

Water and Health Protocol implementation in Latvia

Seminar for Nordic and Baltic countries "Drinking water and sanitation in a Nordic and Baltic perspective –common challenges and collaboration“ Oslo 07.11-08.11.2011.

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Institutional structure and sharing of responsibilities

- **The Ministry of Agriculture** – main institution on policy planning and implementing of the Drinking water directive
- **The Ministry of Health** – participate in development of policy planning documents and legal acts
- **The Ministry of Environmental Protection and Regional Development** – policy planning on water resources and sanitation, implementation and supervision of drinking water and sanitation improvement projects
- **Health inspectorate** – control of public drinking water supply objects from the water supply points to the consumer, performing of drinking water audit monitoring

Institutional structure and sharing of responsibilities

- **Food and Veterinary service** – control of drinking water utilized in food undertakings
- **Centre for diseases prevention and control** – surveillance of water borne disease
- **State Environmental Service Radiation Safety Centre of Latvia** – surveillance of radiation of drinking water
- **State limited Liability Company "Latvian Environment, Geology and Meteorology Centre"** – data about water resources and sanitation
- **Local municipalities** - drinking water and sanitation services

Policy planing and legislation's documents

- Public Health strategy – 2011-2017
- Environmental policy strategy 2009–2015
- Environmental Monitoring Guidelines 2009-2012
- Water Management Law
- Epidemiological safety Law
- Law on Municipalities
- Mandatory Harmlessness and Quality Requirements for Drinking Water, and the Procedures for Monitoring and Control thereof

Legislation's documents

- Regulations of the Cabinet of Ministers on the permits for usage of water resources
- Regulations of the Cabinet of Ministers on the general procedures for the issue of licenses for the use of subterranean depths and authorizations for the extraction of widespread mineral resources, and for the use of geological information
- Regulations of the Cabinet of Ministers on methodology for setting of protected zones around water abstraction sites
- Construction normative External networks for water supply and related buildings
- Construction normative Internal water and sewage water network of the buildings

