

# Pharma investments 2021

Pharma Industry Finland survey 2022

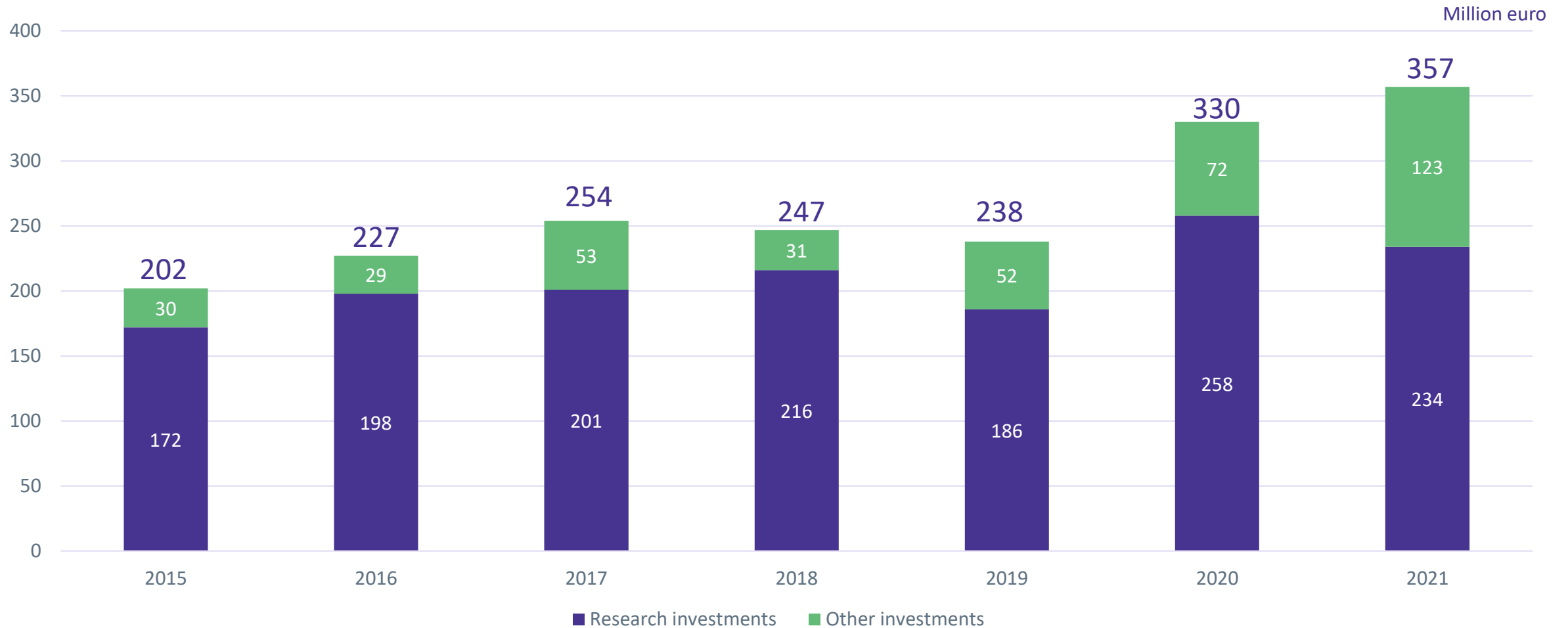
# Summary

- Pharmaceutical industry invested 357 million euro in Finland in 2021. Investments increased by 8 % (330 million euro in 2020)
- Pharmaceutical industry invested 234 million euro in research and development (-9%). One of the most important research area is clinical trials.
- In addition pharmaceutical industry invested 121 million euro on production (+80%). The investments had increased also in the previous years.
- Companies estimate that the annual investments will increase approximately 60 million euro in the coming two years.
- Also employment is increasing. Pharma companies employ approximately 6 000 highly educated persons (in 2020 employment was 6 100 persons). Collaboration with service providers 200 persons and healthcare employes indirectly over 800 persons.

