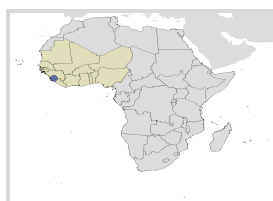


Sierra Leone

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



I. Key data on HPV and HPV-related cancers



Sierra Leone has a population of 1.89 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 512 women are diagnosed with cervical cancer and 372 die

from the disease. Cervical cancer ranks as the 1st most frequent cancer among women in Sierra Leone 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 Sierra Leone. However, in Western Africa, the region Sierra Leone 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	-	16.4
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	0.3	0.0

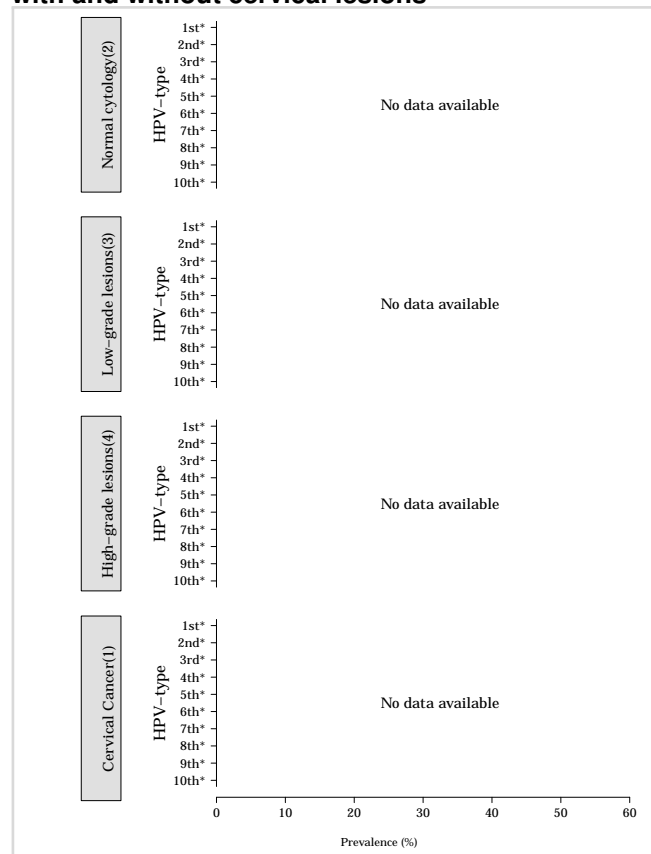
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	512	372
Crude rate	16.4	11.9
Age-standardized rate	30.2	25.0
Cumulative risk 0-74 years (%)	3.3	2.8
Ranking of cervical cancer (all years)	1st	1st
Ranking of cervical cancer (15-44 years)	2nd	2nd

Table 3. Burden of cervical HPV infection Sierra Leone

	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 Sierra Leone 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	12.9
Total fertility rate (live births per women)	5.1
Hormonal contraception use (%) (pill, injectable or implant), among women	13.8
HIV prevalence (%), adults (15-49 years)	1.4 [1.2 - 1.6]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	10.4
Range of median age at first sexual intercourse	18.1-18.8
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	19.3
Range of median age at first sexual intercourse	16.1-16.5

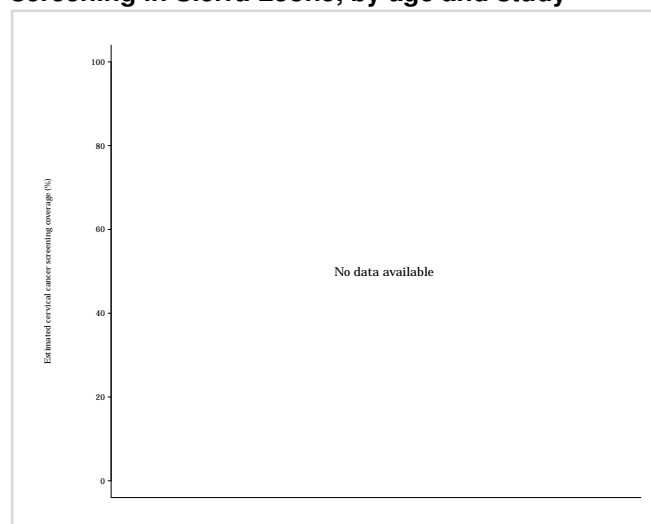
Table 6. HPV vaccine introduction

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)	-
Screening ages (years)	-
Screening interval (years) or frequency of screens	-

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



Contact information:

ICO HPV Information Centre
 Institut Català d'Oncologia
 Avda. Gran Via de l'Hospitalet, 199-203
 08908 L'Hospitalet de Llobregat (Barcelona, Spain)
 e-mail: info@hpvcentre.net
 internet address: www.hpvcentre.net