

Panama

Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-04-19)



I. Key data on HPV and HPV-related cancers



Panama has a population of 1.44 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 351 women are diagnosed with cervical cancer and 134 die from the

disease. Cervical cancer ranks as the 2nd most frequent cancer among women in Panama and the 2nd 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 Panama. However, in Central America, the region Panama belongs to, about 4.7% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 63.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	19.5
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	2.4	0.4

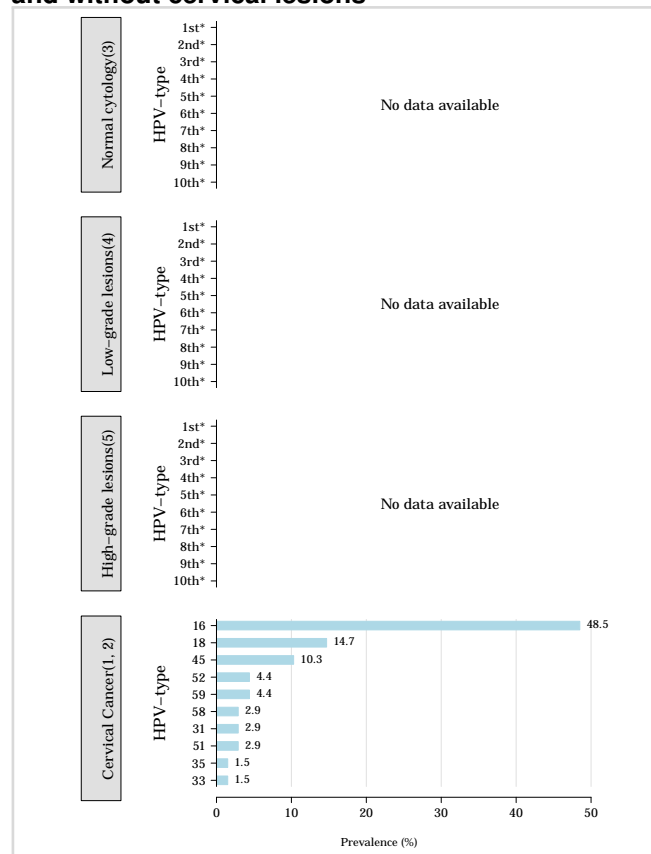
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	351	134
Crude rate	19.5	7.4
Age-standardized rate	18.7	7.1
Cumulative risk 0-74 years (%)	1.8	0.8
Ranking of cervical cancer (all years)	2nd	2nd
Ranking of cervical cancer (15-44 years)	2nd	2nd

Table 3. Burden of cervical HPV infection Panama

	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	-	--
Cervical cancer	68	63.2 (51.4-73.7)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Panama 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	2.8
Total fertility rate (live births per women)	2.4
Hormonal contraception use (%) (pill, injectable or implant), among women	23.9
HIV prevalence (%), adults (15-49 years)	0.6 [0.5 - 0.9]

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	17.0

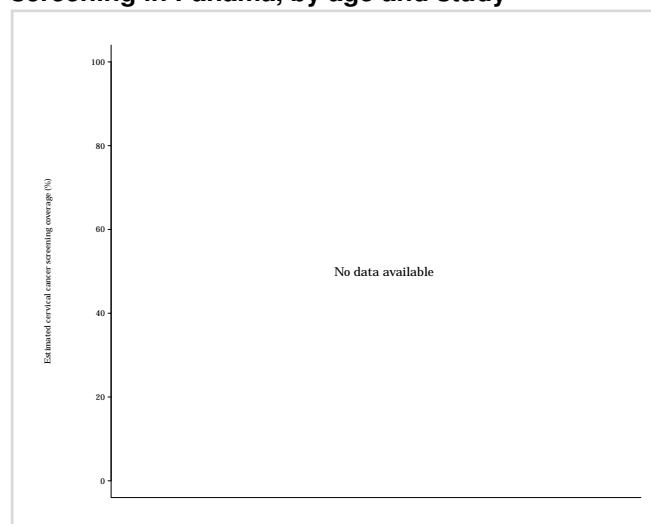
Table 6. HPV vaccine introduction

HPV vaccination programme	National program
Date of HPV vaccination routine immunization programme start	2008
HPV vaccination target age for routine immunization	10
Full course HPV vaccination coverage for routine immunization:	
% (calendar year)	67% (2010)

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	10.0% (screened every 1y, Basic Indicators 2011 Panama)
Screening ages (years)	25-59
Screening interval (years) or frequency of screens	3 years after 3 consecutive annual negative tests

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



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