



EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL



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Experimental Statistics in Finland: A Review of the First Five Years

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The conference is partly
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Statistics Finland: Experimental statistics

- First experimental statistics was published in 2018
- 18 experimental statistics in 2024
 - New experimental statistics in 2024 provide information on the effects of enterprises' innovation activities, household energy consumption, and economy of wellbeing services counties
- New innovative solutions
 - Micro-data linking
 - Utilization of location data
 - New data sources: web-scraping, data owned by private companies, big data
 - Use of register data to speed up production of statistics
 - New modelling and estimation techniques
- Why published as experimental statistics?
 - New content of statistics and related development work
 - Dialogue with users on potential quality problems and user needs
 - Application of new data sources data and methods
 - One-off data collection and publication with data tables
 - Other benefits compared to official statistics

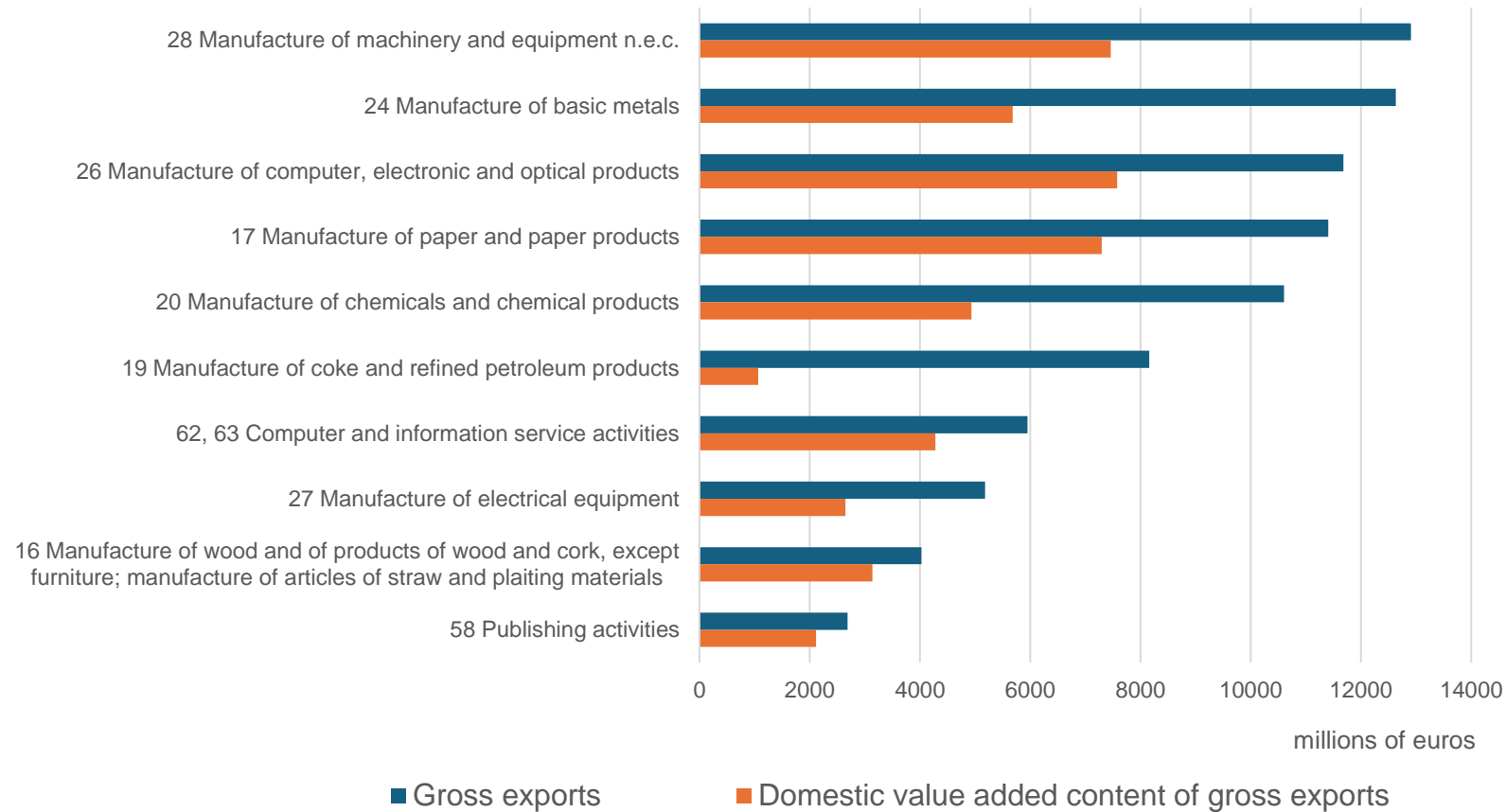


Experimental statistics on economy and globalization in 2024

Name	Frequency	New content	Timeliness
Trend indicator of output	Monthly		X
Investments of enterprises	Quarterly	X	X
Ownership changes of enterprises	Annually	X	
Innovations of enterprises	Annually	X	
High-growth enterprises	Annually	X	
Renovation price index	Bi-annually	X	
Income, costs and debt of wellbeing services counties	Annually	X	
Trade in value added	Annually	X	X
Global value chains	Every 3 years	X	



