

# Establishing a nationwide system for knowledge based healthcare – the Swedish experience

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National system for knowledge-based  
management within healthcare

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**SWEDEN'S REGIONS IN COLLABORATION**

# An introduction



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**SWEDEN'S REGIONS IN COLLABORATION**

# Sweden

- **Area:** 528,447 sq. km, third largest country in Western Europe
- **Population:** Almost 10,4 million
- **Form of government:** constitutional monarchy, parliamentary democracy
- **Life expectancy:** women 84,3 years, men 80,6 years
- **Cost for healthcare:** Approximately 11% of GDP



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# Decentralised healthcare

Public funded system, shared responsibility between national government and local authorities

## National level

Legislation, monitoring and education/training

## Regions (21)

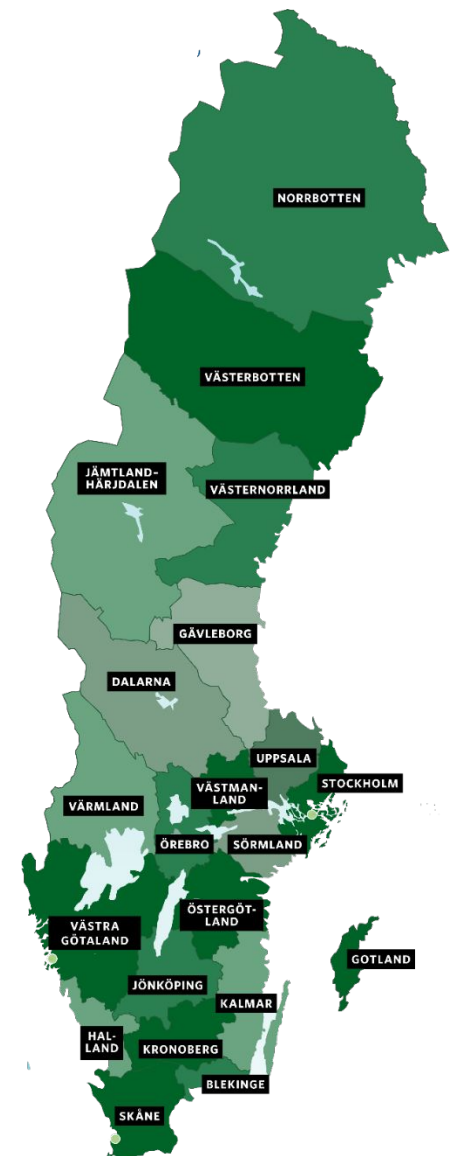
**Healthcare**, but also regional development and support to cultural activities and public transport

## Municipalities (290)

Social services; care of elderly and disabled people, schools and school health care, spatial planning and building, health and environmental protection, rescue services, order and security etcetera.

