

Poland

Human Papillomavirus and Related Cancers, Fact Sheet 2021 (2021-10-22)



I. Key data on HPV and HPV-related cancers



Poland has a population of 16.7 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 3862 women are diagnosed with cervical cancer and 2137 die from the disease.

Cervical cancer ranks as the 6th most frequent cancer among women in Poland and the 3rd 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	-	19.8
Anal cancer	1.18	1.44
Vulva cancer	-	3.90
Vaginal cancer	-	0.55
Penile cancer	2.40	-
Oropharyngeal cancer	6.87	2.05
Oral cavity cancer	16.3	6.68
Laryngeal cancer	14.8	2.17

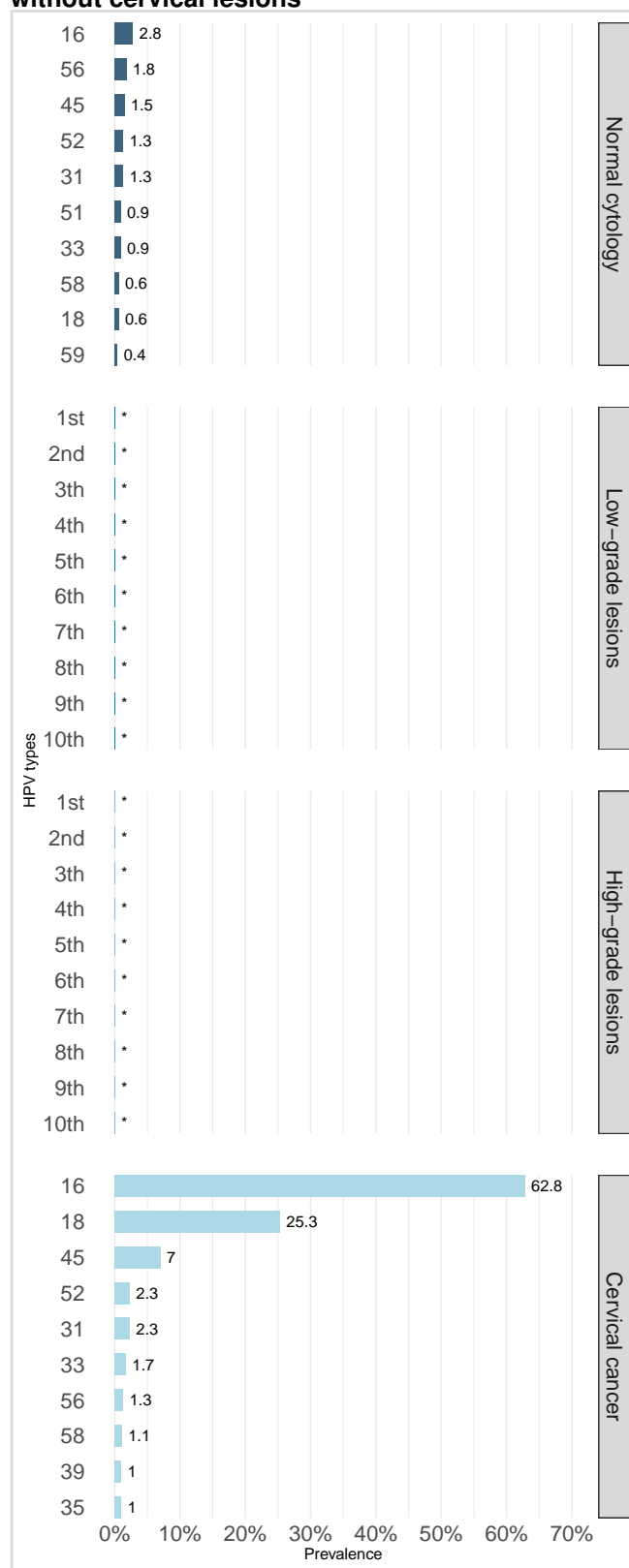
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	3862	2137
Crude rate	19.8	11.0
Age-standardized rate	12.3	5.86
Cumulative risk 0-74 years (%)	1.30	0.65
Ranking of cervical cancer (all years)	6th	7th
Ranking of cervical cancer (15-44 years)	3rd	3rd

Table 3. Burden of cervical HPV infection Poland

	No. Tested	% (95% CI)
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



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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	21.7 [17-26.3]
Total fertility rate (live births per women)	1.3
Hormonal contraception use (%)	17
HIV prevalence (%) [95% UI] (15-49 years)	- [—]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	16.0
Range of median age at first sexual intercourse	17.0
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	18.0
Range of median age at first sexual intercourse	18.0 - 18.7

Table 6. HPV vaccine introduction in females

HPV vaccination programme	Not Available, Not Introduced/No Plans
Year of introduction	-
HPV coverage – first dose (%) (estimation year 2019)	-
HPV coverage – last dose (%) (estimation year 2019)	-
HPV coverage – first dose (%) (estimation year 2020)	-
HPV coverage – last dose (%) (estimation year 2020)	-

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

No data available

^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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