From data to health The future of quality improvment

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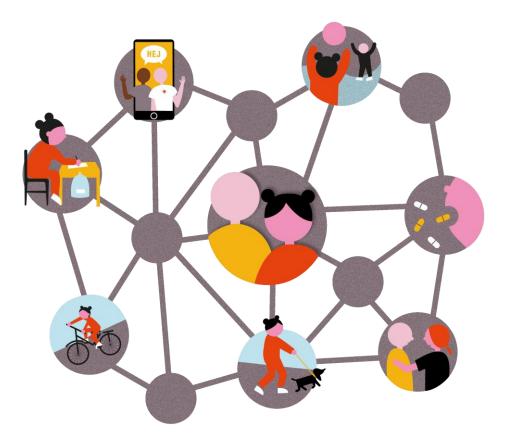
Head of Healtcare unit, SALAR

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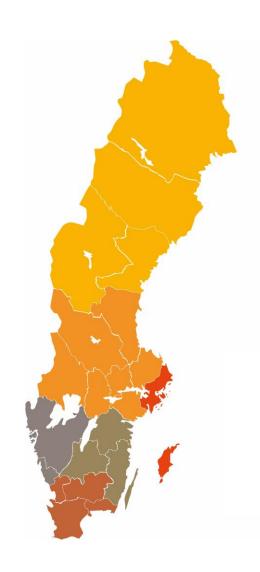






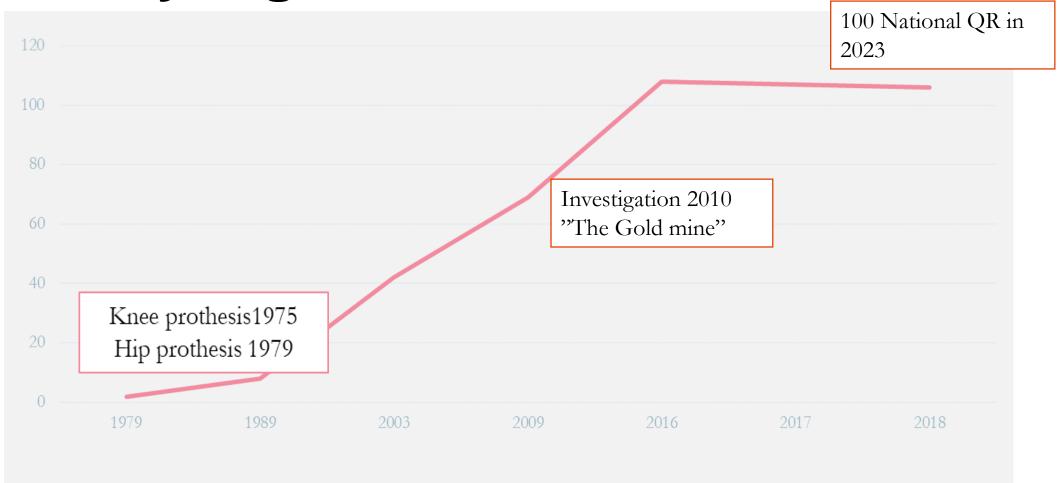
Decentralised healthcare

- Public funded system, shared responsibility
- National level
 Legislation, monitoring and education/training
- Regions (21)Healthcare
- Municipalities (290)
 Social services and primary care
- Larger collaboration regions (6)
 Geographic partnership





Quality registers in Sweden

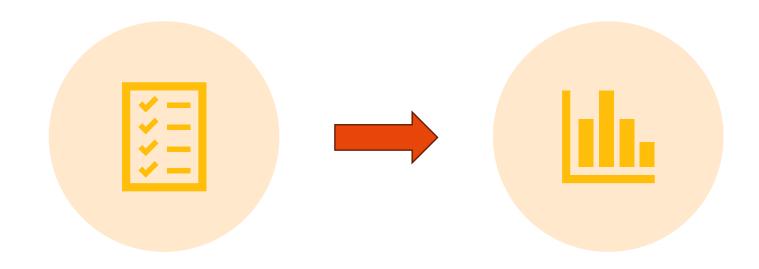




Quality improvement

- Medical outcome
- Patient reported outcome/experience measures
- Effect of patient safety measures
- Decreased waiting time
- Personalized care
- Reduced resource use
 - ...and much more

