

# Using Administrative Data to Inform Policy

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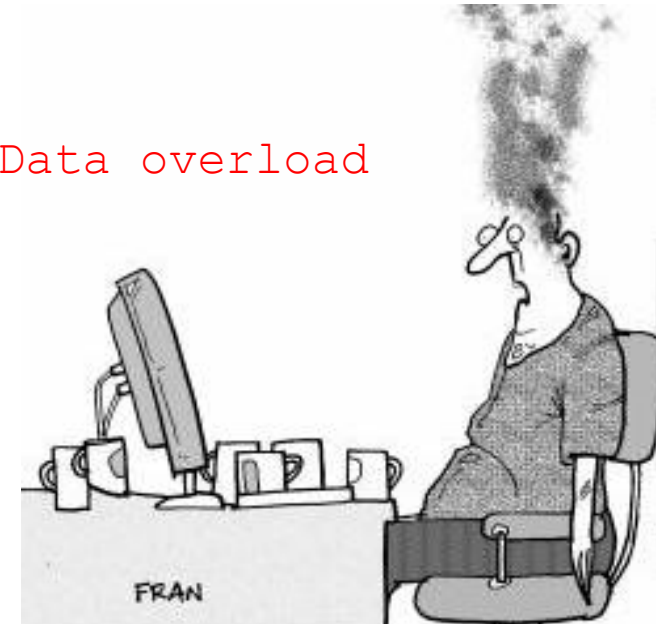
**IGEES**

# Administrative data

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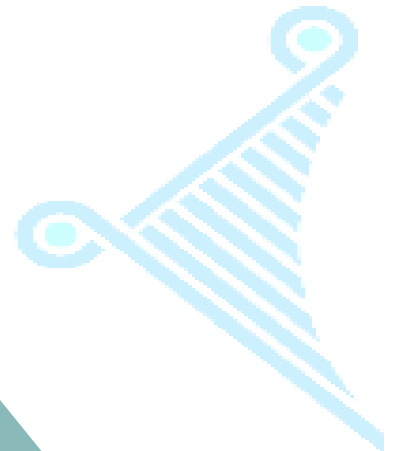
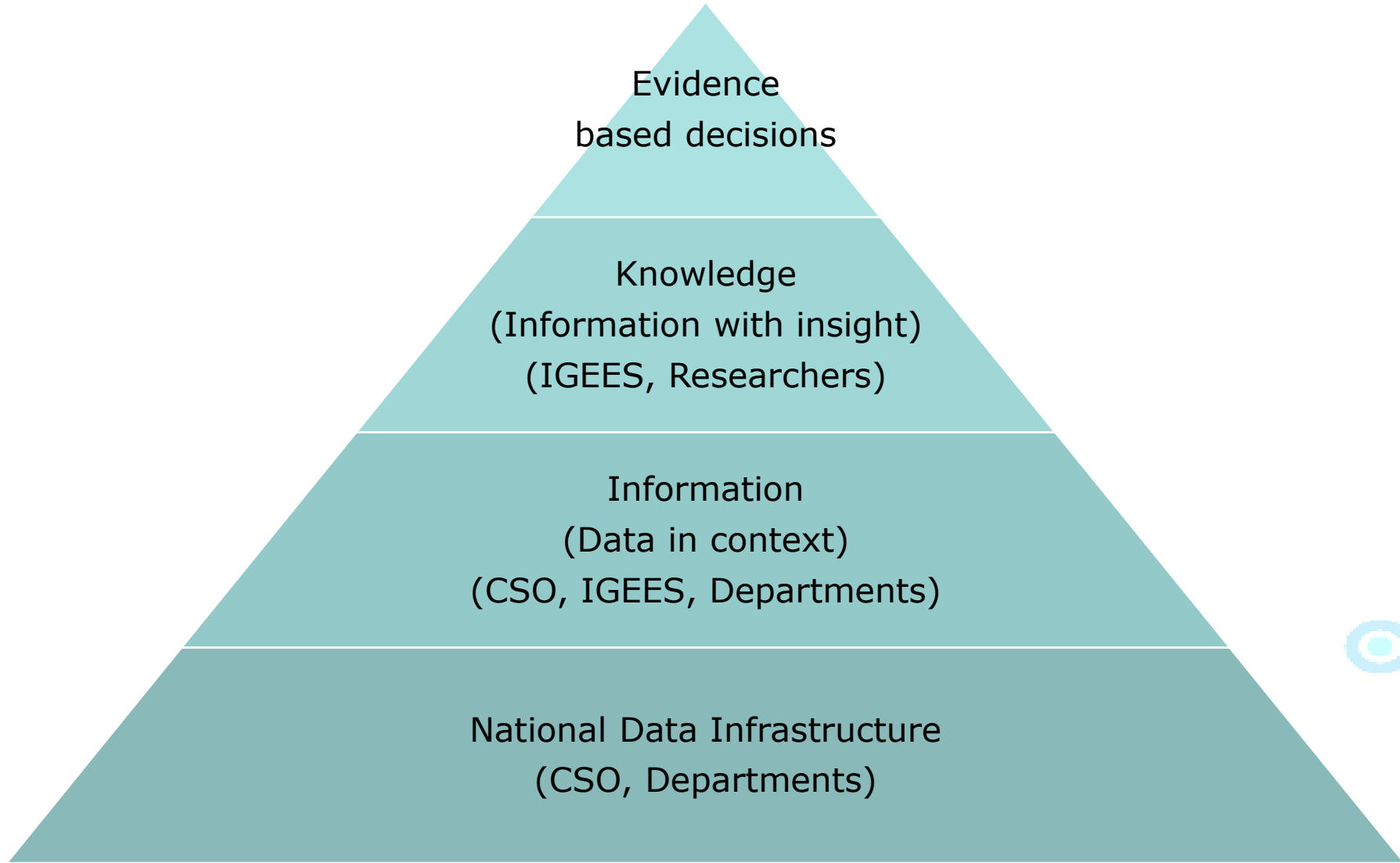
- Administrative data – captured through day to day provision of public services
- It is big data – particularly when linked
- It is not easy to search – requires big data analytics
- It is not easy to make sense of – requires advanced quantitative skills
- Data protection issues – anonymization and aggregation
- It is comprehensive - all populations not samples
- Provides longitudinal dimension
- Facts not opinions on what happened and why
- Provides good basis for prediction
- But, if feels like drinking from the fire hydrant

