

Pharma investments 2020

Pharma Industry Finland survey 2021

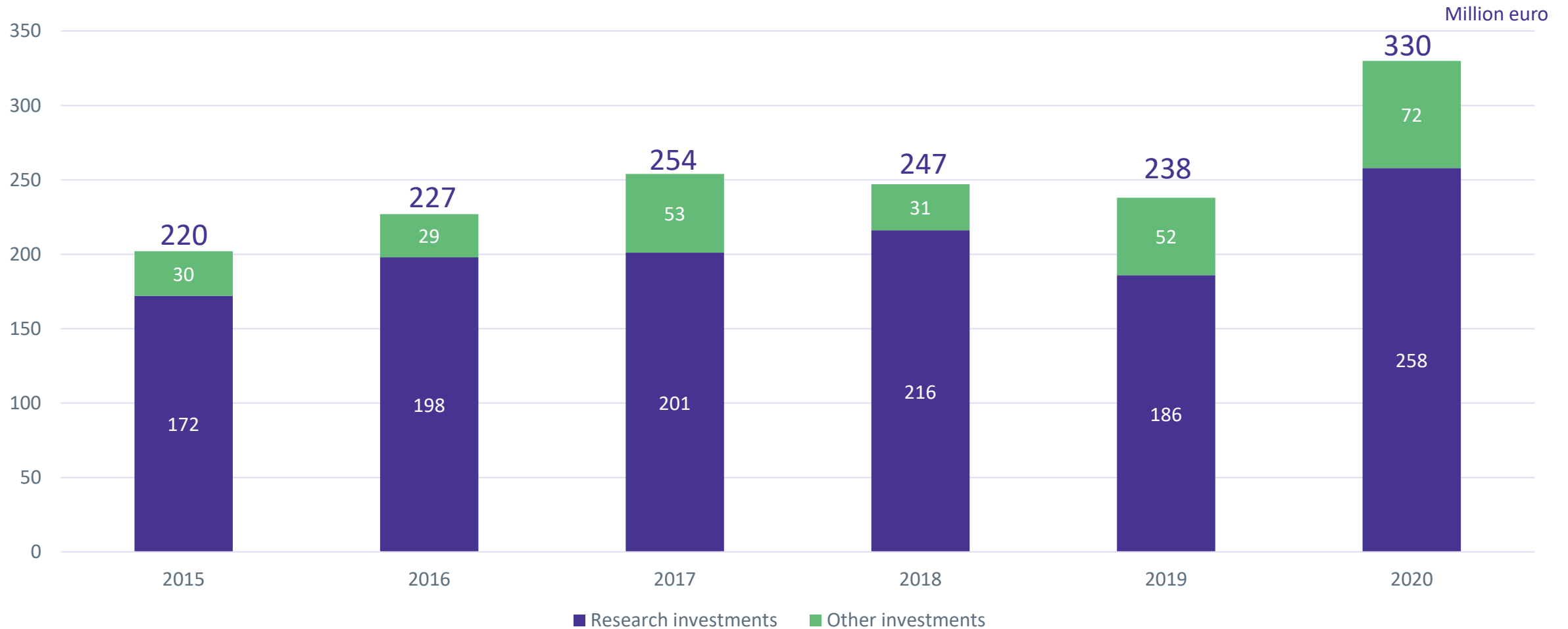
Summary

- Pharmaceutical industry invested 330 million euro in Finland in 2020. Investments increased by 39% (238 million euro in 2019)
- Pharmaceutical industry invested 258 million euro in research and development (+39%). One of the most important research area is clinical trials.
- In addition pharmaceutical industry invested 67 million euro on production (+29%). The investments had increased also in the previous year.
- Companies estimate that the annual investments will increase approximately 113 million euro in the coming two years.
- Also employment is increasing. Pharma companies employ approximately 6 200 highly educated persons (in 2019 employment was 5 700 persons). Collaboration with service providers 200 ftp and healthcare employes indirectly over 1 000 persons. The number has increased significantly as in 2019 companies employed indirectly 600 persons in healthcare.

