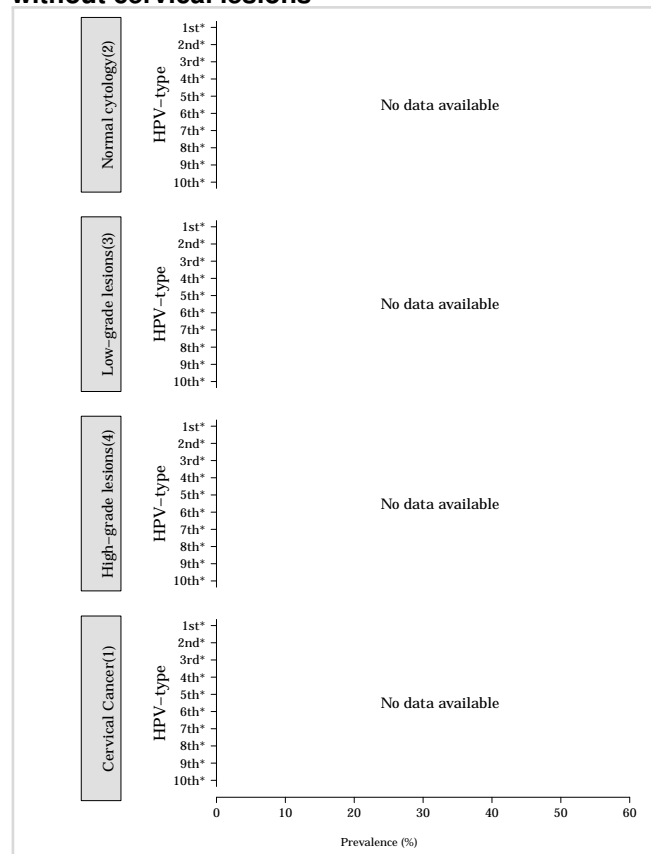
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	198	117
Crude rate	1.6	0.9
Age-standardized rate	3.1	2.0
Cumulative risk 0-74 years (%)	0.3	0.2
Ranking of cervical cancer (all years)	9th	12th
Ranking of cervical cancer (15-44 years)	10th	13th

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

	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 Yemen 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	-
Total fertility rate (live births per women)	5.2
Hormonal contraception use (%) (pill, injectable or implant), among women	12.5
HIV prevalence (%), adults (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	-

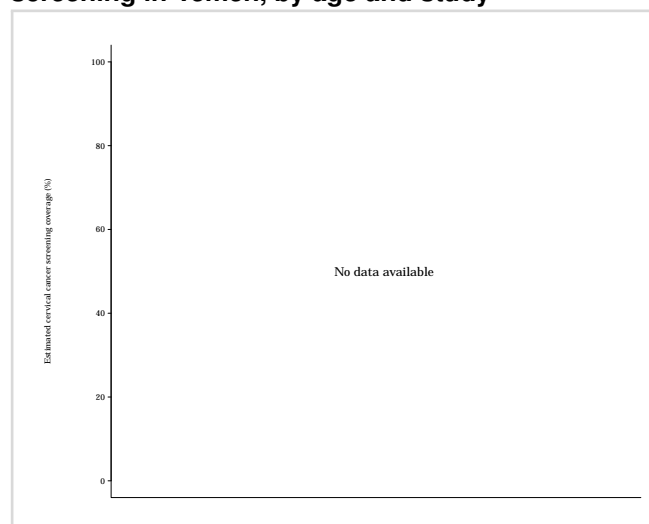
**Table 6. HPV vaccine introduction**

HPV vaccination programme	No Program
Date of HPV vaccination routine immunization programme start	-
HPV vaccination target age for routine immunization	-
Full course HPV vaccination coverage for routine immunization:	
% (calendar year)	-

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

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

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



#### Contact information:

ICO HPV Information Centre  
 Institut Català d'Oncologia  
 Avda. Gran Via de l'Hospitalet, 199-203  
 08908 L'Hospitalet de Llobregat (Barcelona, Spain)  
 e-mail: [info@hpvcentre.net](mailto:info@hpvcentre.net)  
 internet address: [www.hpvcentre.net](http://www.hpvcentre.net)