



Landlæknisembættið
Directorate of Health

The Icelandic Health Care System

- Communicable Disease Control and Hepatitis
Surveillance -

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Sóttvarnir
Centre for Health Security and Infectious Disease Control





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Vital statistics (2011)

- Population 319.000
 - ✓ 0-9 y 14%
 - ✓ 10-19 y 14%
 - ✓ 20-64 y 60%
 - ✓ 65+ 12 %
- Total fertility rate 2.2
- Life expectancy
 - men 79.9 yrs
 - women 83.6 yrs
- Perinatal mortality rate 2.7





Economy of Iceland (2010)

- Iceland's GDP per capita ranked 13th of EU countries
- More than half of Iceland's GNP comes from communications, trade, and service industries and tourism
- Less dependent on fishing than before
- Aluminum smelting and ferrosilicon production is important
- Unemployment 7.6%





The Icelandic health care system

- Hospitals owned and run by the state
 - No payment by patients
- Primary care delivered from HCC, run by the state
 - Minimal payments by patients
- Specialists outside hospitals are private practitioners paid by the patients and the state
- Comprehensive
- Financed by taxation and by patients
- Most nursing homes and rehab. clinics are private
- Dentists are private practitioners

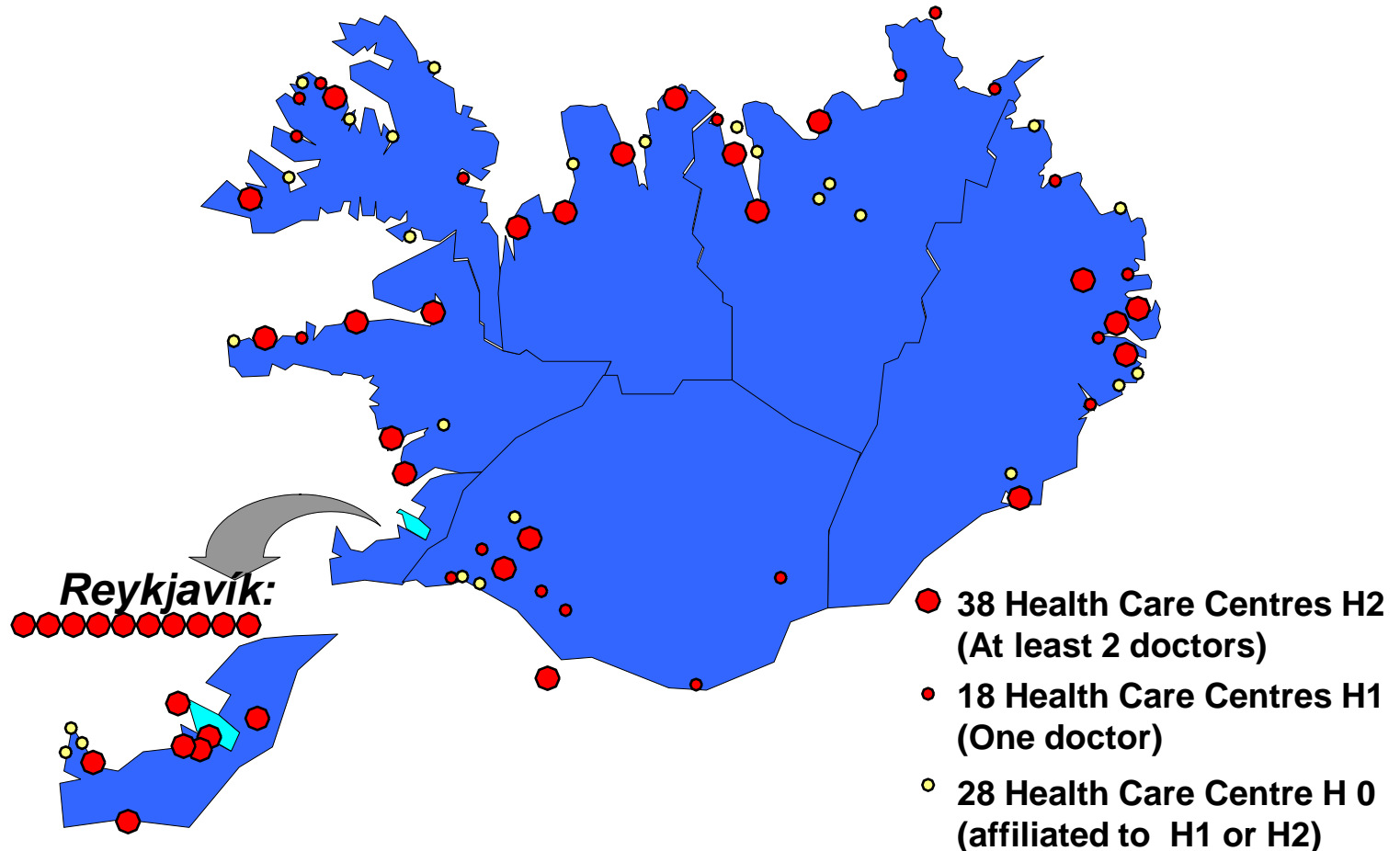




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Health Care Centres

58 HCCs





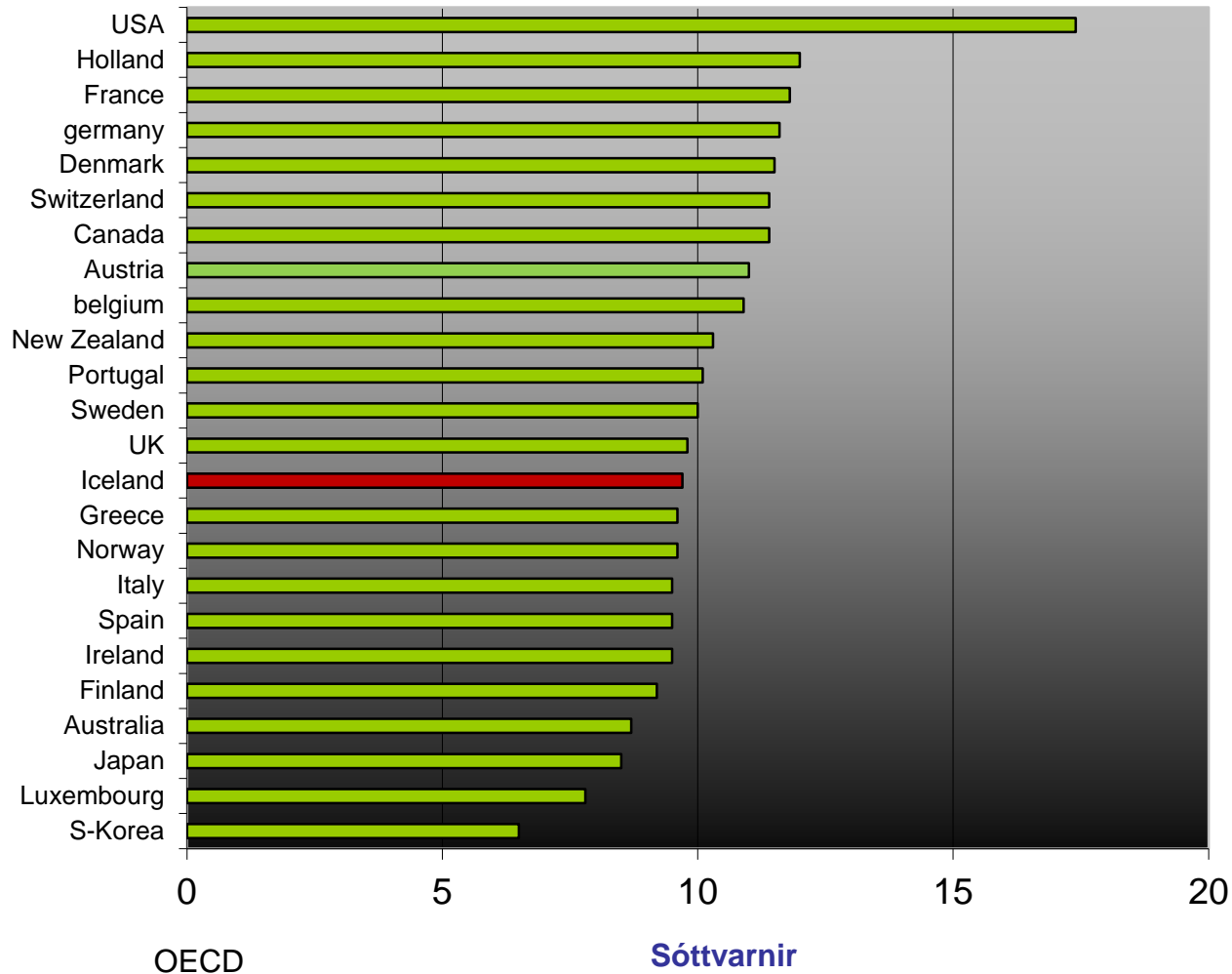
Hospitals

- Landspítali University Hospital, Reykjavík
 - 1000 beds
- Akureyri
 - 200 beds
- Akranes
 - 75 beds
- 17 other small institutions around the country
 - 600 beds all together