## Larger healthcare regions (6)

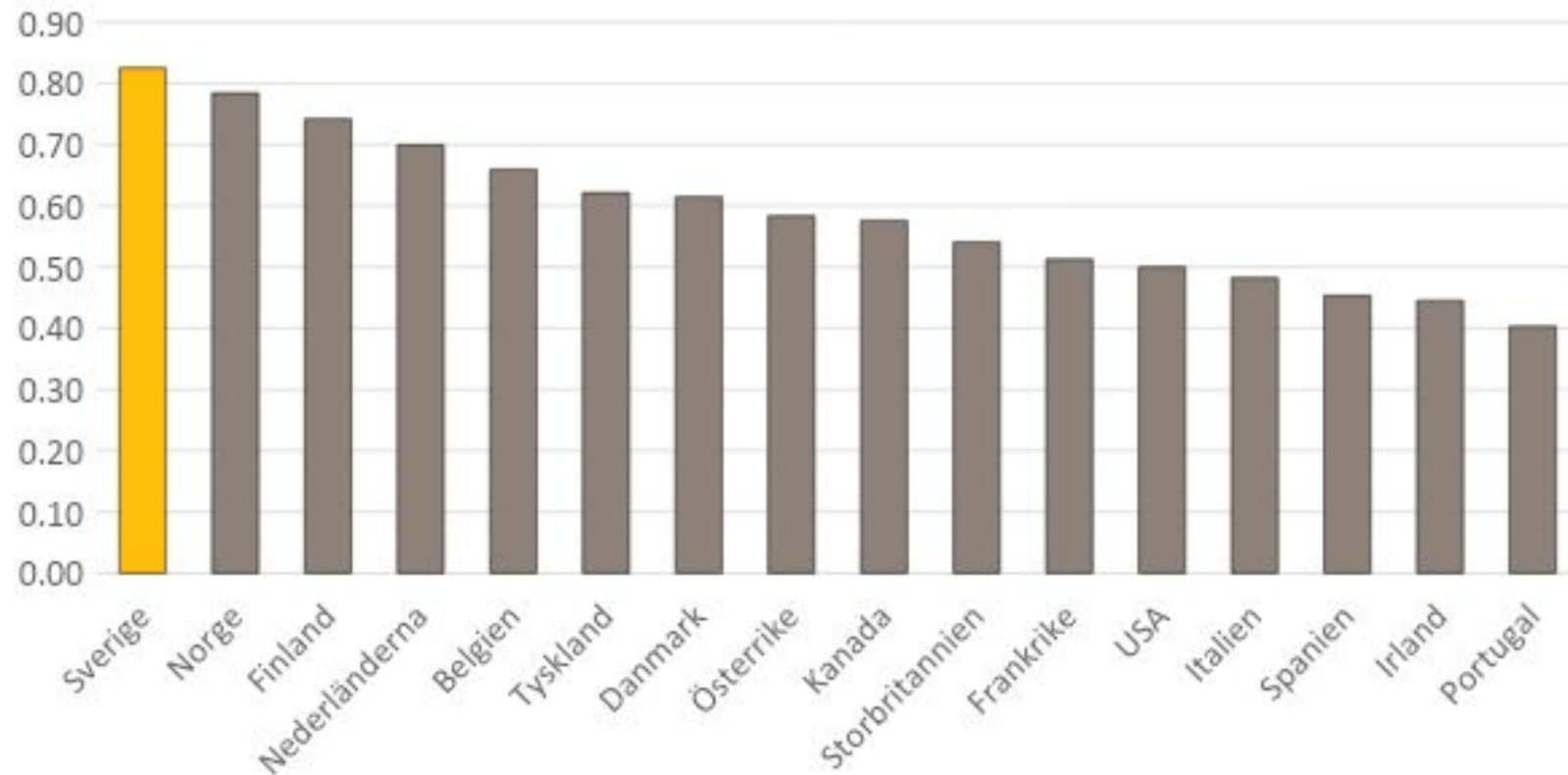
**Geographic partnership**, consolidate specialised care within the region and other collaborations.



