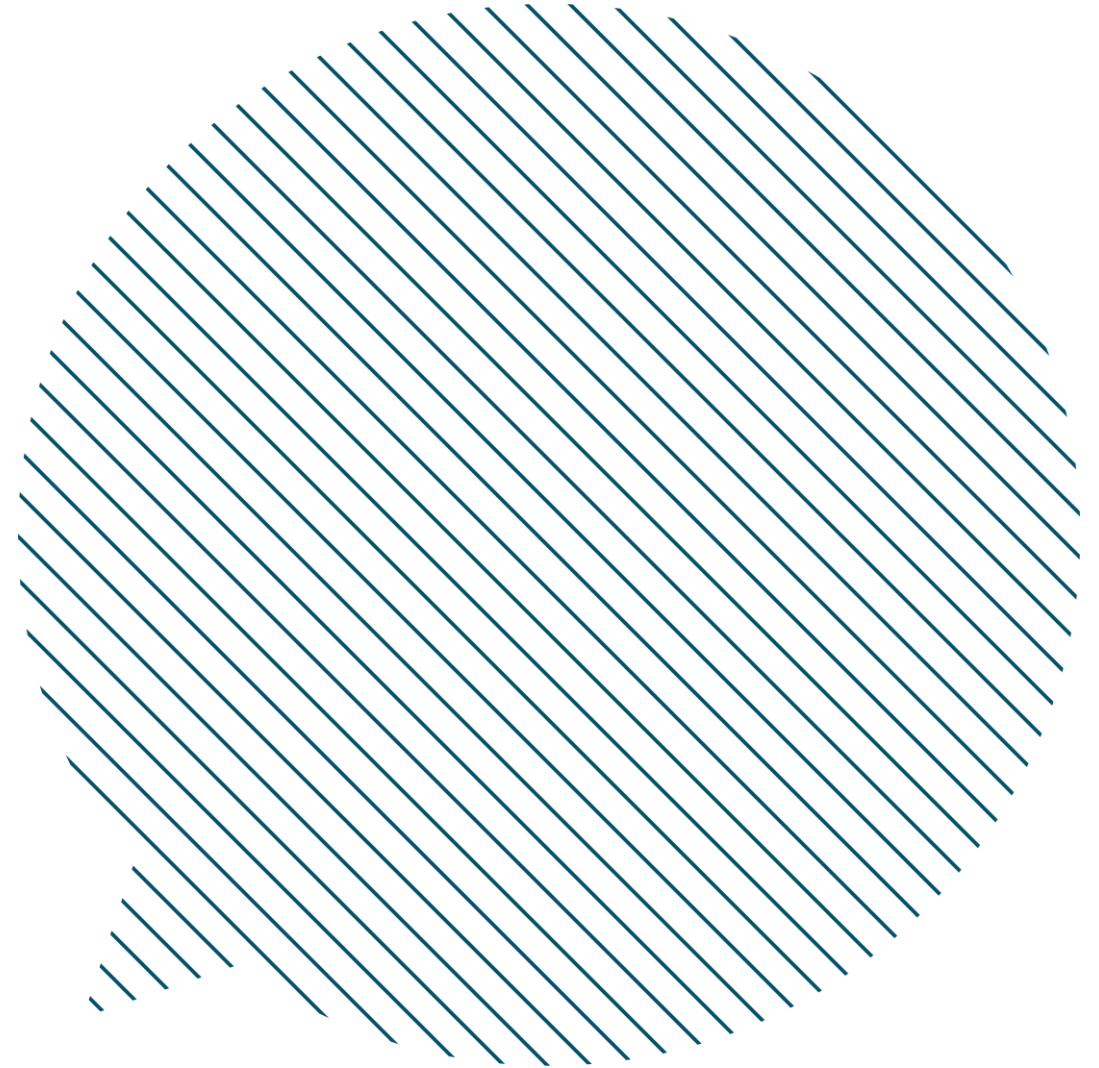


Sustainable health services and integrated care: From activity to casemix and activity-based funding