Data overload

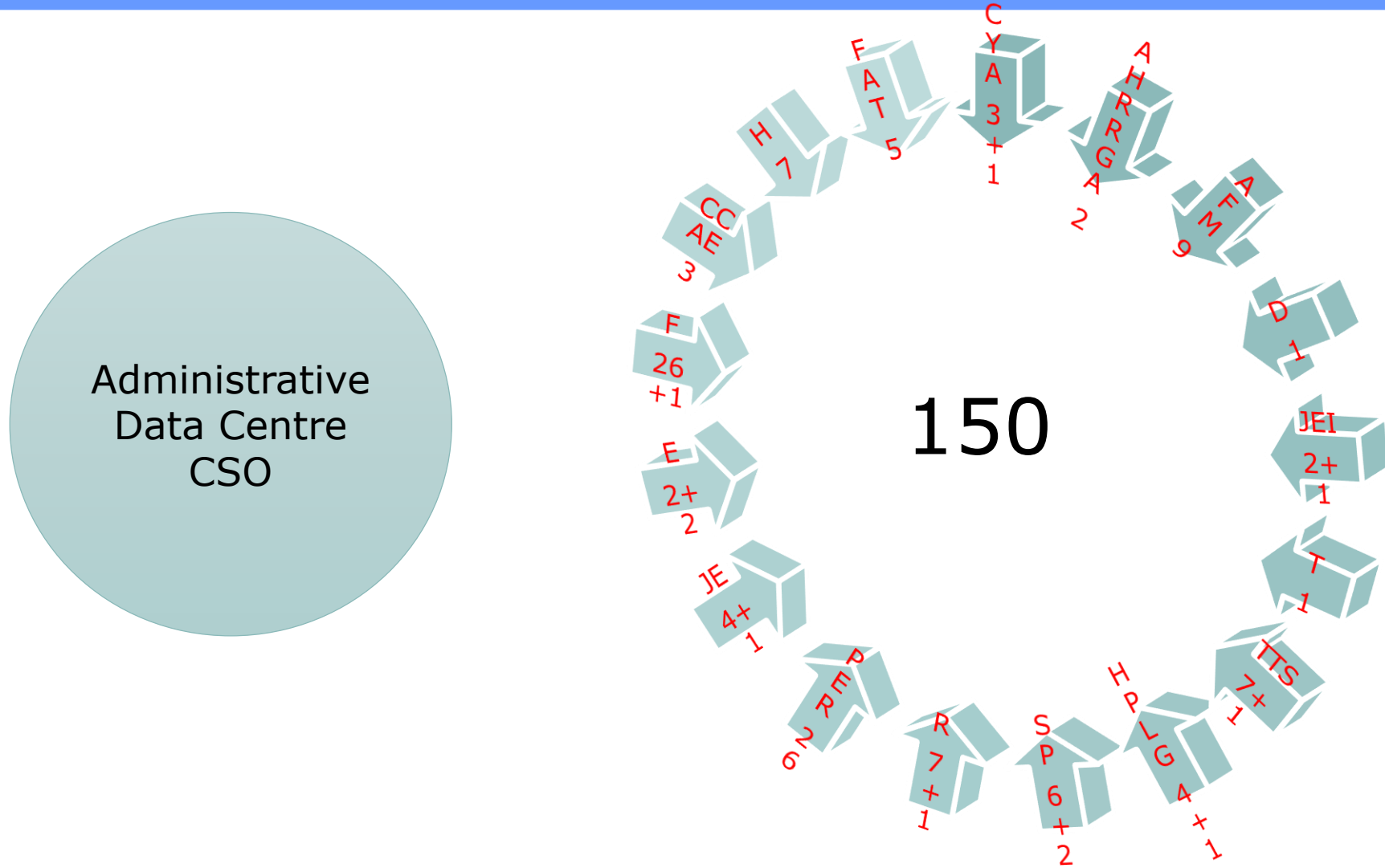


# What do we need to do?