Pharma investments in 2020

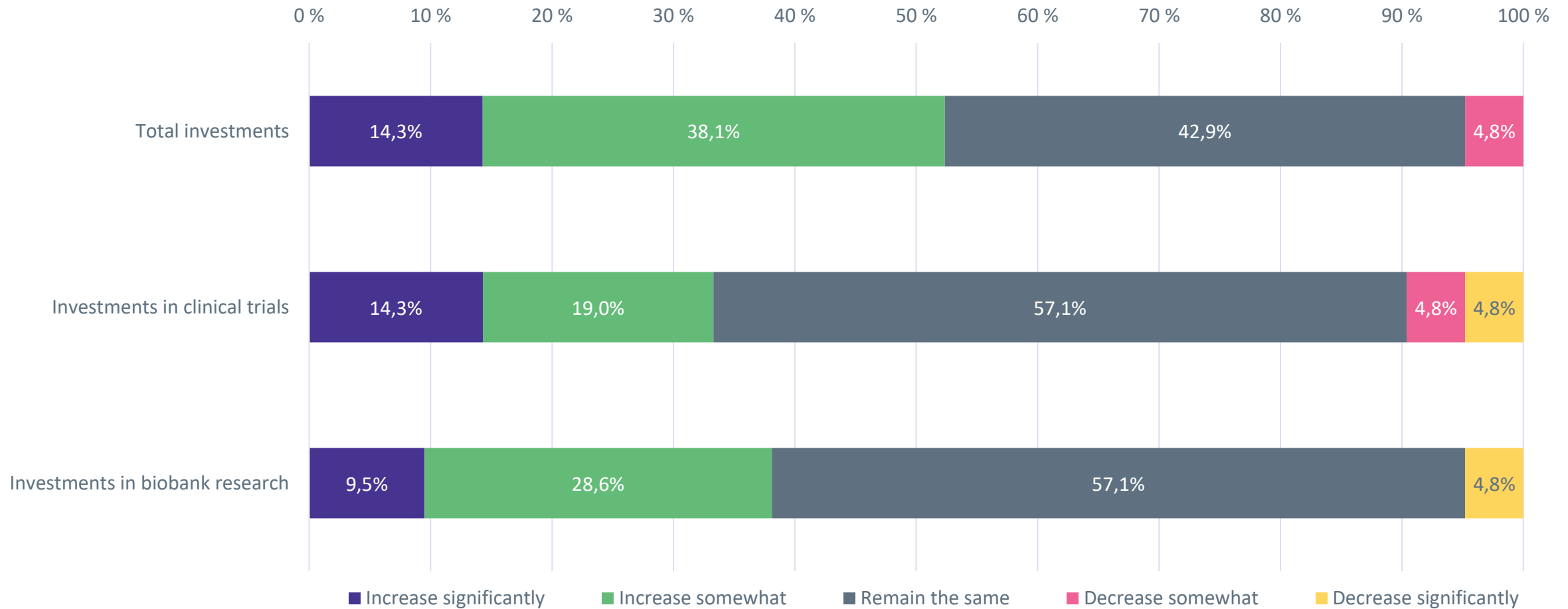
- Pharma companies invested in total 330 million euro (+39%) in Finland in 2020.
- Investments in research and development were
 - in total 258 million euro (+39%),
 - in registry studies 5.7 million euro (+112%),
 - in production 67.4 million euro (+29%).
- Pharma companies estimate over 227 million euro increase in investments in the coming two years.
 - Companies estimate that their investments will increase 113 annually during the coming two years
- Pharma companies employ 6 200 persons. Approximately 950 persons is working in research and development and 2 900 persons in production and quality.
 - Pharma companies bring approximately 140 ftp to service providers and companies have employed nearly 100 persons working with registry studies.
 - Over 1000 healthcare professional work with clinical trials.