Sissel Husøy and Kristin Dahlen
The Norwegian Directorate of Health



This is Norway

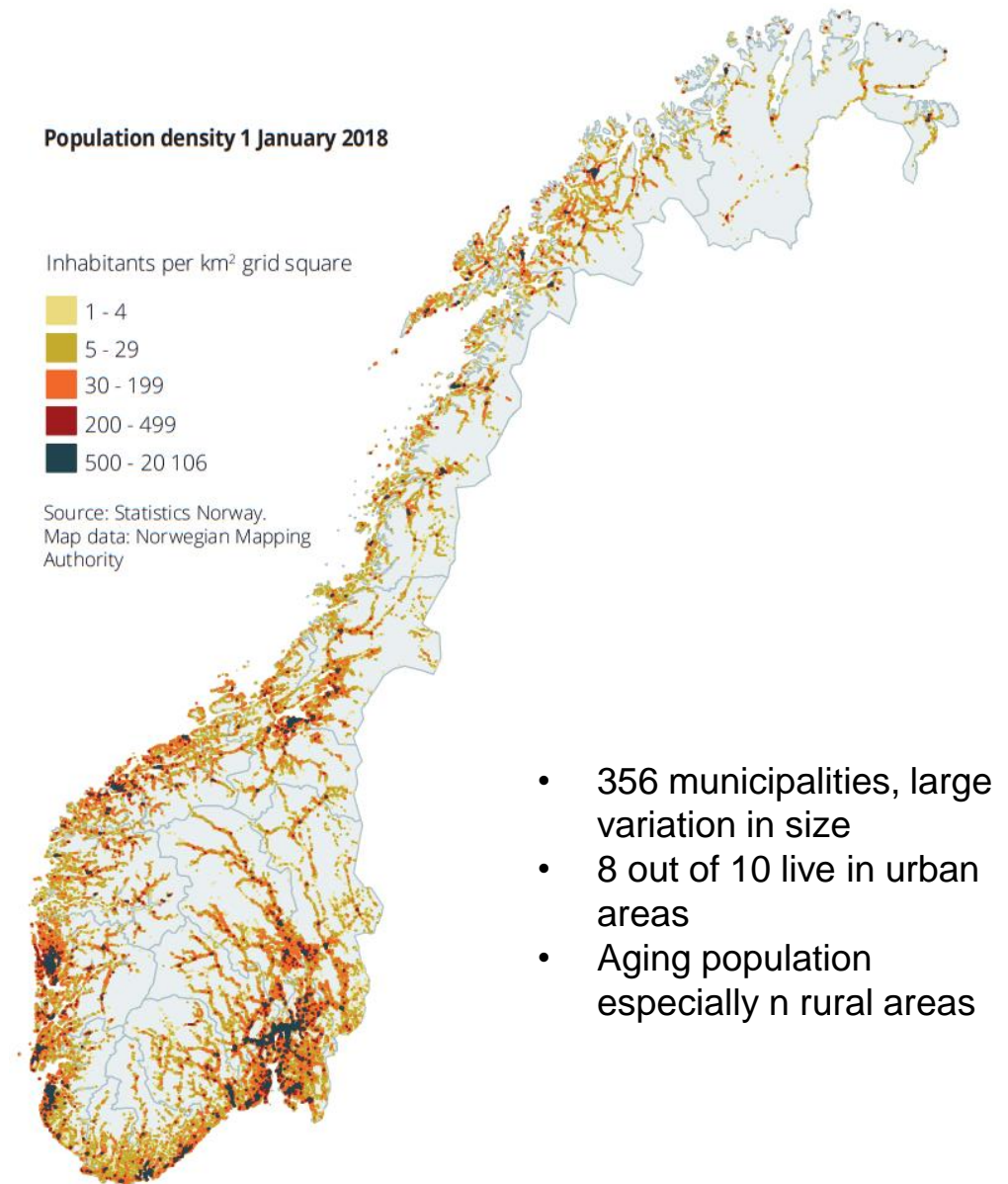
- Population: 5.4 million
- Health expenditure: 10.2% of GDP
- Universal coverage of health services, financed by taxes
- Low share of private hospitals/actors, and most private actors operate within the public system
- Prime minister is Jonas Gahr Støre (Labour party)
- Two levels: primary care and specialized health services



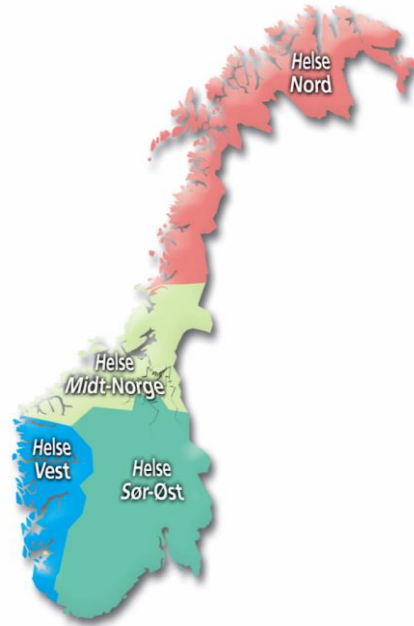
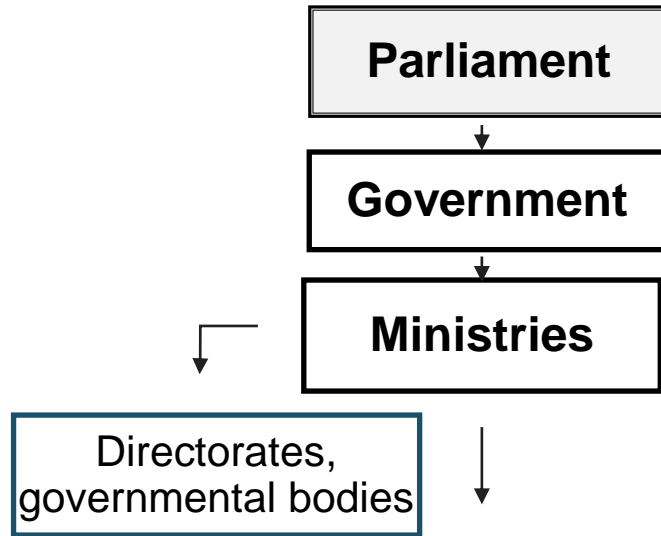
Primary care responsibilities in municipalities

Main responsibilities:

- The General Practitioners scheme (GP)
- Nursing care, including long term care
- Public physiotherapy service
- Health-stations (pregnant women and infants) and school health services
- Services for mental health

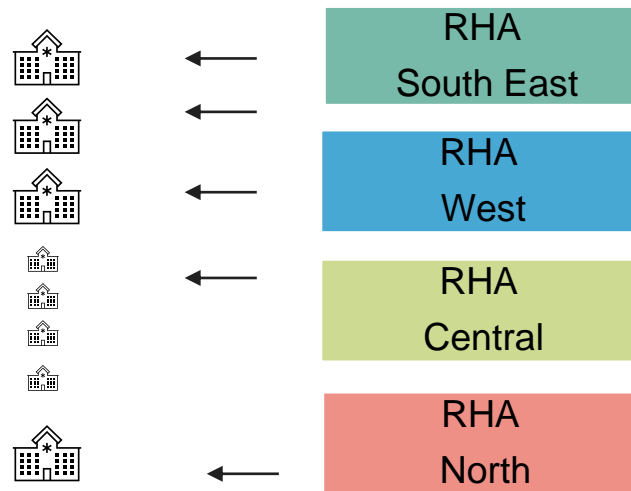


Specialized health care



Regional Health Authorities (RHA) owned by the state

21 Health Authorities owned by RHA



Main responsibilities:

