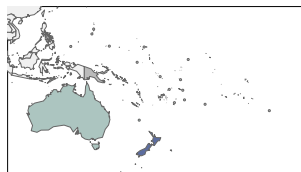


# New Zealand

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



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



New Zealand has a population of 2.13 million women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 174 women are diagnosed with cervical cancer and 81 die from the disease.

Cervical cancer ranks as the 12th most frequent cancer among women in New Zealand 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 New Zealand. However, in Australia and New Zealand, the region New Zealand belongs to, about 8.5% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 76.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	7.10
Anal cancer	1.14	1.84
Vulva cancer	-	2.65
Vaginal cancer	-	0.73
Penile cancer	0.89	-
Oropharyngeal cancer	3.08	0.77
Oral cavity cancer	8.78	4.08
Laryngeal cancer	3.71	0.65

**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	174	81
Crude rate	7.10	3.30
Age-standardized rate	5.63	1.97
Cumulative risk 0-74 years (%)	0.51	0.20
Ranking of cervical cancer (all years)	12th	15th
Ranking of cervical cancer (15-44 years)	4th	3rd

**Table 3. Burden of cervical HPV infection New Zealand**

	No. Tested	% (95% CI)
HPV 16/18 prevalence:		
Normal cytology	-	-
Low-grade cervical lesions	-	-
High-grade cervical lesions	418	65.3 (60.6-69.7)
Cervical cancer	-	-

**Figure 1. Comparison of the ten most frequent HPV oncogenic types in New Zealand 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	13.6 [11-15.8]
Total fertility rate (live births per women)	2.0
Hormonal contraception use (%)	20.7
HIV prevalence (%) [95% UI] (15-49 years)	<0.1 [<0.1 -<0.1]

**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	-

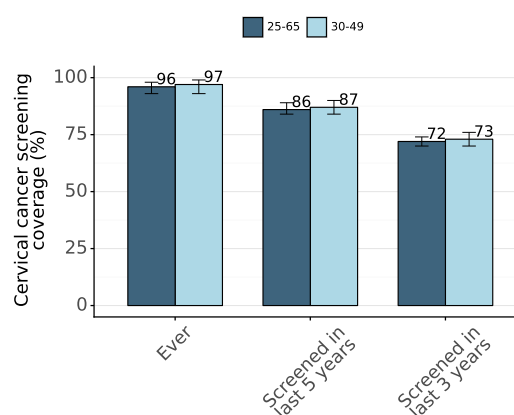
**Table 6. HPV vaccine introduction**

Females	
HPV vaccination programme	Introduced
Year of introduction	2008
Year of estimation	2021
HPV coverage – first dose (%)	68
HPV coverage – last dose (%)	48
Males	
HPV vaccination programme	Introduced
Year of introduction	2017
Year of estimation	2021
HPV coverage – first dose (%)	68
HPV coverage – last dose (%)	46

**Table 7. Cervical screening practices and recommendations**

Existence of official national recommendations	Yes
Starting year of recommendations	2019
Active invitation to screening	Yes
Screening ages (years), primary screening test used, and screening interval or frequency of screenings	25-69 (cytology, 3 years)

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



\* 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](mailto:info@hpvcentre.net)  
[www.hpvcentre.net](http://www.hpvcentre.net)