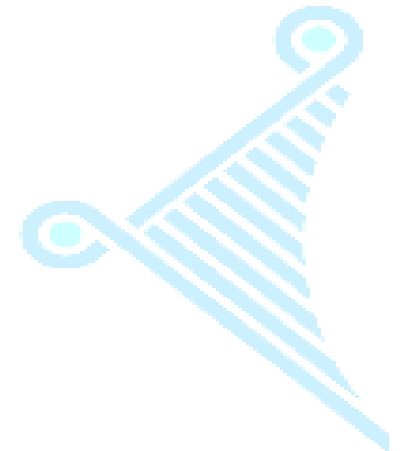
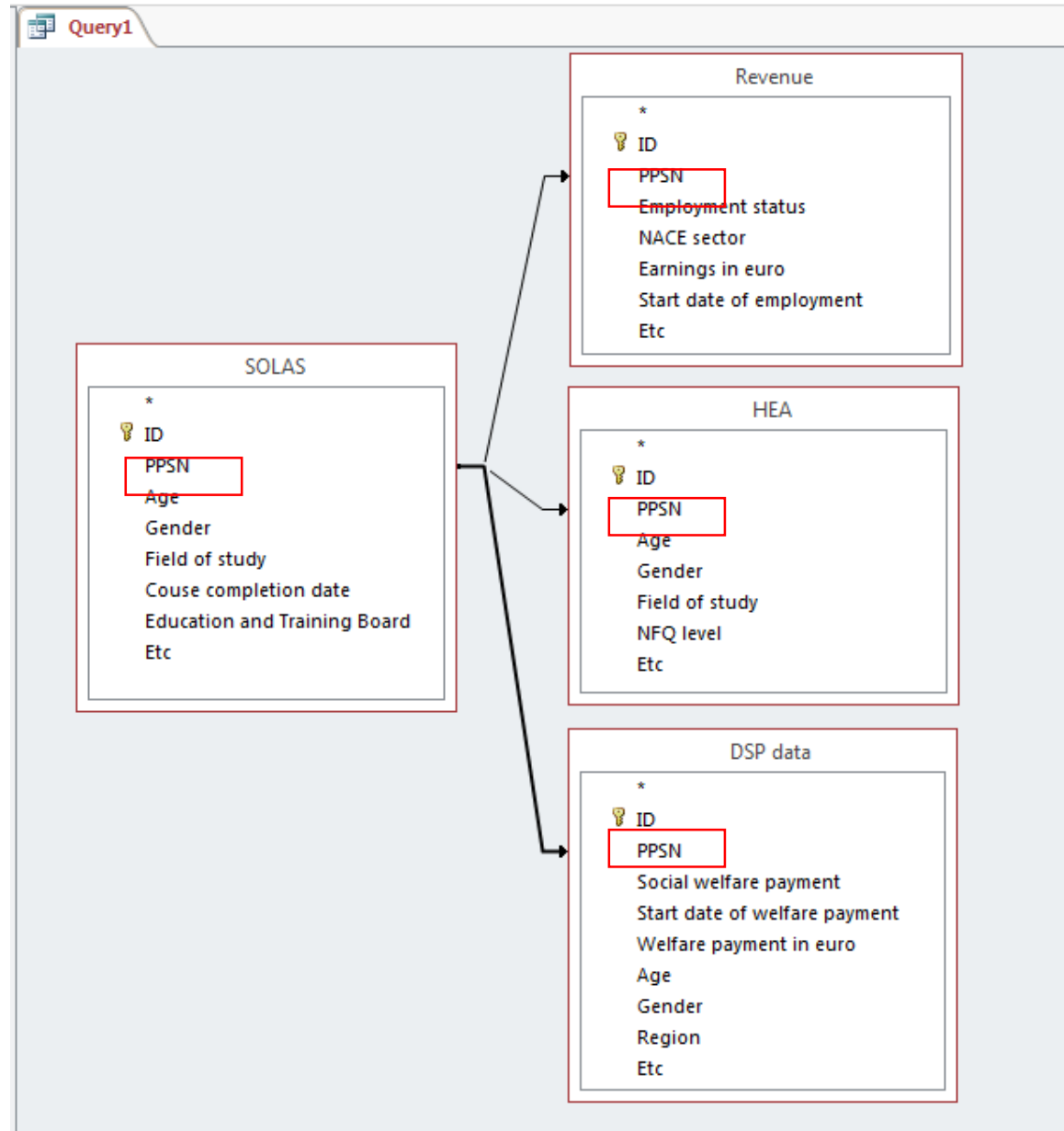
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