

Trends in cancer in the elderly population in Denmark, 1980–2012

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RESEARCH ARTICLE

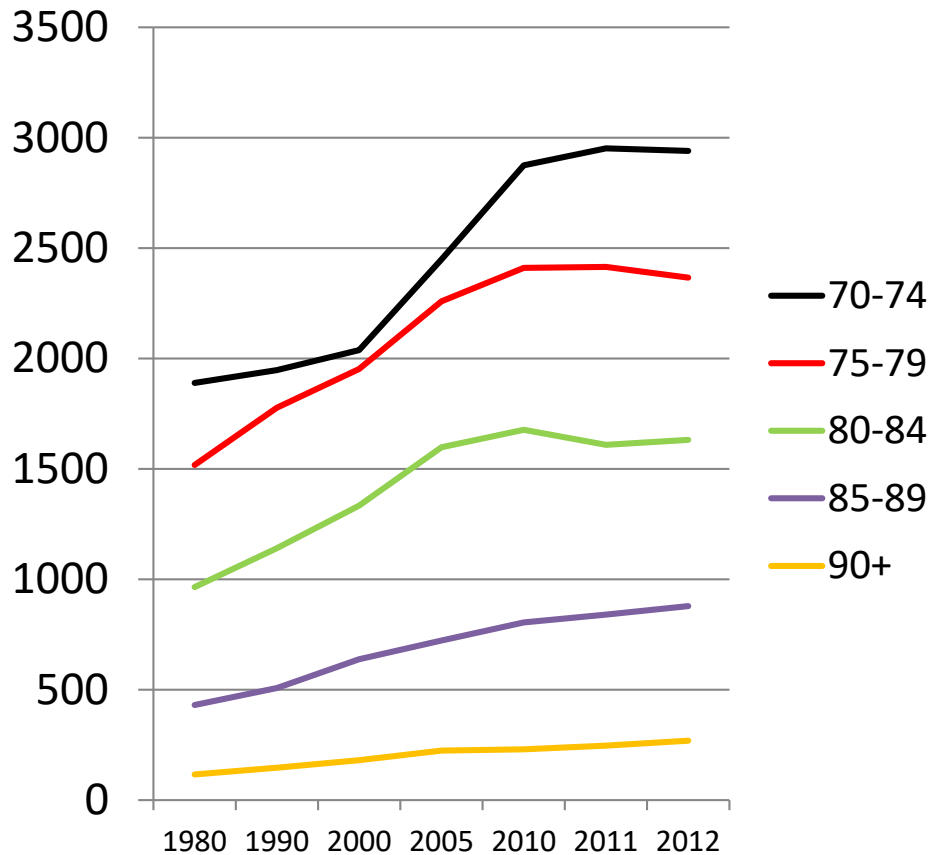
Trends in cancer in the elderly population in Denmark, 1980–2012

Marianne Ewertz^a, Kaare Christensen^{b,c}, Gerda Engholm^d, Anne Mette T. Kejs^d, Lars Lund^e, Lars E. Matzen^f, Per Pfeiffer^a, Hans H. Storm^d and Jørn Herrstedt^a; On behalf of the Academy of Geriatric Cancer Research (AgeCare)

