

Cuba

Human Papillomavirus and Related Cancers, Fact Sheet 2018 (2019-06-17)



I. Key data on HPV and HPV-related cancers



Cuba has a population of 4.77 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 1231 women are diagnosed with cervical cancer and 597 die from

the disease. Cervical cancer ranks as the 4th most frequent cancer among women in Cuba and the 2nd most frequent cancer among women between 15 and 44 years of age. About 39.6% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 63.4% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	21.4
Anal cancer	-	-
Vulva cancer	-	1.8
Vaginal cancer	-	0.2
Penile cancer	2.5	-
Oropharynx	10.2	1.4

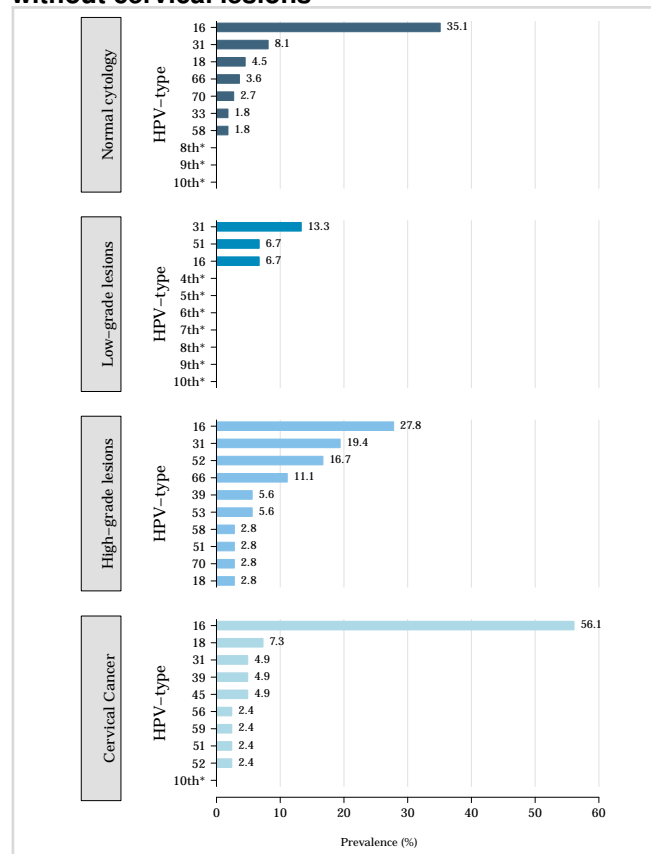
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	1231	597
Crude rate	21.4	10.4
Age-standardized rate	14.6	6.0
Cumulative risk 0-74 years (%)	1.4	0.7
Ranking of cervical cancer (all years)	4th	4th
Ranking of cervical cancer (15-44 years)	2nd	2nd

Table 3. Burden of cervical HPV infection Cuba

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	111	41.4 (32.7-50.7)
HPV 16/18 prevalence:		
Normal cytology	111	39.6 (31.0-48.9)
Low-grade cervical lesions	15	6.7 (1.2-29.8)
High-grade cervical lesions	36	30.6 (18.0-46.9)
Cervical cancer	41	63.4 (48.1-76.4)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Cuba 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	19.1 [8.4-32.1]
Total fertility rate (live births per women)	1.7
Hormonal contraception use (%) (pill, injectable or implant), among women	7.9
HIV prevalence (%), adults (15-49 years)	0.3 [0.3 - 0.3]

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	-

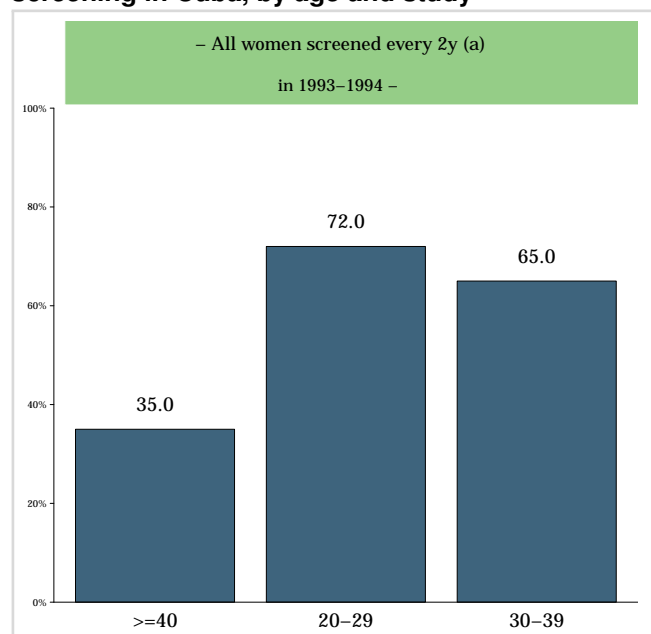
Table 6. HPV vaccine introduction

HPV vaccination programme	No program
Date of HPV vaccination routine immunization programme start	-

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	54.2% (All women aged ≥ 20 screened every 2y, Fernandez Garrote 1996)
Screening ages (years)	25-64
Screening interval (years) or frequency of screens	3 years

Figure 2. Estimated coverage of cervical cancer screening in Cuba, 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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