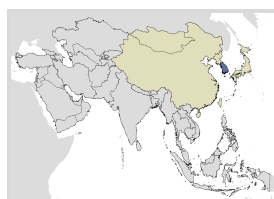


Korea, Republic of

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

I. Key data on HPV and HPV-related cancers



Republic of Korea has a population of 21.90 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 3299 women are diagnosed with cervical cancer and

1113 die from the disease. Cervical cancer ranks as the 7th most frequent cancer among women in Republic of Korea and the 4th most frequent cancer among women between 15 and 44 years of age. About 5.7% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 68.0% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	13.5
Anal cancer	0.2-0.5	0.2-0.7
Vulva cancer	-	0.1-0.4
Vaginal cancer	-	0.1-0.4
Penile cancer	0.1-0.3	-
Pharynx (excluding nasopharynx)	3.4	0.4

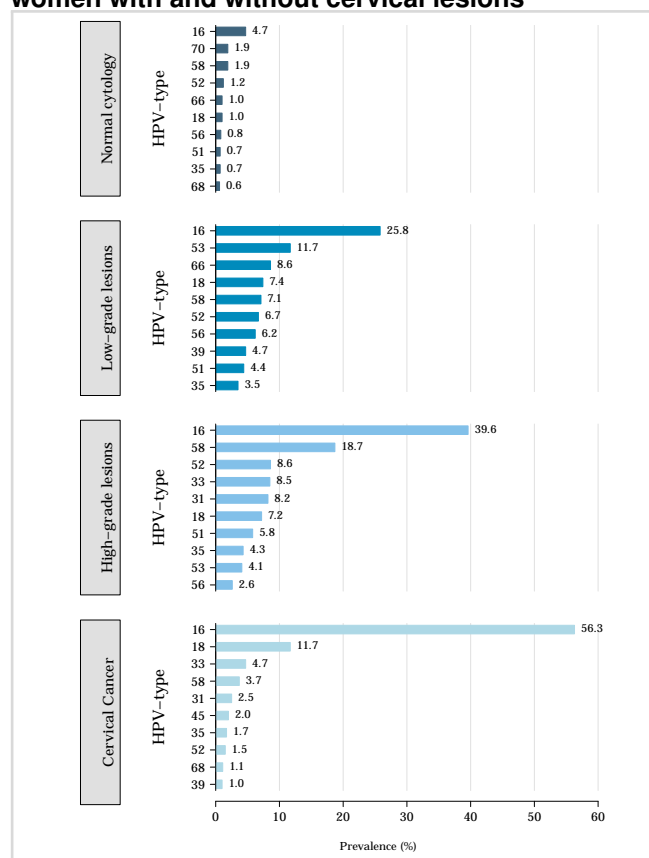
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	3299	1113
Crude rate	13.5	4.6
Age-standardized rate	9.5	2.6
Cumulative risk 0-74 years (%)	0.9	0.2
Ranking of cervical cancer (all years)	7th	8th
Ranking of cervical cancer (15-44 years)	4th	3rd

Table 3. Burden of cervical HPV infection the Republic of Korea

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	66314	15.5 (15.2-15.7)
HPV 16/18 prevalence:		
Normal cytology	15675	5.7 (5.3-6.1)
Low-grade cervical lesions	659	33.2 (29.7-36.9)
High-grade cervical lesions	704	46.7 (43.1-50.4)
Cervical cancer	1651	68.0 (65.7-70.2)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in the Republic of Korea 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	4.3 [2.4-6.6]
Total fertility rate (live births per women)	1.2
Hormonal contraception use (%) (pill, injectable or implant), among women	8.6
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	-

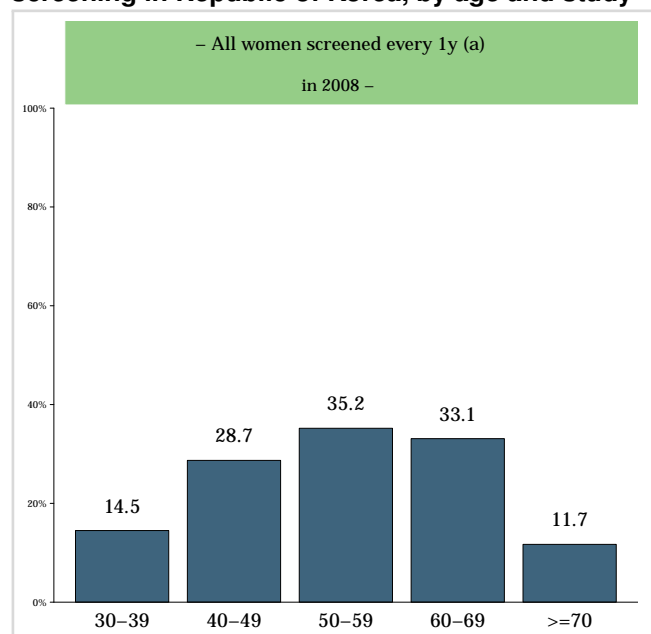
Table 6. HPV vaccine introduction

HPV vaccination programme	National program
Date of HPV vaccination routine immunization programme start	2016

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	67.0% (All women aged 30-74 screened every 2y, Suh 2015)
Screening ages (years)	Above 30
Screening interval (years) or frequency of screens	2 years

Figure 2. Estimated coverage of cervical cancer screening in Republic of Korea, 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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