

Burkina Faso

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



I. Key data on HPV and HPV-related cancers



Burkina Faso has a population of 5.04 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 1155 women are diagnosed with cervical cancer and 845 die

from the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Burkina Faso 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 Burkina Faso. However, in Western Africa, the region Burkina Faso belongs to, about 4.3% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 55.6% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	13.1
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	0.3	0.1

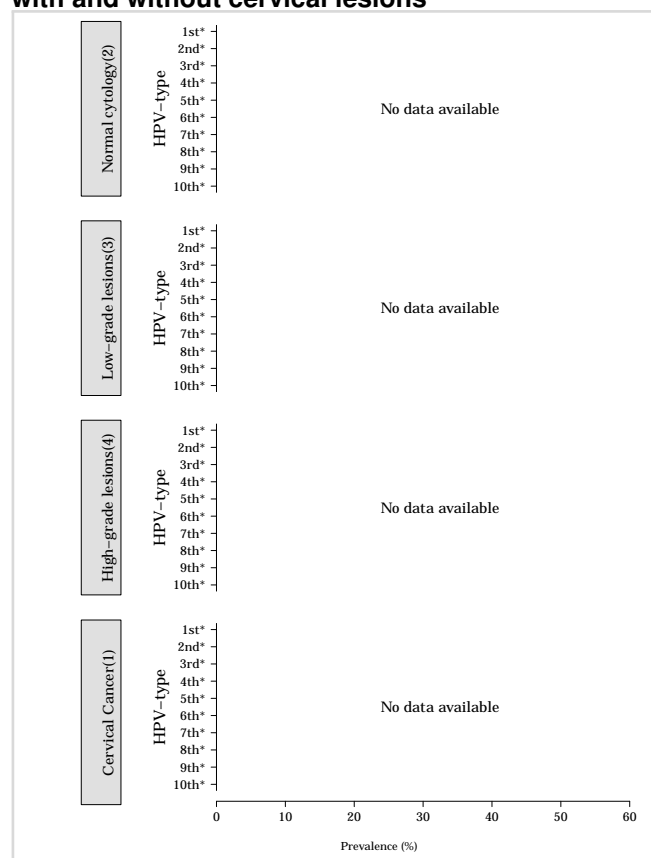
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	1155	845
Crude rate	13.1	9.6
Age-standardized rate	23.3	18.6
Cumulative risk 0-74 years (%)	2.5	2.0
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	2nd	2nd

Table 3. Burden of cervical HPV infection Burkina Faso

	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	-	--

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Burkina Faso 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	4.8
Total fertility rate (live births per women)	6.0
Hormonal contraception use (%) (pill, injectable or implant), among women	12.8
HIV prevalence (%), adults (15-49 years)	0.9 [0.8 - 1.1]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	1.6
Range of median age at first sexual intercourse	-
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	7.7
Range of median age at first sexual intercourse	17.3-17.6

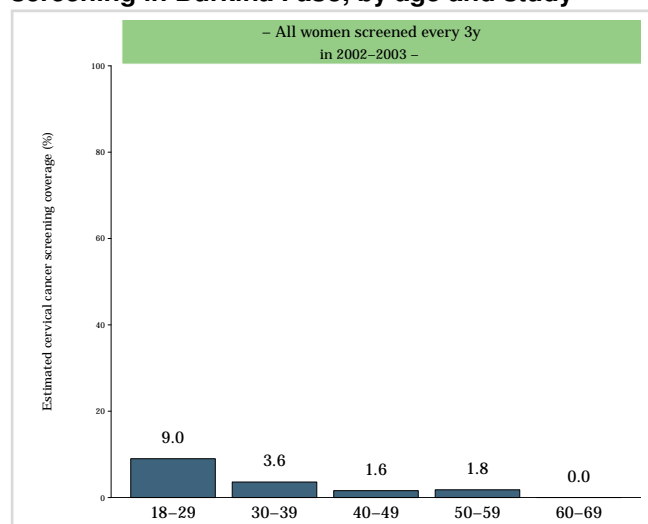
Table 6. HPV vaccine introduction

HPV vaccination programme	Pilot program
Date of HPV vaccination routine immunization programme start	-
HPV vaccination target age for routine immunization	-
Full course HPV vaccination coverage for routine immunization:	
% (calendar year)	-

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	5.1% (All women aged 25-64 screened every 3y, WHS 2003 Burkina Faso)
Screening ages (years)	-
Screening interval (years) or frequency of screens	-

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



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