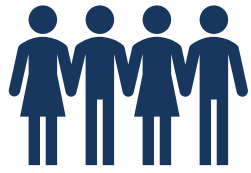


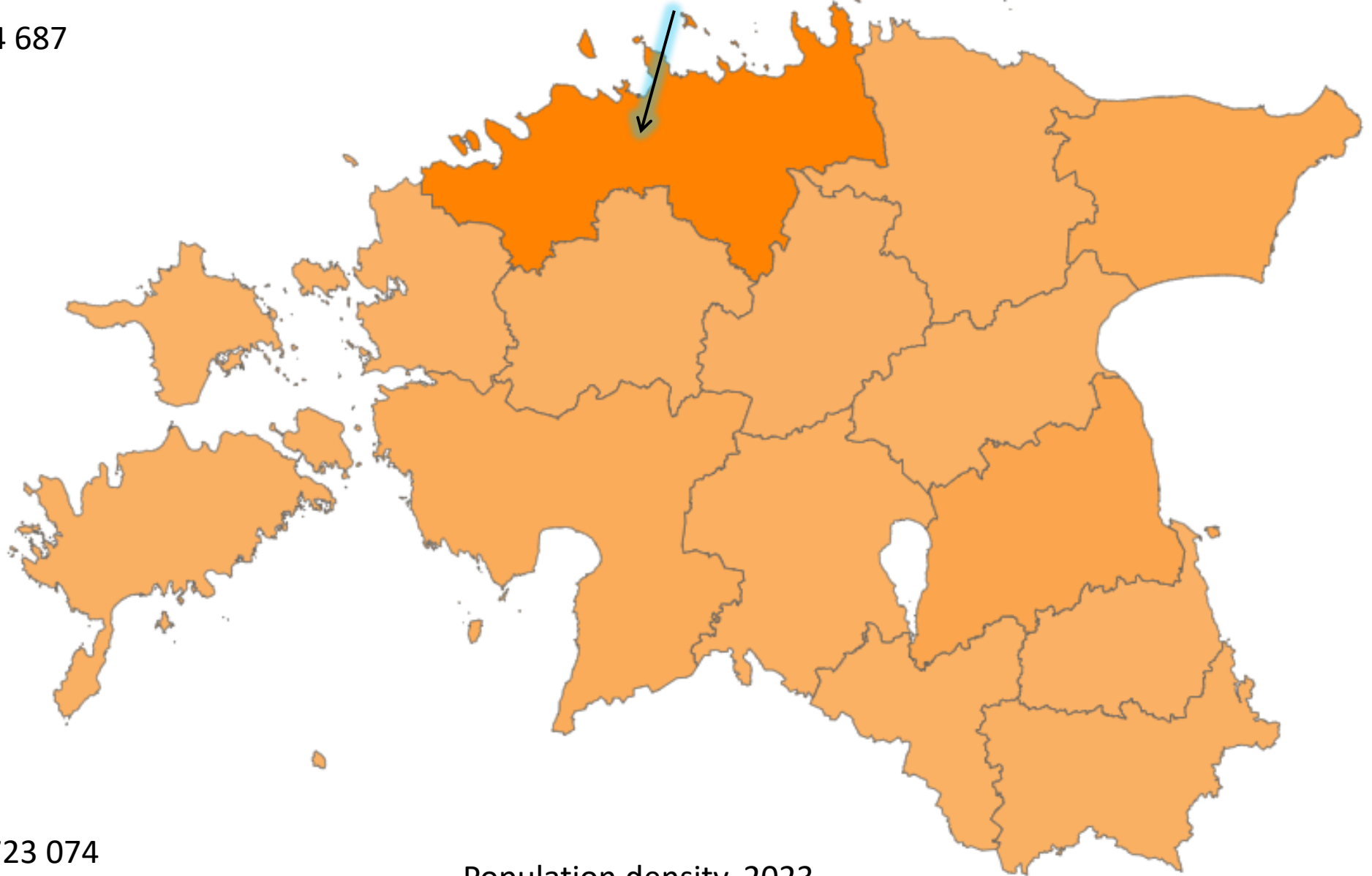
A photograph of a misty forest path. The path is dirt and leads into the distance, flanked by tall, thin trees. Sunlight filters through the canopy, creating a soft, ethereal atmosphere. The bottom of the image is cut off by a white, torn-paper-like edge.