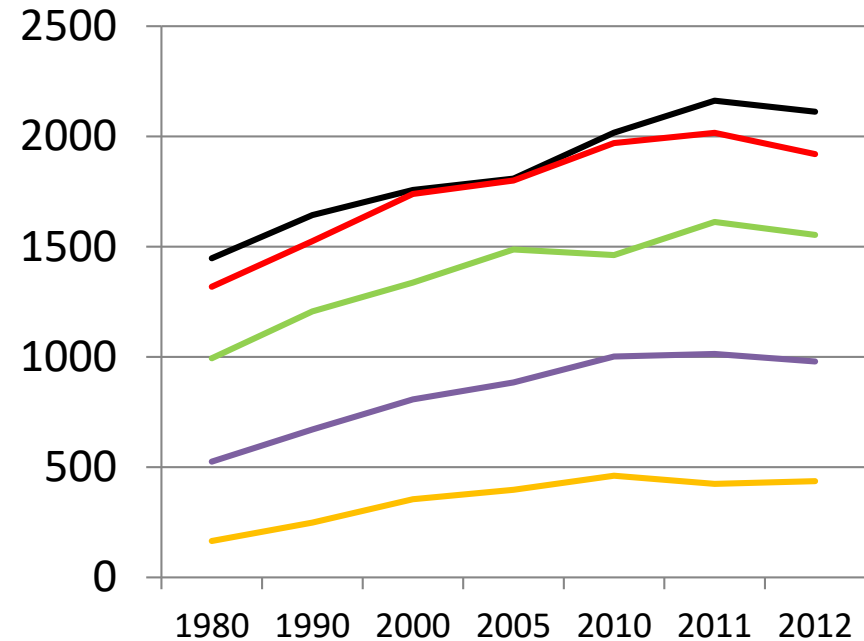
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Average annual NUMBER of new cases of cancer in Denmark