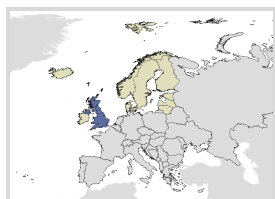


# United Kingdom

## Human Papillomavirus and Related Cancers, Fact Sheet 2018 (2019-06-17)



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



United Kingdom has a population of 27.20 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 3430 women are diagnosed with cervical cancer and 1033 die

from the disease. Cervical cancer ranks as the 13th 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	-	10.2
Anal cancer	1.0-1.8	1.6-2.7
Vulva cancer	-	2.2-4.4
Vaginal cancer	-	0.5-1.1
Penile cancer	1.0-2.4	-
Oropharynx	7.0	2.2

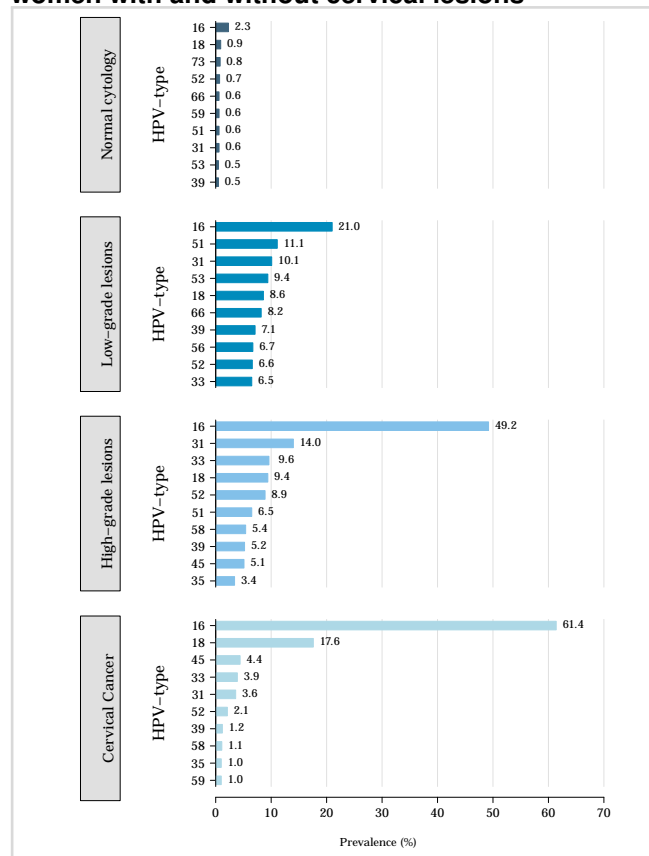
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	3430	1033
Crude rate	10.2	3.1
Age-standardized rate	8.4	1.7
Cumulative risk 0-74 years (%)	0.7	0.2
Ranking of cervical cancer (all years)	13th	18th
Ranking of cervical cancer (15-44 years)	2nd	2nd

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

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	68176	10.3 (10.1-10.5)
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**



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### II. Complementary data on cervical cancer prevention

**Table 4. Factors contributing to cervical cancer (co-factors)**

Smoking prevalence (%), women	19.5 [15.4-25.1]
Total fertility rate (live births per women)	1.9
Hormonal contraception use (%) (pill, injectable or implant), among women	31.0
HIV prevalence (%), adults (15-49 years)	-

**Table 5. Sexual behaviour**

<b>MEN</b>	
Percentage of 15-year-old who have had sexual intercourse	21
Range of median age at first sexual intercourse	16.0-19.1
<b>WOMEN</b>	
Percentage of 15-year-old who have had sexual intercourse	32
Range of median age at first sexual intercourse	16.0-20.9

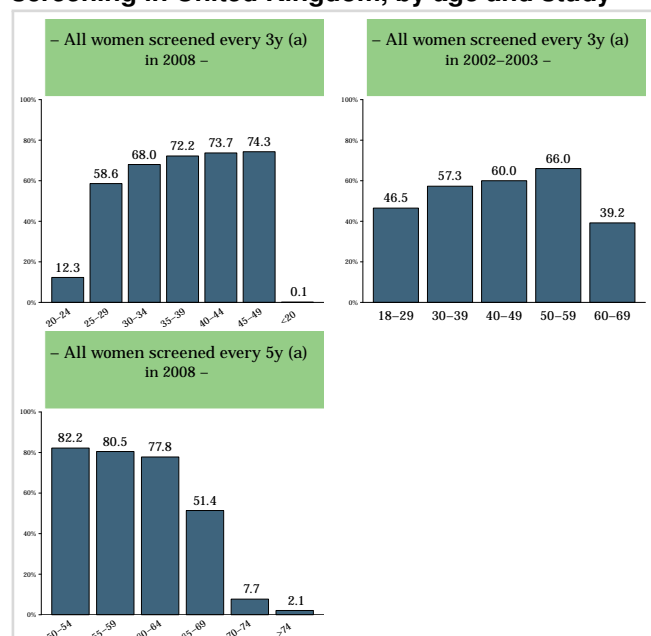
**Table 6. HPV vaccine introduction**

HPV vaccination programme	National program
Date of HPV vaccination routine immunization programme start	2008

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

Cervical cancer screening coverage, % (age and screening interval, reference)	77.5% (All women aged 25-64 screened every 5y, EUROSTAT UK)
Screening ages (years)	25-64
Screening interval (years) or frequency of screens	3 years (ages 25-49), 5 years (ages 50-64)

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



<sup>a</sup> 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).

#### Contact information:

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