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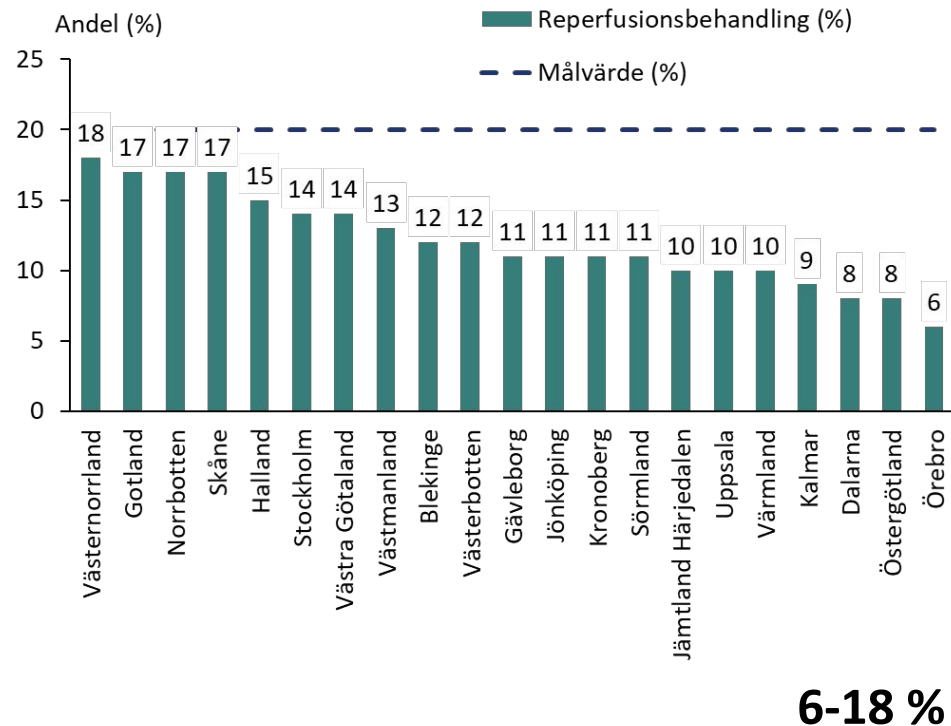


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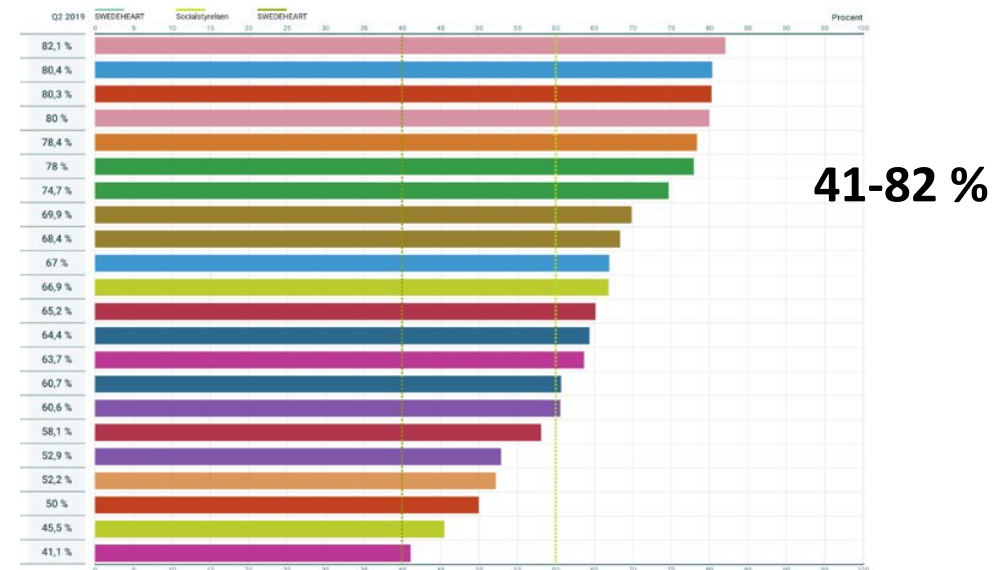
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# Health care differs between the 21 regions