Pharma investments in Finland



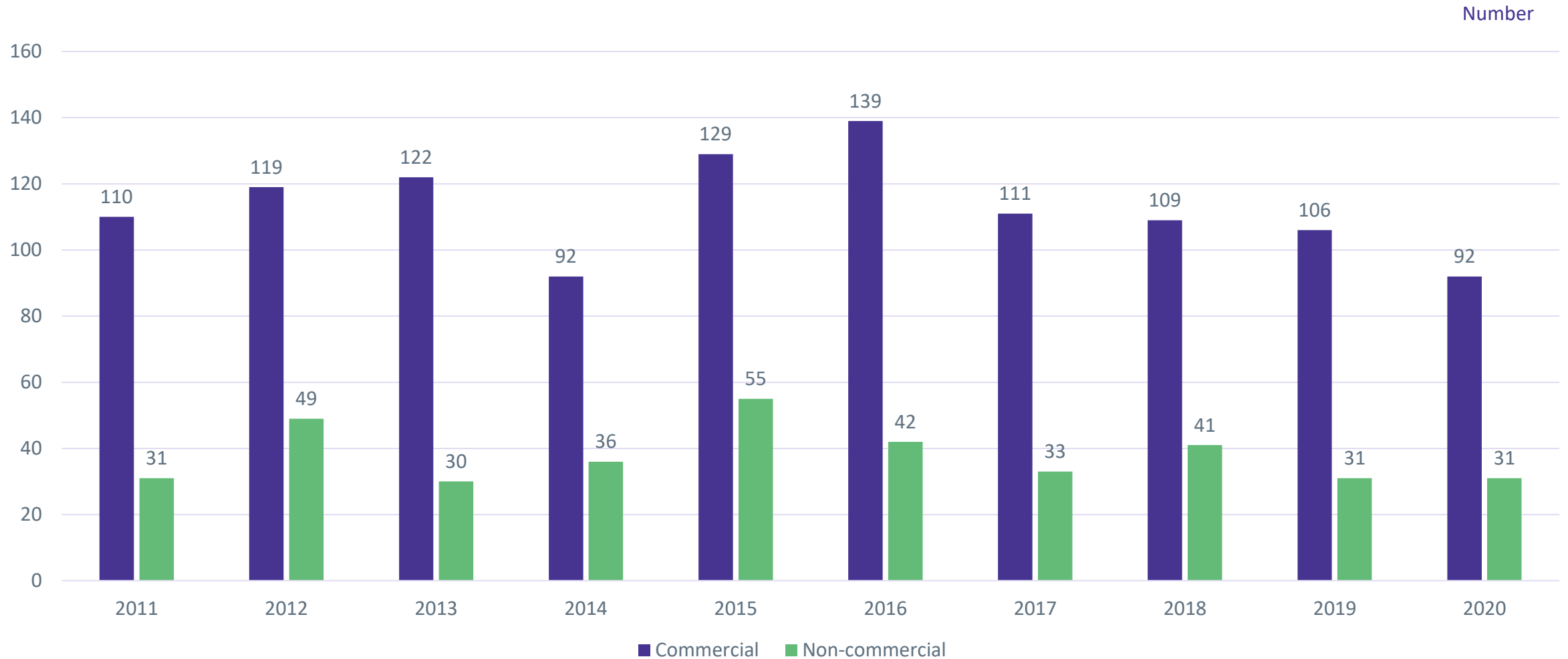
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Pharma companies investments in coming two years



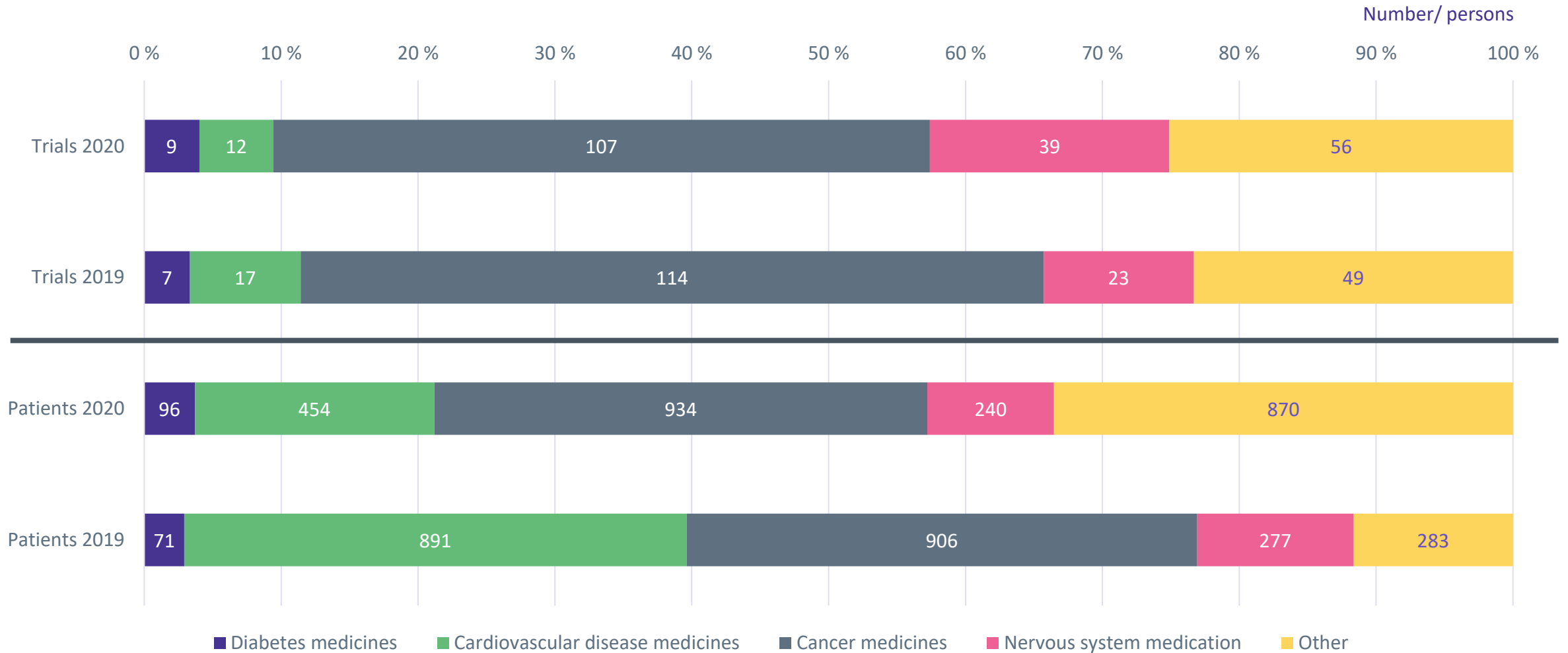
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Clinical trials notified to Fimea



