

# United Arab Emirates

## Human Papillomavirus and Related Cancers, Fact Sheet 2023 (2023-03-10)



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



United Arab Emirates has a population of 2.18 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 123 women are diagnosed with cervical cancer and 59 die from the disease. Cervical cancer

ranks as the 5th most frequent cancer among women in United Arab Emirates and the 3rd 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 United Arab Emirates. However, in Western Asia, the region United Arab Emirates belongs to, about 2.5% 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	-	4.03
Anal cancer	0.07	0.23
Vulva cancer	-	0.07
Vaginal cancer	-	0.03
Penile cancer	0.03	-
Oropharyngeal cancer	0.10	0.13
Oral cavity cancer	0.79	0.92
Laryngeal cancer	0.61	0.10

**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	123	59
Crude rate	4.03	1.93
Age-standardized rate	6.20	3.92
Cumulative risk 0-74 years (%)	0.73	0.49
Ranking of cervical cancer (all years)	5th	4th
Ranking of cervical cancer (15-44 years)	3rd	4th

**Table 3. Burden of cervical HPV infection United Arab Emirates**

	No. Tested	% (95% CI)
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 the United Arab Emirates 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	1.2 [0.3-2.2]
Total fertility rate (live births per women)	1.7
Hormonal contraception use (%)	12
HIV prevalence (%) [95% UI] (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**

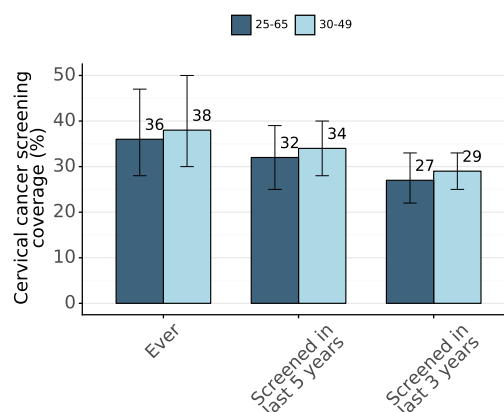
Females	
HPV vaccination programme	Introduced
Year of introduction	2008
Year of estimation	2021
HPV coverage – first dose (%)	-
HPV coverage – last dose (%)	-
Males	
HPV vaccination programme	Not Available/Not Introduced
Year of introduction	-
Year of estimation	-
HPV coverage – first dose (%)	-
HPV coverage – last dose (%)	-

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

Existence of official national recommendations	Yes
Starting year of recommendations	2003
Active invitation to screening	No
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	25-29 (cytology, 3 years); 30-65 (cytology OR HPV test, 5 years)

\*Data from Abu-Dabi

**Figure 2. Estimated coverage of cervical cancer screening in United Arab Emirates\***



\* Estimated coverage and 95% confidence interval in 2019

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