Addressing Regional Health Disparities: Estonia's Approach to Burden of Disease Studies



1 374 687

47% of the population lives in this county



651 613



723 074

Population density, 2023



**REGIONAL
DISPARITIES**



**Aging
Population**



**Mental health
issues**



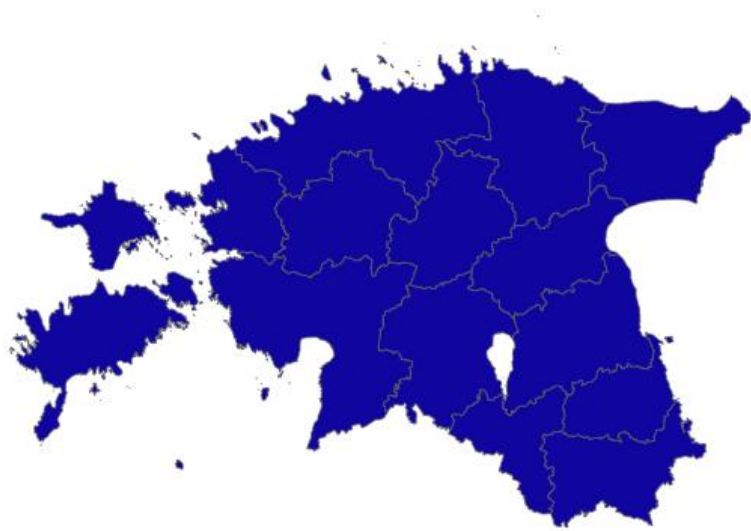
**Lifestyle
diseases**



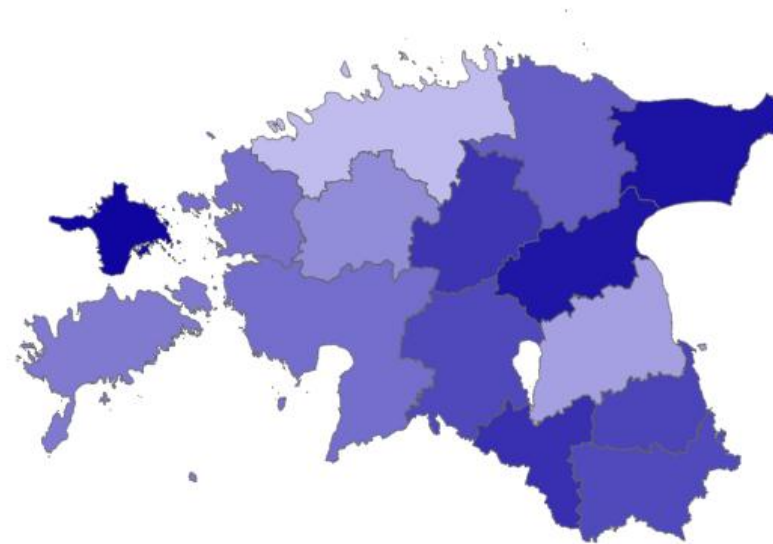
**Health
inequalities**



Digital Health



GBD data about the burden
of disease in Estonia



Estonia's approach to the
burden of disease
calculations

GBD standard life table:

- Derived from the longest-lived populations
- Applied uniformly across all countries
- Ensures comparability



GBD standard life table:

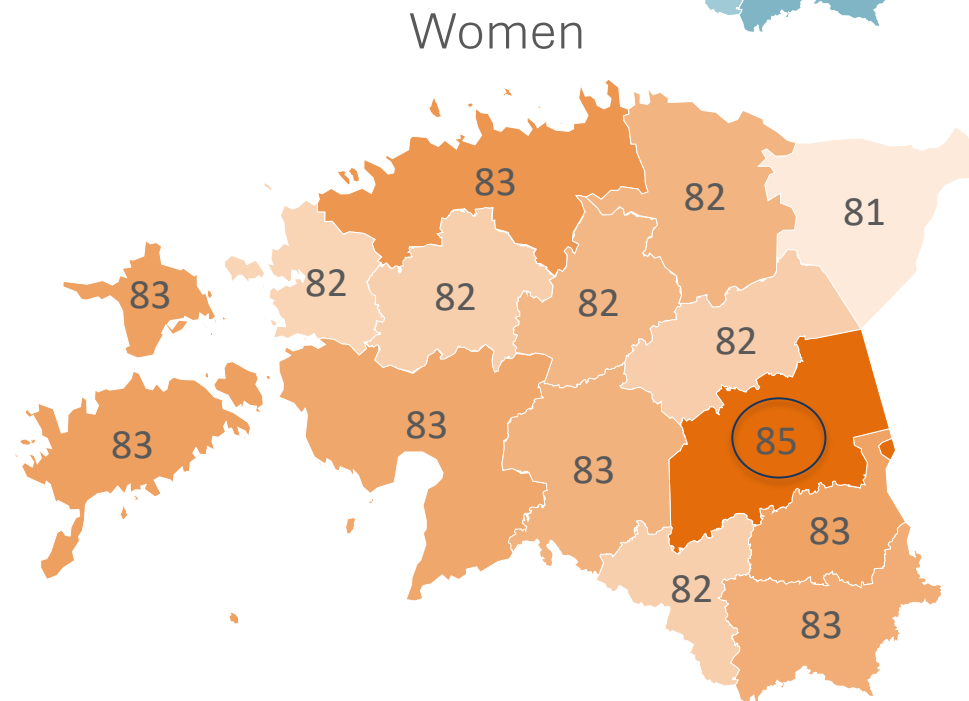
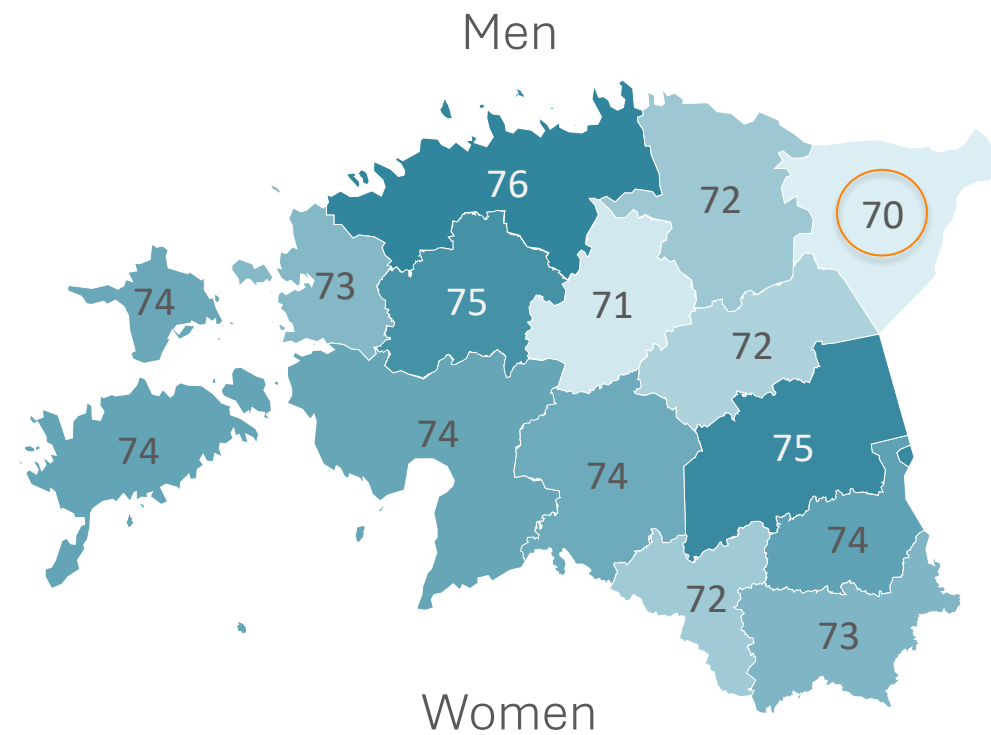
- Derived from the longest-lived populations
- Applied uniformly across all countries
- Ensures comparability