Number of trials and patients in Finland

clinical trials, vaccine trials are not included

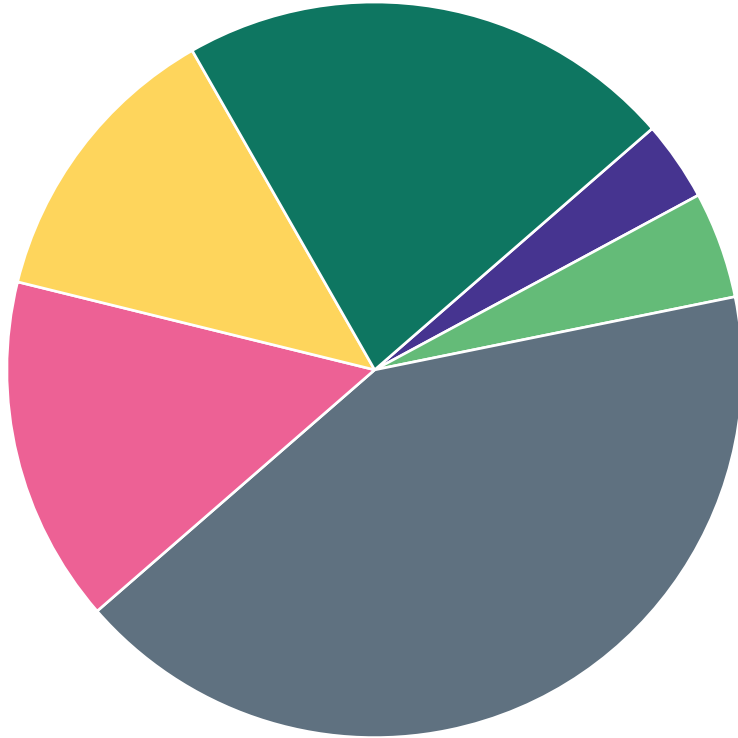


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Number of trials and patients in 2020

