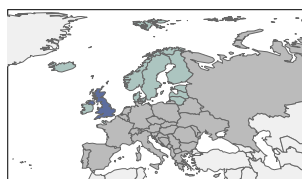


# United Kingdom

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

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



United Kingdom has a population of 28.3 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 3791 women are diagnosed with cervical cancer and 1121 die from

the disease. Cervical cancer ranks as the 12th most frequent cancer among women in United Kingdom and the 2nd most frequent cancer among women between 15 and 44 years of age. About 3.2% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 79.0% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	11.0
Anal cancer	1.62	3.32
Vulva cancer	-	4.43
Vaginal cancer	-	0.89
Penile cancer	2.27	-
Oropharyngeal cancer	6.29	2.04
Oral cavity cancer	11.7	6.95
Laryngeal cancer	6.31	1.46

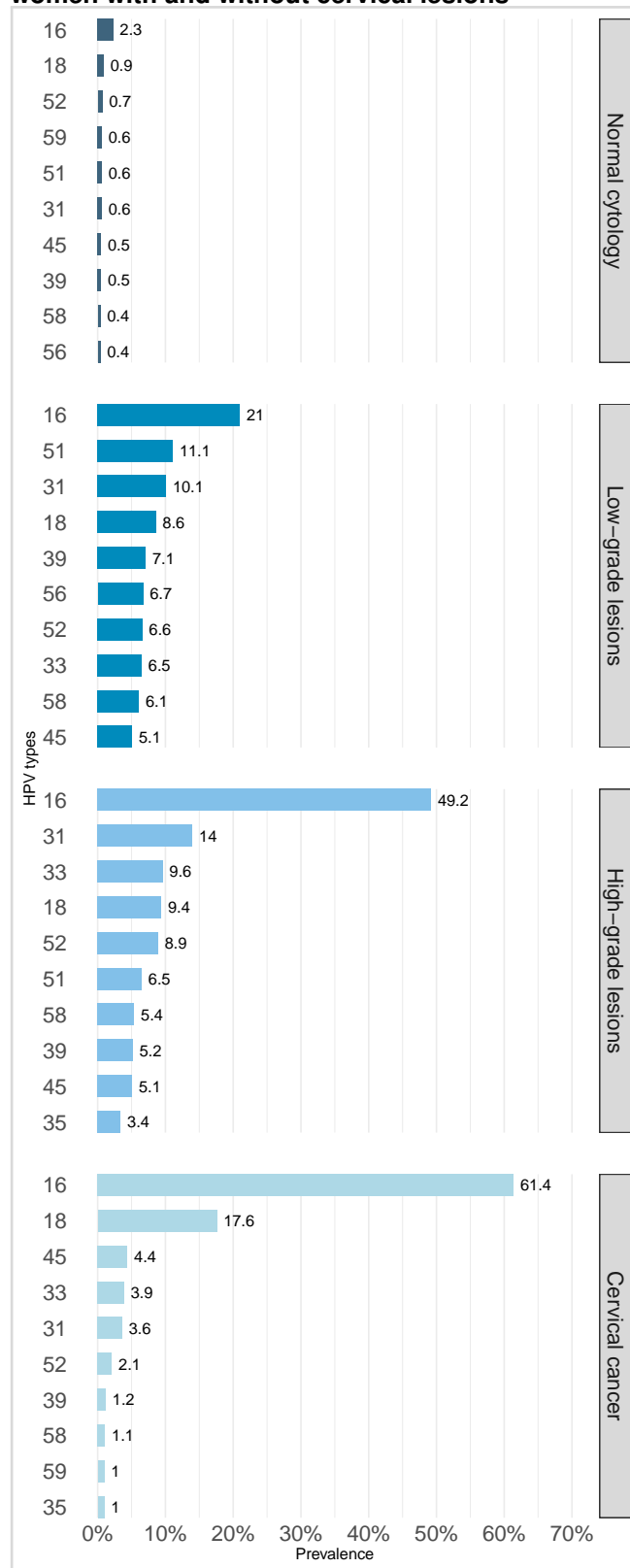
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	3791	1121
Crude rate	11.0	3.26
Age-standardized rate	9.91	1.92
Cumulative risk 0-74 years (%)	0.81	0.19
Ranking of cervical cancer (all years)	12th	16th
Ranking of cervical cancer (15-44 years)	2nd	3rd

**Table 3. Burden of cervical HPV infection United Kingdom**

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	42449	3.2 (3.0-3.4)
Low-grade cervical lesions	2768	29.6 (27.9-31.3)
High-grade cervical lesions	2927	58.6 (56.8-60.4)
Cervical cancer	3140	79.0 (77.6-80.4)

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



# United Kingdom

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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	18.5 [14.6-22.4]
Total fertility rate (live births per women)	1.9
Hormonal contraception use (%)	28
HIV prevalence (%) [95% UI] (15-49 years)	0.1 [0.1-0.1]

**Table 5. Sexual behaviour**

MEN	
Percentage of 15-year-old who have had sexual intercourse	24.0
Range of median age at first sexual intercourse	16.0 - 19.1
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	32.0
Range of median age at first sexual intercourse	16.0 - 20.9

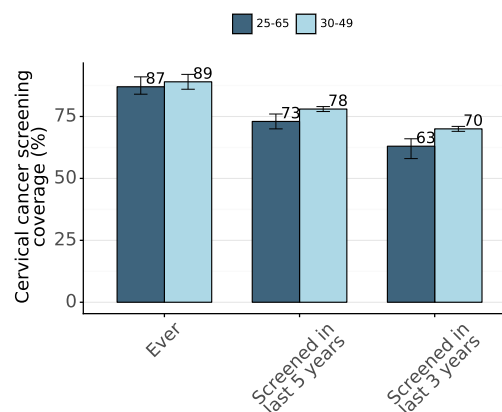
**Table 6. HPV vaccine introduction**

Females	
HPV vaccination programme	Introduced
Year of introduction	2008
Year of estimation	2021
HPV coverage – first dose (%)	77
HPV coverage – last dose (%)	59
Males	
HPV vaccination programme	Introduced
Year of introduction	2019
Year of estimation	2021
HPV coverage – first dose (%)	71
HPV coverage – last dose (%)	48

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

Existence of official national recommendations	Yes
Starting year of recommendations	2020
Active invitation to screening	Yes
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	Varies by region. Please see full country report for detail by region. For example, England: 25-49 (HPV test, 3 years); 50-64 (HPV test, 5 years)

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



\* Estimated coverage and 95% confidence interval in 2019

#### Contact information:

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