Finland's exports in 2022





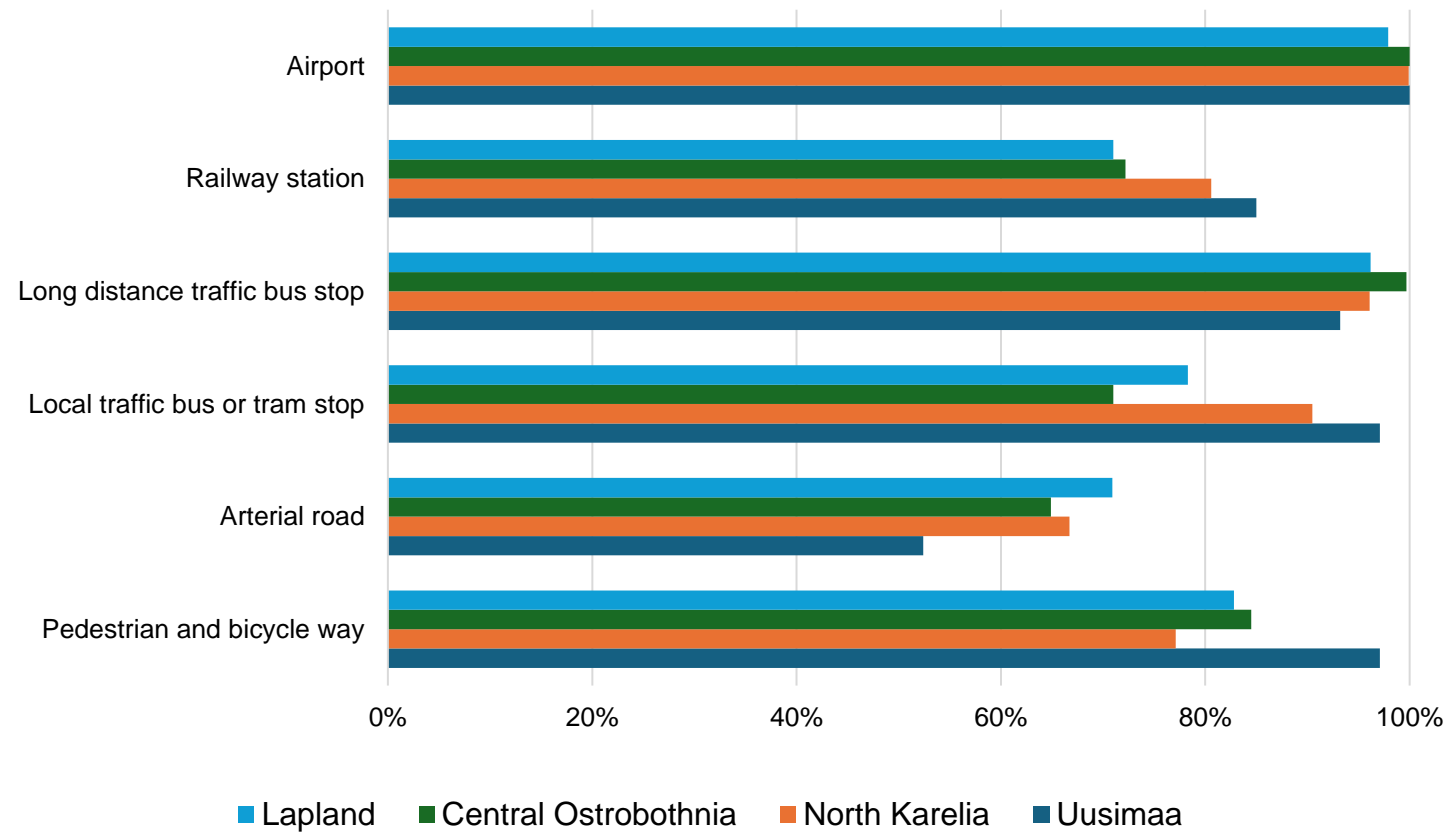
Experimental statistics on population and society in 2024

Name	Frequency	New content	Timeliness
Inheritances and gifts	Annual	x	
Wages and salaries	Monthly		x
The main activity of population	Annual	x	x
The main activity of population	Monthly		x
Electricity consumption of households	Annual	x	
Apartment sales and rental announcements	Monthly	x	x
Use of rental cottages	Semi-Annual	x	
Traffic network coverage	Annual	x	
Traffic accidents with game animals	Annual	x	



