

# Ageing and Nutrition Research Czech Republic

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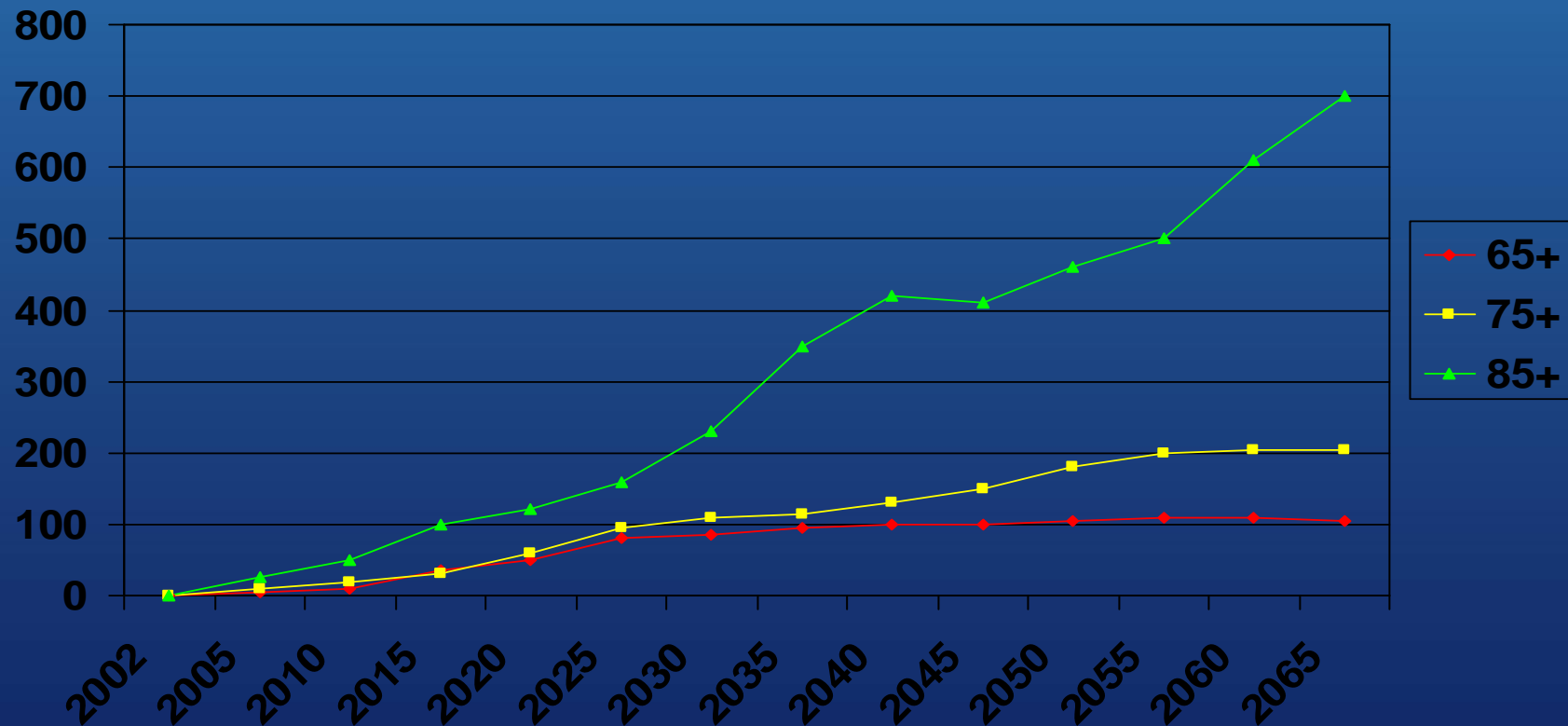
# Czech Republic

- 10 220 577 inhabitants  
(CSU 2007)
- 14% 65+(16% in Prague)
- 1 468 857 seniors
- 576 050 men
- 892 807 women
- 328 478 80+
- Life expectancy
- 72,88 men, 79,10 women



