



**Tervise Arengu Instituut**  
National Institute for Health Development



# **National Health Plan in Estonia and its subprogramme Breast Cancer Screening Programme**

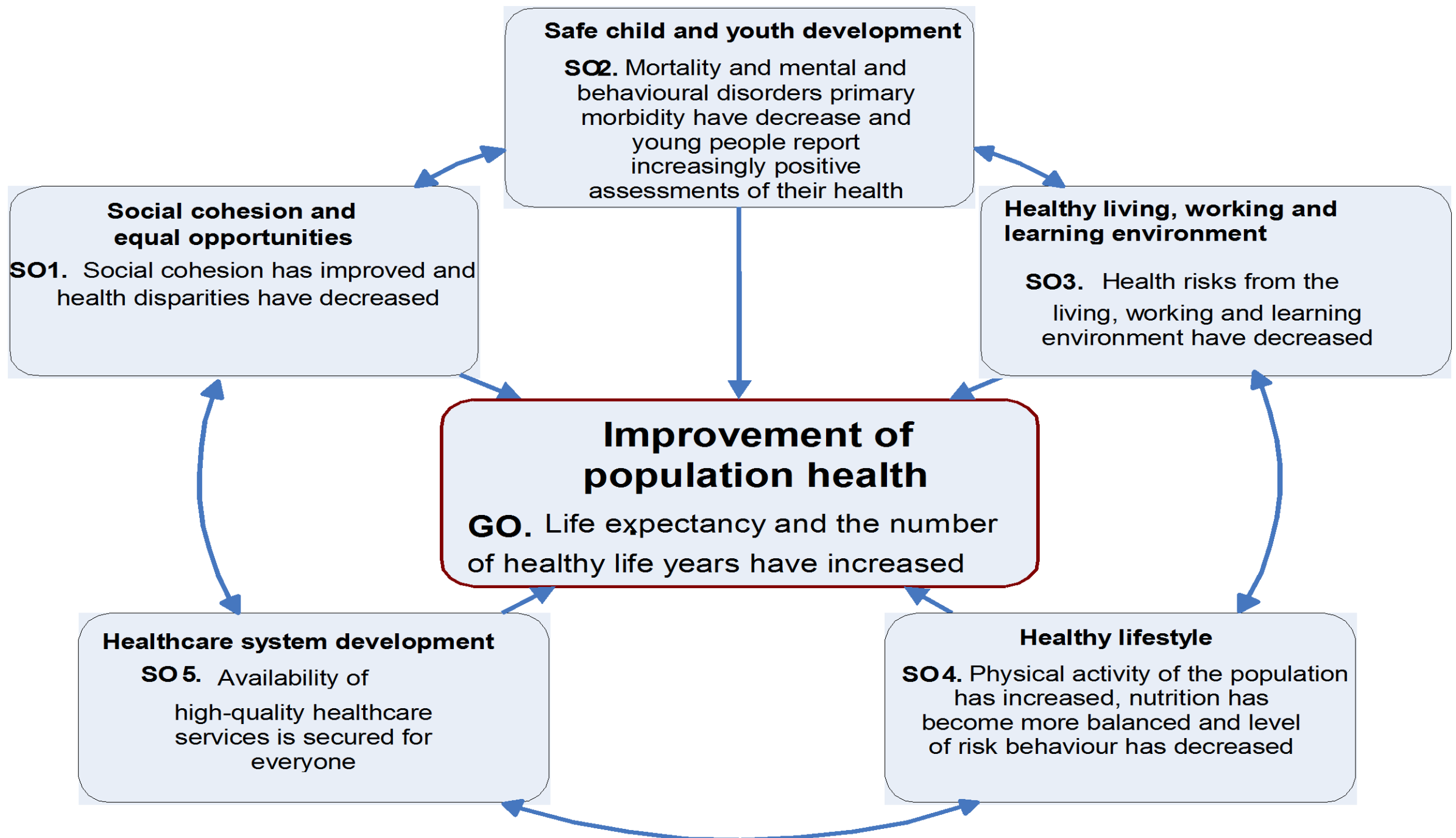
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*12<sup>th</sup> NDPHS Partnership Annual Conference Side-event  
ND-PYLL Study 2016 Final results  
27<sup>th</sup> Oct 2016*