Datasources

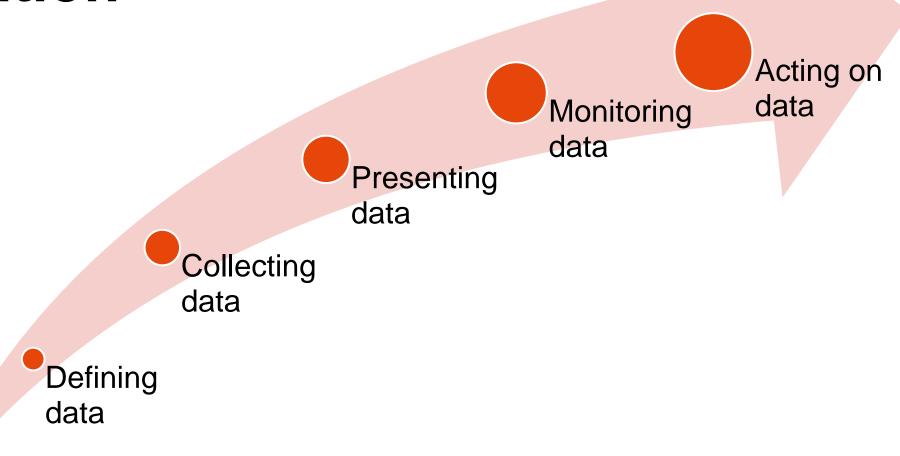


QUALITY REGISTERS

POTENTIALLY ALL DATA COLLECTED

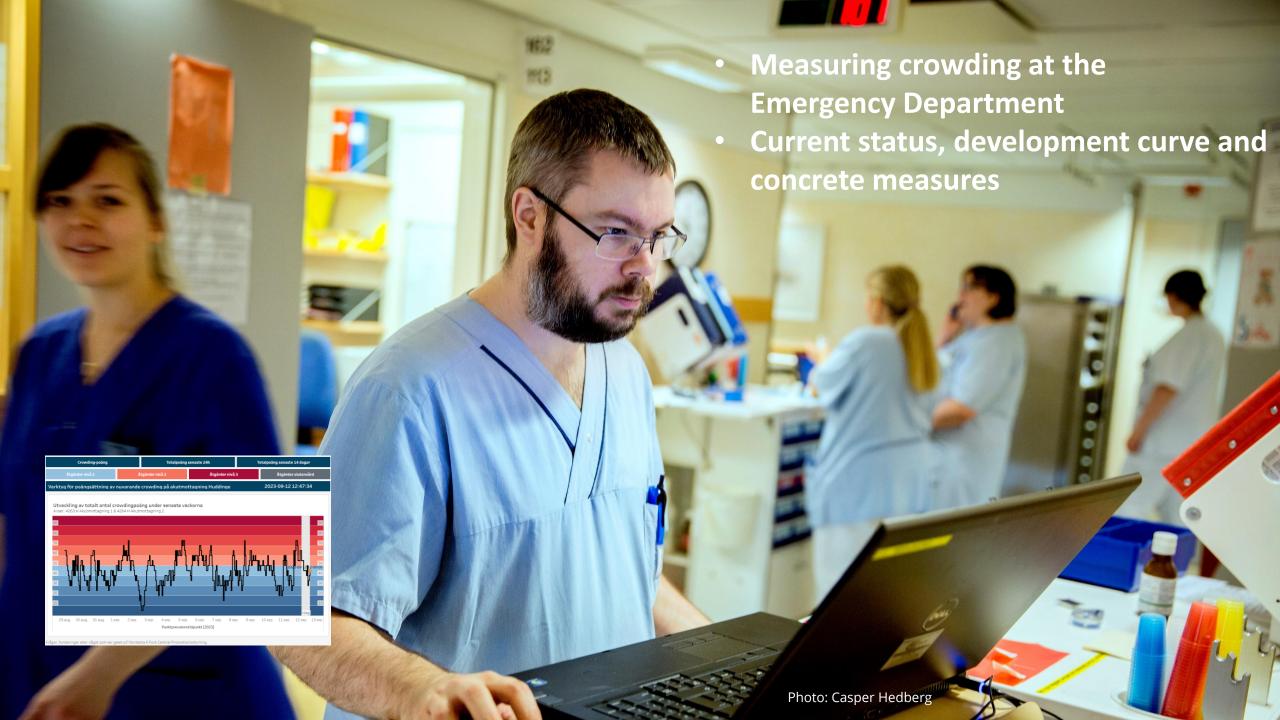


Transition

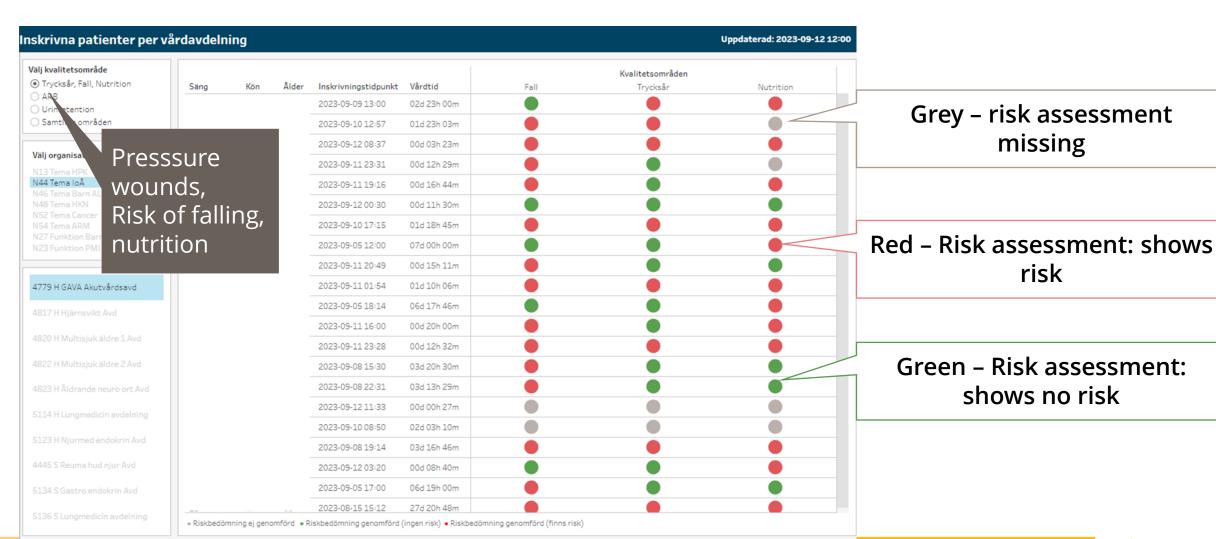




