

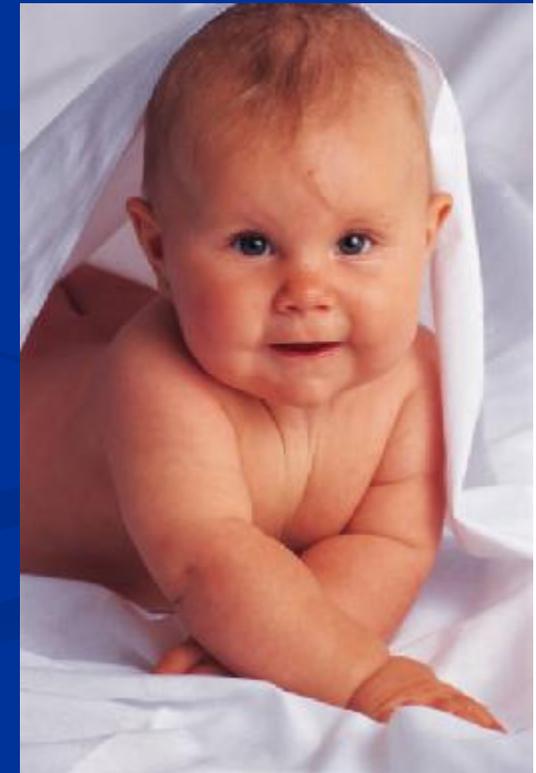
# Primary paediatric care in the Czech Republic

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Chairman of Society

for primary paediatric care

Czech medical association of J.E. Purkyne





# Background of the Country

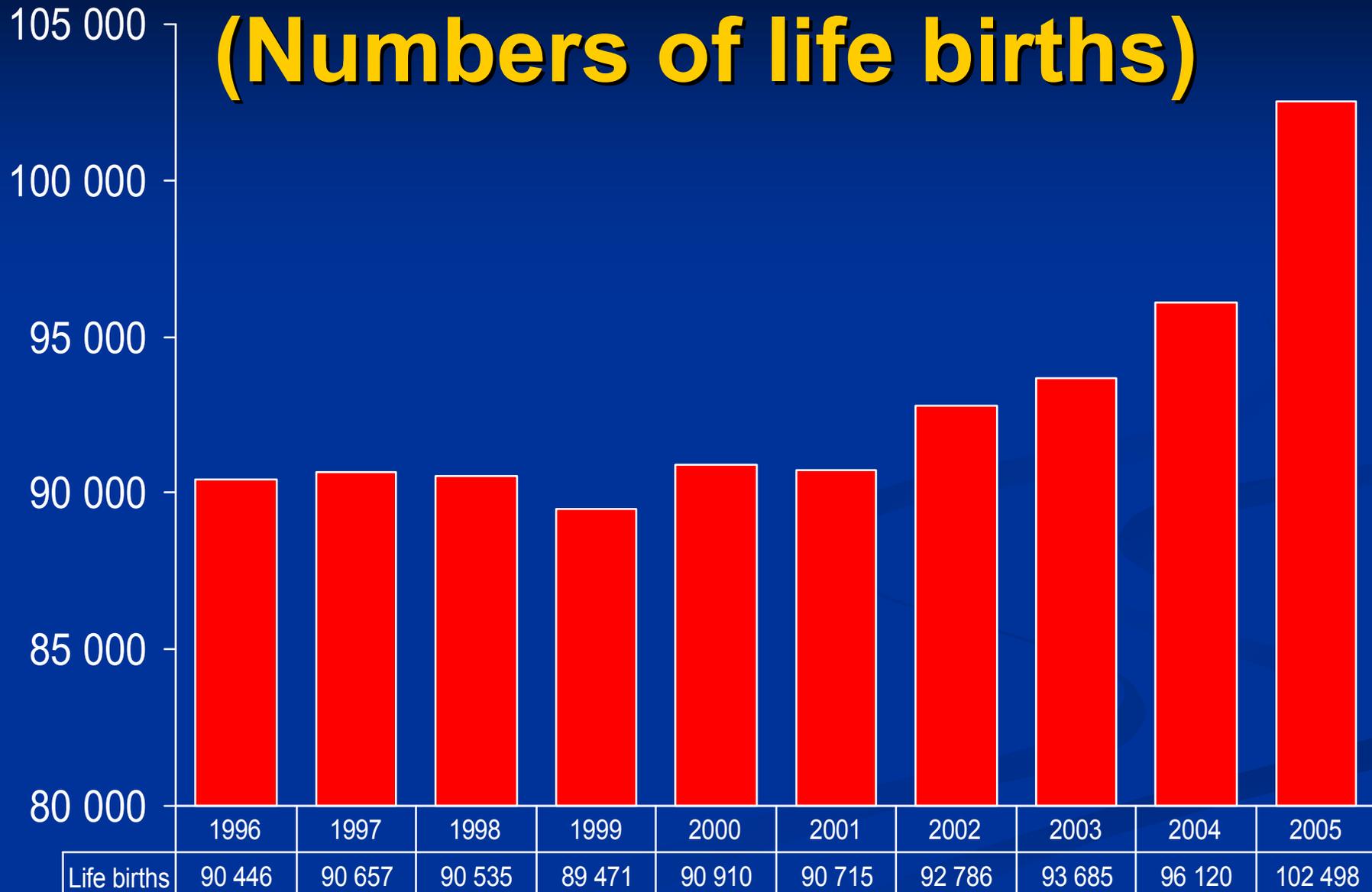
## ■ Demographics:

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

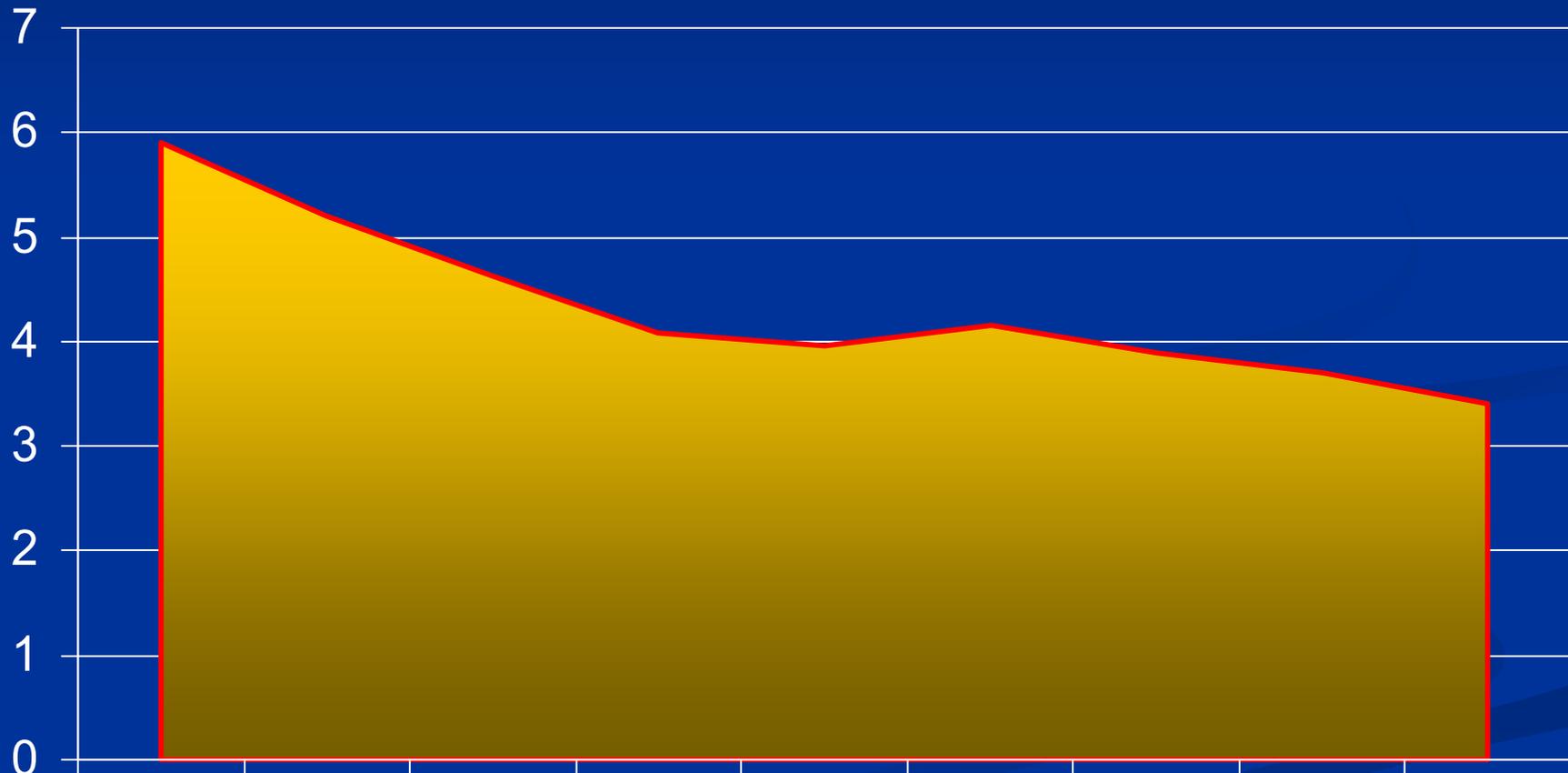
# Demographic structure

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

# Birth cohort (Numbers of life births)



# Infant Mortality



■ Rate	1997	1998	1999	2000	2001	2002	2003	2004	2005
	5,9	5,2	4,62	4,09	3,96	4,15	3,9	3,7	3,4

# Primary care

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

## Primary pediatric care:

- children 0 - 19 years
- 98% registration



# GPP in out-patient care in 2005

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

# Paediatric training

- Basic paediatric training 3 years
  - Special paediatric training 2 years
1. Primary care paediatrics
  2. Secondary care paediatricians  
(hospital paediatrics)