Information flow

Drinking water monitoring

Water suppliers → Health Inspectorate ← Food producers

Local authorities

Food and Veterinary service

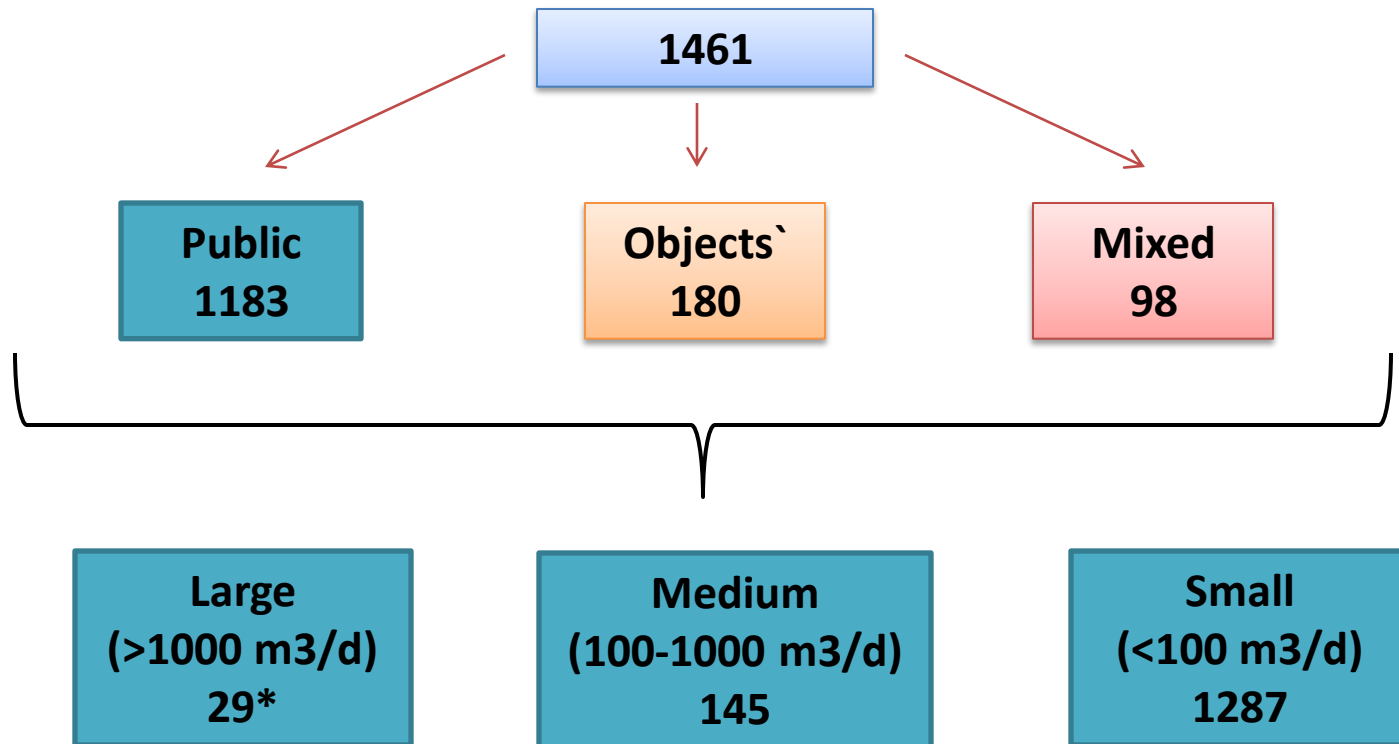
Annual report

**Food and
Veterinary service**

Public

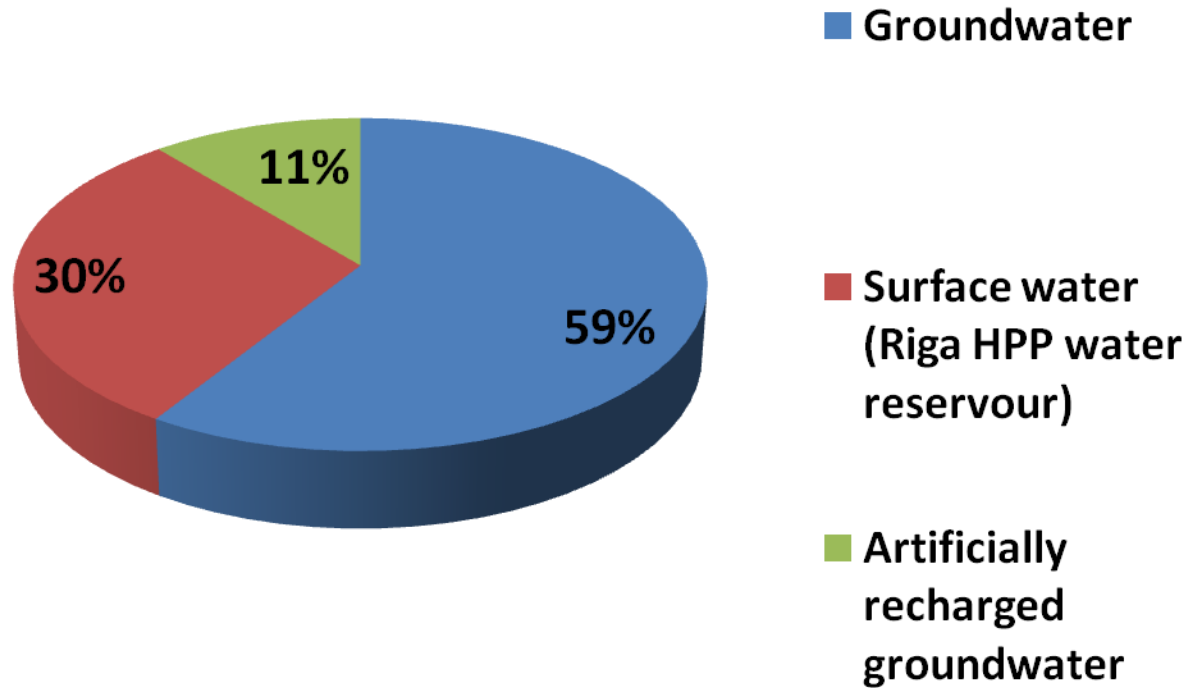
**The Ministry of
Environmental Protection
and Regional Development**