Real time information feedback



Patient safety measures – real time information

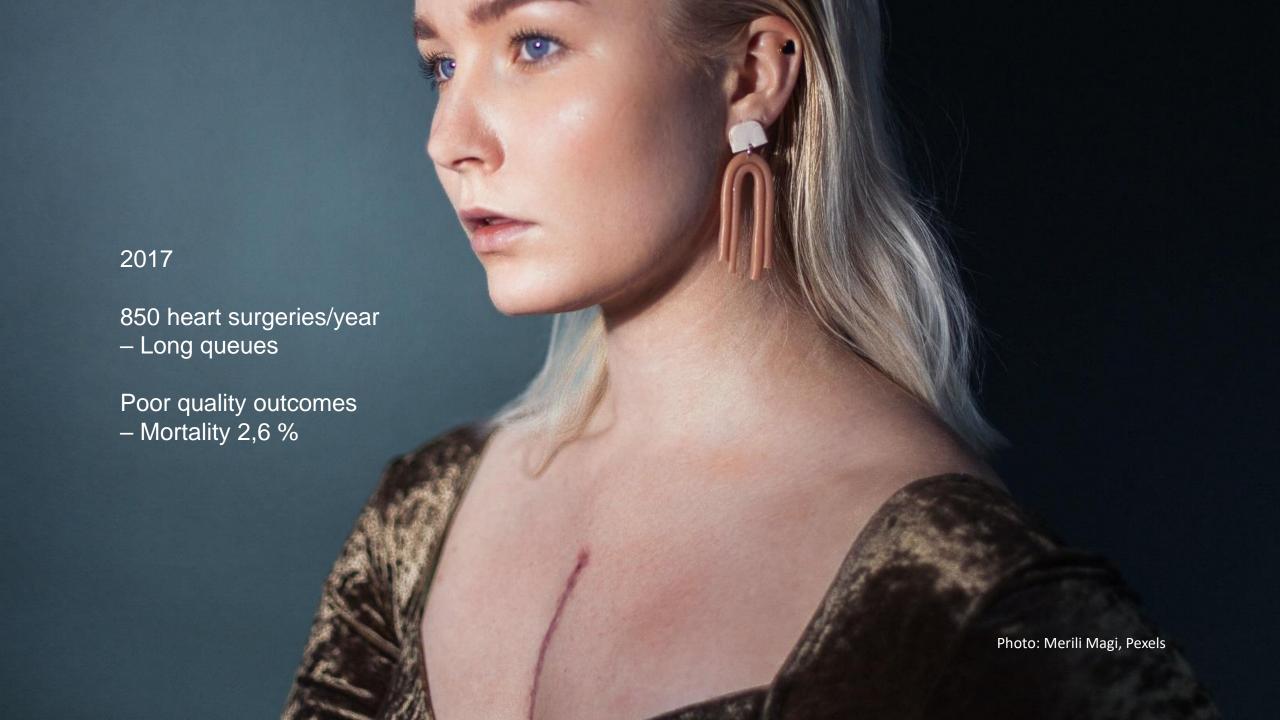




How they acted on the data

