



Summary general questions

Macedonia

November 8, 2018

Country description

The population in Macedonia is estimated at 2.1 million, with 23,000 births each year. The average life expectancy is estimated at 74 for men and 78 for women (2016). The gross national income per capita (PPP int. \$) is 15,231 (2017). The estimated total expenditure on health per capita (Intl \$, 2014) is 851 and the total current expenditure on health as percentage of GDP (2014) is 6.5%.

General health and school systems

The total density of hospitals is 4.08 per 100,000 people (2013). Almost all children are born in the hospital or maternity clinic and 99.9% of the births are attended by skilled personnel. Prematurely born children can be treated from 22-24 weeks. The average stay in the hospital is 3-7 days. The birth registration coverage is 99.7%. The infant mortality under the age of 5 per 1000 live births per year is 13 (in 2016).

The primary school starts at age 6.

Existing prevention programmes and coverage

General Preventive Child Health Care programmes are nationally organized and are performed by pediatricians, general practice doctors, youth health care doctors, nurses and midwives. The care is funded by the health insurance and municipalities and free of charge for the parents.

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

	Vaccination or tests	Coverage
First weeks		
1 day	hepB, BCG	95%
1 week	General examination	80%
1 month	General examination	70%
2 months	DiTePer, Hib, HepB, polio	94%
3 months	General examination	70%
4-6 year		
4 years	General examination	70%
6 years	General examination	97%
6 years	MRP	82%

Children are not invited for general preventive child health care screening, parents have notification (date) in the health card of the child to bring them to the health care center. If parents don't bring their children in health care center for vaccination, they are invited by the nurse in the health care center. Usually general preventive health care screening is connected with vaccination. About 70-80% of the children attend the screening. Representatives from the Institute for Health Care of mothers and children and from the Institute of Public Health visit regional preventive teams and analyse their work. The Institute for Mothers and Children Health Protection has the duty to monitor and collect data.

About 95% of the children are vaccinated. Vaccination is obligatory.

The total costs of general screening are 139,000 for mothers and children and 130000 euros for school children and students. The average salary costs for a pediatrician or doctor are 7,200 euros, for a nurse 5,200 euros and for a midwife 4,800euros per year.

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>

State Statistical Office of Macedonia (accessed August 2018)

--<http://www.stat.gov.mk/PrikaziPublikacija.aspx?id=34&rbr=674>