Drinking water supply systems



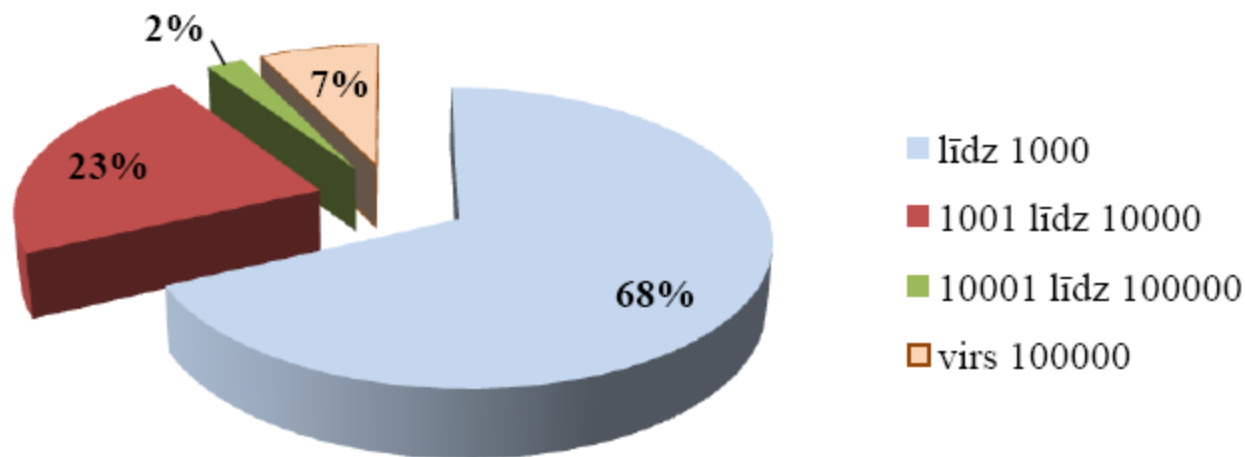
* or more than 5000 persons are supplied

Drinking water sources



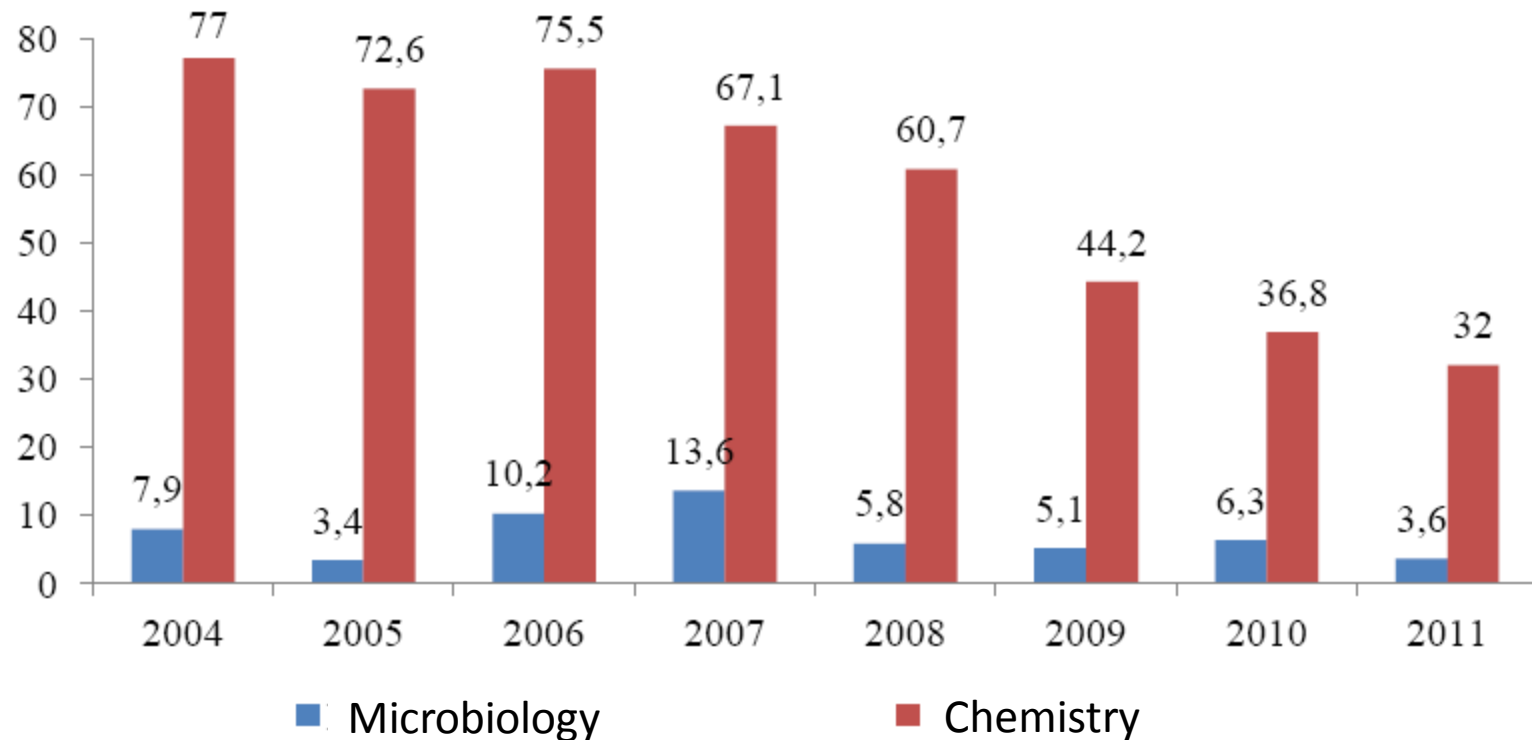
Amount of drinking water audit monitoring (2011)