among persons aged 70 years or more

Men



Women



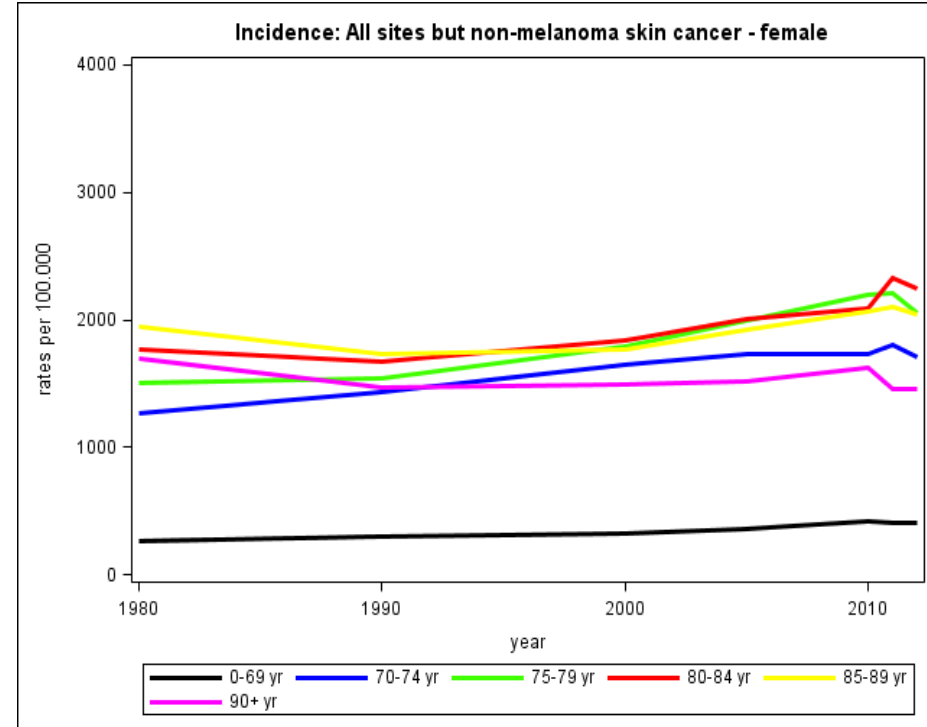
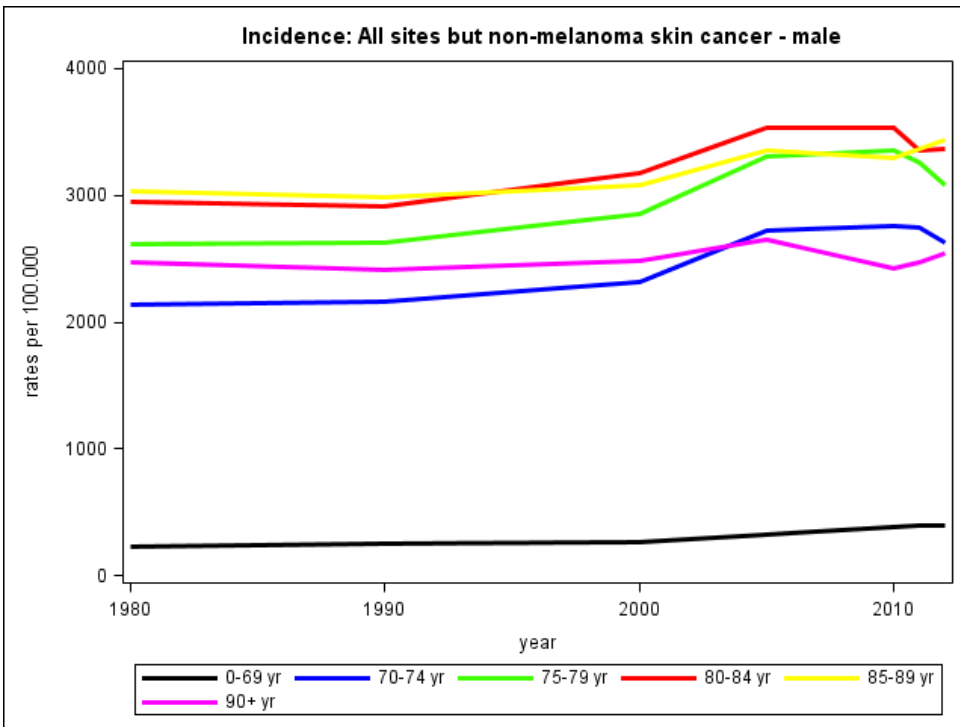
Total: **5000**