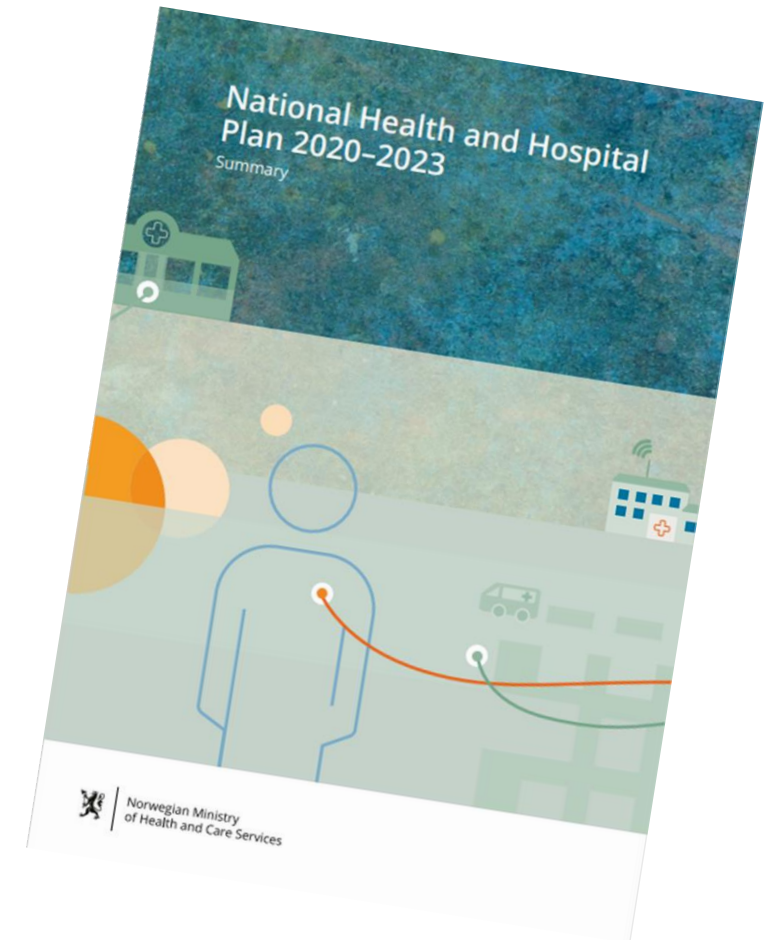
- Somatic and Psychiatric Hospitals (Health Authorities)
- Outpatient clinics and treatment centers
- Rehabilitation institutions
- Institutions for specialized treatment of substance abuse disorders
- Emergency medical services
- Private practitioners (public contract)
- Laboratory and X-ray services, both public and private

Norwegian health- and hospital plan 2020-2023

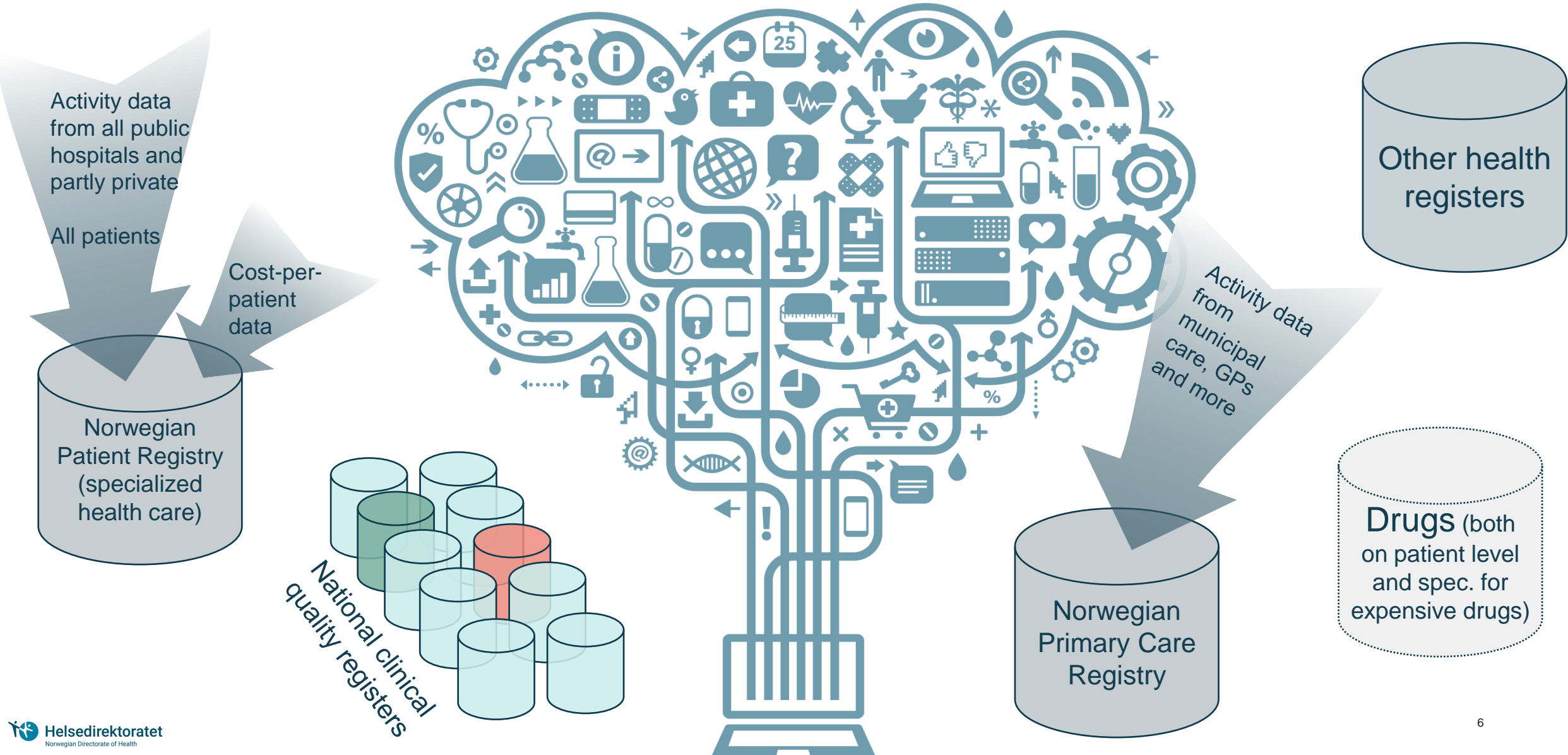
The national health and hospital plan is the government's strategy for realizing the patient's health service in a sustainable way