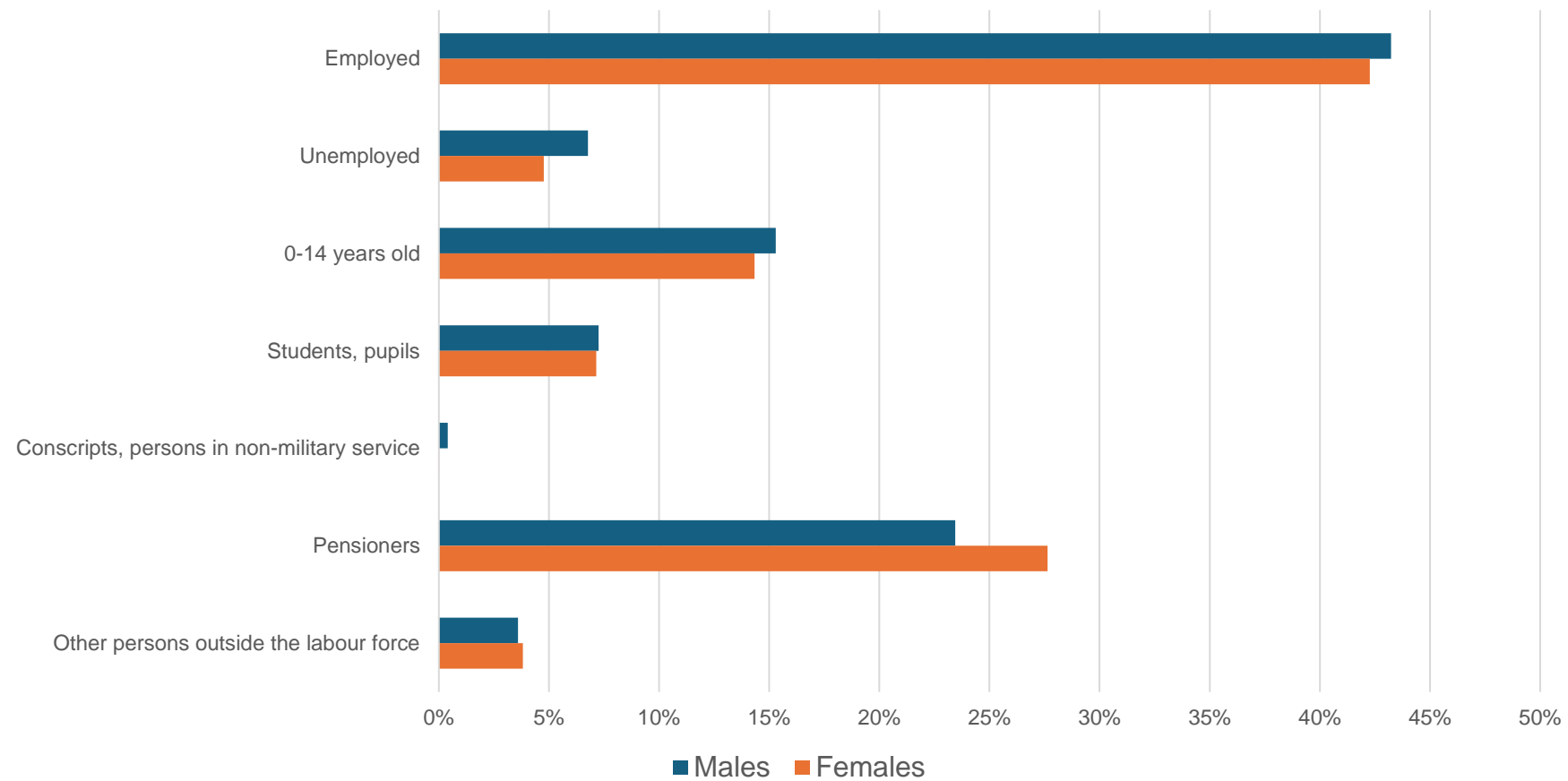
Finland's traffic network coverage by area in 2022

(% of population within a pre-defined time limit)





Population by main type of activity in January 2024, (%)





A way forward with experimental statistics

- Users have warmly welcomed experimental statistics in Finland
- Quality of experimental statistics is high and almost comparable to official statistics
- Slow maturing from experimental to official statistics does not fully correspond the initial idea of statistics under development
- In the near future the plan is to integrate experimental and official statistics under the same publication system and process
- Prioritization must be conducted due to the resource constraints
- Cooperation with stakeholders could open up new opportunities for experimental statistics

Thank you!



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