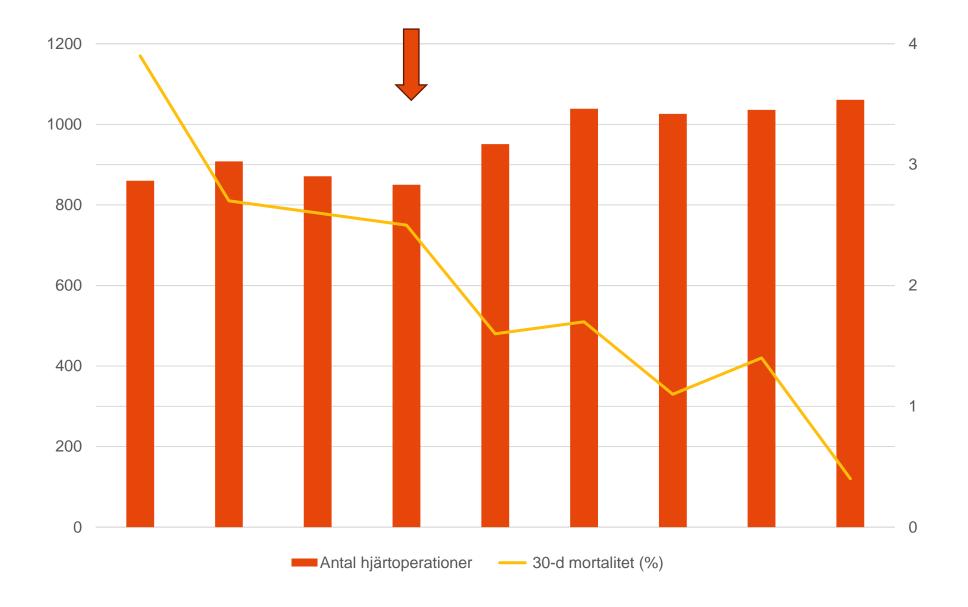
- A concrete tool used for deploying activities to reduce overcrowding
- From focus on screening and documenting to deploying in-patient safety measures