- Coordination and integration of care
- Focus on the content of the health care rather than how and who
- Specialized care at home

Adaptation of the funding systems will be one of the means to achieve the desired change



Development of the care, the case-mix system and the activity based funding system are based on reliable data



Activity based funding (ABF) in Norway – the aim

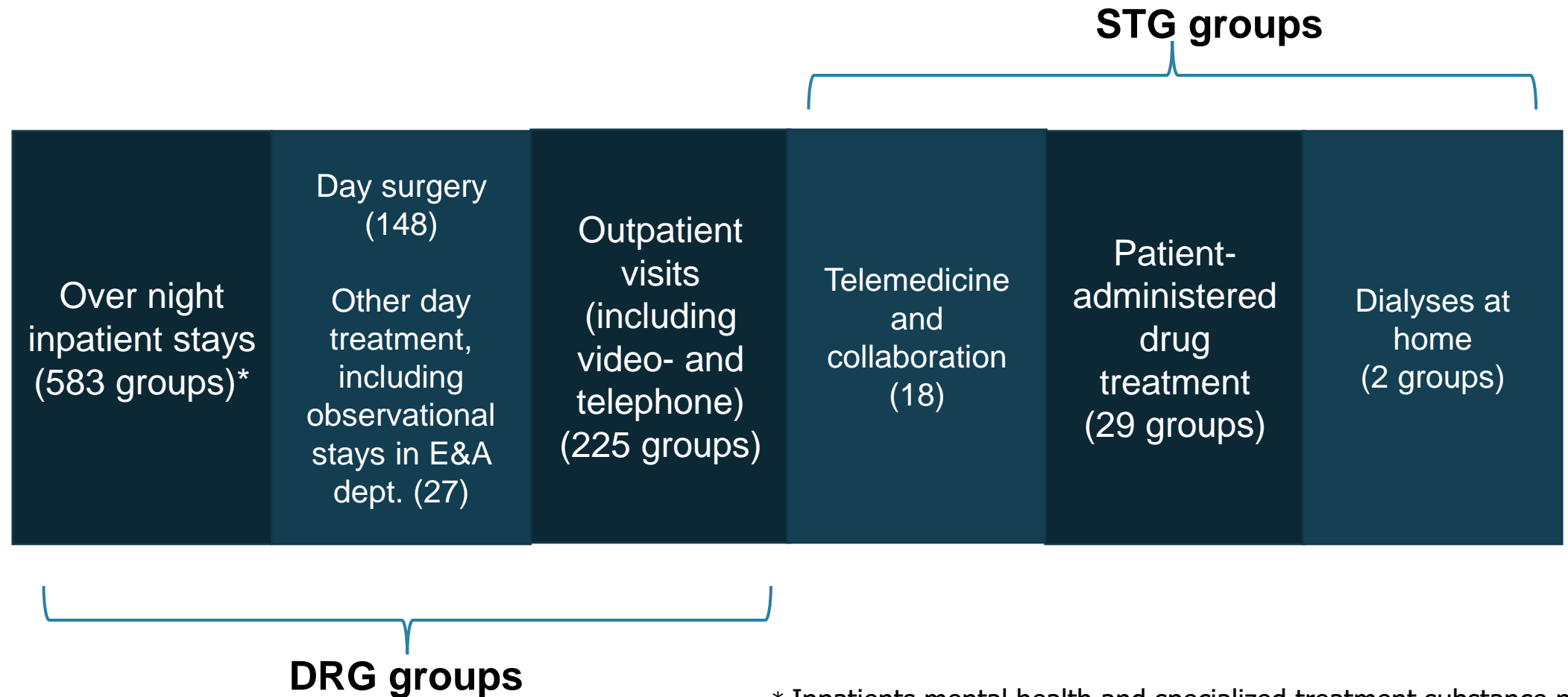
To support the regions to ensure the responsibility to give specialized care to the residents

Partly activity-based funding depending on how many and what kind of patients receive treatment