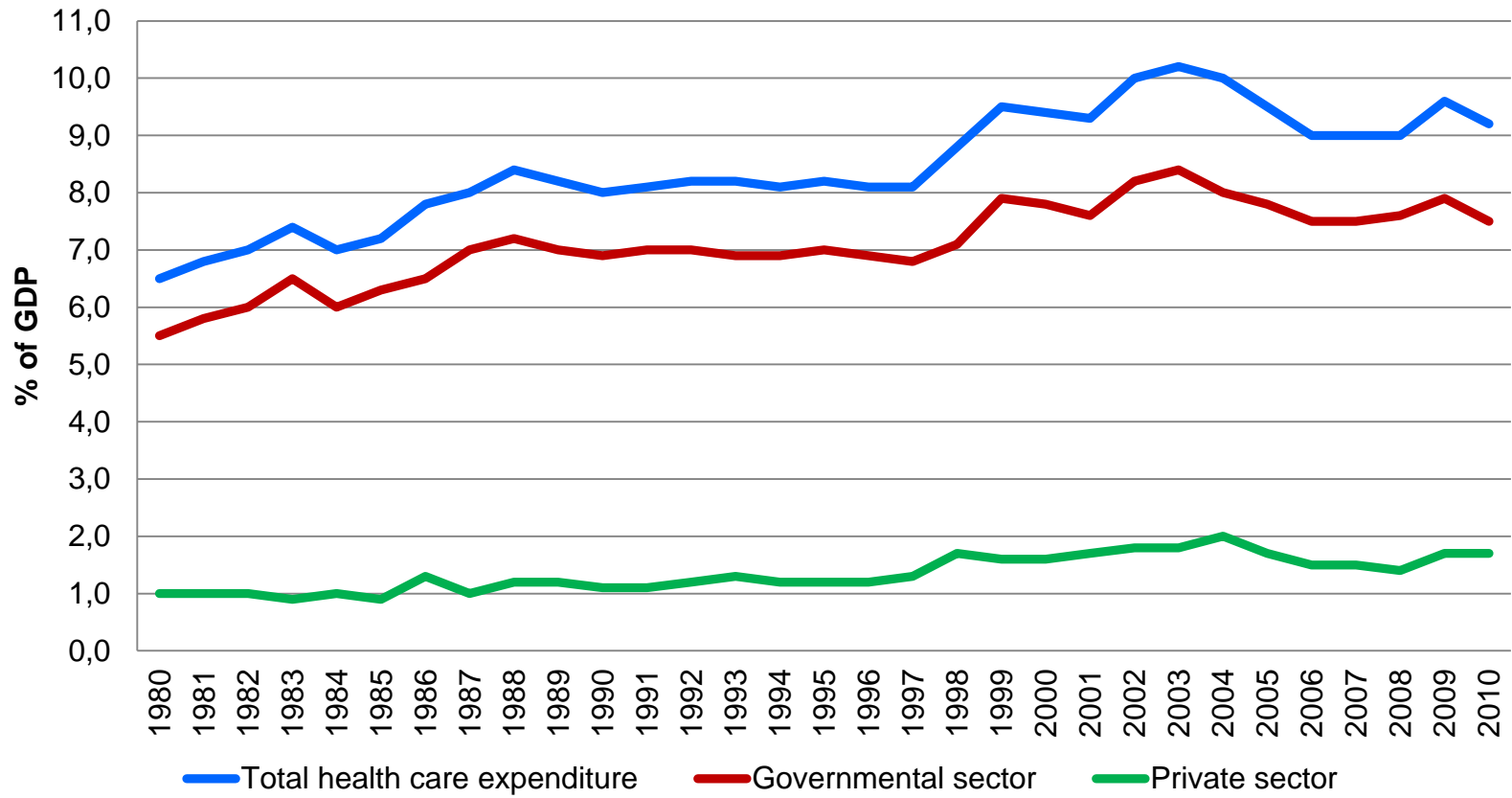


Real health care expenditure 2010 (% of GDP)





Health care expenditure 1980 – 2010 % of GDP





Communicable Disease Control

- Ministry of Health and Welfare
- The National Committee on Communicable Diseases
- Center for Health Security and Infectious Disease Control
 - Chief Epidemiologist





The National Committee on Communicable Diseases

- **Advisory body – policy making**
 - Appointed by the Minister of Health and Welfare
 - Creates policy on measures against communicable diseases
 - Advises on measures against communicable diseases





Center for Health Security and Infectious Disease Control

- Chief Epidemiologist

- Surveillance and monitoring

- Communicable diseases, radio-nuclear substances, chemical agents and unexpected events.
- Keeps registers of communicable diseases, national vaccinations and antimicrobial consumption.

- Response

- Acts on the responsibility of the Minister of Health.
- Coordinates official and public measures against communicable diseases and other health threats.
- Supervises and organizes communicable disease control, prevention and immunizations.
- Provides information and advice to health care workers and the public.





