**NORTH MACEDONIA**

**CERVICAL CANCER PROFILE**

**Morbidity and Mortality**

Crude cervical cancer incidence per 100 000 women (2020): 10.9
Age-standardized cervical cancer incidence per 100 000 women (2020): 7.5
Cumulative risk of cervical cancer, ages 0-74 (2020): 0.8%
Cervical cancer deaths (2019): 68
Cervical cancer mortality-to-incidence ratio (2020): 0.55
Population-based cancer registry exists (2021): Yes

**Primary Prevention**

HPV vaccination programme coverage among girls (2020)

<table>
<thead>
<tr>
<th>Programme coverage</th>
<th>Coverage by age</th>
<th>% of target population</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0% 20% 40% 60% 80% 100%</td>
</tr>
<tr>
<td>first dose</td>
<td>final dose</td>
<td>30% 43% 30% 38%</td>
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</tbody>
</table>

Among girls turning 15 years old in 2020, 3 in 10 received their final HPV vaccination dose

HPV vaccination programme (2020):

- HPV included in national vaccination programme: Yes
- Scale of vaccination programme: National
- Year of introduction: 2009
- Primary target cohort: 12 years

**Related risk factors:**

- Tobacco use prevalence, women aged 15+ years (2020): ND
- Condom use at last high-risk sex (-): ND
- HIV incidence per 1000, women aged 15+ years (2020): ND

**Secondary Prevention**

National screening programme for cervical cancer exists (2021): Yes
Primary screening test used (2021): cytology
Target age range of programme (2021): 24-60 years
Programme/guidelines exist to strengthen early detection of first symptoms at primary health care level (2021): Yes
Clearly defined referral system exists from primary care to secondary and tertiary care (2021): Yes

Screening for cervical cancer (2019)

- Screened in last 5 years
- % of women aged 30 - 49 years

6 in 10 women have been screened for cervical cancer in the last 5 years

**Treatment and Supportive Care**

National guidelines on cervical cancer management exist (2021): Yes

Cancer diagnosis and treatment services generally available (2021):

- Cancer centre or cancer department at tertiary level: Yes
- Pathology services (laboratories): Yes
- Cancer surgery: Yes
- Chemotherapy: Yes
- Radiotherapy: Yes

Palliative care for patients with NCDs in the public health system generally available (2021):

- In primary health care facilities: Yes
- In community or home-based care: Yes

**WHO Cervical Cancer Elimination Strategy Targets for 2030**

- 90% of girls fully vaccinated with the HPV vaccine by the age of 15
- 70% of women are screened with a high-performance test by 35 years of age and again by 45 years of age
- 90% of women identified with cervical disease receive treatment

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ND = data not available

* Programme coverage: % of national target population (among 9-14-year-old girls)
† Coverage by age 15: % of population turning 15 that have been vaccinated against HPV at any time between ages 9 to 14

See Explanatory Notes for indicator descriptions.