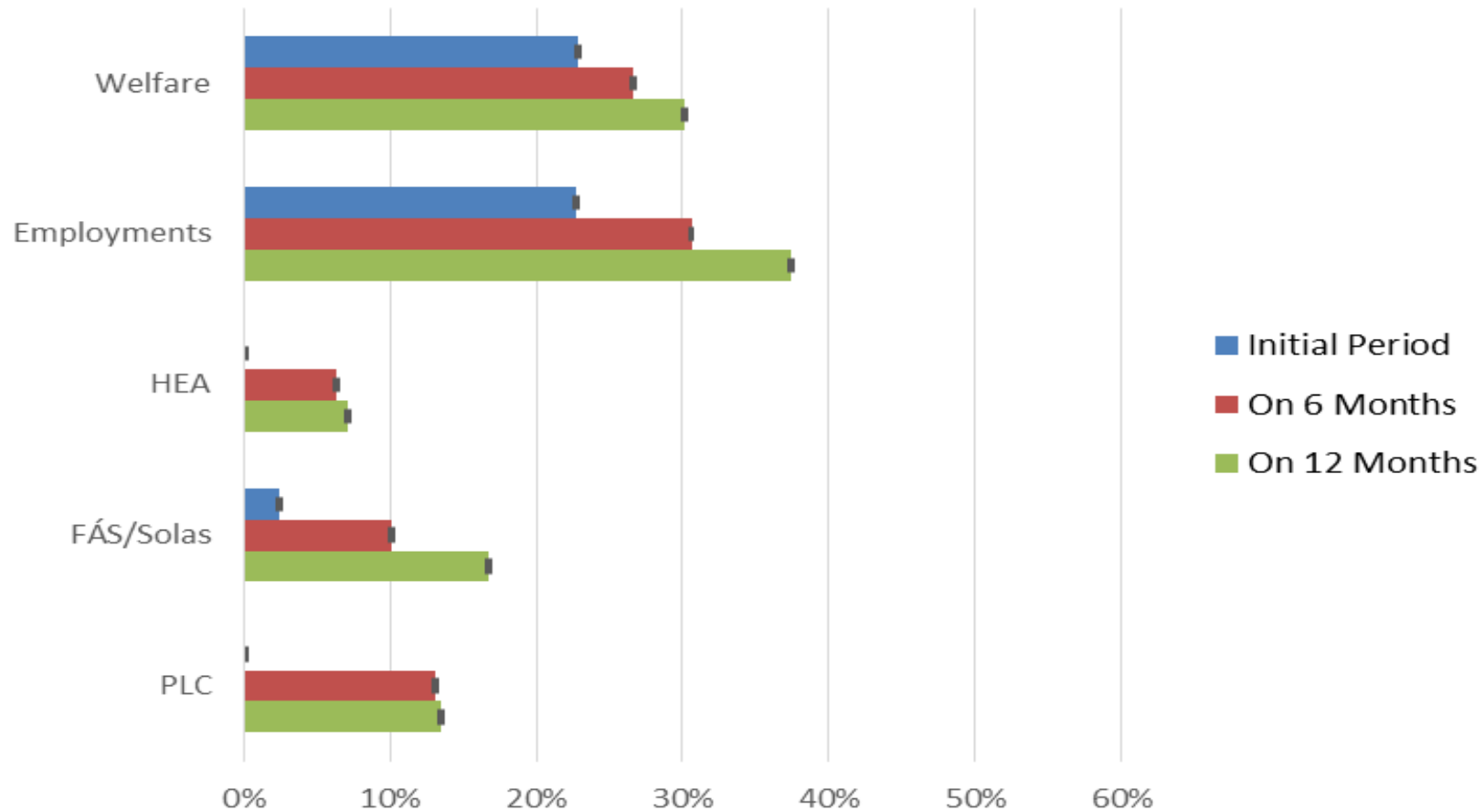
# Skills in Government Departments, CSO and IGEES



