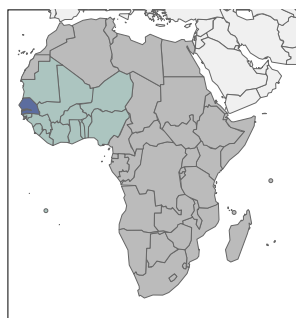


Senegal

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



I. Key data on HPV and HPV-related cancers



Senegal has a population of 5.18 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 1937 women are diagnosed with cervical cancer and 1312 die from the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Senegal and the 2nd most frequent cancer among women between 15

and 44 years of age. About 2.3% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 44.7% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	22.6
Anal cancer	0.48	0.37
Vulva cancer	-	0.45
Vaginal cancer	-	0.33
Penile cancer	0.06	-
Oropharyngeal cancer	0.12	0.09
Oral cavity cancer	1.00	1.11
Laryngeal cancer	0.53	0.10

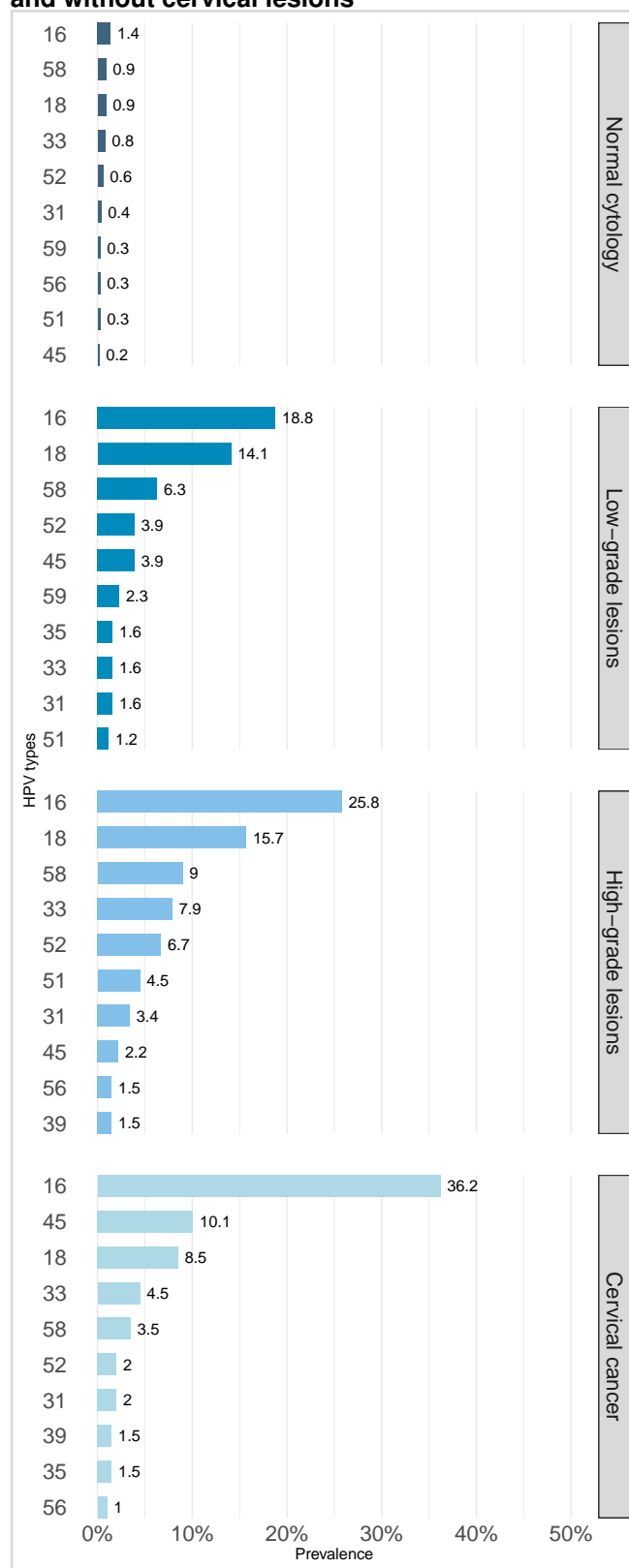
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	1937	1312
Crude rate	22.6	15.3
Age-standardized rate	36.3	26.0
Cumulative risk 0-74 years (%)	4.09	3.09
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	2nd	2nd

Table 3. Burden of cervical HPV infection Senegal

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	1797	2.3 (1.7-3.1)
Low-grade cervical lesions	128	32.8 (25.3-41.3)
High-grade cervical lesions	89	41.6 (31.9-52.0)
Cervical cancer	199	44.7 (38.0-51.7)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Senegal 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	0.4 [0.2-0.6]
Total fertility rate (live births per women)	4.6
Hormonal contraception use (%)	4.40
HIV prevalence (%) [95% UI] (15-49 years)	0.5 [0.5-0.6]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	13.0
Range of median age at first sexual intercourse	19.1 - 23.9
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	9.0
Range of median age at first sexual intercourse	17.0 - 20.0

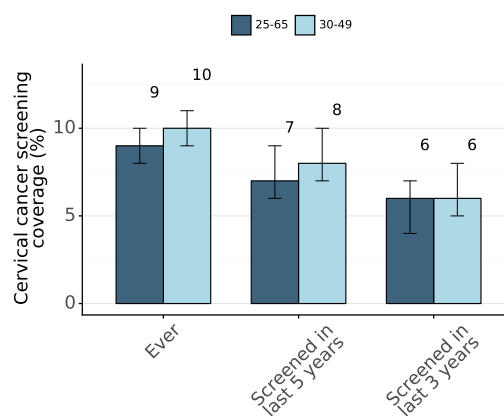
Table 6. HPV vaccine introduction

Females	
HPV vaccination programme	Introduced
Year of introduction	2018
Year of estimation	2021
HPV coverage – first dose (%)	39
HPV coverage – last dose (%)	21
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	2018
Active invitation to screening	No
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	30-69 (VIA, 3 years)

Figure 2. Estimated coverage of cervical cancer screening in Senegal*



* Estimated coverage and 95% confidence interval in 2019

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