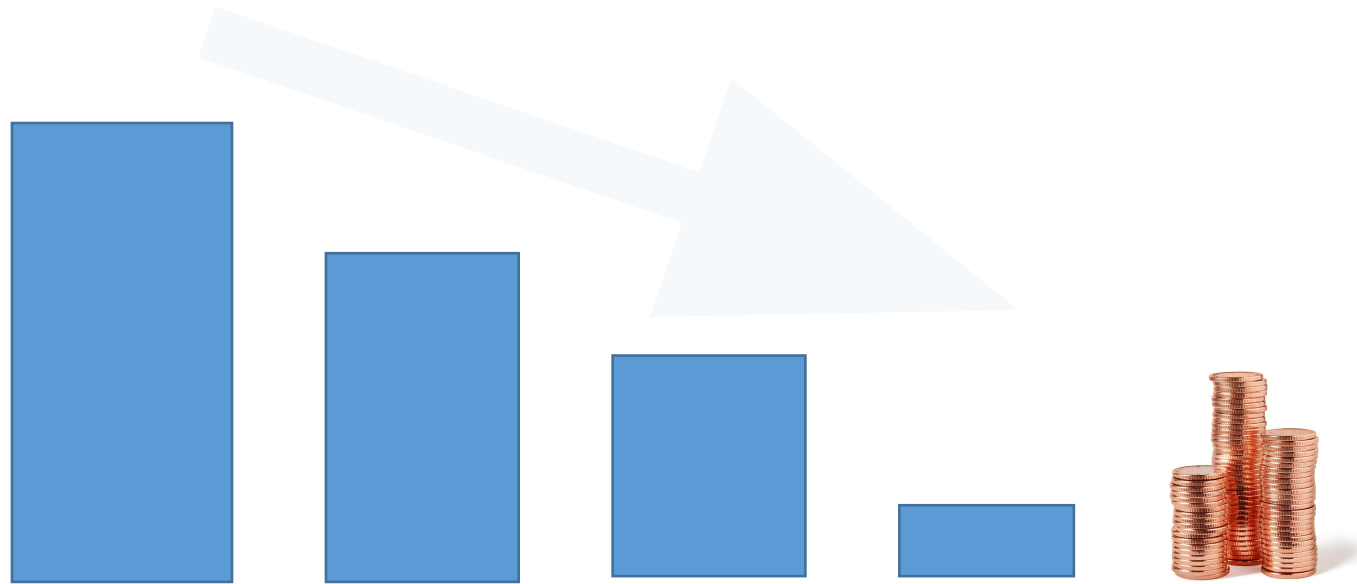
## Reimbursement treatment, stroke



## Goal completion for LDL-cholesterol after myocardial infarction



Care process for venous leg ulcers – healthier patients and possible savings of about 1,5 billion SEK / year if established in all regions



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We make  
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# Knowledge-based management in practice

- We use the best available knowledge
- The meeting is followed up and analysed
- New knowledge is put into practice quickly
- Identify areas for improvement with the patient

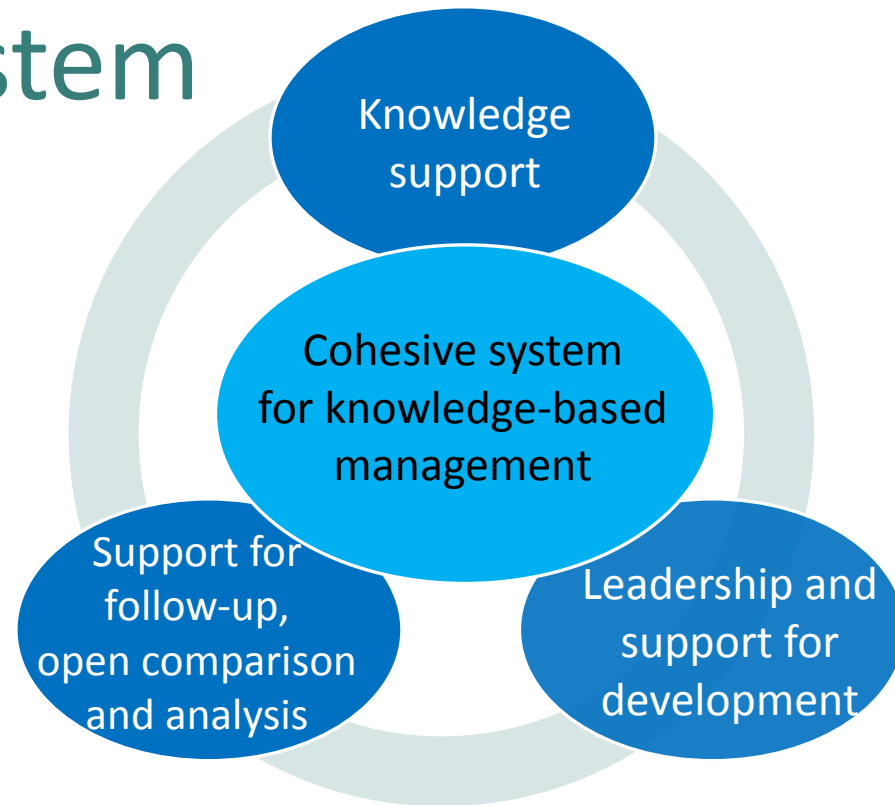
Support patients and care givers to work knowledge based