2 Data supported leadership decisions

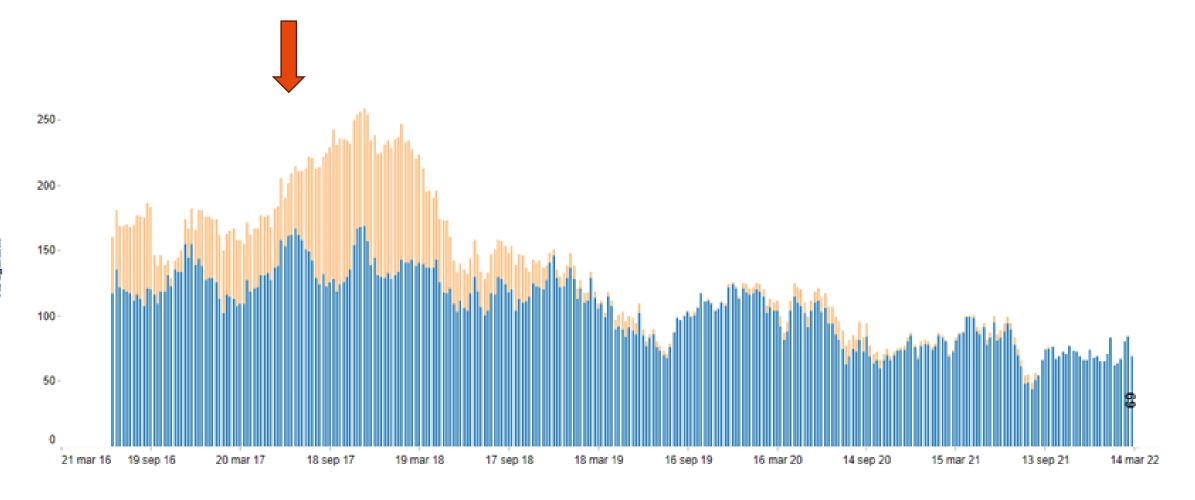


How they acted on the data

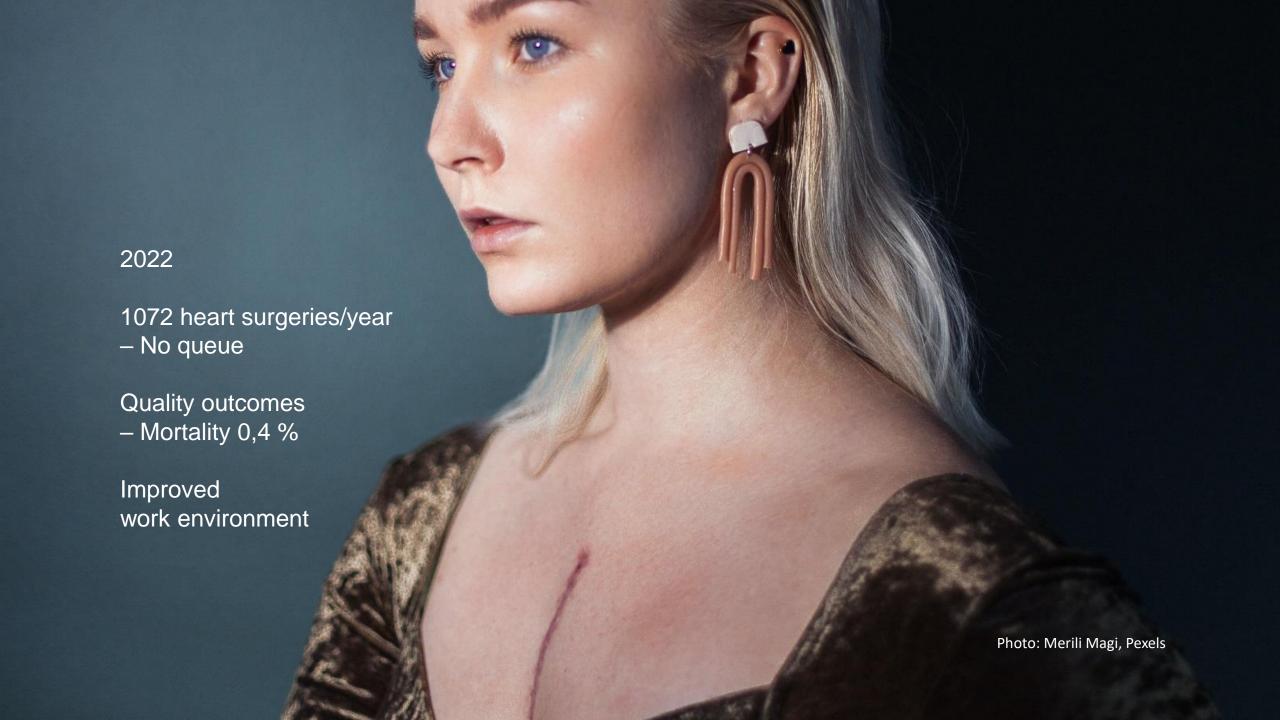
- Implemented new operating methods
- Performed more surgeries of higher quality
- Better used resources
- Person-centered care











