

San Marino

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



I. Key data on HPV and HPV-related cancers



San Marino has a population of 15,159 women ages 15 years and older who are at risk of developing cervical cancer. Data is not yet available on the HPV burden in the general population of San Marino. However, in Southern Europe, the region

San Marino belongs to, about 3.8% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 68.0% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	-
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Oropharyngeal cancer	-	-
Oral cavity cancer	-	-
Laryngeal cancer	-	-

Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	-	-
Crude rate	-	-
Age-standardized rate	-	-
Cumulative risk 0-74 years (%)	-	-
Ranking of cervical cancer (all years)	-	-
Ranking of cervical cancer (15-44 years)	-	-

Table 3. Burden of cervical HPV infection San Marino

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	-	-
Low-grade cervical lesions	-	-
High-grade cervical lesions	-	-
Cervical cancer	-	-

Figure 1. Comparison of the ten most frequent HPV oncogenic types in San Marino 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	- [—]
Total fertility rate (live births per women)	-
Hormonal contraception use (%)	-
HIV prevalence (%) [95% UI] (15-49 years)	-

Table 5. Sexual behaviour

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

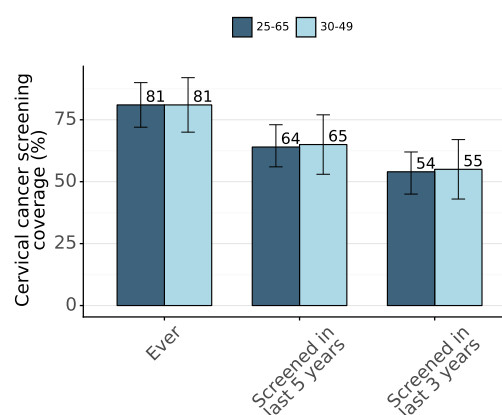
Table 6. HPV vaccine introduction

Females	
HPV vaccination programme	Introduced
Year of introduction	2008
Year of estimation	2021
HPV coverage – first dose (%)	46
HPV coverage – last dose (%)	23
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	2006
Active invitation to screening	Yes
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	25-30 (cytology, 3 years); 31-65 (HPV test, 5 years)

Figure 2. Estimated coverage of cervical cancer screening in San Marino*



* 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
www.hpvcentre.net