Water samples
222



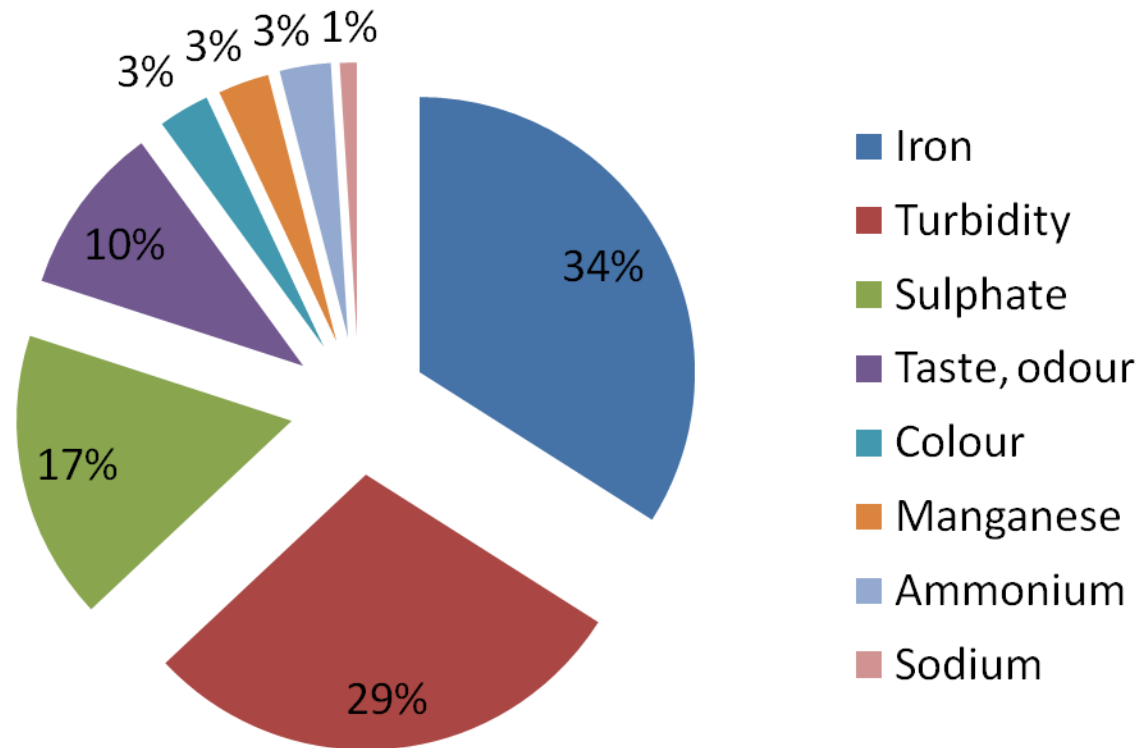
Drinking water quality

(audit monitoring, % of inadequate samples)