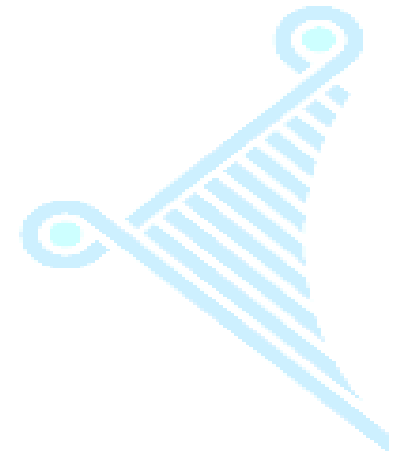
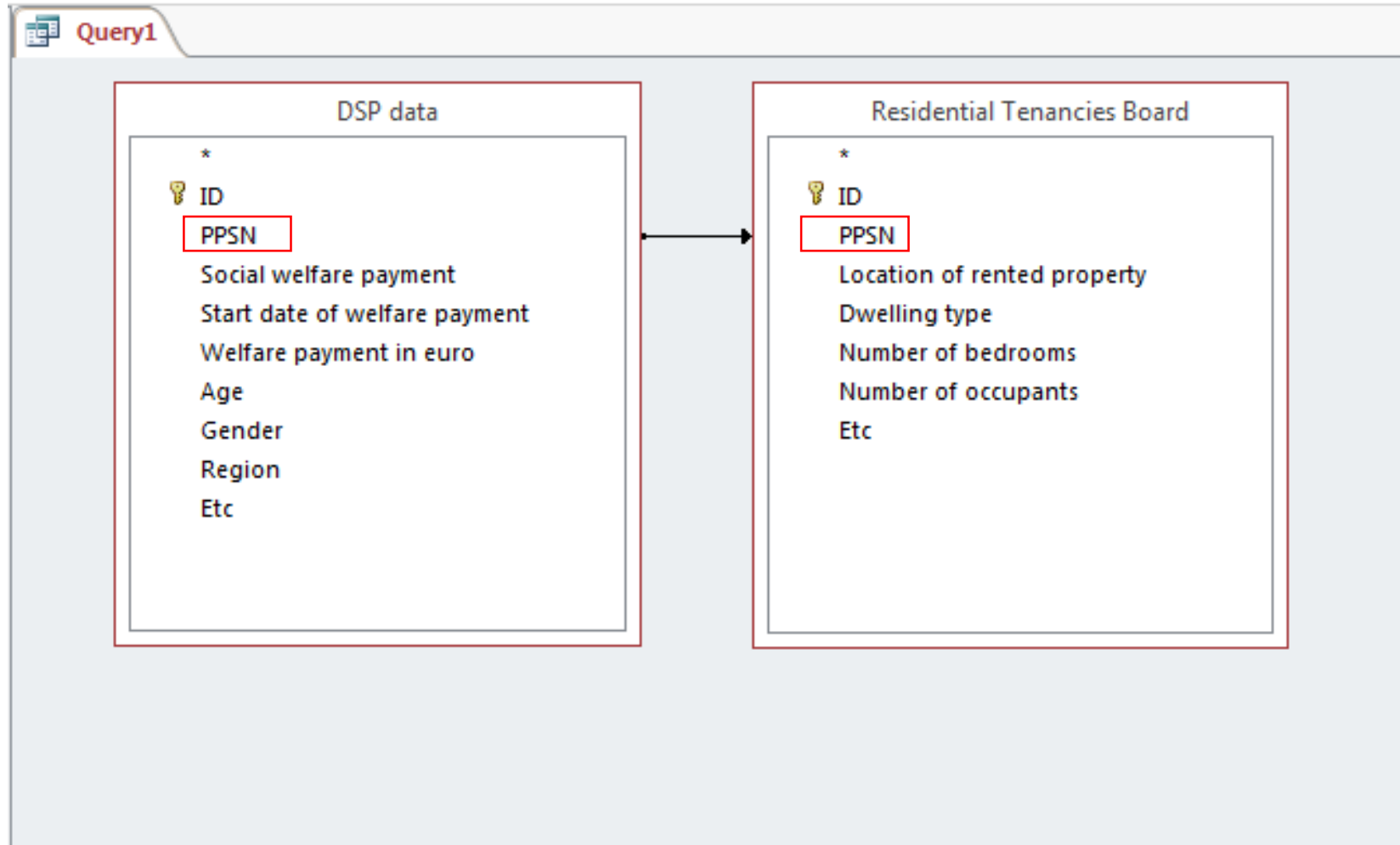
# Where do graduates from Further Education and Training go and does this vary by provider?