Support the desired medical development

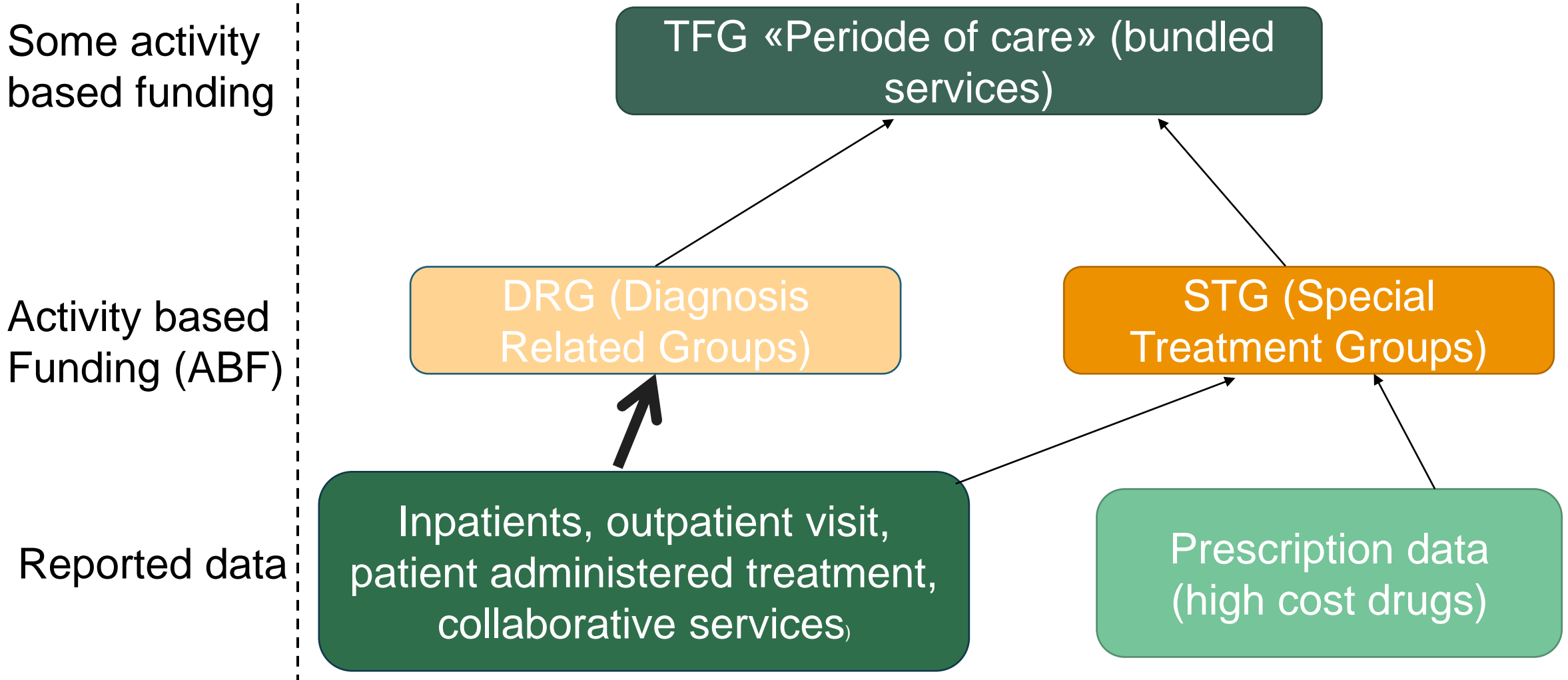
Stimulate cost efficiency

Norwegian case-mix categories with activity based funding in 2022 (mainly based on the NordDRG system)