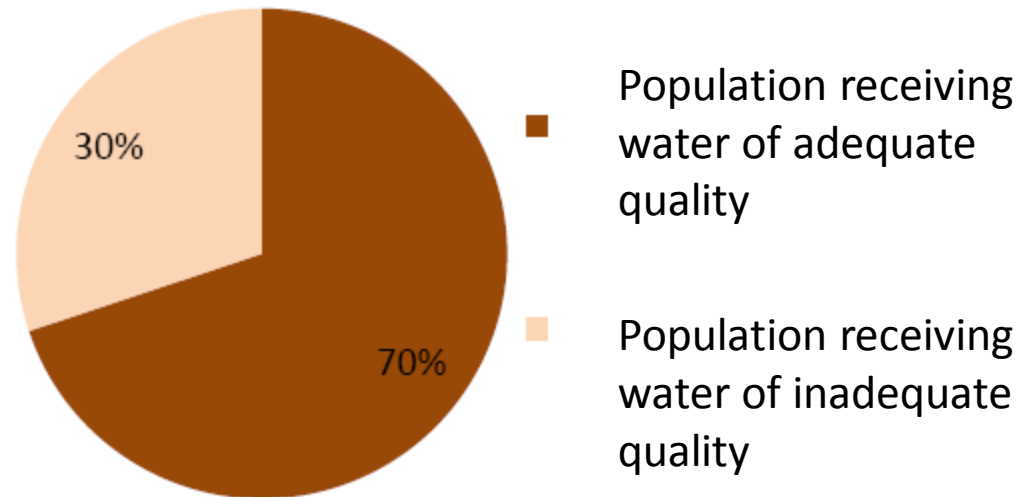


Drinking water chemical quality

(% of inadequate samples in 2011)