Statistics Estonia life table:

- calculated based on mortality rates of the relevant year
- calculated separately for males and females and age groups
- calculated by place of residence

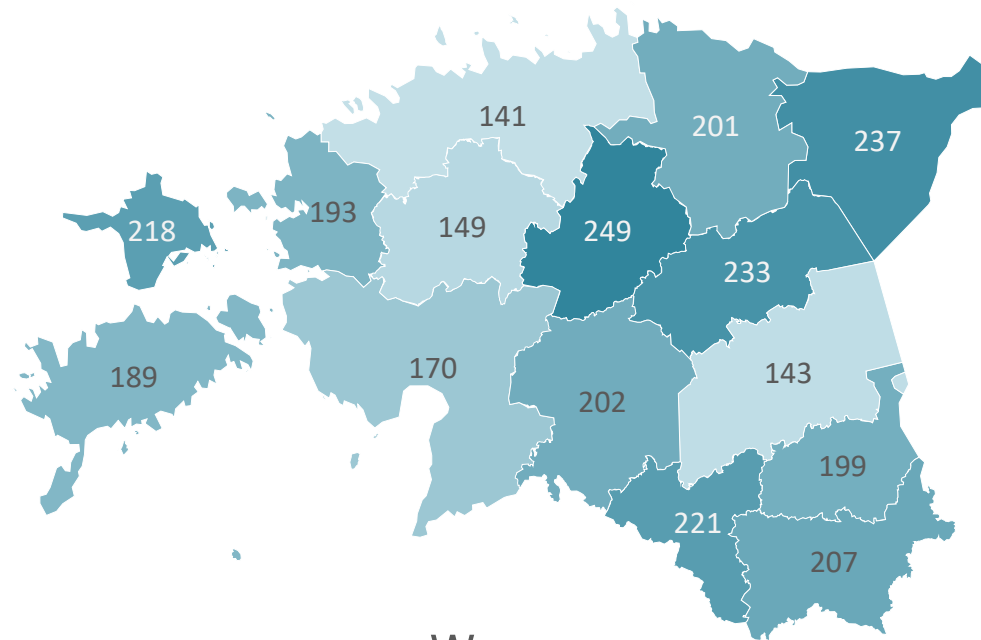


Life expectancy
in different
counties...