8100

4450

7000

Time trends in age-specific incidence rates in Denmark

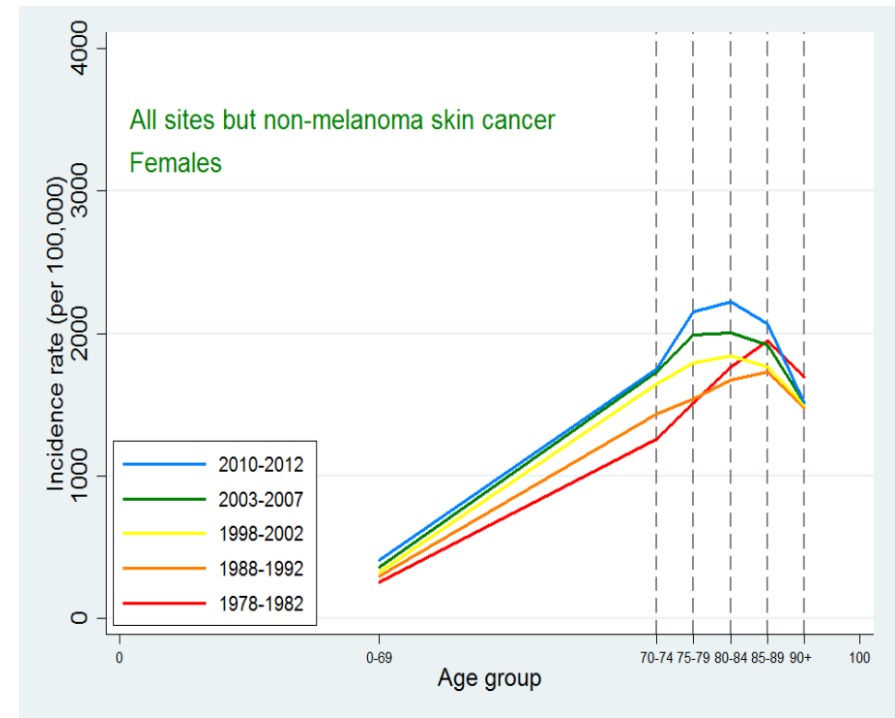
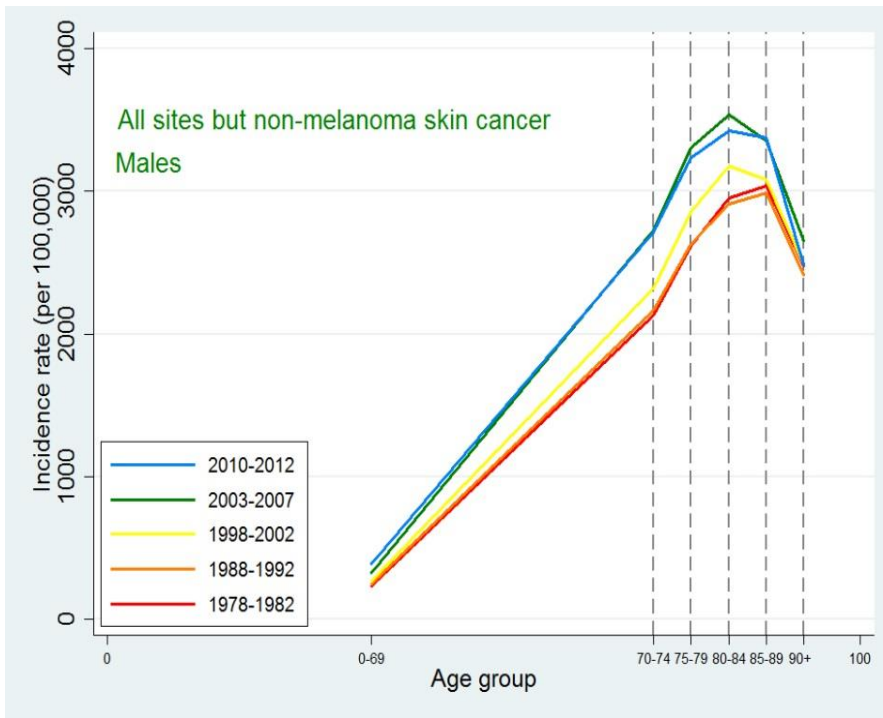