# Pharma investments in 2021

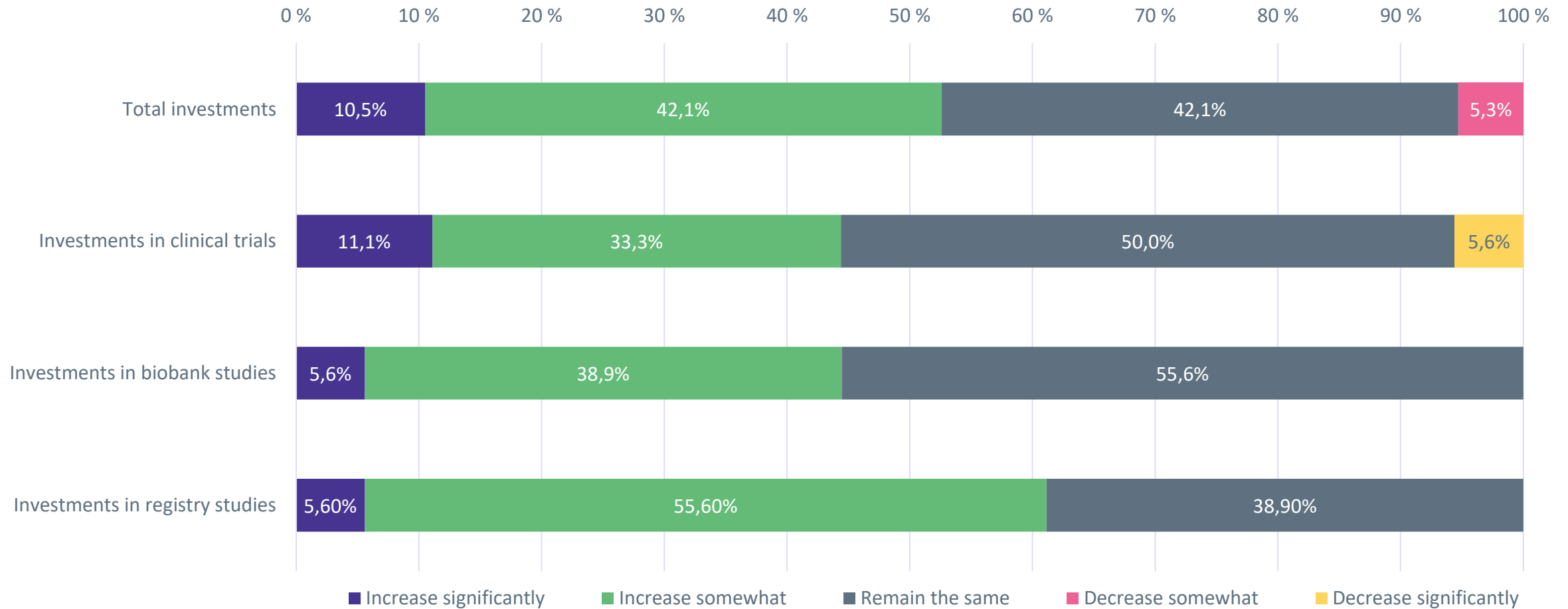
- Pharma companies invested in total 357 million euro (+8%) in Finland in 2021.
- Investments in research and development were
  - in total 234 million euro (-9%),
  - in registry studies 3.1 million euro (-29%),
  - in production 121 million euro (+80%).
- Pharma companies estimate 116 million euro increase in investments in the coming two years.
  - Companies estimate that their investments will increase 58 annually during the coming two years