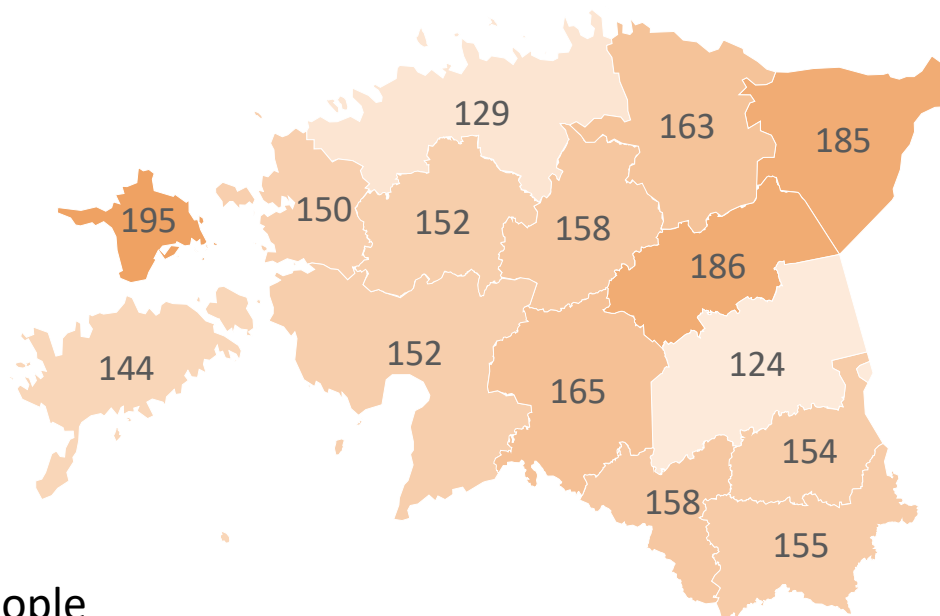


...leads to significantly different YLL results across various counties

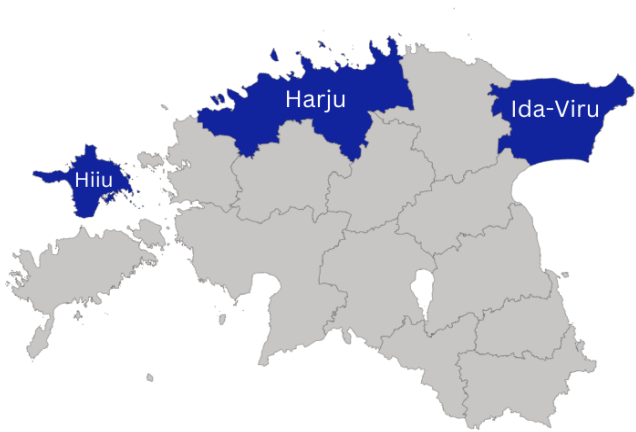
Men



Women

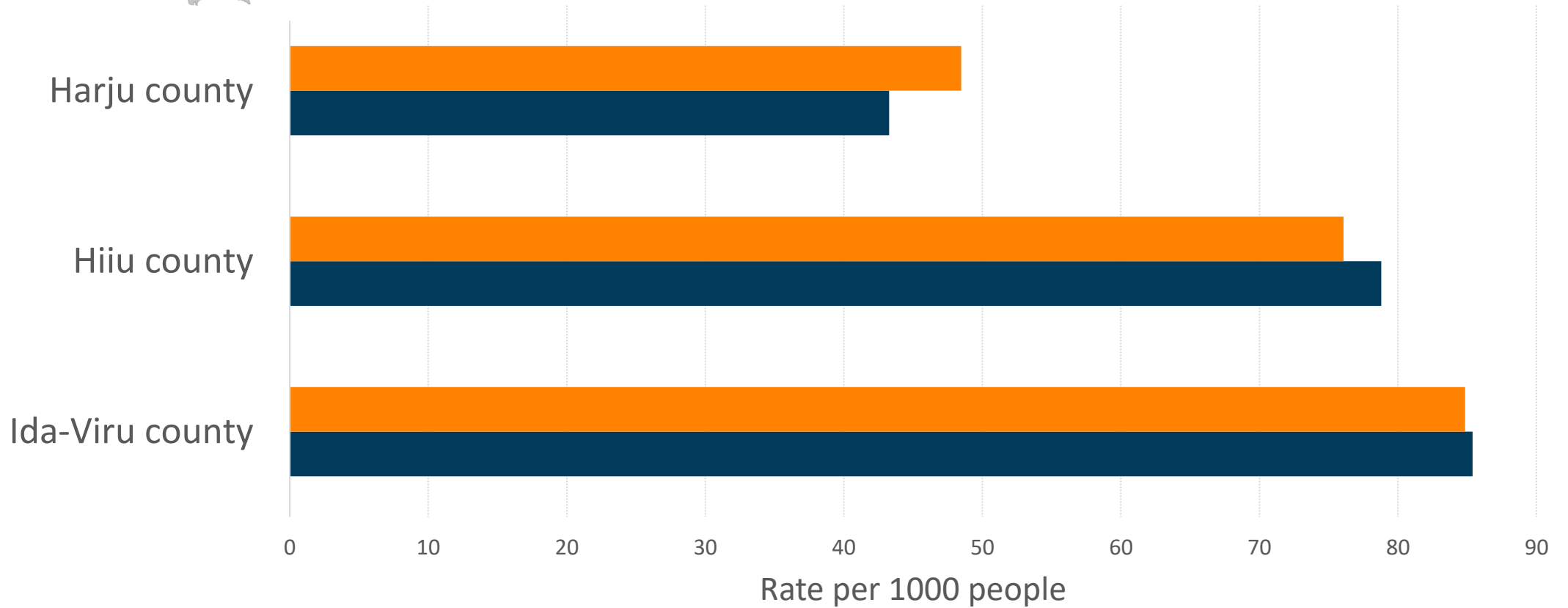


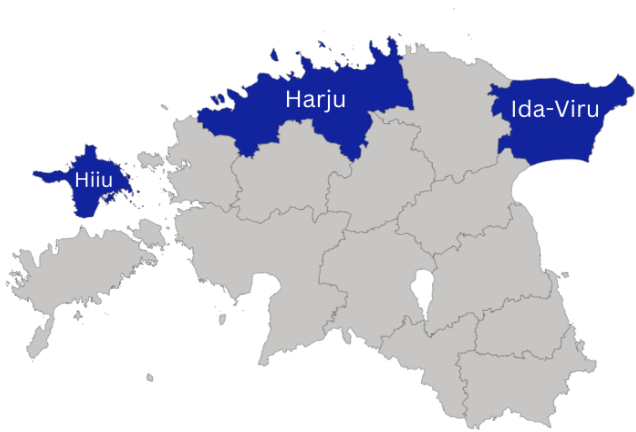