The reporting system

- **Notifiable Diseases**

- Communicable diseases, diseases caused by toxic chemicals and radio-nuclear substances
- No personal identifiers.
- Aggregate numbers

- **Reportable Diseases**

- Communicable diseases, diseases caused by toxic chemicals and radio-nuclear substances
- Personal identifiers.

- **Central Registers**

- Reportable diseases
- Notifiable diseases
- National Vaccinations (personal identifiers)
- Antibiotic prescriptions (no personal identifiers)





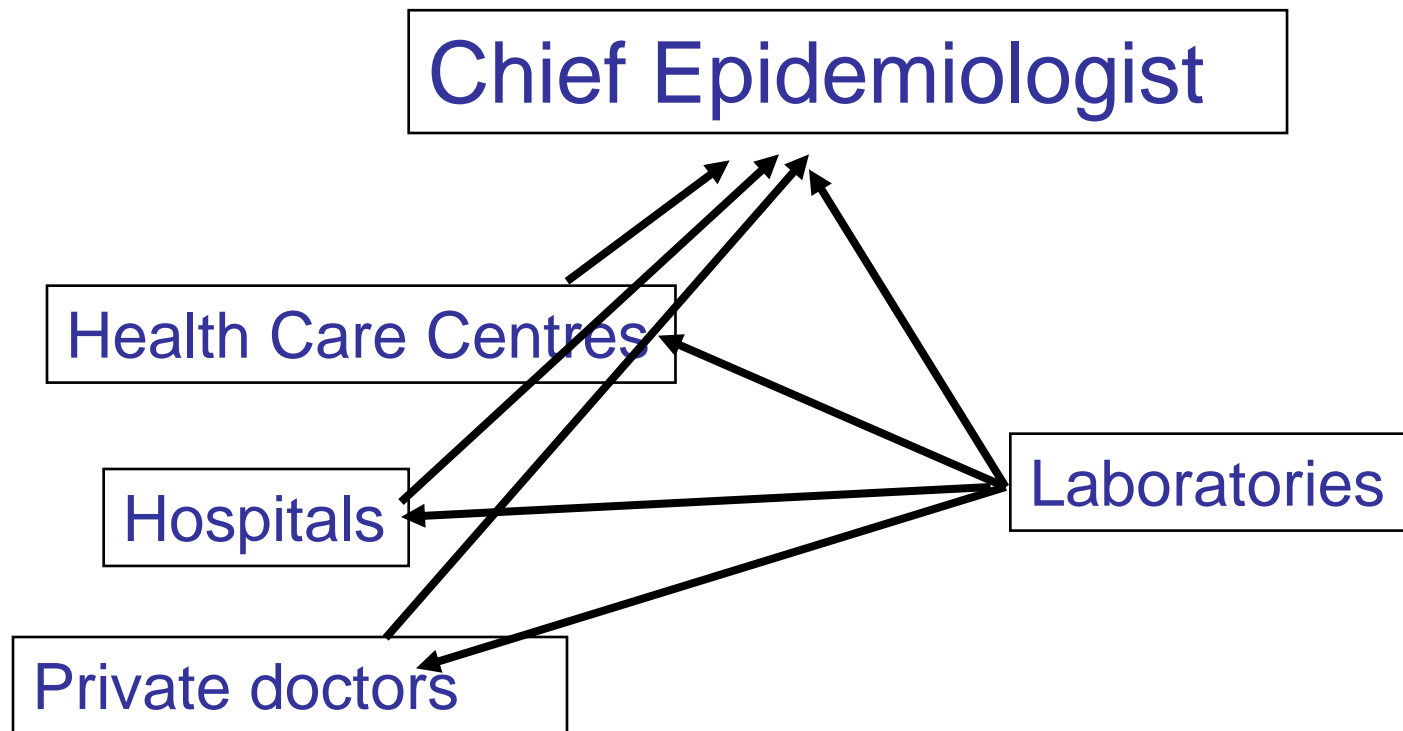
Hepatitis Surveillance

- Reportable Diseases
 - Hepatitis A
 - Hepatitis B
 - Hepatitis C
 - (hepatitis D and E)





Reporting on Reportable diseases





Hepatitis Surveillance

- Passive surveillance (acute/chronic)
- Active surveillance (chronic)





Hepatitis Surveillance

- **Passive surveillance**
 - Disease reporting
 - Hepatitis A (acute)
 - Hepatitis B (acute/chronic)
 - Hepatitis C (acute/chronic)
 - (hepatitis D and E)





Hepatitis Surveillance

- Active surveillance (chronic)
 - Hepatitis B
 - Immigrants
 - Pregnancy
 - Blood donors
 - Drug abusers
 - Hepatitis C
 - Blood donors
 - Drug abusers
 - Immigrant children
 - Pregnancy





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Thank you 