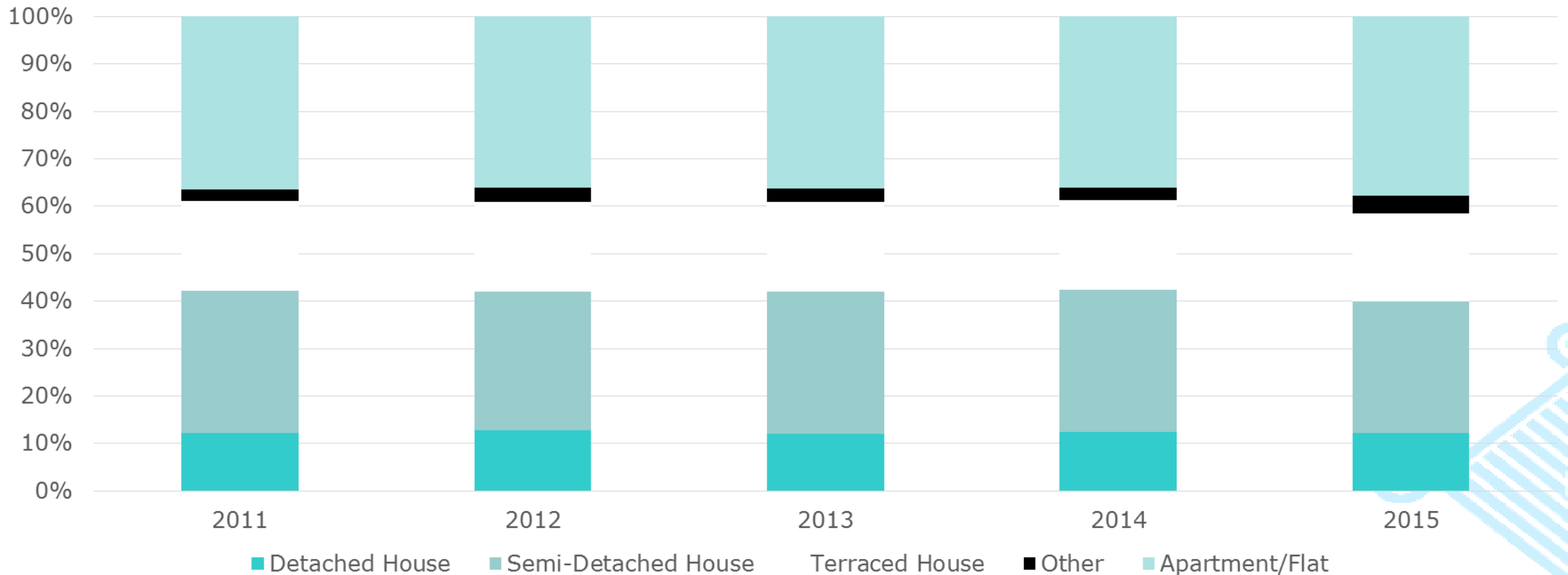
# FET – illustrative output for ETB X



# What type of accommodation do persons in receipt of