

# Primary paediatric care in the Czech Republic

**Hana Cabrnová, M.D.**  
Chairman of Society  
for primary paediatric care  
Czech medical association of J.E. Purkyne



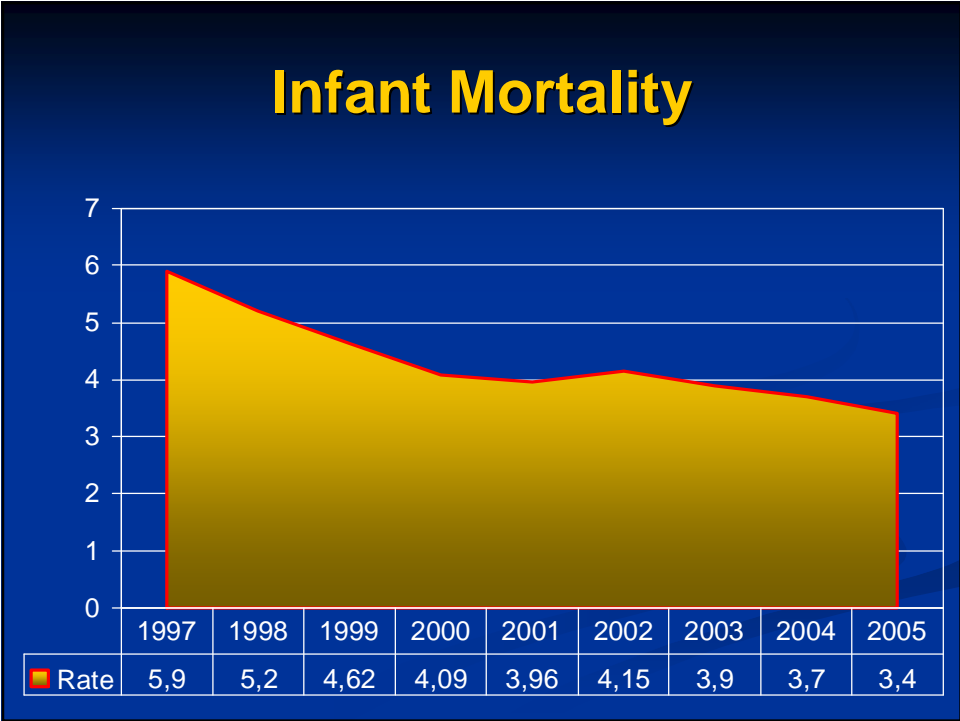
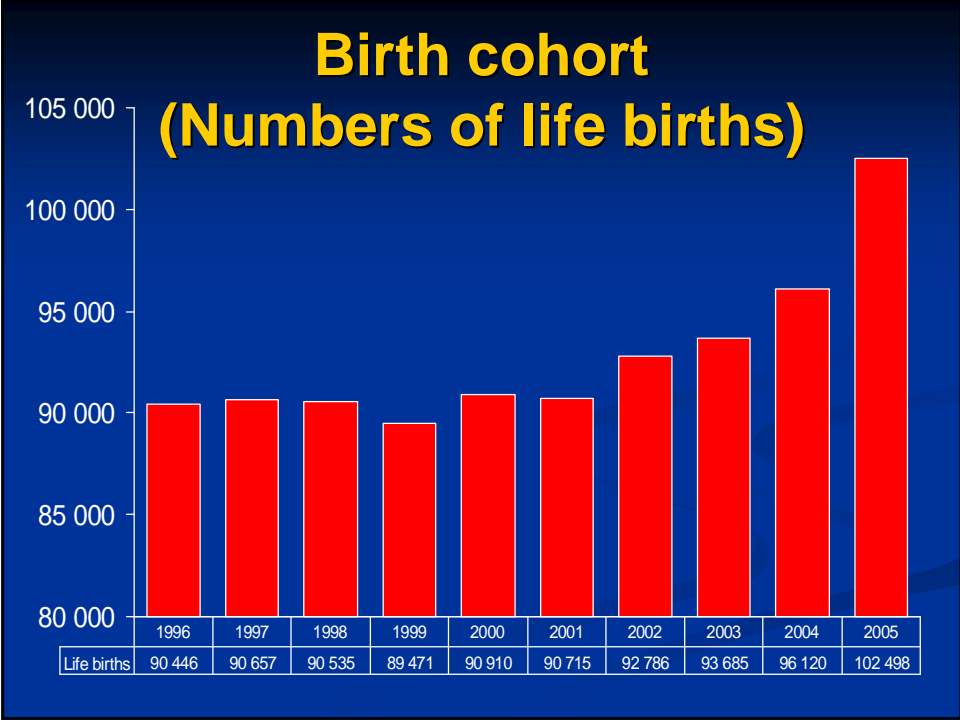
## Background of the Country

### n Demographics:

- n Population 10 215 000
- n Population density 129 per sq km
- n Neonatal mortality rate 2.36
- n Infant mortality rate 3.4
- n Life expectancy at birth - male 72.03
- n Life expectancy at birth - female 78.51

## Demographic structure

- n 0 4,5%
- n 1 - 4 16,9%
- n 5 - 9 20,8 %
- n 10 - 14 27,8%
- n 15 - 19 30,0 %
  
- n 2 184 141 children and adolescents



## Primary care

- n Pediatricians (family pediatricians, GPPs, primary care pediatrician PCP)
- n General practitioners for adults (GPs)

### Primary pediatric care:

- n children 0 - 19 years
- n 98% registration



## GPP in out-patient care in 2005

- n 2 293 physicians GPP
- n 9-11 physicians for children and adolescents per 10 000 inhabitants up to 19 years
- n 98 % private practices
- n The proportion of breast-fed children at the age of 6 months = 46%

## Pediatric training

- n Basic pediatric training      3 years
  - n Special pediatric training    2 years
1. Primary care pediatrics
  2. Secondary care pediatricians  
(hospital pediatrics)
  3. Tertiary care pediatricians  
(pediatric sub specialists)

## The Effectiveness of primary care by GPPs

- n Responsibility for newborns after discharge from maternity clinic
  - The CZ      within 48 hours
  - EU          within 4 days
- n Quantitative data:
  - n use of antibiotics
  - n number of hospitalized children
  - n prescribed vitamin D
  - n allergy prevention (HA milk formulas)
  - n iron therapy

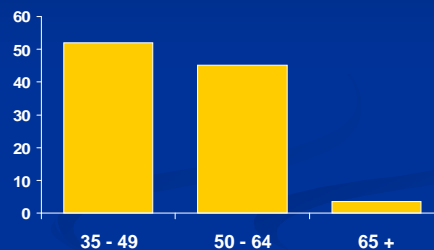
## Immunisation calendar

Level (%) of vaccine coverage:

nBCG	98.5 %
nDTP	97.0 – 98.7 %
nPolio	96.7 %
nHib 9	7.0 %
nMMR	96.7 %
nHepB	87.2 % (birth)

## Age of pediatricians in primary care

n age 35 - 49	51,9%
n age 50 - 64	45%
n age 65 +	3,6%



n Female	79 %
Male	21%