Data supported organisational decision making



Information driven care



Group care → **Precision health-care**

Courtesy of Markus Lingman



Utan fakta
är du bara
ytterligare
en person
med en åsikt

"Handbook for information-driven health-care" Region Halland



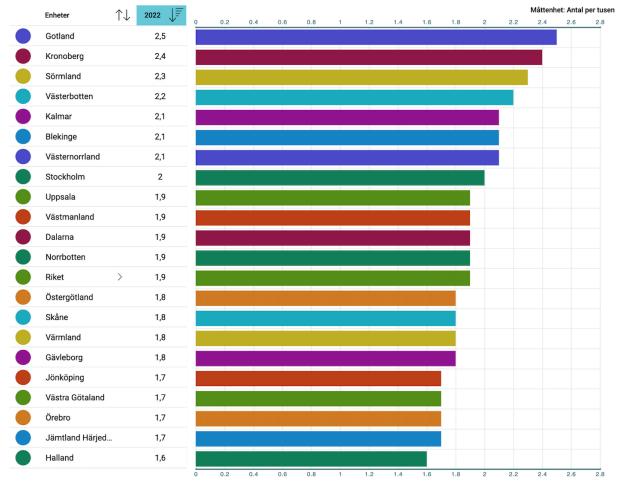
How they acted on the data

- Created a joint database structure
- Managerial decisions are based on the organization's performance data
- Quality monitoring
- Optimizing resource use
- Transition from imprecision to precision medicine

Disponibla vårdplatser i slutenvård

Antal disponibla vårdplatser i slutenvård per 1 000 invånare

The least number of in-hospital beds in Sweden per capita





Urval

Kön: Totalt, Ålder: Totalt, Period: År

Källa:

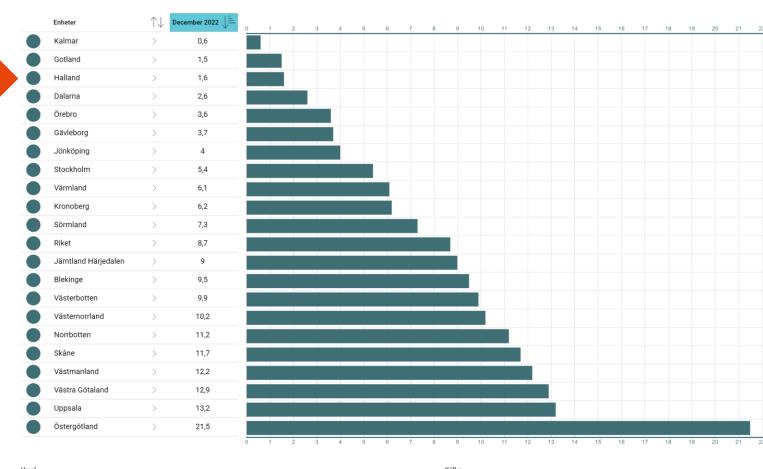
Sveriges Kommuner och Regioner



Överbeläggningar i somatisk slutenvård

Antal överbeläggningar per hundra disponibla vårdplatser.

And still the third lowest overcrowding in in-patients



Urvai Kön: Totalt, Ålder: Totalt, Period: Månad

Patientsäkerhet, Sveriges Kommuner och Regioner