# Pharma investments in Finland



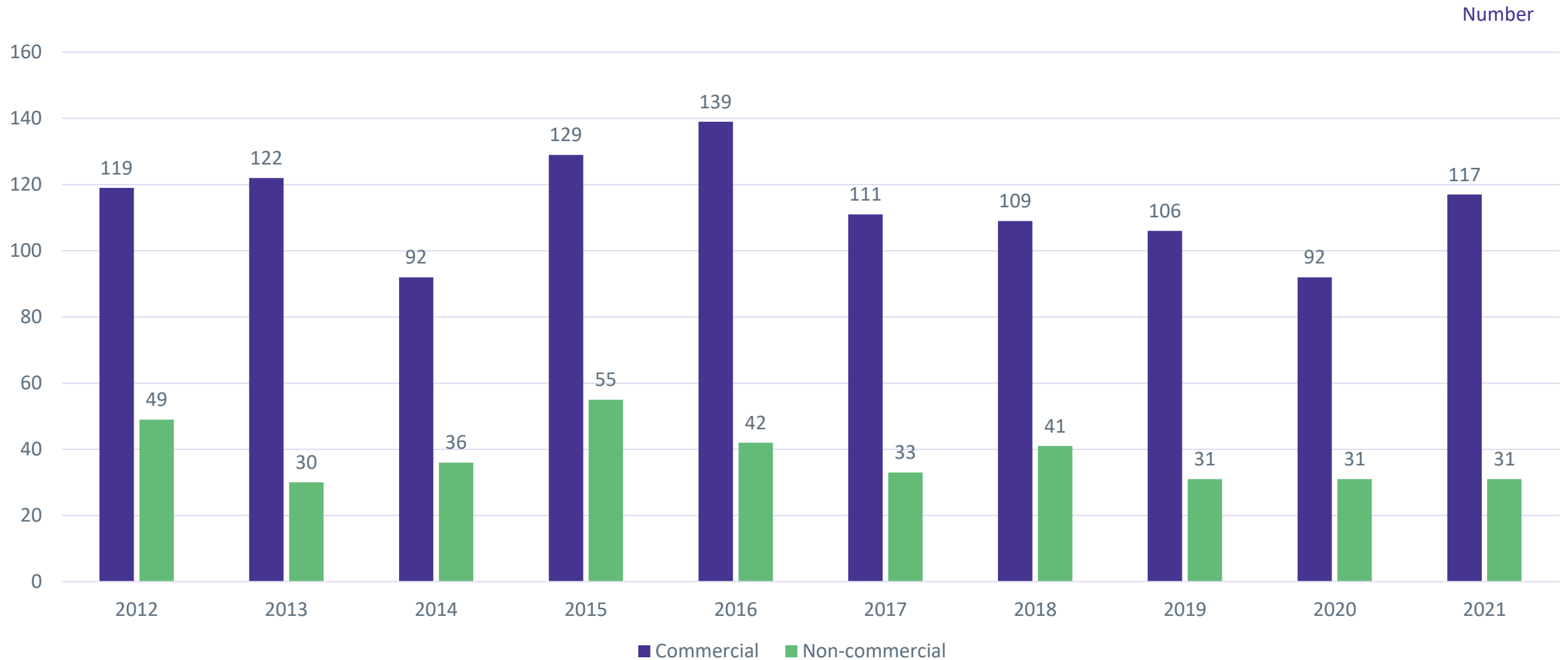
N=21

# Pharma companies investments in coming two years



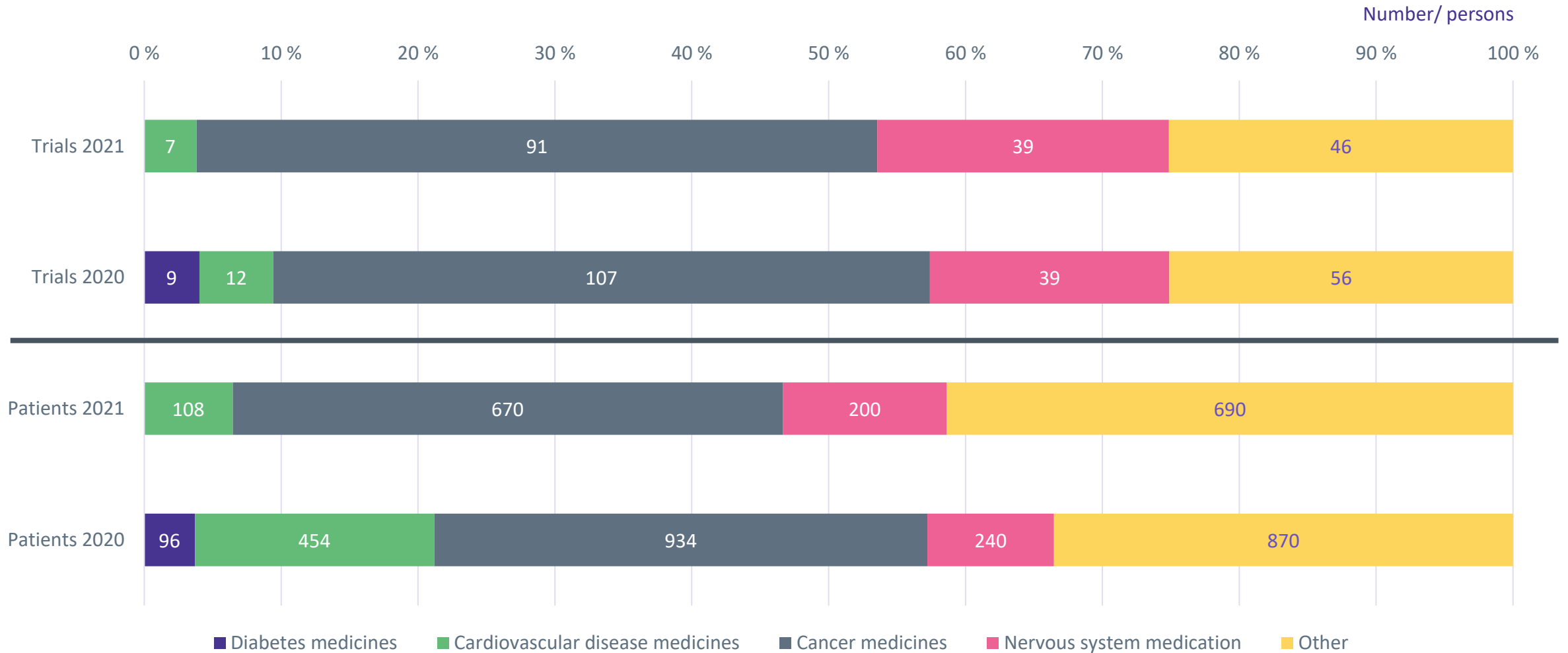
N=21

# Clinical trials notified to Fimea



# Number of trials and patients in