



## Summary general questions

### Czech Republic

October 22, 2018

#### Country description

The population in the Czech Republic is estimated at 10.6 million, with 114,000 births each year. The average life expectancy is estimated at 76 for men and 82 for women (2016). The gross national income per capita (PPP int. \$) is 36,916 (2017). The estimated total expenditure on health per capita (Intl \$, 2014) is 2,146 and the total current expenditure on health as percentage of GDP (2014) is 7.4%.

#### General health and school systems

The total density of hospitals is 1.29 per 100,000 people (2013). Almost all children are born in the hospital and 99.8% of births are attended by skilled personnel. Prematurely born children can be treated from 23 weeks. The average stay in the hospital is 6 days. The birth registration coverage is 100%. The infant mortality under the age of 5 per 1000 live births per year is 3.

The primary school starts at age 6.

#### Existing prevention programmes and coverage

General Preventive Child Health Care programmes are nationally organized, although there are regions that don't provide hearing screening. The screening is performed by youth health care doctors and nurses and private general pediatricians. The care is funded by health insurance and free of charge for the parents.

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

	Vaccination or tests	Coverage
<b>First weeks</b>		
1 day	General examination	99-100%
2 days after release hospital	General examination	unknown
2 weeks	General examination	unknown
6 weeks	General examination	unknown
4-6 weeks	Tuberculosis, rotavirus	96%
<b>4-6 year</b>		
5 years	General examination	unknown
5 years	Measles, rubella, mumps, chicken-pox, diphtheria, pertussis, tetanus	96%

All children are invited for screening and most children attend. The newborn screening is monitored, the screening for older children is performed by many professionals. Information on outcomes is not provided. No information has been provided on cost-effectiveness.

Vaccinations are obligatory. About 96% of the children are vaccinated.

The total costs of general screening are unknown. The average salary costs for a youth health care doctor and nurse are 20 euros 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>