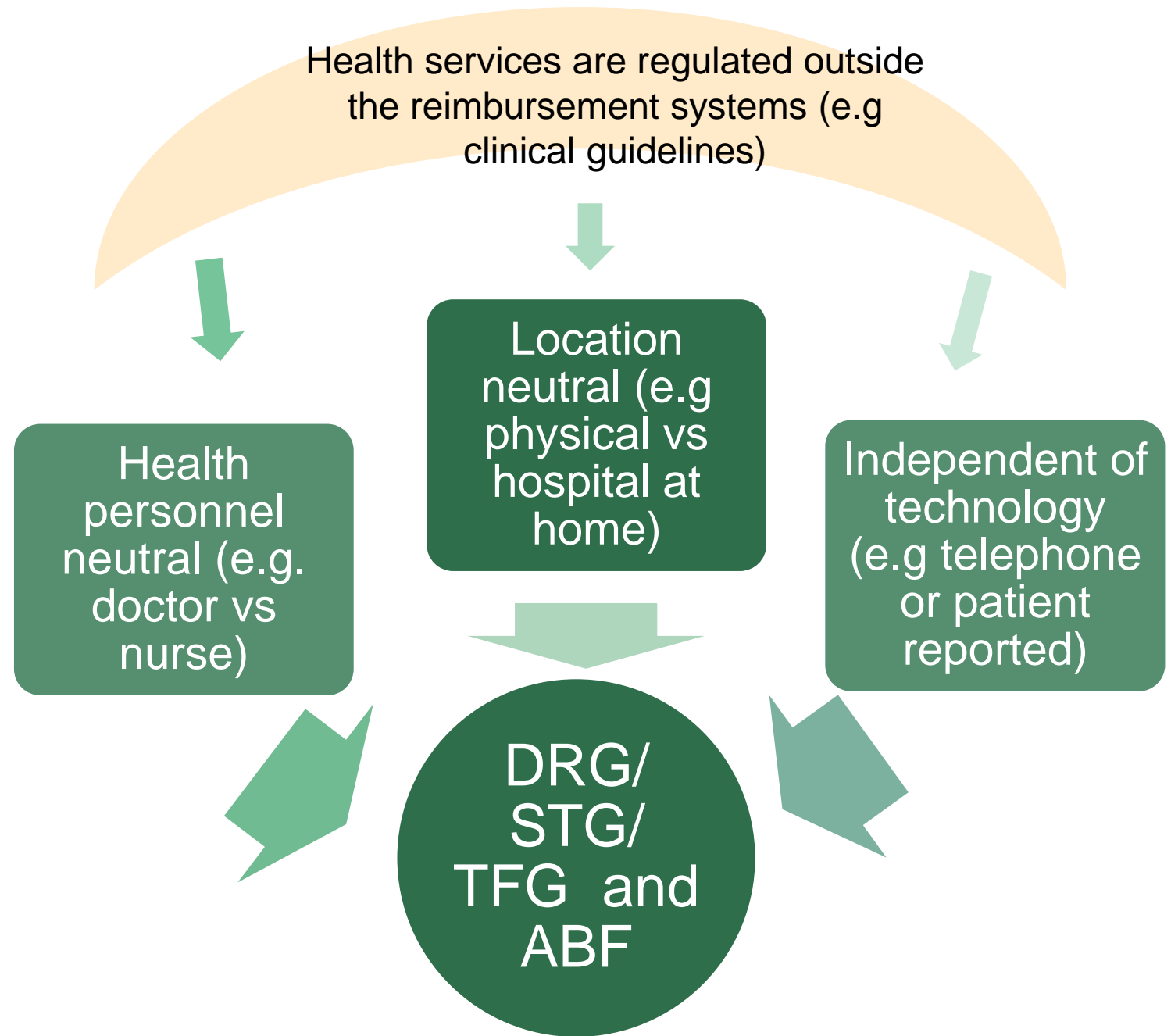


* Inpatients mental health and specialized treatment substance not included ABF

From activity to case-mix groups and activity based funding

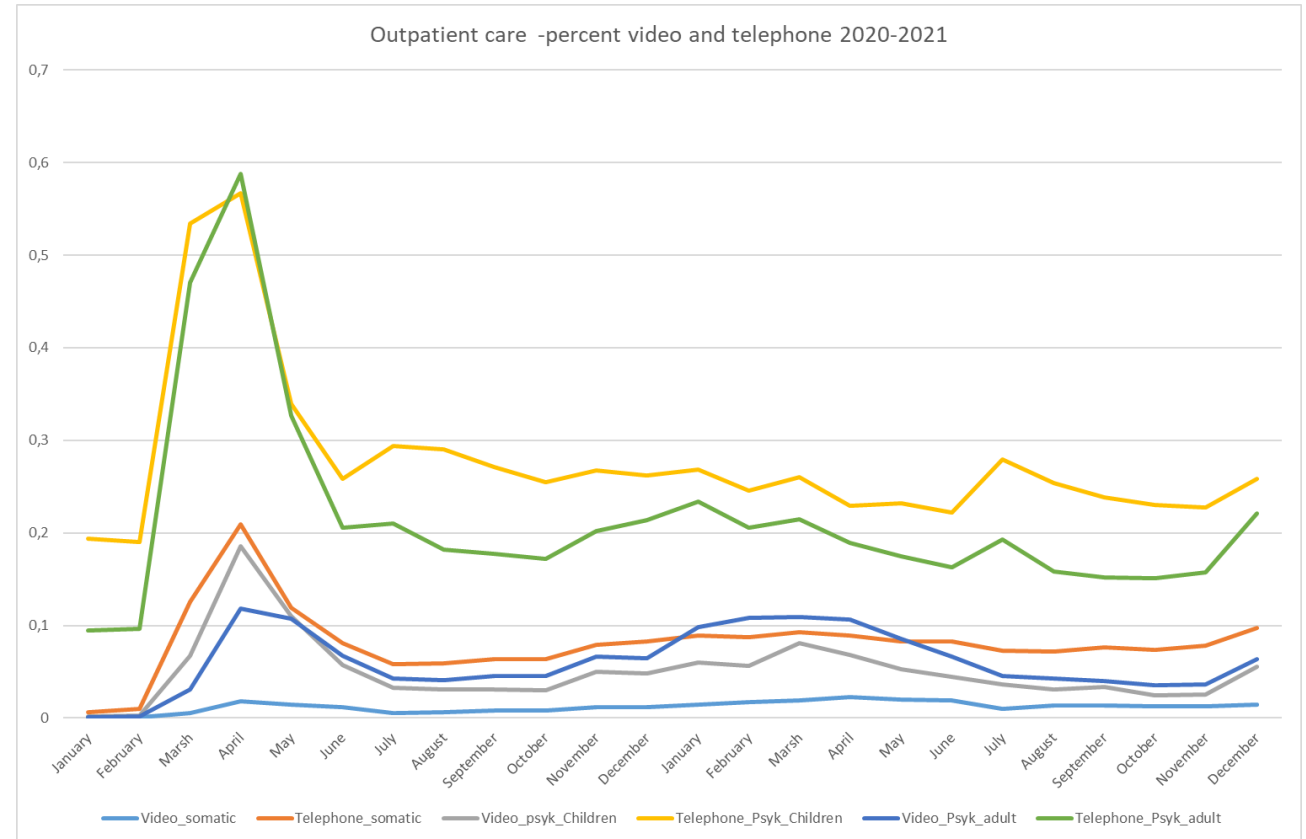