Finland

clinical trials, vaccine trials are not included

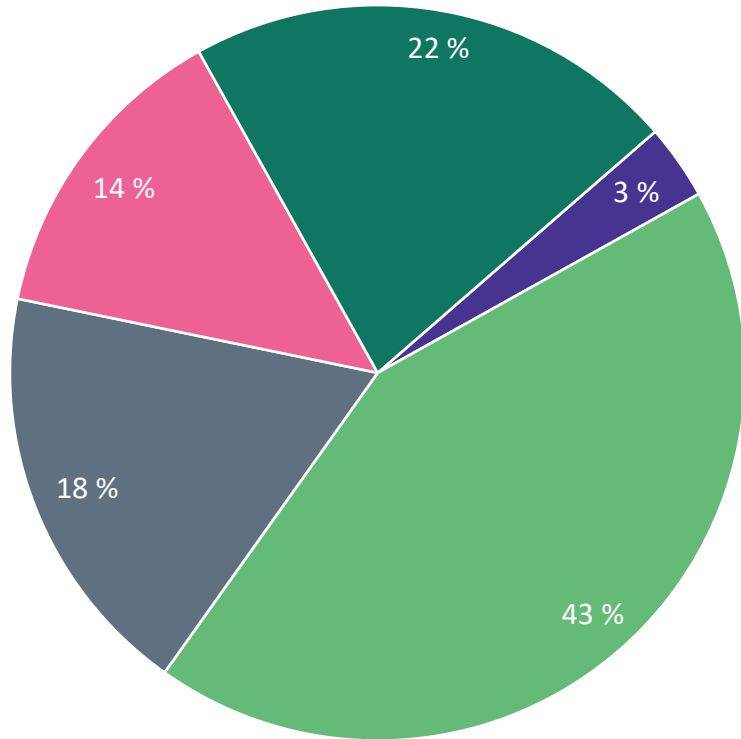


N=19

# Number of trials and patients in 2020

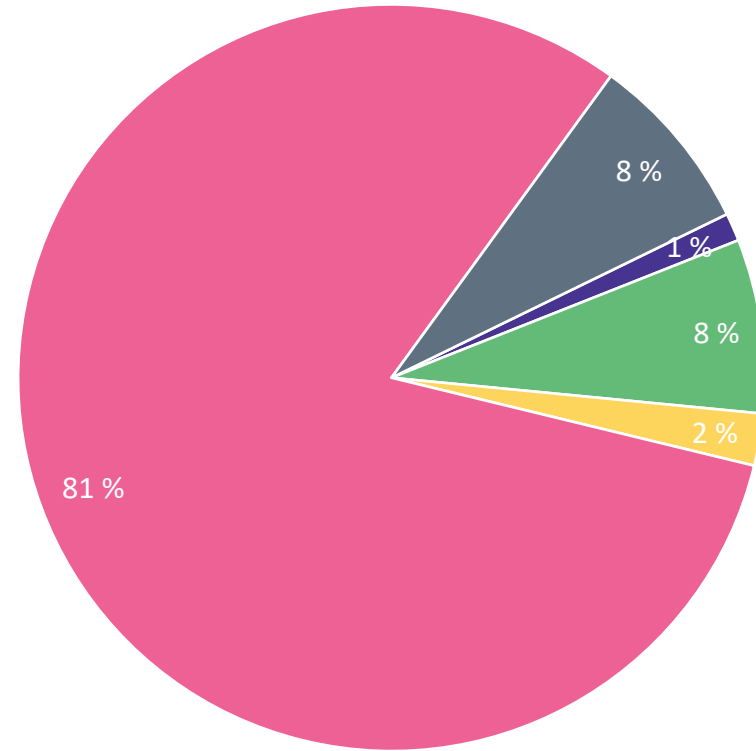
clinical trials and vaccine studies

## Ongoing clinical trials



- Cardiovascular medicines
