

# Samoa

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



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



Samoa has a population of 68,257 women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 10 women are diagnosed with cervical cancer and 6 die from the disease. Cervical cancer ranks as the 7th most frequent cancer among women in Samoa and the 4th most frequent cancer among women between 15 and 44 years of age. Data is not yet available on the HPV burden in the general population of Samoa. However, in Oceania, about 8.3% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 76.6% of invasive cervical cancers are attributed to HPVs 16 or 18.

**Table 1. Crude incidence rates of HPV-related cancers**

	Male	Female
Cervical cancer	-	10.4
Anal cancer	0	0
Vulva cancer	-	0
Vaginal cancer	-	0
Penile cancer	0	-
Oropharyngeal cancer	0	0
Oral cavity cancer	3.89	1.04
Laryngeal cancer	0.97	0

**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	10	6
Crude rate	10.4	6.27
Age-standardized rate	12.4	7.52
Cumulative risk 0-74 years (%)	1.48	0.96
Ranking of cervical cancer (all years)	7th	7th
Ranking of cervical cancer (15-44 years)	4th	3rd

**Table 3. Burden of cervical HPV infection Samoa**

	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 Samoa among women with and without cervical lesions**



No data available

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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	16.4 [10.8-22.4]
Total fertility rate (live births per women)	3.9
Hormonal contraception use (%)	5.90
HIV prevalence (%) [95% UI] (15-49 years)	- [—]

**Table 5. Sexual behaviour**

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

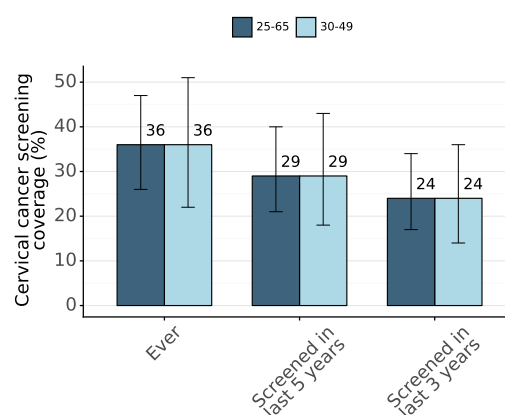
**Table 6. HPV vaccine introduction**

<b>Females</b>	
HPV vaccination programme	Not Available/Not Introduced
Year of introduction	-
Year of estimation	-
HPV coverage – first dose (%)	-
HPV coverage – last dose (%)	-
<b>Males</b>	
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	No
Starting year of recommendations	-
Active invitation to screening	-
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	-

**Figure 2. Estimated coverage of cervical cancer screening in Samoa\***



\* Estimated coverage and 95% confidence interval in 2019

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