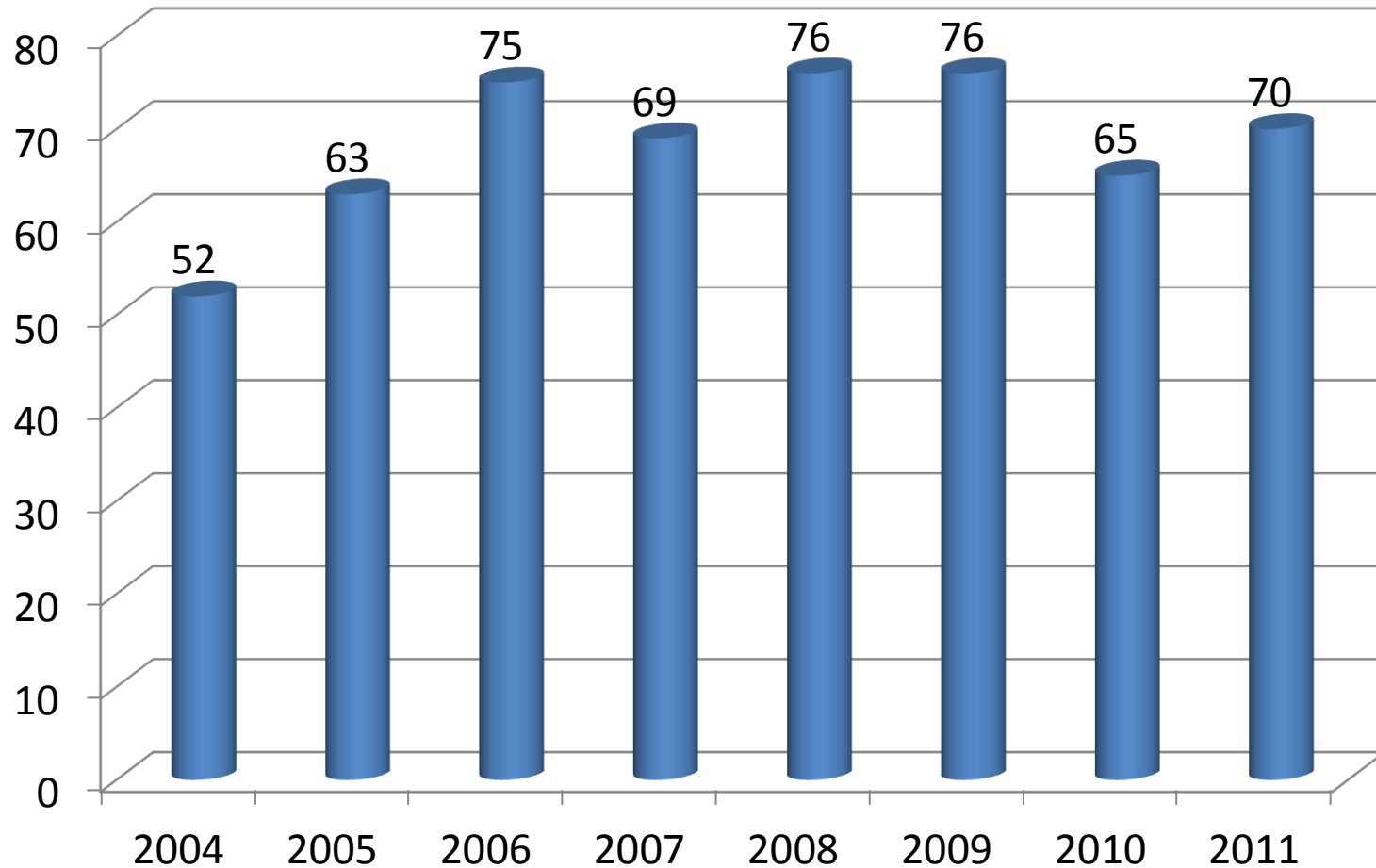


Drinking water supply (I)



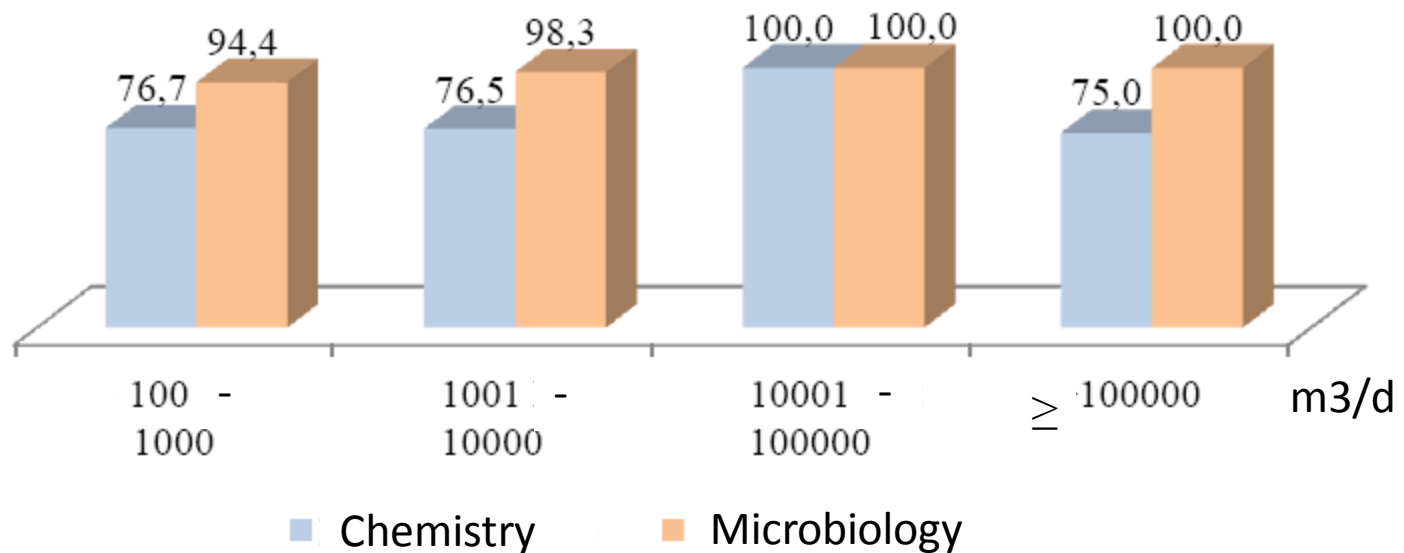
2011

Proportion of the population in % with adequate supplies of quality drinking water



Drinking water supply (II)

Population (%) receiving water of adequate quality in water supply systems according to their size (m³/d)



