



Summary general questions

Bosnia

September 19, 2018

Country description

The population in Bosnia is estimated at 3.5 million, with 30.183 births each year. The average life expectancy is estimated at 75 for men and 80 for women (2016). The gross national income per capita (PPP int. \$) is 12,876 (2017). The estimated total expenditure on health per capita (Intl \$, 2014) is 957 and the total current expenditure on health as percentage of GDP (2014) is 9.6%.

General health and school systems

The total density of hospitals is 1.02 per 100,000 people (2013). Almost 100% of children are born in the hospital or private maternity clinics (6%) and 99.9% of births are attended by skilled personnel. Prematurely born children can be treated from 24 weeks. The average stay in the hospital is 24 hours. The birth registration coverage is 99.5%. The infant mortality under the age of 5 per 1000 live births per year is 5.

The primary school starts from age 6.

Existing prevention programs and coverage

General Preventive Child Health Care Services are regionally organized. There are also regions that do not provide general preventive child health care. There are no general Preventive Child Health Care professionals, but pediatricians do the screening. The care is funded by parents, municipalities, charity and health insurance.

Health care contact moments in the first weeks and at 4-6 year

	Vaccination or tests	Coverage
First weeks		
12-24 h	Newborns - BCG vaccination and vaccination against B hepatitis (HBV vaccine)	93%
1 month	Second dose of HBV vaccine	78%
2 months	First dose of combined vaccine against diphtheria, tetanus, pertussis and polio and diseases caused by Haemophilus influenzae type B (DTaP-IPV-Hib or DTaP-IPV + monovalent vaccine against Hib)	66%
4-6 years	Revaccination with combined vaccine DTaP-IPV is recommended to age 5 -exceptionally up to 7 years.	69%
6 years	Revaccination MMR	88%

The screening is performed at the hospital, child health care centers, kindergarten and private clinics. There is no uniform way of inviting the children (letter and phone are used) and the final coverage of the invitation is unknown. The attendance to screening is probably low (estimate of 40%). There is no information provided on quality control, collection of outcomes or cost-effectiveness.

Vaccinations are part of the general screening program. For some regions the vaccinations and general preventive health care are obligatory and free of charge for the parents. For other regions this is not the case. The last five years there is a continuous decline in vaccination rates, varying now from 64% (measles, rubella and mumps) to 94% (BCG).

The average salary costs for a pediatrician are 6000 euros per year (5 euro per hour).

References

WHO (all accessed August 2018):

- Data on country population and economics: <http://www.who.int/countries/en/>
- Data on health infrastructure: <http://apps.who.int/gho/data/view.main.30000>
- Data on skilled professionals at birth: <http://apps.who.int/gho/data/view.main.1630>
- Data on birth registrations: <http://apps.who.int/gho/data/view.main.GSWCAH54v>
- Data on vaccinations: <http://apps.who.int/gho/data/view.main.UHCIMMUNIZATIONv>

World Bank (accessed August 2018):

- GDP per capita: <https://data.worldbank.org/indicator/NY.GDP.PCAP.PP.CD?view=chart>