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# A learning system



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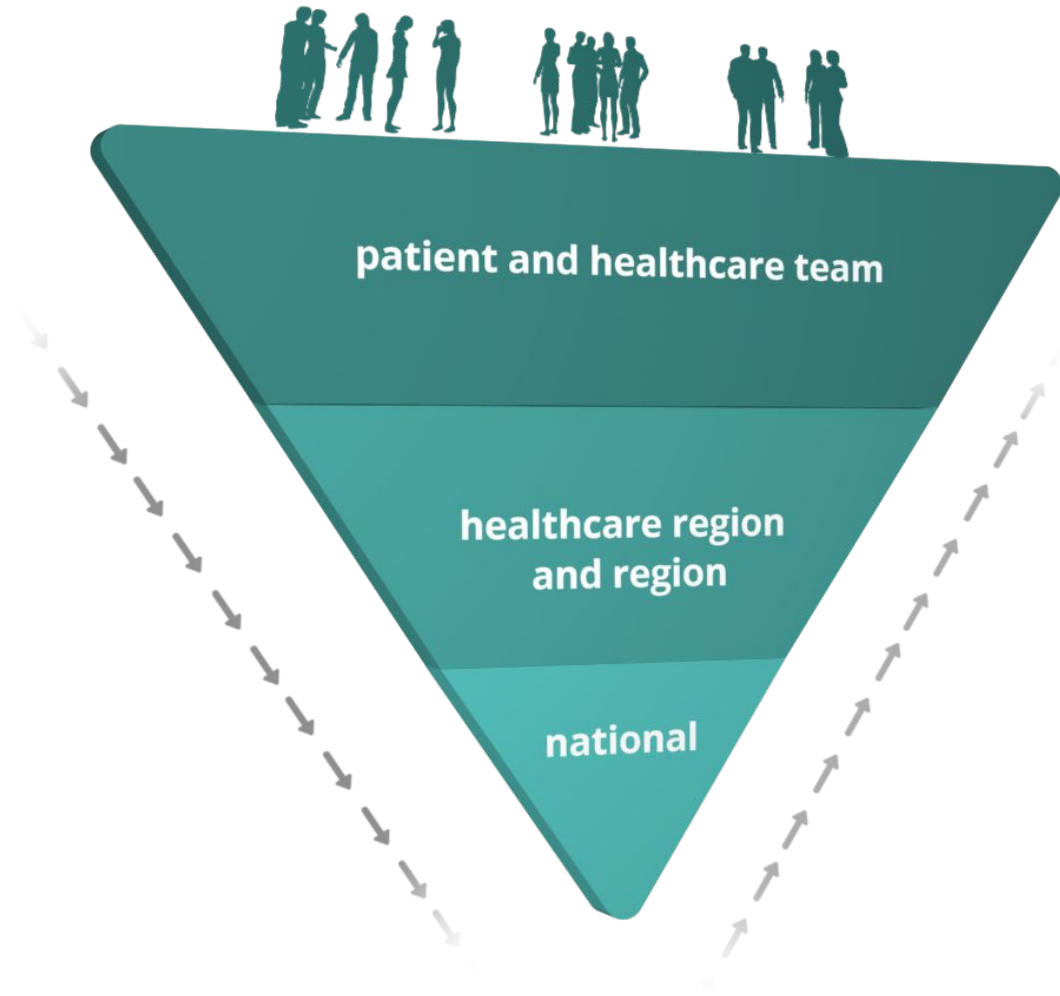
# Britt-Marie and her loved ones take lead on collaboration for knowledge-based management