Cancer and aging: Epidemiology and methodological challenges

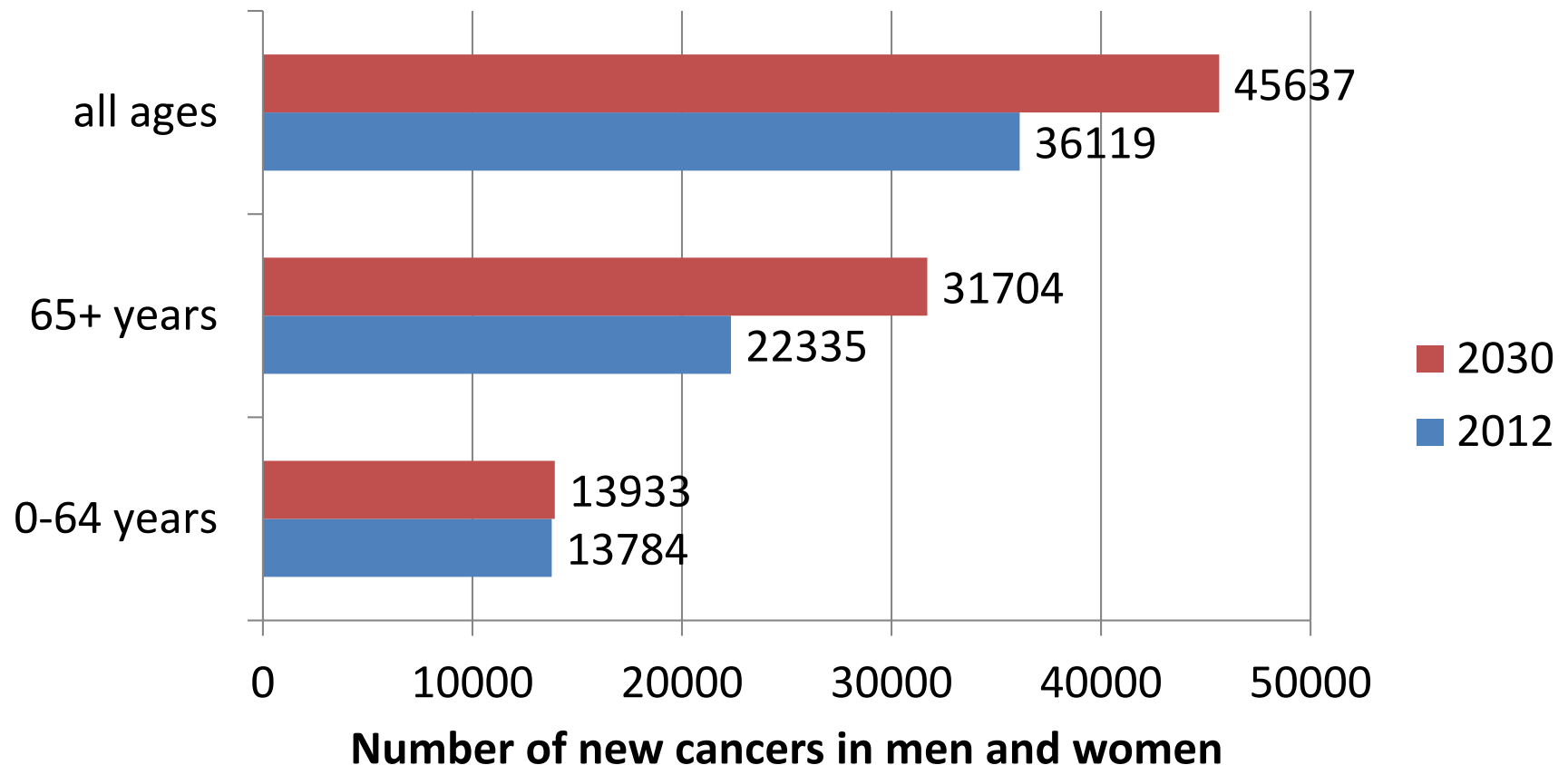
Jacob K. Pedersen^a, Gerda Engholm^b, Axel Skytthe^a and Kaare Christensen^{a,c,d}; on behalf of the Academy of Geriatric Cancer Research (AgeCare)

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Age-specific incidence rates in Denmark