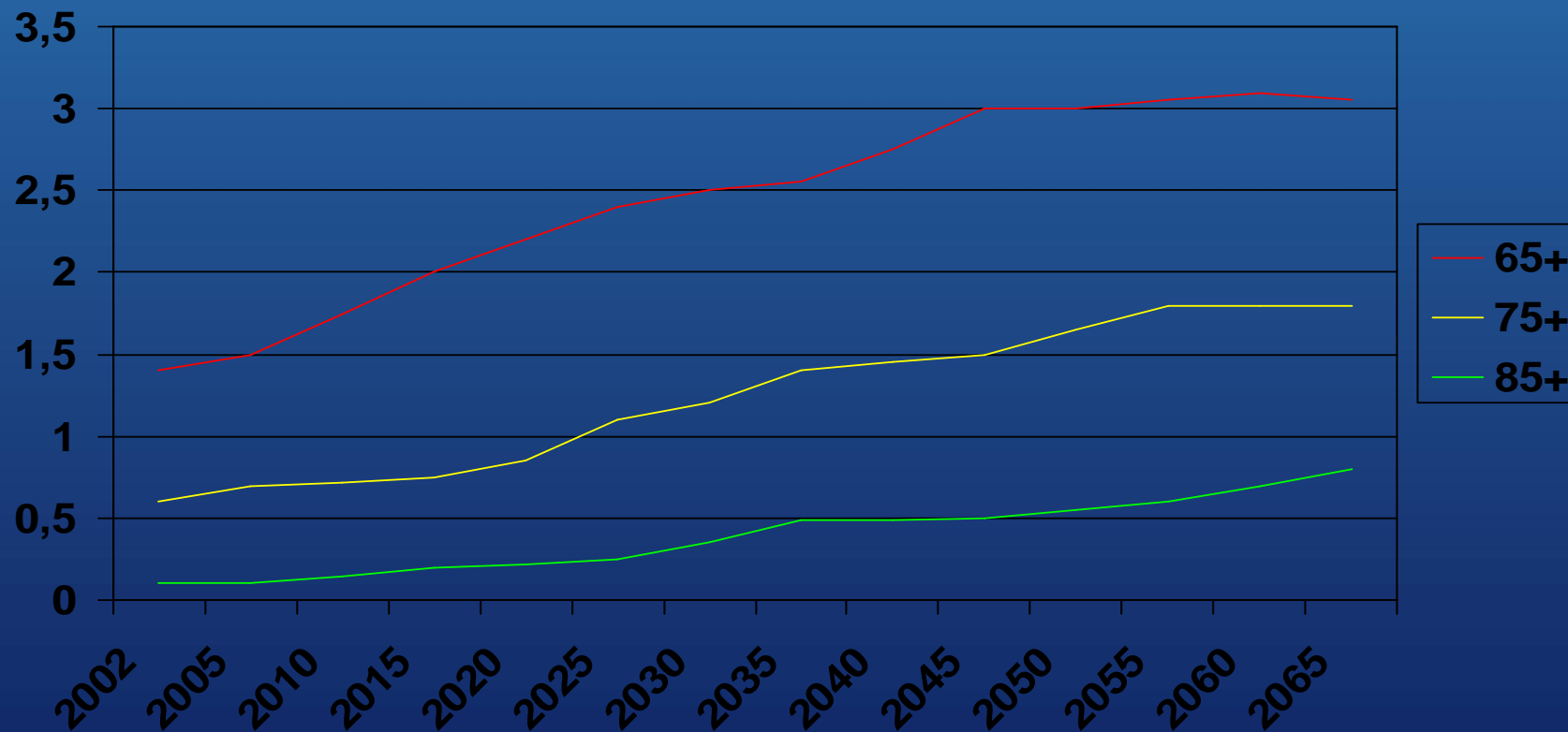
# Expected change of numbers of seniors (in %) in selected age groups, 2003-2065 compared to 2002

Boris Burcin, Tomáš Kučera, Katedra demografie a geodemografie PŘF UK  
Praha, 2003



# Expected numbers of seniors (millions) in selected age groups 2002-2065

Boris Burcin, Tomáš Kučera, Katedra demografie a geodemografie PŘF UK Praha, 2003



# The history of gerontology in Czechia, Czechoslovakia, Czech Republic

- 1843 – prof. Hamerník, **first lectures** on „diseases of old people
- 1892 – prof. Arnold Pick, publication on **dementia**
- 1926 – prof. Rudolf Eiselt: **geriatric department** Praha
- 1929 – **Masarykovy domovy**



# The history of gerontology in Czechia, Czechoslovakia, Czech Republic (cont)

1953 – International Association of Gerontology – prof. Prusík as a founding member