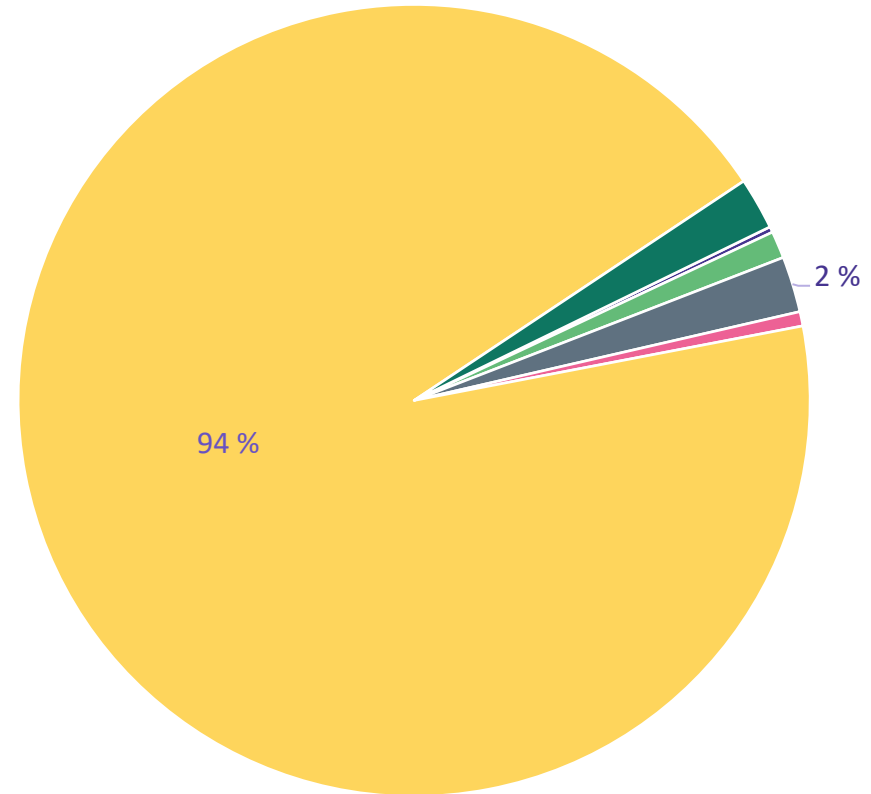
clinical trials and vaccine studies

Ongoing clinical trials



■ Diabetes medications
 ■ Cardiovascular medicines
 ■ Cancer medicines
■ Nervous system medicines
 ■ Vaccines
 ■ Other