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## **patient and healthcare team**

the best knowledge available  
sharing positive experiences

## **healthcare region and region**

support and cooperation

## **national**

basis for clinical knowledge support  
cooperation in areas of development

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# 26 national program groups and 7 national collaboration groups – hosted by 6 health care regions and SALAR

## Sjukvårdsregion mellansverige

- Akut vård
- Äldres hälsa
- Hjärt- och kärlsjukdomar
- Öron-, näsa-, halssjukdomar

## Västra sjukvårdsregionen

- Lung- och allergisjukdomar
- Rörelseorganens sjukdomar
- Mag- och tarmsjukdomar
- Kirurgi och plastikkirurgi
- Psykisk hälsa

## Södra sjukvårdsregionen

- Nervsystemets sjukdomar
- Nationellt Primärvårdsråd
- Njur- och urinvägssjukdomar
- Tandvård

## Norra sjukvårdsregionen

- Endokrina sjukdomar
- Levnadsvanor
- Cancersjukdomar (vilande, SKR)

## Sjukvårdsregion Stockholm/Gotland

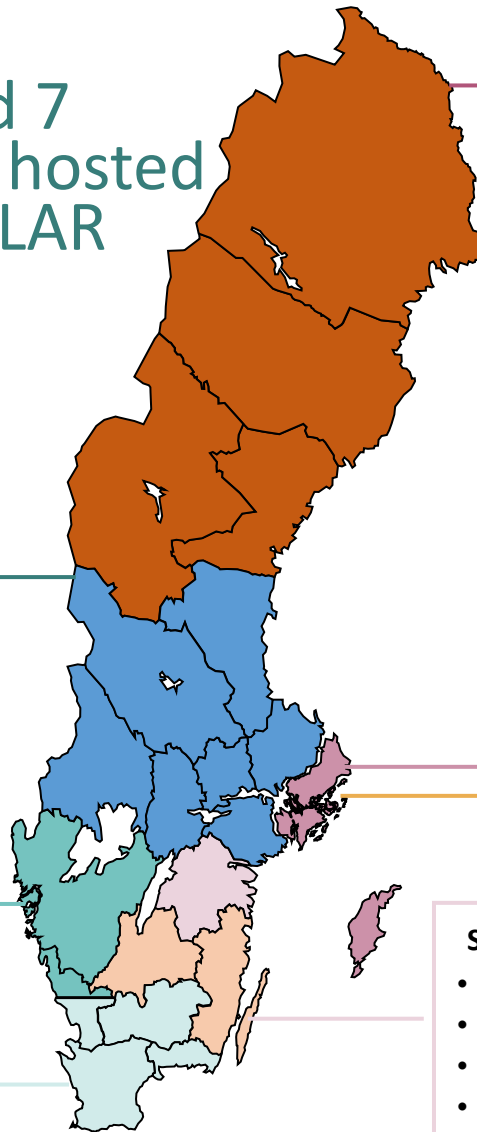
- Hud- och könssjukdomar
- Reumatiska sjukdomar
- Infektionssjukdomar
- Sällsynta sjukdomar
- Medicinsk diagnostik
- Ögonsjukdomar

## SALAR

- Cancersjukdomar (vilande)
- NSG Forskning och life science
- NSG Läkemedel och medicinteknik
- NSG Metoder för kunskapsstöd
- NSG Data och analys
- NSG Patientsäkerhet
- NSG Strukturerad vårdinformation

## Sjukvårdsregion Sydöstra

- Barn och ungdomars hälsa
- Kvinnosjukdomar och förlossning
- Perioperativ vård, intensivvård och transplantation
- Rehabilitering, habilitering och försäkringsmedicin



