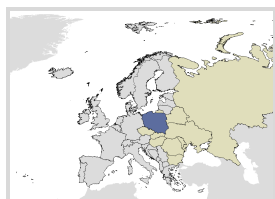


Poland

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



I. Key data on HPV and HPV-related cancers



Poland has a population of 17.13 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 3220 women are diagnosed with cervical cancer and 1947 die from

the disease. Cervical cancer ranks as the 7th most frequent cancer among women in Poland and the 4th most frequent cancer among women between 15 and 44 years of age. About 3.4% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 88.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	16.3
Anal cancer	0.3-0.5	0.6-1.1
Vulva cancer	-	2.1-2.8
Vaginal cancer	-	0.2-0.5
Penile cancer	0.9-1.3	-
Oropharynx	6.8	2.5

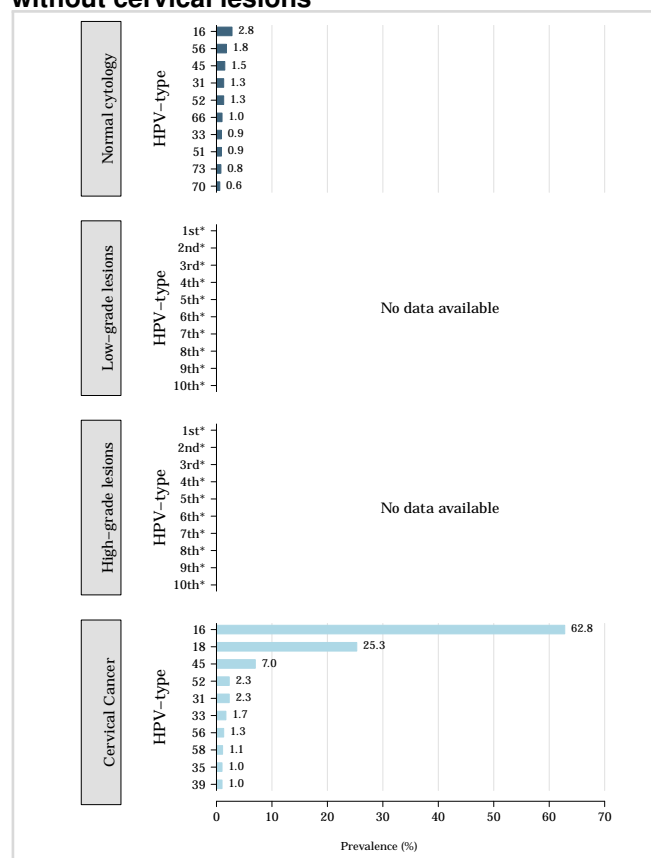
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	3220	1947
Crude rate	16.3	9.9
Age-standardized rate	9.4	4.9
Cumulative risk 0-74 years (%)	1.0	0.6
Ranking of cervical cancer (all years)	7th	9th
Ranking of cervical cancer (15-44 years)	4th	3rd

Table 3. Burden of cervical HPV infection Poland

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	799	14.4 (12.1-17.0)
HPV 16/18 prevalence:		
Normal cytology	799	3.4 (2.3-4.9)
Low-grade cervical lesions	-	--
High-grade cervical lesions	-	--
Cervical cancer	1010	88.1 (86.0-90.0)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Poland 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	25.2 [19.6-30.8]
Total fertility rate (live births per women)	1.3
Hormonal contraception use (%) (pill, injectable or implant), among women	3.4
HIV prevalence (%), adults (15-49 years)	-

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	16
Range of median age at first sexual intercourse	17.0
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	18
Range of median age at first sexual intercourse	18.0-18.7

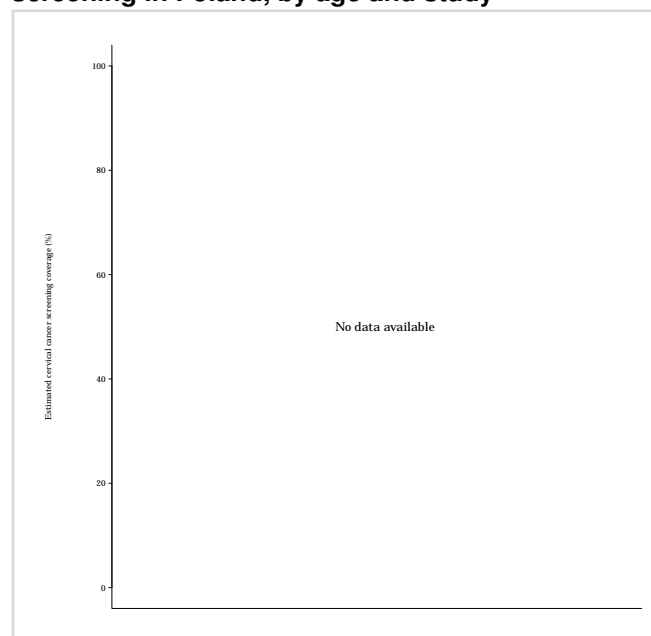
Table 6. HPV vaccine introduction

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)	21.2% (All women aged 25-59 screened every 3y, Nowakowski 2015)
Screening ages (years)	25-59
Screening interval (years) or frequency of screens	3 years

Figure 2. Estimated coverage of cervical cancer screening in Poland, 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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