

31 Years Tyrolean Cancer Registry

Cancer Incidence and Mortality Rates between 1988 and 2018

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Background

- Tyrolean Cancer Registry (TCR) responsible for cancer documentation in the Austrian federal state of Tyrol since 1987
- based on international standards
- incl. documentation of mortality

Methods

- analysis of registry data (1988 – 2018)
- 3 cancer entities (lung, breast, prostate)
- age-standardized incidence and mortality rates (per 100 000 inhabitants)
- linear regression for trend analysis

Results (see Fig. 1)

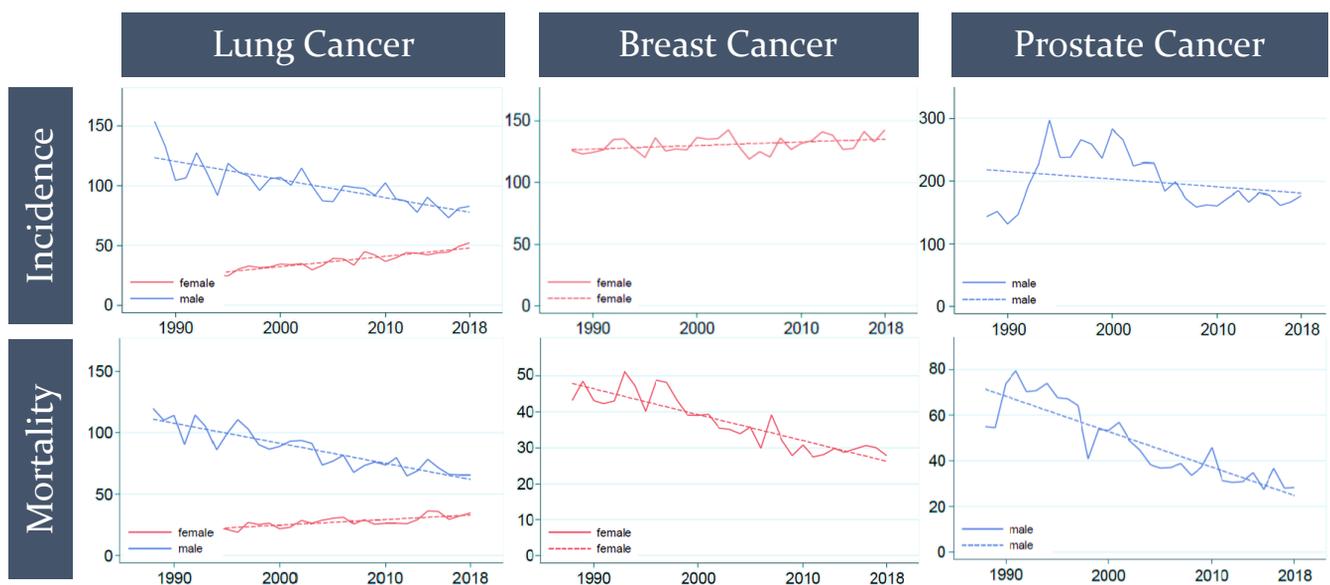


Fig. 1: Age-standardized (ESP-2013) incidence and mortality rates per 100 000 inhabitants between 1988 and 2018 based on TCR data

Discussion

- 31 years of TCR: decreasing mortality rates (except lung cancer in females)
- screening programs (prostate and breast cancer), circumstances/ changes in therapy

Conclusion

- register-based long-term data enables evaluation of incidence / mortality trends
- registries provide valuable contribution to quality improvements in health care



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