- Nervous system medicines
- Other
- Cancer medicines
- Vaccines

## Number of trial subjects



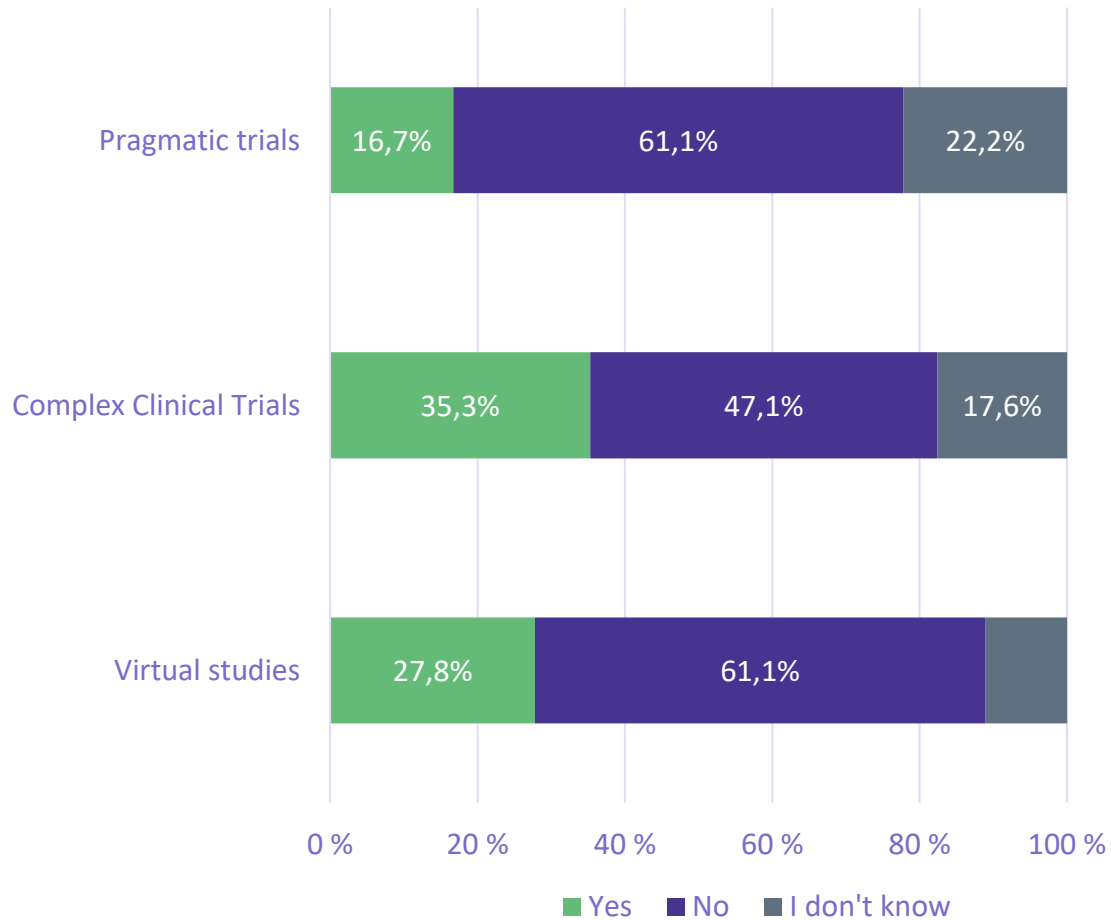
- Cardiovascular medicines
- Nervous system medicines
- Other
- Cancer medicines
- Vaccines