Number of trial subjects

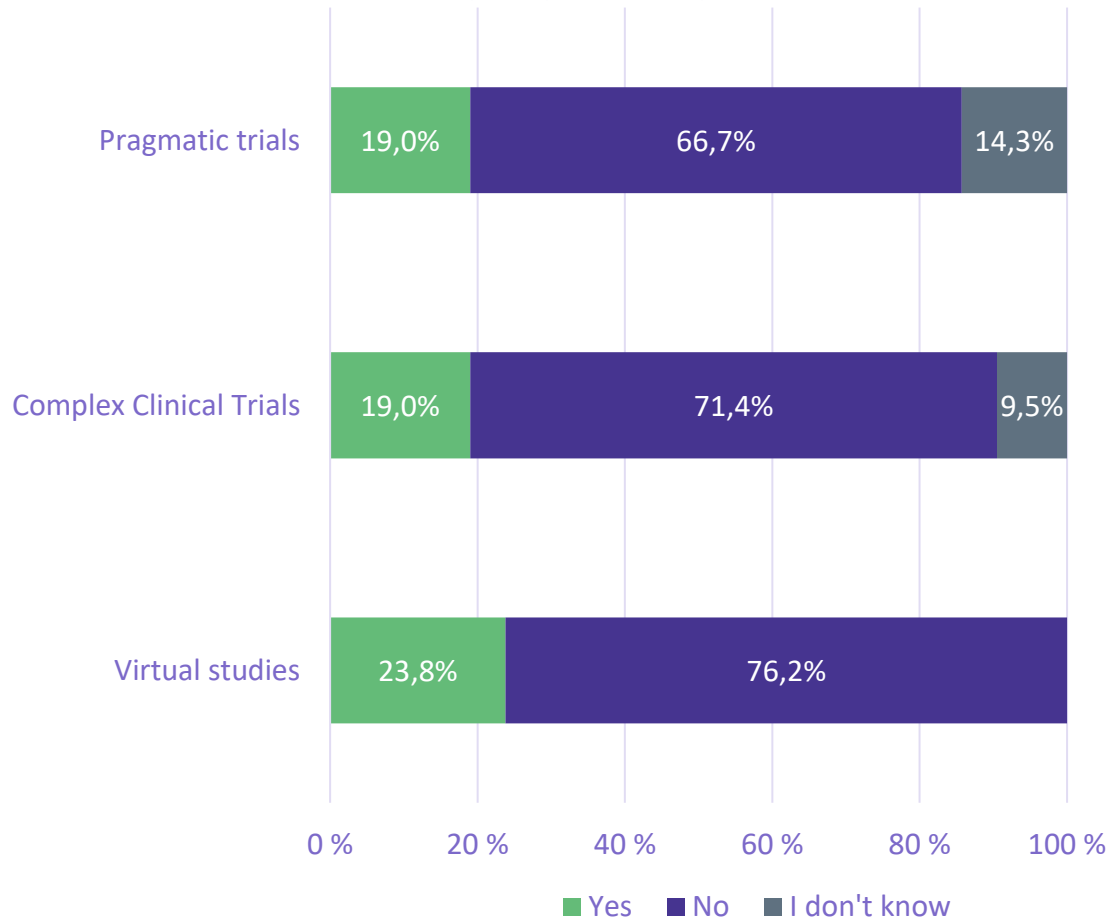


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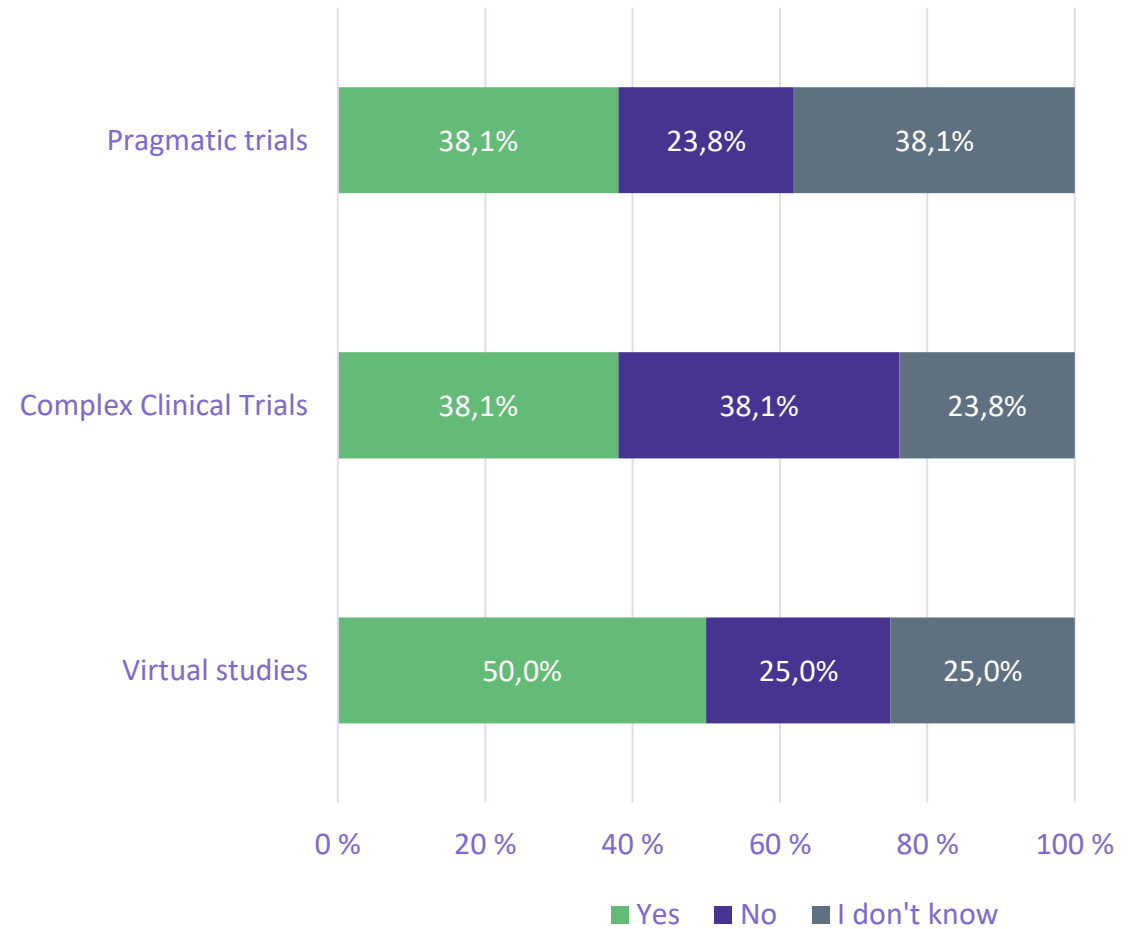
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New study design

Company already has conducted...