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# 20 care processes, 5 care programmes, twice as many for cancer diseases, 18+350 care recommendations



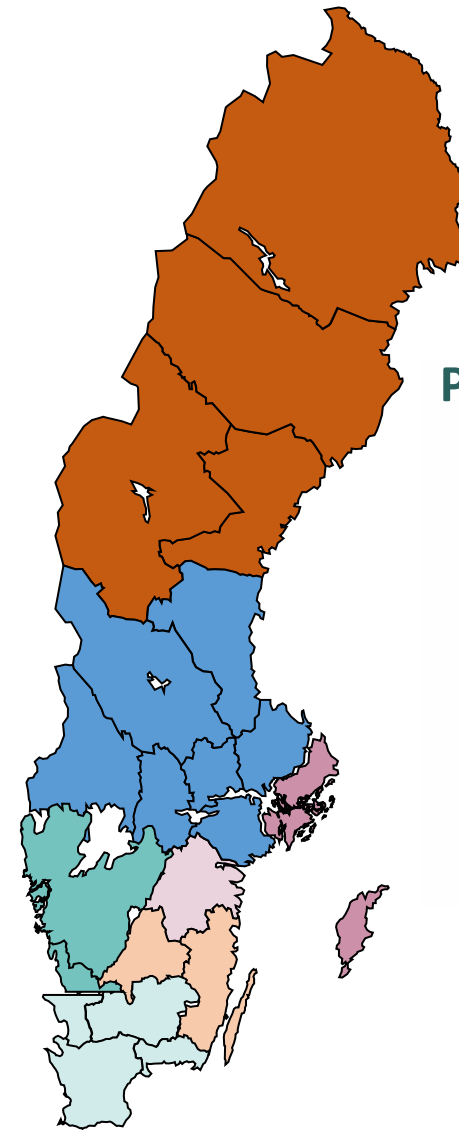
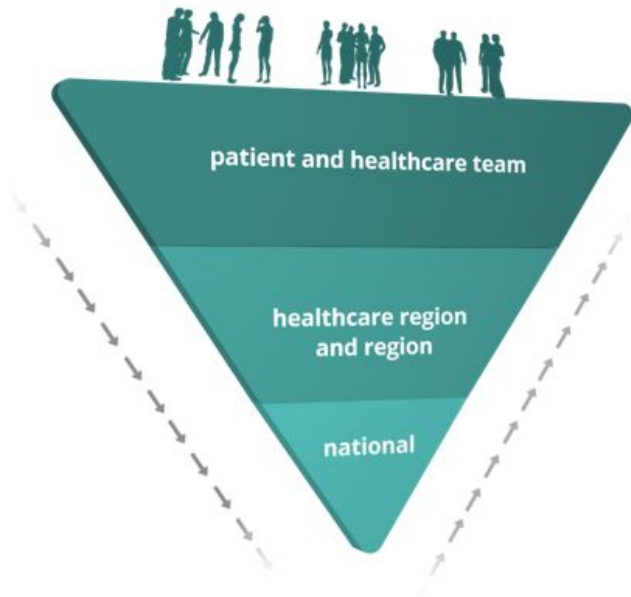
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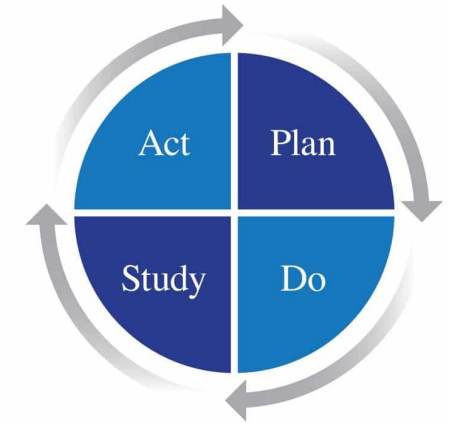
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PDSA – plan do study act



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