YLL rate per 1000 people



Cardio-vascular diseases

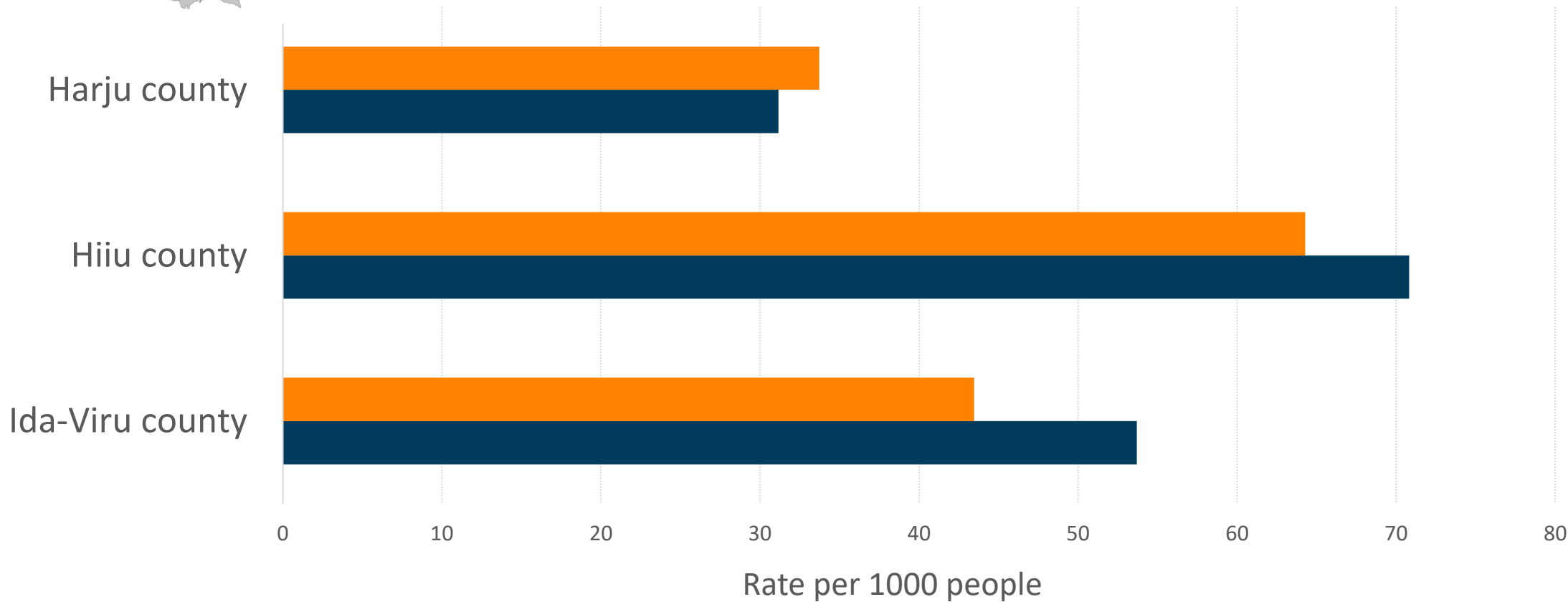
■ YLL Women ■ YLL Men

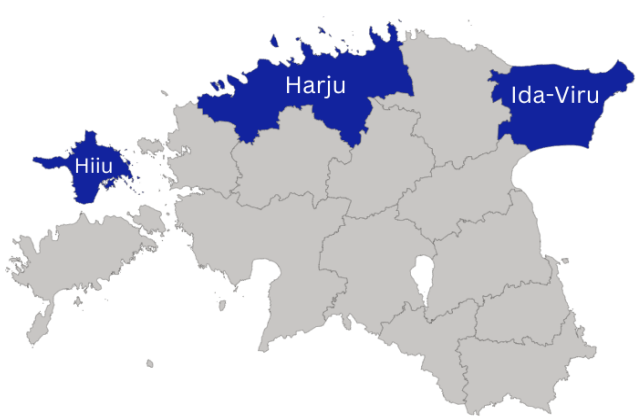




Neoplasms

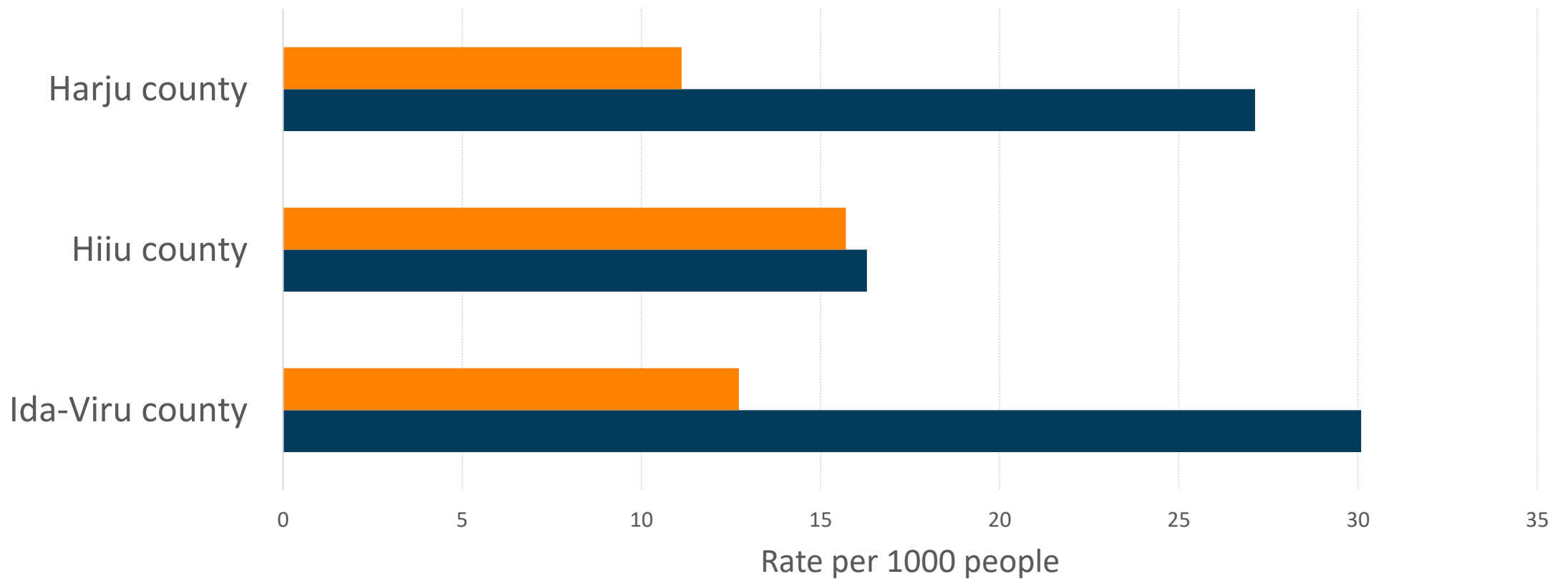
■ YLL Women ■ YLL Men