Focus on the content of the health services



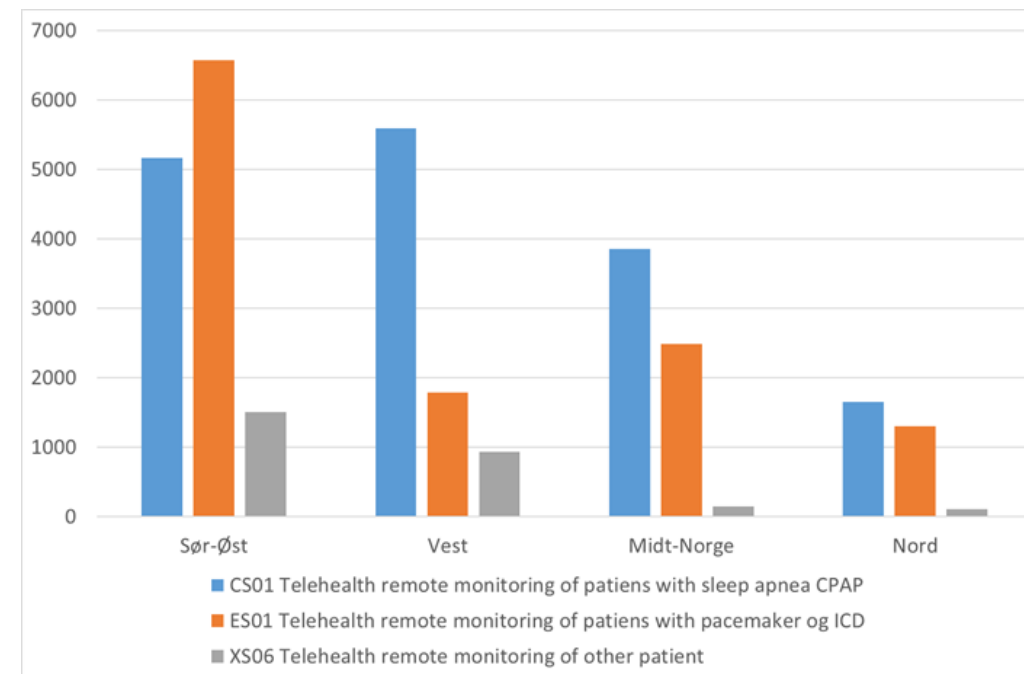
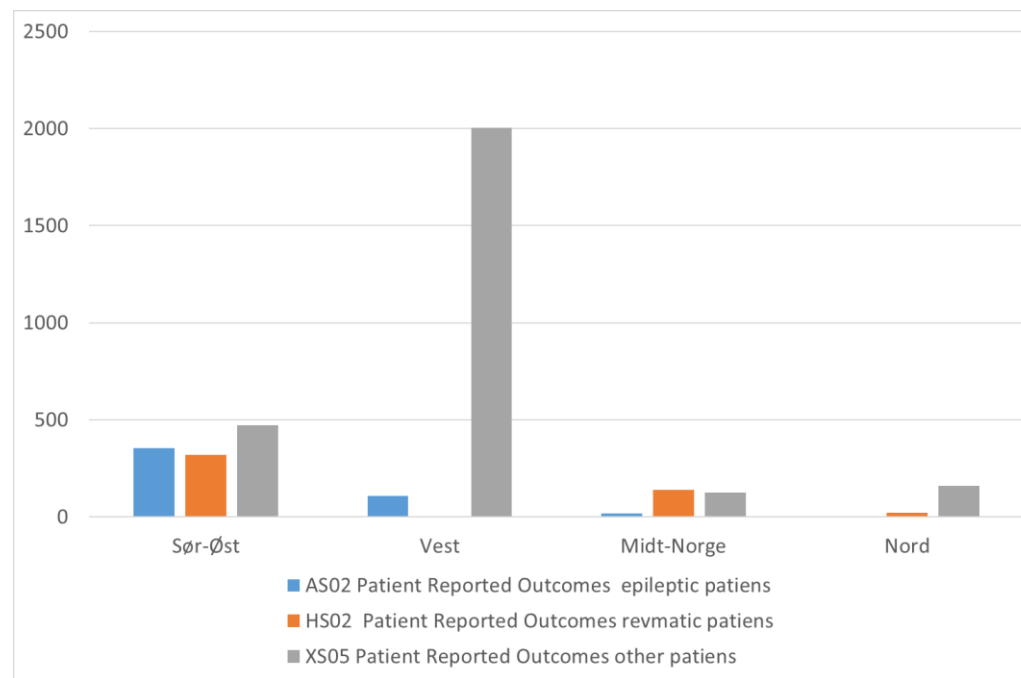
Telemedicine /eHealth

- Video- and telephone consultations
- Internet treatment program
 - E.g. a program for depression and anxiety disorders