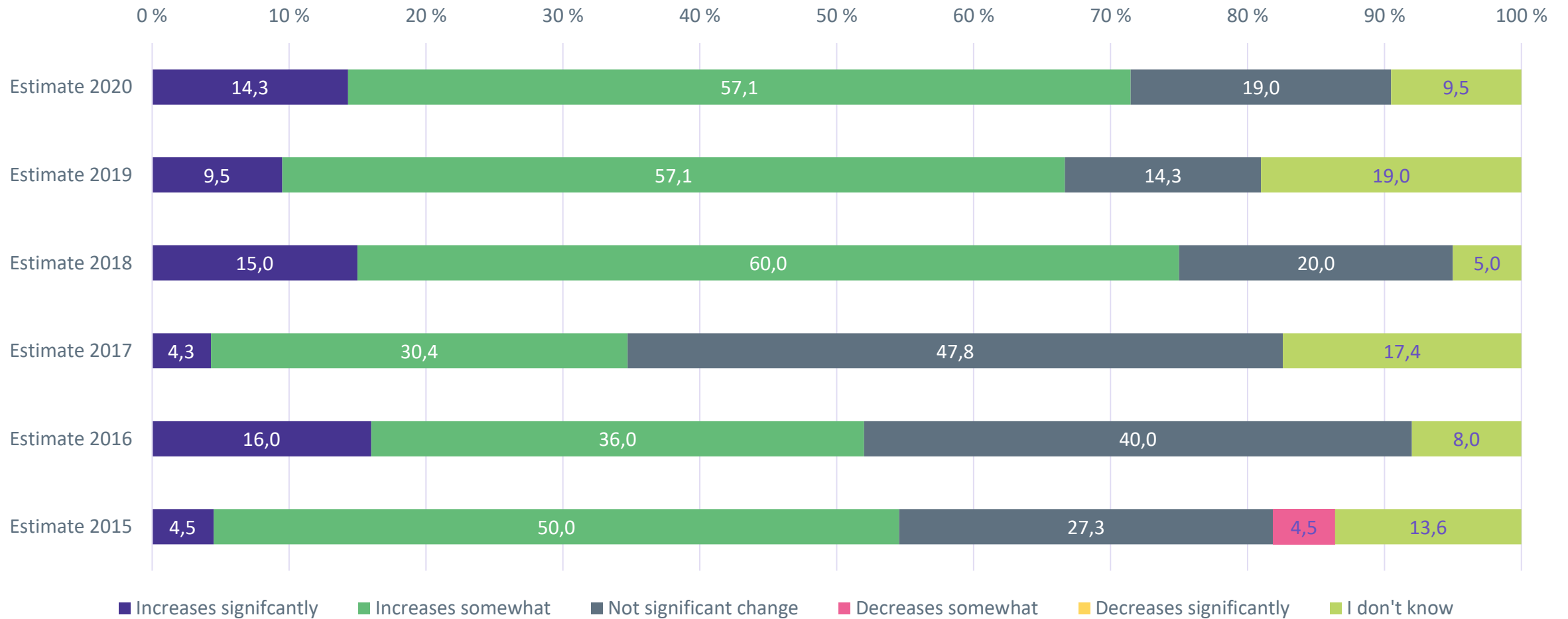


Company has considered...



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Company expectations on number of registry studies in coming two years



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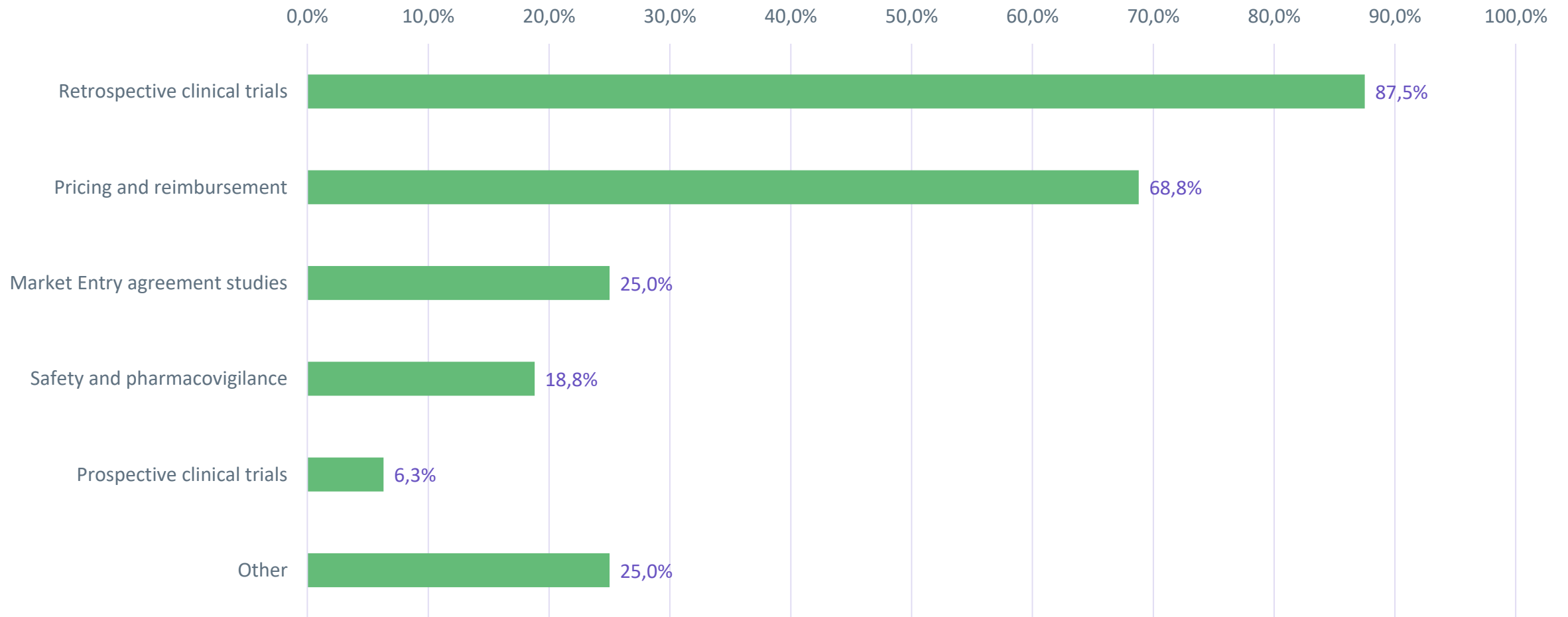
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• Pharma Industry Finland 2021