Rent Supplement live in and has that changed over time?

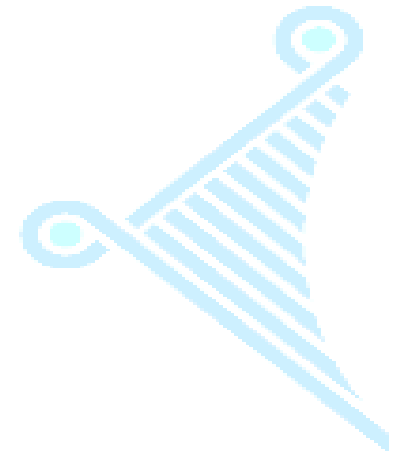
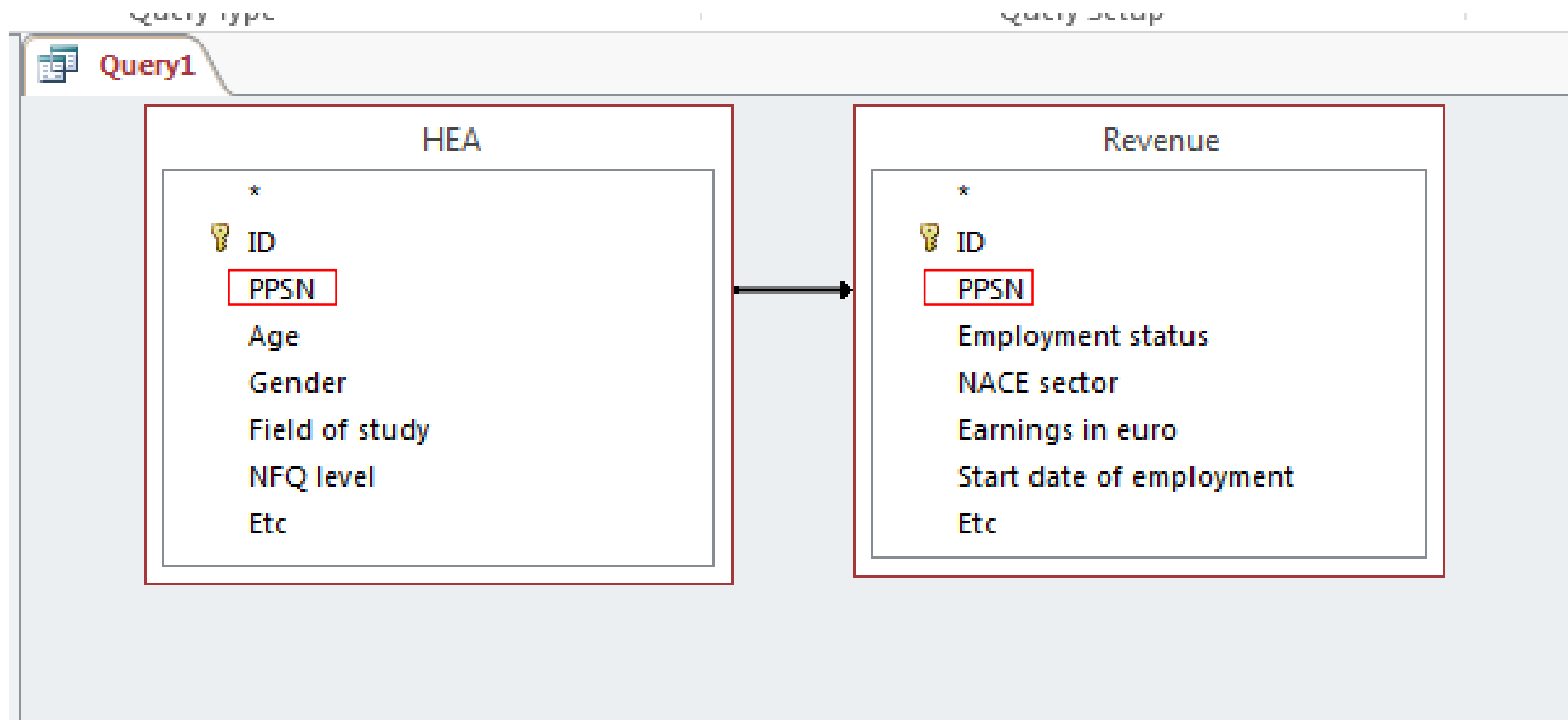