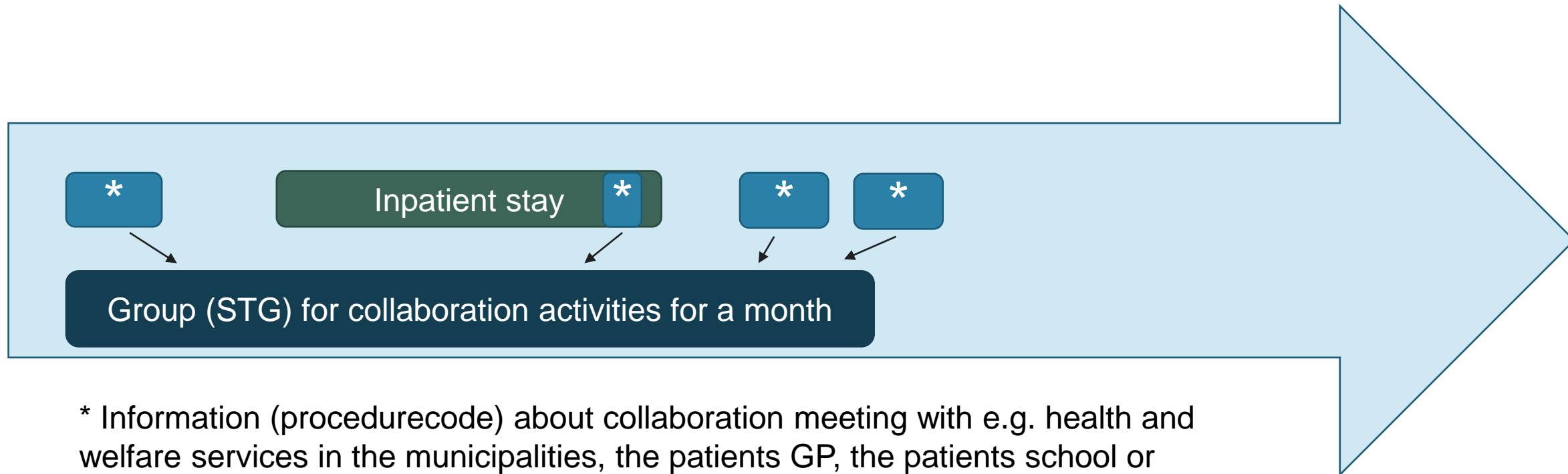


Telemedicine/ eHealth

- Several groups for follow-up based on Patient Reported Outcome (PRO) (e.g rheumatology, epilepsy, anxiety and obsessive-compulsive disorders etc.)
- Remote monitoring and follow-up
 - pacemakers and implantable cardioverter defibrillators
 - patients using CPAP/BIPAP
 - Groups for other remote monitoring



Collaboration activities

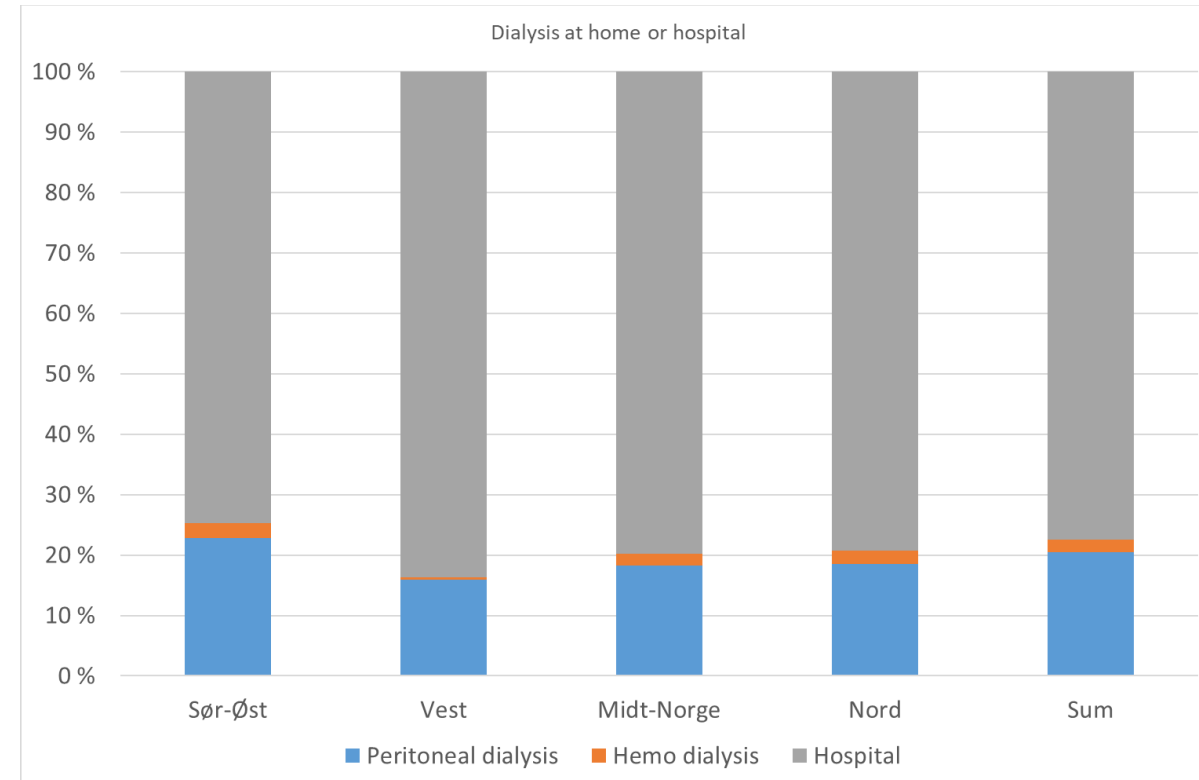


* Information (procedurecode) about collaboration meeting with e.g. health and welfare services in the municipalities, the patients GP, the patients school or kindergarden etc

«Periodes of care» - Norwegian TFGs (period of care group – bundled services)

- Dialysis in hospital
- Peritoneal dialysis at home
- Home hemodialyses

We also have TFGs for hip replacement and some drug treatment (e.g. Multippel sklerosis, reumatological diseases etc)



Sustainable health services and integrated care – what to do next?

The challenges.



Digital health - a area under development

Rapidly developing area
Less personnel intensive
Medical equipment



More focus on «periodes of care»



Refund systems (e.g. bundled payment, co-financing)



Challenging both by means of

Definitions
Activity data
Methods
Categories in the case-mix system
Cost calculations

The solution is not only in the financing systems, but financing is part of the solution

Personell
(capacity and
expertise)

Organization

Culture (shared
values)

Regulation

Standardization

Digitization

Financing



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