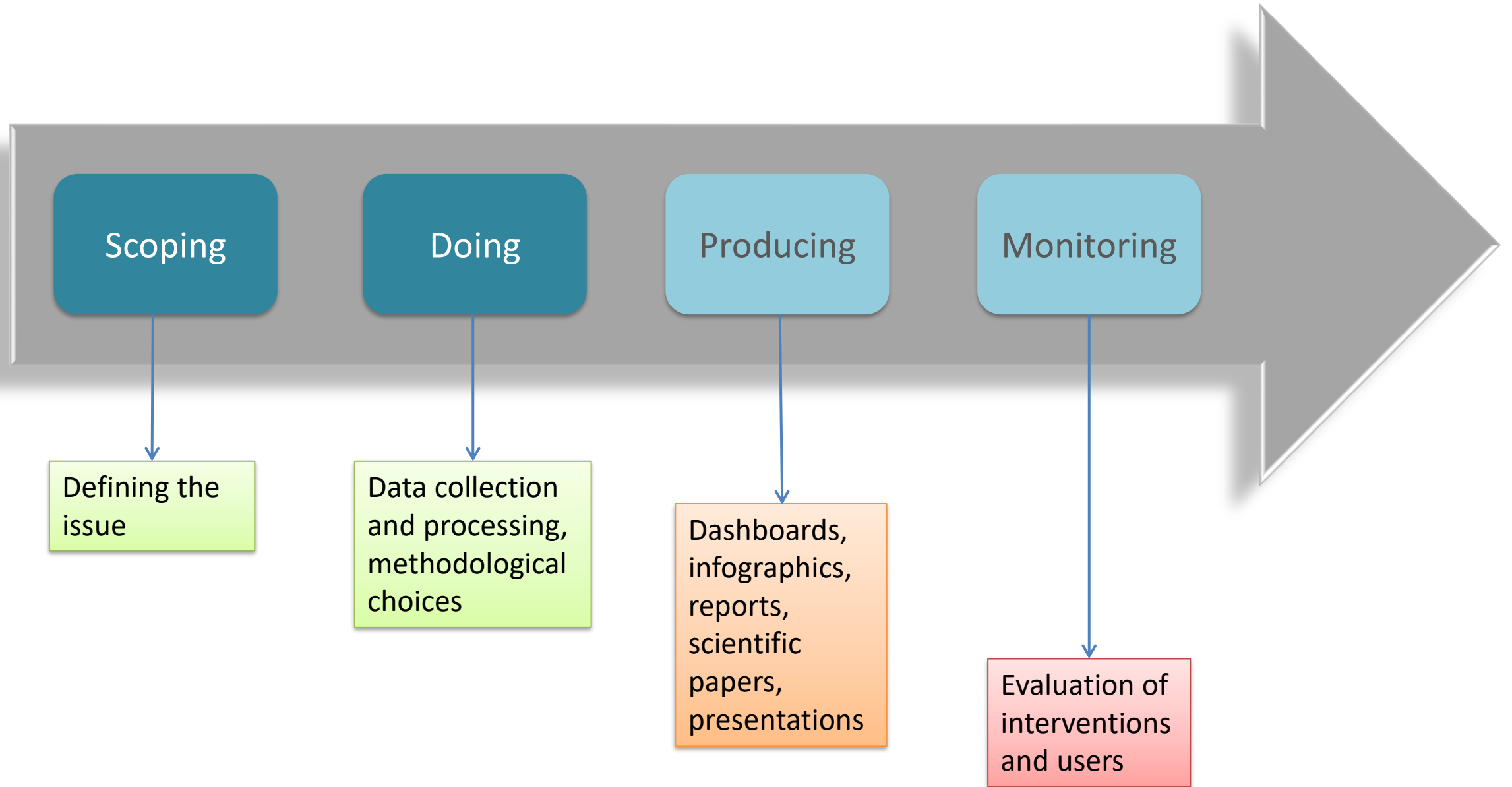
Injuries, poisonings and other external causes

YLL Women YLL Men



GREAT KNOWLEDGE YOU HAVE

SHARE YOU MUST





Jane Idavain



Maria Lepnurm

Limitations:

We have a small team that may limit:

- Data Collection and analysis capacity
- Specialization
- Time Constraints

Why Estonia Needs Its Own Burden of Disease Studies

- Regional Specificity
- Customized Data
- Calculation of YLL
- Policy and Planning
- Monitoring Progress



maria.lepnurm@tai.ee

jane.idavain@tai.ee