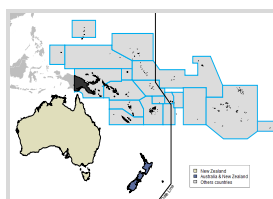


New Zealand

Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-07-27)



I. Key data on HPV and HPV-related cancers



New Zealand has a population of 1.87 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 145 women are diagnosed with cervical cancer and 54 die

from the disease. Cervical cancer ranks as the 13th 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 & 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	-	6.4
Anal cancer	0.0-0.9	0.2-2.0
Vulva cancer	-	0.5-2.6
Vaginal cancer	-	0.3-0.6
Penile cancer	0.0-0.7	-
Pharynx (excluding nasopharynx)	3.6	0.7

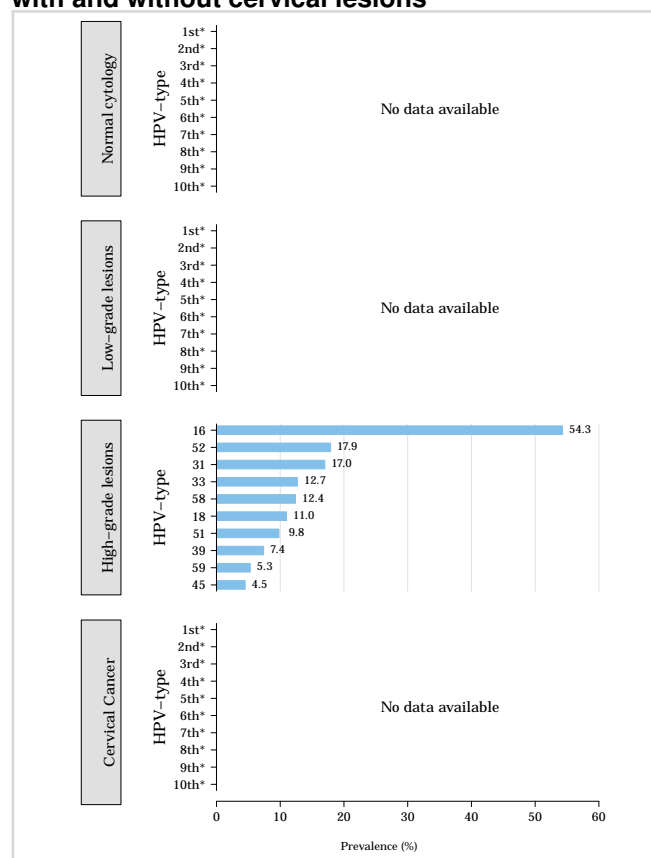
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	145	54
Crude rate	6.4	2.4
Age-standardized rate	5.3	1.4
Cumulative risk 0-74 years (%)	0.5	0.2
Ranking of cervical cancer (all years)	13th	18th
Ranking of cervical cancer (15-44 years)	4th	9th

Table 3. Burden of cervical HPV infection New Zealand

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	-	--
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



*No data available. No more types than shown were tested or were positive.

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II. Complementary data on cervical cancer prevention

Table 4. Factors contributing to cervical cancer (co-factors)

Smoking prevalence (%), women	16.7 [14.1-19.9]
Total fertility rate (live births per women)	1.9
Hormonal contraception use (%) (pill, injectable or implant), among women	22.5
HIV prevalence (%), adults (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	-

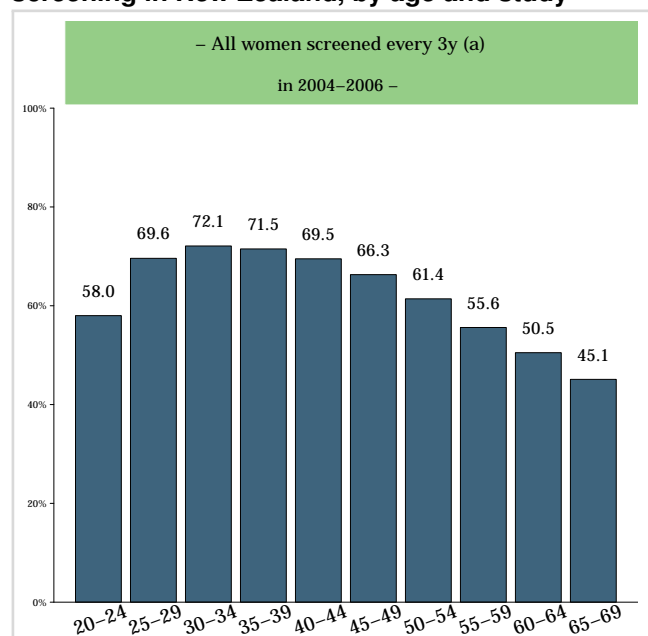
Table 6. HPV vaccine introduction

HPV vaccination programme	National program
Date of HPV vaccination routine immunization programme start	2008

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	76.3% (All women aged 25-69 screened every 3y, NCSP 2015 New Zealand)
Screening ages (years)	20-70 (cytology), 25-69 (HPV test)
Screening interval (years) or frequency of screens	3 years (cytology), 5 years (HPV test)

Figure 2. Estimated coverage of cervical cancer screening in New Zealand, by age and study



^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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