# National Health Plan (NHP) - national priorities in health 2009–2020

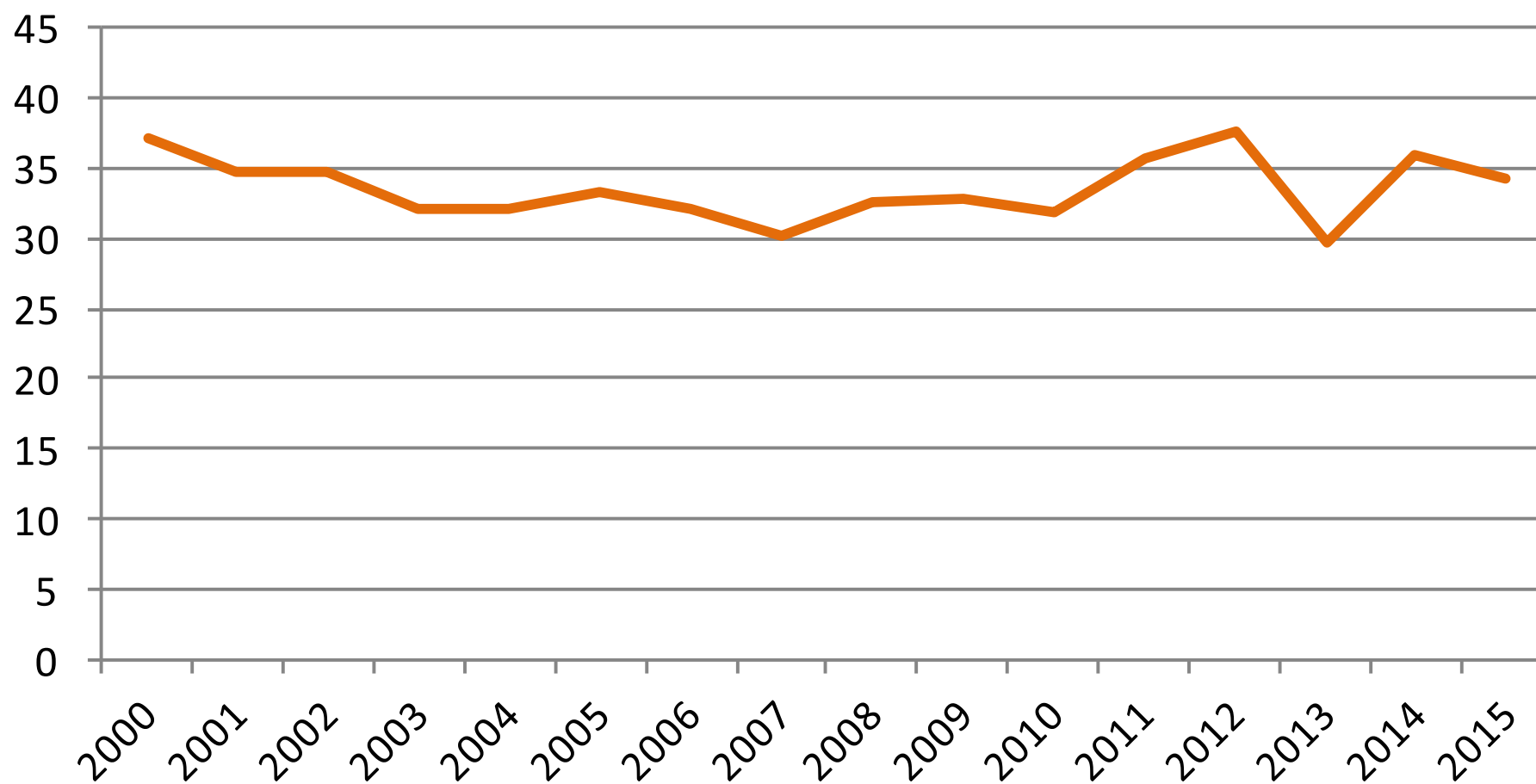
(adopted by Estonian Government 17.06.2008)





## Mortality - female breast cancer, 2000–2015

### Crude death rate per 100 000 population



## Breast Cancer Screening Programme

- Pilot projects in 1996 in Tallinn and in 1998 in Tartu
- Since 2002 national program
- Funded by Health Insurance Fund through Fund's prevention program
- Target group: insured women aged 50-62 years by birth cohorts
- Screening procedure is free of charge for insured
- Invitations by post in the beginning of the year - address in Population Registry
- No specified screening interval
- Results were not monitored and data not adequately collected



Audit in 2006



## What was changed after the audit?

- Screening interval: 2 years
  - Additional invitation 2 months before the end of the year
  - Media campaigns in May and October every year
  - Mammography buses
  - Information to the patient's GP
  - GPs and GP 's nurses role in announcing screening programme and monitoring - bonus system
  - Expert Commission at the Ministry of Social Affairs (treatment quality assessment and treatment organization)
- 
- Participation rate in 2015: 53%



## What was not changed after the audit?

- Upper limit of the target group still 62 years (instead of 69 years)
- Not-insured not included
- Monitoring link between screening results and follow-up treatments is weak, but ...

## ... **Estonian Cancer Screening Registry**

- Registry was established in January 2015

### TASKS

- records data, which is collected in the course of the **breast and cervical cancer screening** programmes:
  - participation in screening programme;
  - results of the screening test and additional investigations;
  - treatment in the event of any detected changes
- **to facilitate** the process of **sending** screening participation **invitations**
- **analyse and evaluate** the efficiency and quality of the screening programmes **on a regular basis** and to carry out epidemiological research



to shape health policy and  
plan financial and human resources in a better way



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Thank you!