  3. Tertiary care paediatricians  
(paediatric sub specialists)

# The Effectiveness of primary care by GPPs

- Responsibility for newborns after discharge from maternity clinic

The CZ      within 48 hours

EU            within 14 days

- Quantitative data:
  - use of antibiotics
  - number of hospitalized children
  - prescribed vitamin D
  - allergy prevention (HA milk formulas)
  - iron therapy

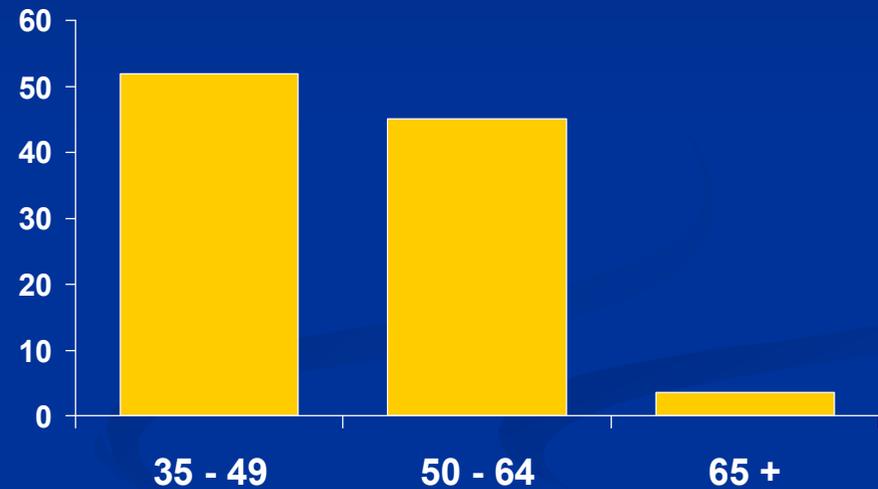
# Immunisation calendar

Level (%) of vaccine coverage:

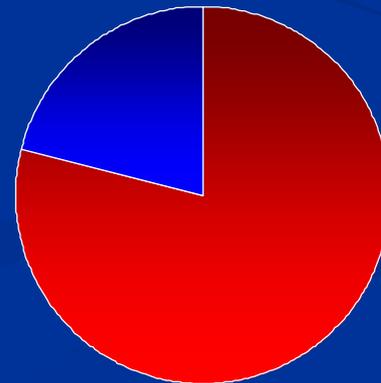
- BCG 98.5 %
- DTP 97.0 – 98.7 %
- Polio 96.7 %
- MMR 96.7 %
- HepB 87.2 % (birth)

# Age of pediatricians in primary care

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



- Female 79 %
- Male 21°%





**Thank you !**