# Rent supplement recipients by type of dwelling

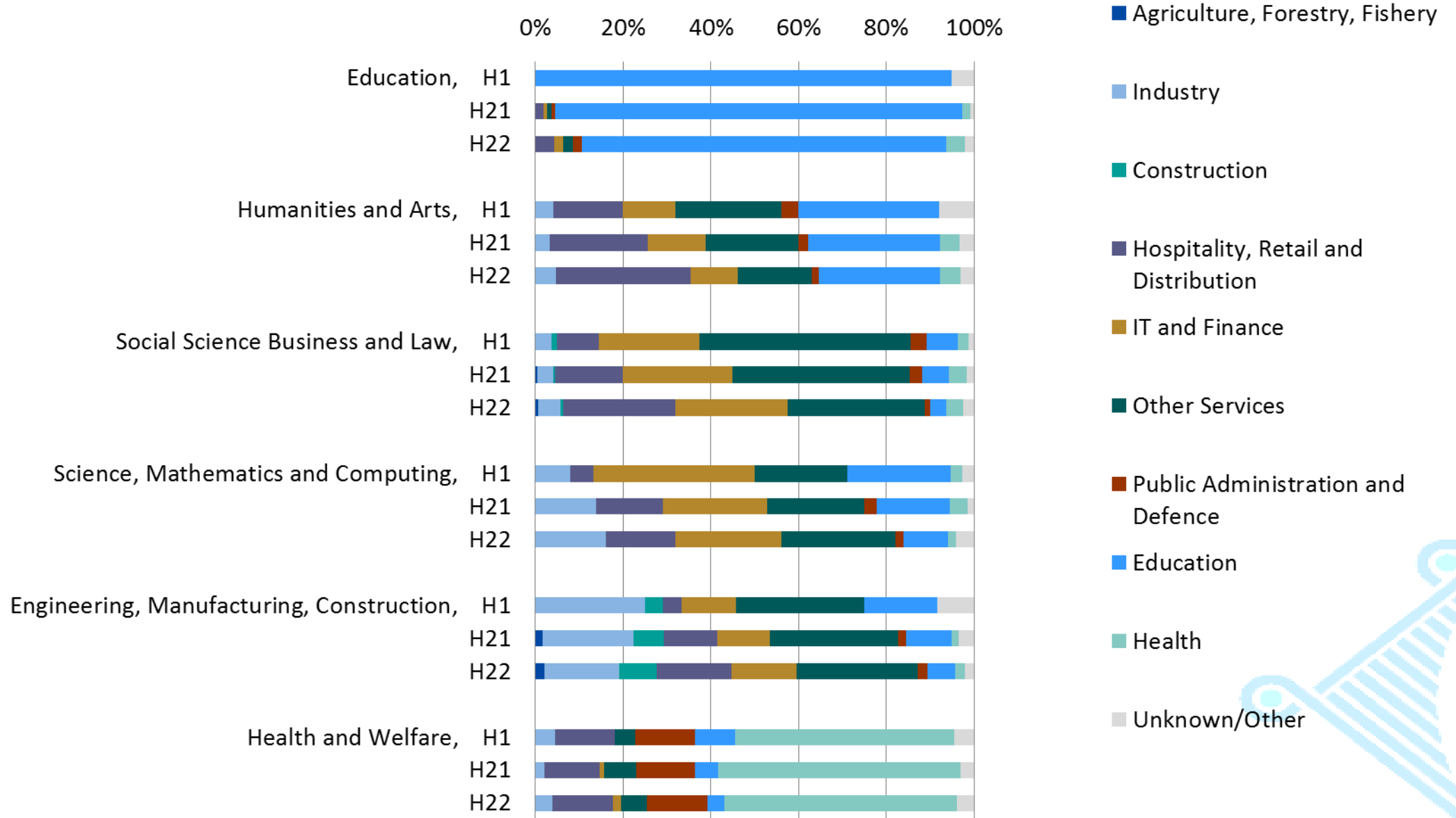




# Do higher education graduates work in sectors related to their field of study?



### Proportion of Substantially Employed Graduates



# Concluding remarks

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- We need to understand the concept and the potential of NDI
- We need to have specific questions to guide data analytics
- We need to incorporate the insights from data analytics in order to:
  - Drive efficiency and effectiveness in public service delivery
  - Make better decisions