Registry studies in Pharma Companies

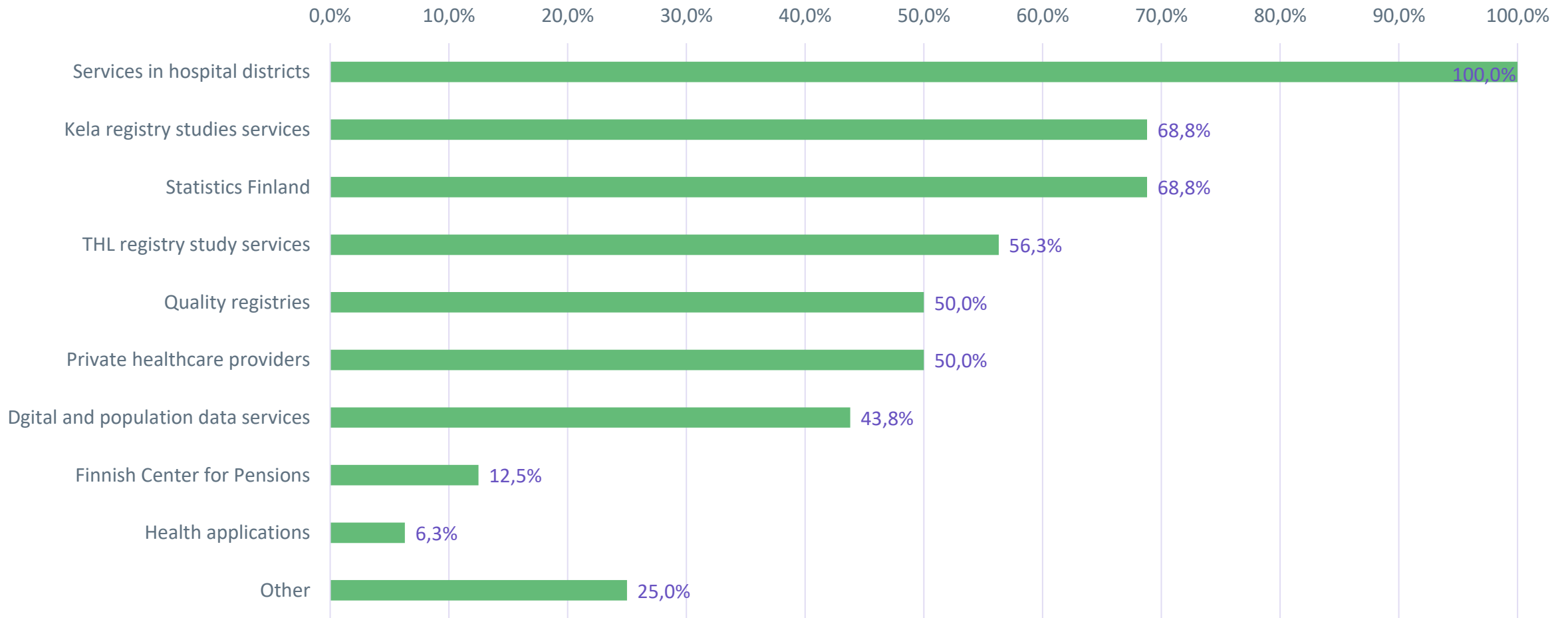
- Of participating companies 76% had conducted registry studies during 2020 in Finland.
- Pharma companies invested in registry studies 5,7 million euro. The amount approximately doubled in one year (2,5 million euro in 2019).
 - Investments increased significantly even though Findata was still building up their processes during 2020.
- Companies had over 60 registry studies ongoing during 2020.
- Pharma companies employed over 90 persons working with registry studies. The number has increased significantly only in two-three years.
- During 2020 pharma companies published almost 20 peer reviewed articles based on registry studies.

Pharma company registry studies in Finland



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Registry sources used in different studies



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