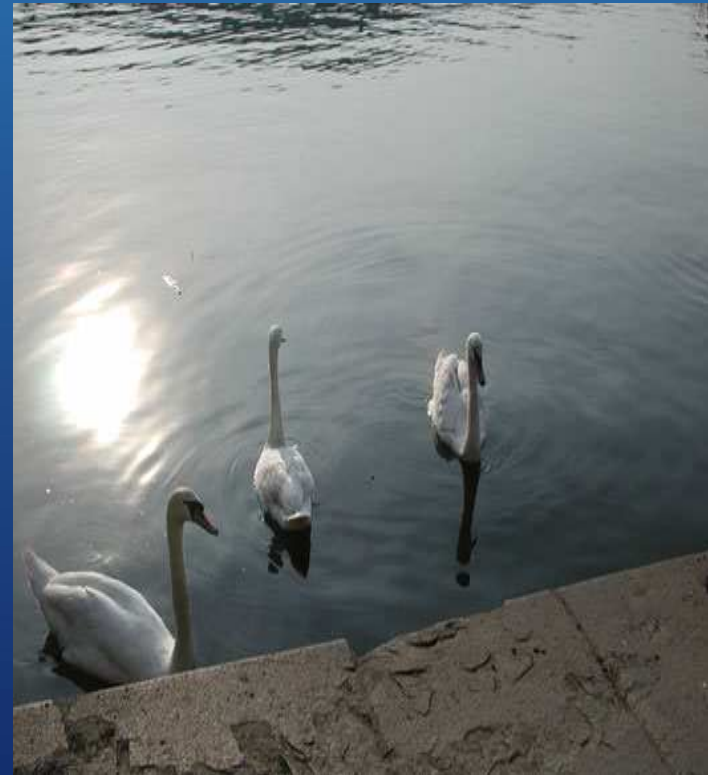
1962 – Czechoslovak Geriatric Society

1982 – Geriatrics as a medical specialty



# Socialist period

- Focus on institutional social care
- For „over-aged“
- and „invalid“ persons
- Remote and huge institutions, expatriated castles...
- Paternalistic model of health care, similarities with NHS
- **1982 National Plan on Ageing**
- **Geriatric nurses 0,5 with GP**



# Now: Czech Republic (Z.Kalvach)

- Has adopted the National plan on ageing (2003-2007, 2008-2012)
- Has founded the Council of the Government for Ageing

BUT

Better implementation is necessary

In many areas

Also in research



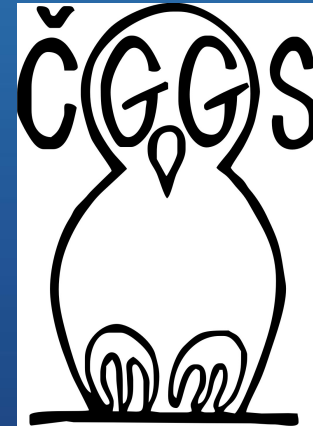
# Recent news

- 2008 Dr. Julínek, minister of health, decided that **geriatrics is not necessary** (excluded geriatrics from the list of medical specialties – and from funding for residents....)
- after (lost) regional elections Mrs. Filipiová, minister of health since February 2009 **declared her support to geriatrics**
- new strategy of care for seniors will be prepared..
- NO: the government has fallen yesterday



# Geriatrics and Gerontology

- Czech Society of Gerontology and Geriatrics
- 400 members (doctors and other professionals)
- Annual and regional meetings
- Lobbying
- Journal: Česká geriatrická revue (reviewed, registered)



# Research in Gerontology

**University Department of Geriatrics Brno** (prof. Kubešová H, prof. Weber P, dr. Meluzinová H): acute geriatric medicine (new textbook), falls, metabolism, diabetes

**University Department Hradec Králové:**

(prof. Sobotka L, prof. Zadák Z, dr. Jurašková B, dr. Zajíc J, dr. Hrnčiariková D): nutrition, immunological aspects of dementia, sarcopenia, wounds, Nutrition Day

**Geriatric Department Pardubice** (dr. Bureš I, dr. Grofová Z): chronic wounds, nutrition



**Geriatric Clinic Praha** (prof. Topinková, dr. Klán),  
FP programmes: geriatric syndromes, nutrition,  
falls, cognitive problems, incontinence, systems  
of care, geriatric pharmacology (dr.Fialová)

**Centre of Gerontology** (dr. Holmerová, dr.  
Vaňková, dr. Kalvach, K. Macháčová, H.  
Janečková): dementia, non-pharmacological  
methods, geriatric syndromes, caregivers  
(EUROFAMCARE), dance and movement,  
reminiscence



- Masaryk University Brno, **Faculty of Social Sciences**, prof Rabušic, dr. Vidovičová different FP 5,6,7 programmes: ageism, discrimination, sociological aspects of ageing

-Charles University in Prague, **School of applied Demography**, prof Rychtaříková, dr. Burcin, Dr. Kučera

**CVUT – Czech Technical University** Nomadic applications – for older persons and disabled (FP7)

**Traffic Research Institute** – traffic accidents in older people



# National Funding of Research

- **Ministry of Education** – Institutional Funding
- **Grant Agency of the Czech Republic (GACR)** – basic research
- **Grant Agency of the Ministry of Health** – applied research – 10 (12) sections, specialities
- **Ministry of Social Affairs**: Grant support – public competition, Research Institute (care systems, disability, restraints...)



# Ministry of Health

- Cardio and cerebrovascular diseases
- Metabolism, nutrition, endocrinology, diabetes
- Oncology
- Surgery, transplantations
- Pediatrics and genetics



# Ministry of Health (cont.)

- Neurology, psychiatry, social and psychological aspects
- Gynaecology and obstetrics
- Infectious diseases, microbiology, epidemiology and immunology
- Health and environment, prevention
- Other medical disciplines



# Conclusion

What we need in research on ageing

- Support and development
- Better coordination nationally, internationally
- Leading role of international societies or initiatives

( lobbying for gerontology as a discipline of 21st century)