N=19

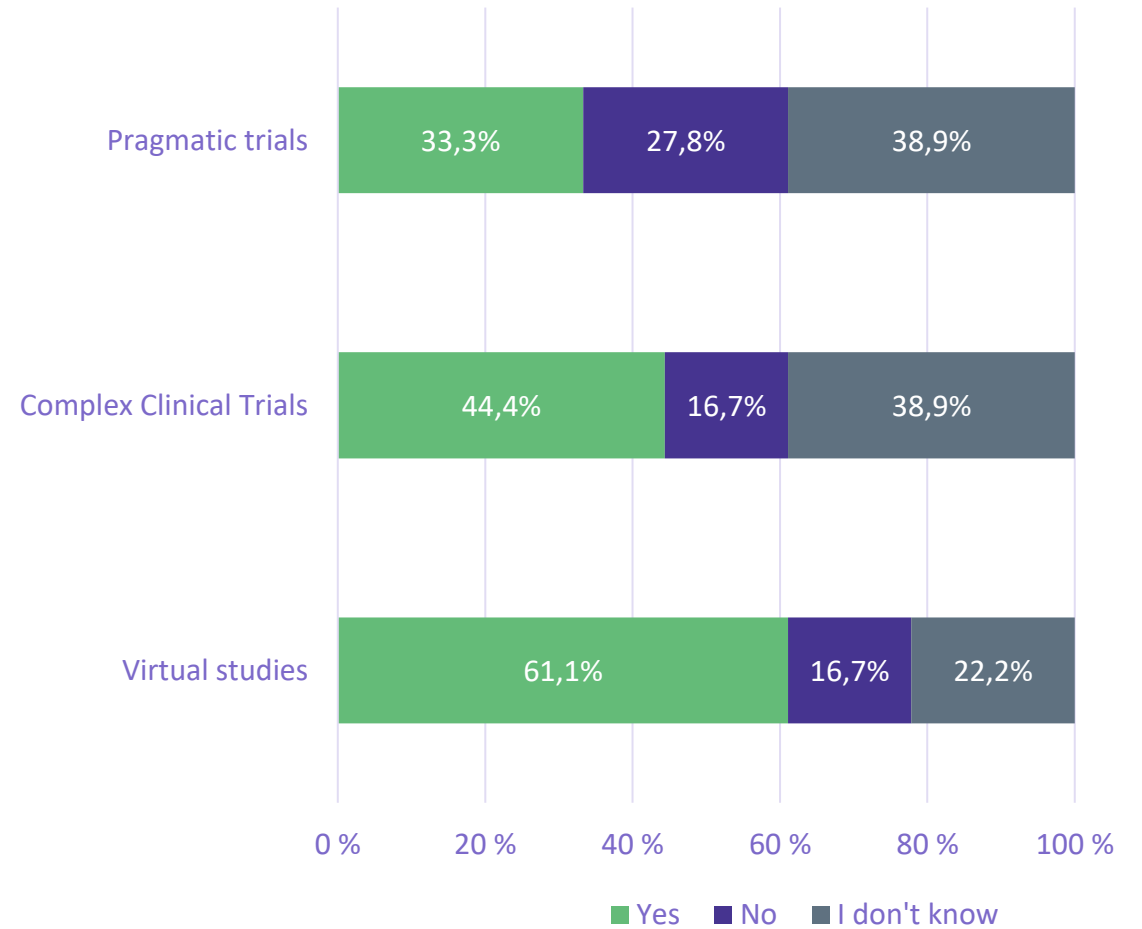


# New study design

Company already has conducted...



Company has considered...

