Planning and forecasting in Denmark

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Denmark

- Population size:
  - 5.627.235

- 5 political regions

- 3 Regional Councils for Postgraduate Medical Education

- Number of doctors living i DK below the age of 65
  - 22.008 (2014)

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The Danish model

- National planning and forecasting

- Planning and Forecasting Committee
  - Medical doctors and specialists

- Planning and Forecasting Committee
  - Dentists, dental specialists, clinical dental technicians, dental hygienists

- Supply forecasts are produced approximately every 3rd year

- Plan for the number of postgraduate training posts every 5th year

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Organization of the planning system

Strengths

- National planning of the number of postgraduate training posts
- Stakeholder involvement
- Similar workflows for different professions

Weaknesses

- Not all ressources work at the Danish Health and Medicines Authority

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What goals are set?

Strengths

- Plan for the number of postgraduate training post
- Forecasting and planning are done on a regular basis
- Illustrate expected supply
- A basis for discussions of the future to come

Weaknesses

- No real plan for the skills needed
- No specific target for how many health-persons we need in the future

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Data

Strengths

- Detailed registers containing a lot of usefull information

Weaknesses

- No access to FTE

- Old data

- Immigration/emmigration

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Forecasting model

Strengths

- Easy to update
- Possible to make scenarios for the supply

Weaknesses

- No modeling of expected changes in mortality, retirement age or leave
- No quantitative model for forecasting demand

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Conclusion

- A forecast should be
    - timely
    - as accurate as possible
    - reliable
    - meaningful units
    - presented in writing

- The method should
    - be easy to use and understand
    - easily computed

- Weaknesses
    - Ignores complex relationships in data

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