Access to drinking water and sanitation

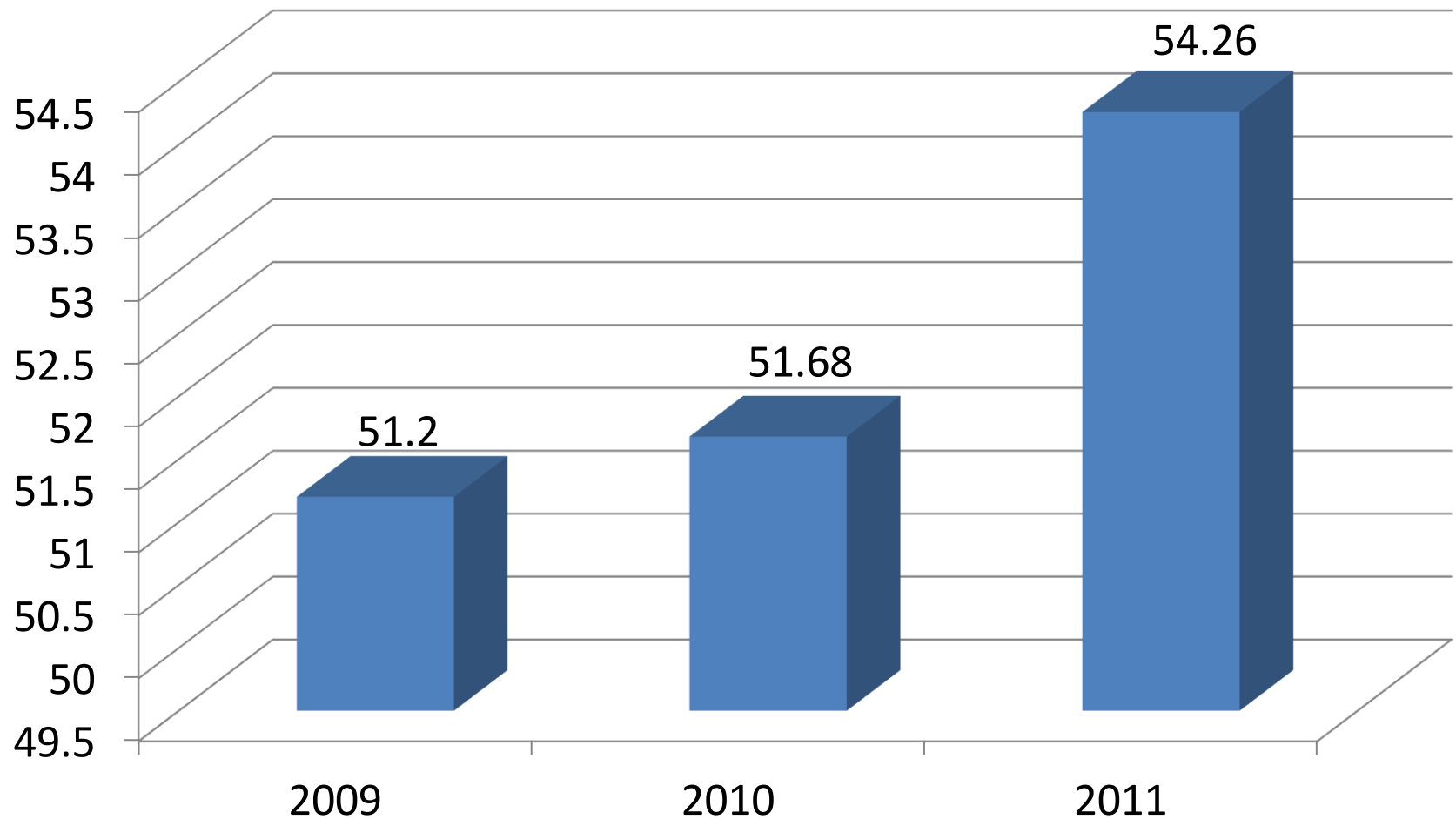
Access to drinking water (2011)

p.e.>100 000	92 %
100 000 > p.e. >10 000	80 %
10 000 > p.e. > 2 000	38 %
p.e.<2000	14%
average	56 %

Access to sanitation (2011)

p.e.>100 000	81 %
100 000 > p.e. >10 000	77 %
10 000 > p.e. > 2 000	34 %
p.e.<2000	14 %
average	51,5 %

Proportion of population with adequate access to sanitation



Main challenges

- Insufficient effective potable water deironing installations
- Insufficient pressure in water distribution network, pipeline ruptures
- Improper sanitary condition of the potable water supply network
- Risk of pollution of ground water in the decentralized system
- Risk of pollution of the Daugava River with respect to potable water supply in Riga
- Insufficient access to adequate sanitation

Main challenges

- Improvement of access to qualitative drinking water in small drinking water supply systems
- Decreasing of iron level in drinking water from ground water sources
- Safety of surface drinking water sources for inhabitants of Riga
- Improvement of access to sanitation in the small agglomerations with low population density
- Renovation of old water supply and waste water collection systems

Collaboration between countrys

- Implementation of EU policy and legislation
- Common projects on surveys, infrastructure improvement
- Change of data and information, international comparison
- Change of experience and good practice examples
- Collaboration on transboundary water management

Thank you for attention

Questions ???

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