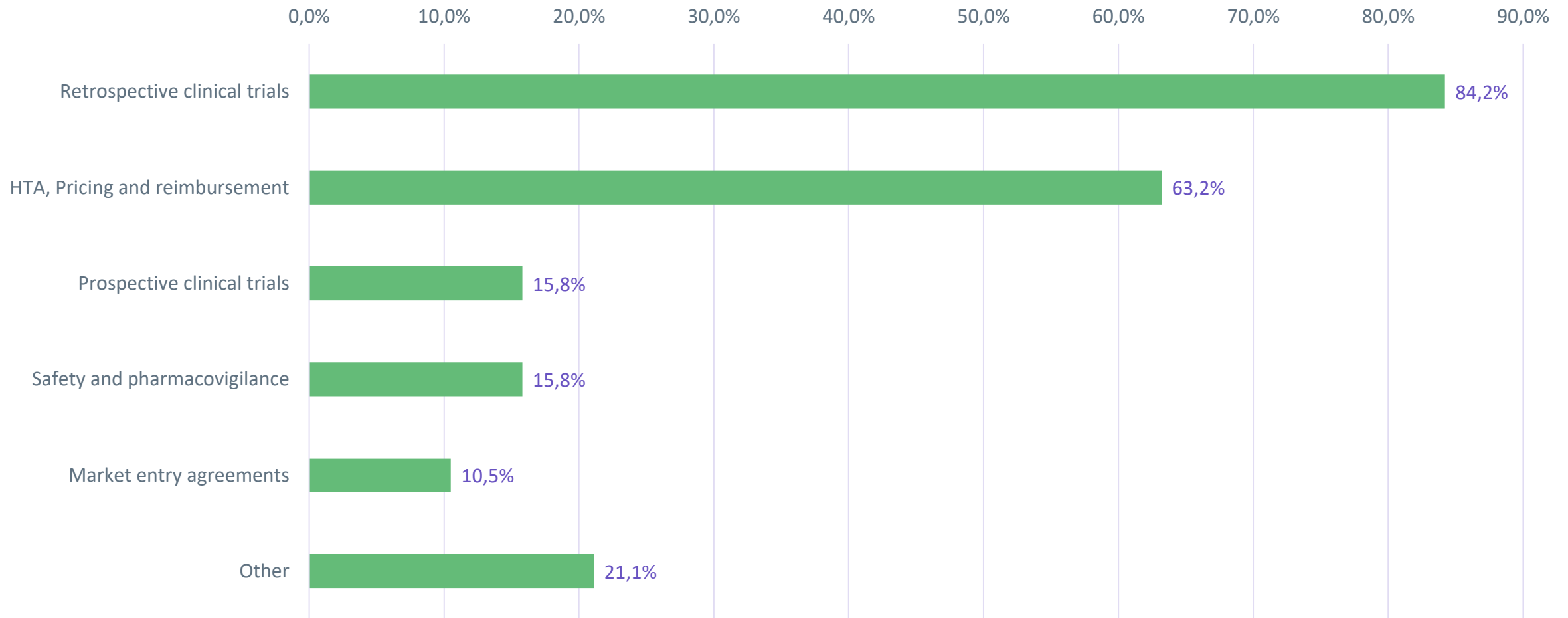


N=18

# Registry studies in Pharma Companies

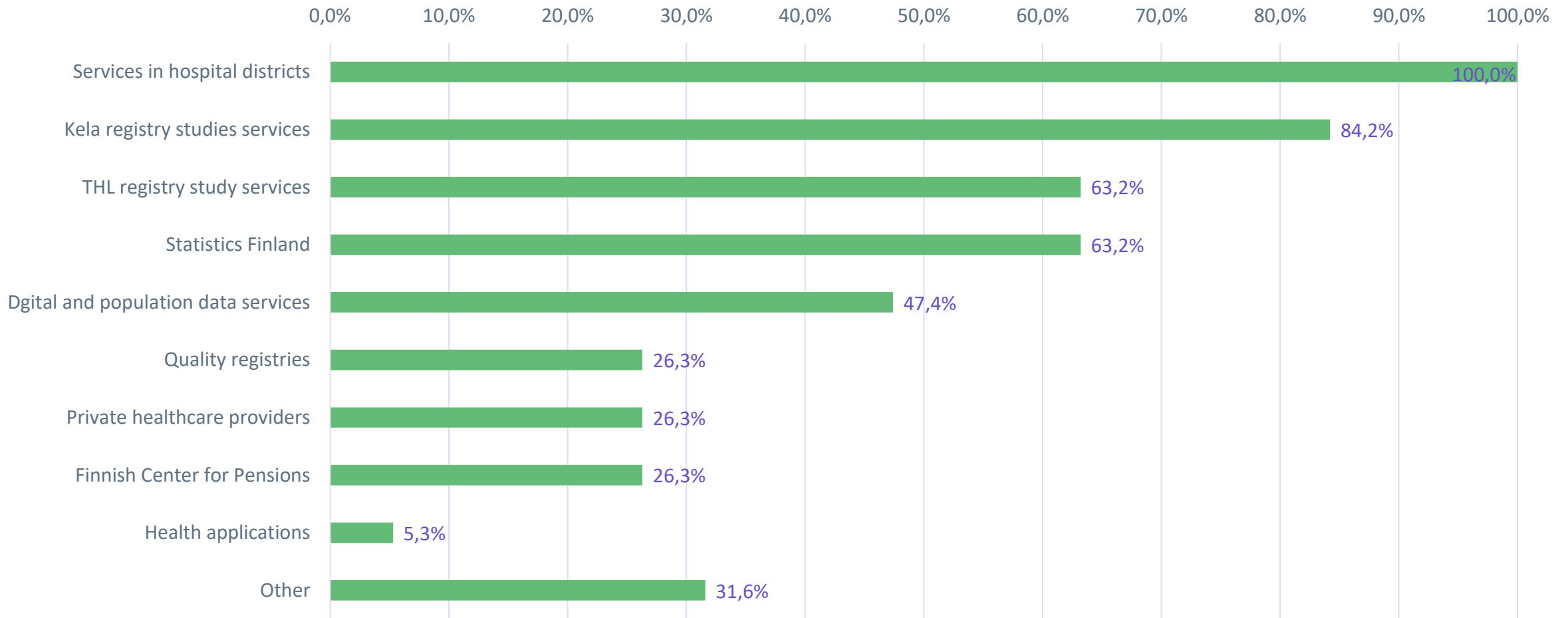
- Of participating companies 100% had conducted registry studies during 2021 in Finland.
- Pharma companies invested in registry studies 3.4 million euro.
  - As Findata started full operations the number of applications increased significantly during 2020.
- Companies had 17 new registry studies during 2021.
- Pharma companies employed over 100 persons working with registry studies. The number has increased significantly only in two-three years.
- During 2021 pharma companies published almost 20 peer reviewed articles based on registry studies.

# Pharma company registry studies in Finland



N=19

# Registry sources used in different studies



N=19