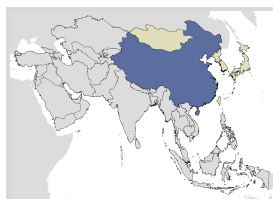


# China

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

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



China has a population of 557.32 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 61691 women are diagnosed with cervical cancer and 29526 die

from the disease. Cervical cancer ranks as the 8th most frequent cancer among women in China and the 2nd most frequent cancer among women between 15 and 44 years of age. About 3.7% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 69.1% of invasive cervical cancers are attributed to HPVs 16 or 18.

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

	Male	Female
Cervical cancer	-	9.4
Anal cancer	0.0-0.7	0.0-0.6
Vulva cancer	-	0.1-0.8
Vaginal cancer	-	0.0-0.5
Penile cancer	0.3-1.0	-
Pharynx (excluding nasopharynx)	0.8	0.2

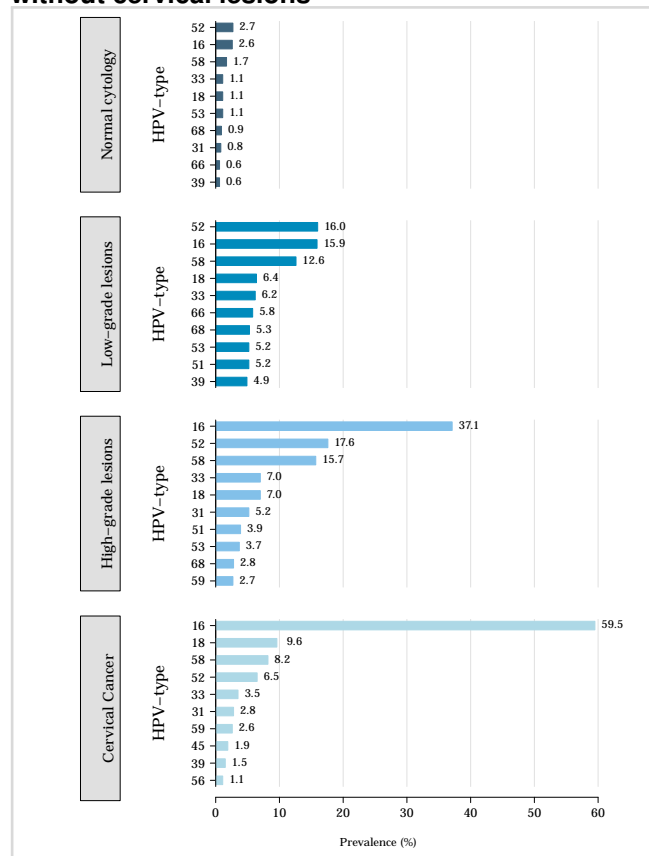
**Table 2. Burden of cervical cancer**

	Incidence	Mortality
Annual number of new cases/deaths	61691	29526
Crude rate	9.4	4.5
Age-standardized rate	7.5	3.4
Cumulative risk 0-74 years (%)	0.7	0.3
Ranking of cervical cancer (all years)	8th	7th
Ranking of cervical cancer (15-44 years)	2nd	3rd

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

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	155942	8.0 (7.9-8.1)
HPV 16/18 prevalence:		
Normal cytology	51260	3.7 (3.5-3.9)
Low-grade cervical lesions	3716	22.3 (21.0-23.7)
High-grade cervical lesions	5979	44.1 (42.9-45.4)
Cervical cancer	6435	69.1 (68.0-70.2)

**Figure 1. Comparison of the ten most frequent HPV oncogenic types in China 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 (%), women	1.9 [1.5-2.3]
Total fertility rate (live births per women)	1.2
Hormonal contraception use (%) (pill, injectable or implant), among women	1.5
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	17.0-23.0

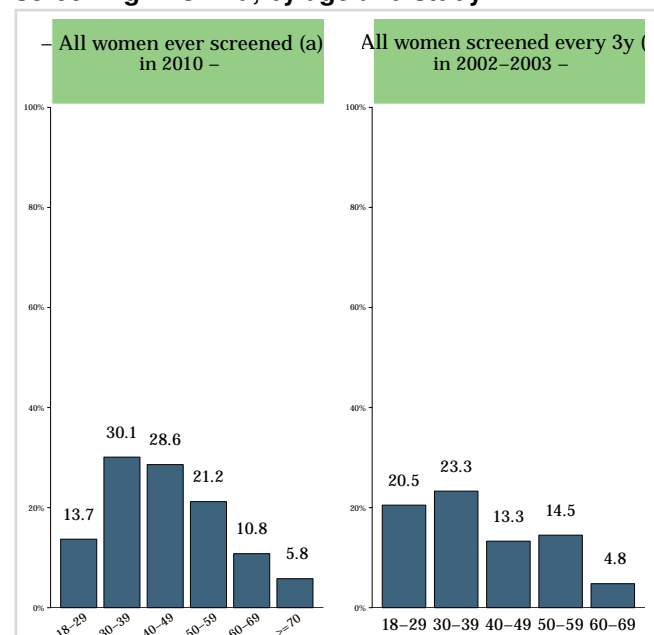
**Table 6. HPV vaccine introduction**

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)	20.7% (All women aged $\geq 18$ ever screened, Wang 2015)
Screening ages (years)	30-59
Screening interval (years) or frequency of screens	Cytology every 3 years (ages 35-59). VIA in rural women (ages 30-54)

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



<sup>a</sup> 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).

#### Contact information:

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