Prediction of number of new cancers in Denmark 2030

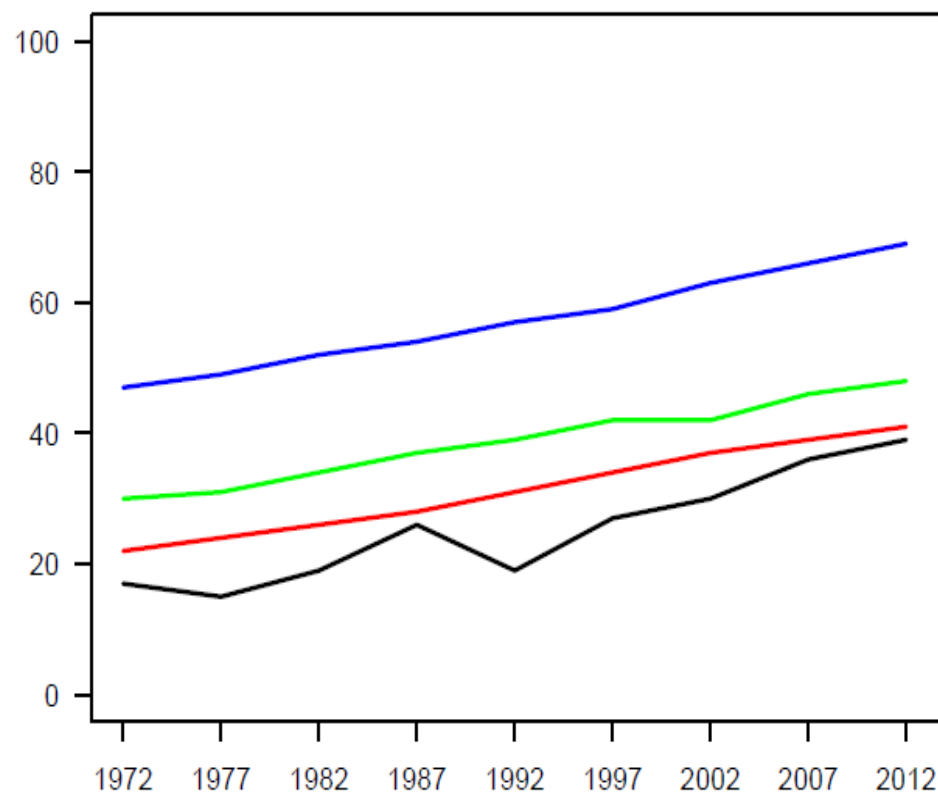
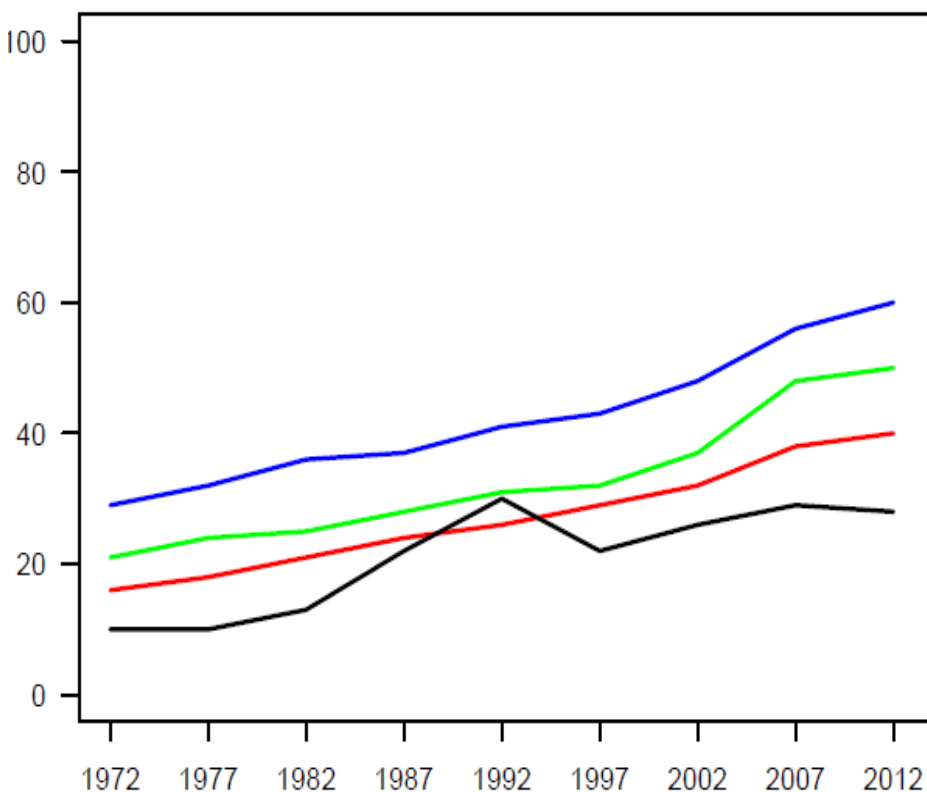


5-year relative survival

All cancers, except non-melanoma skin cancer

5 years RS male

5 years RS female



Age at diagnosis: — 0-69 years — 70-79 years — 80-89 years — 90+ years

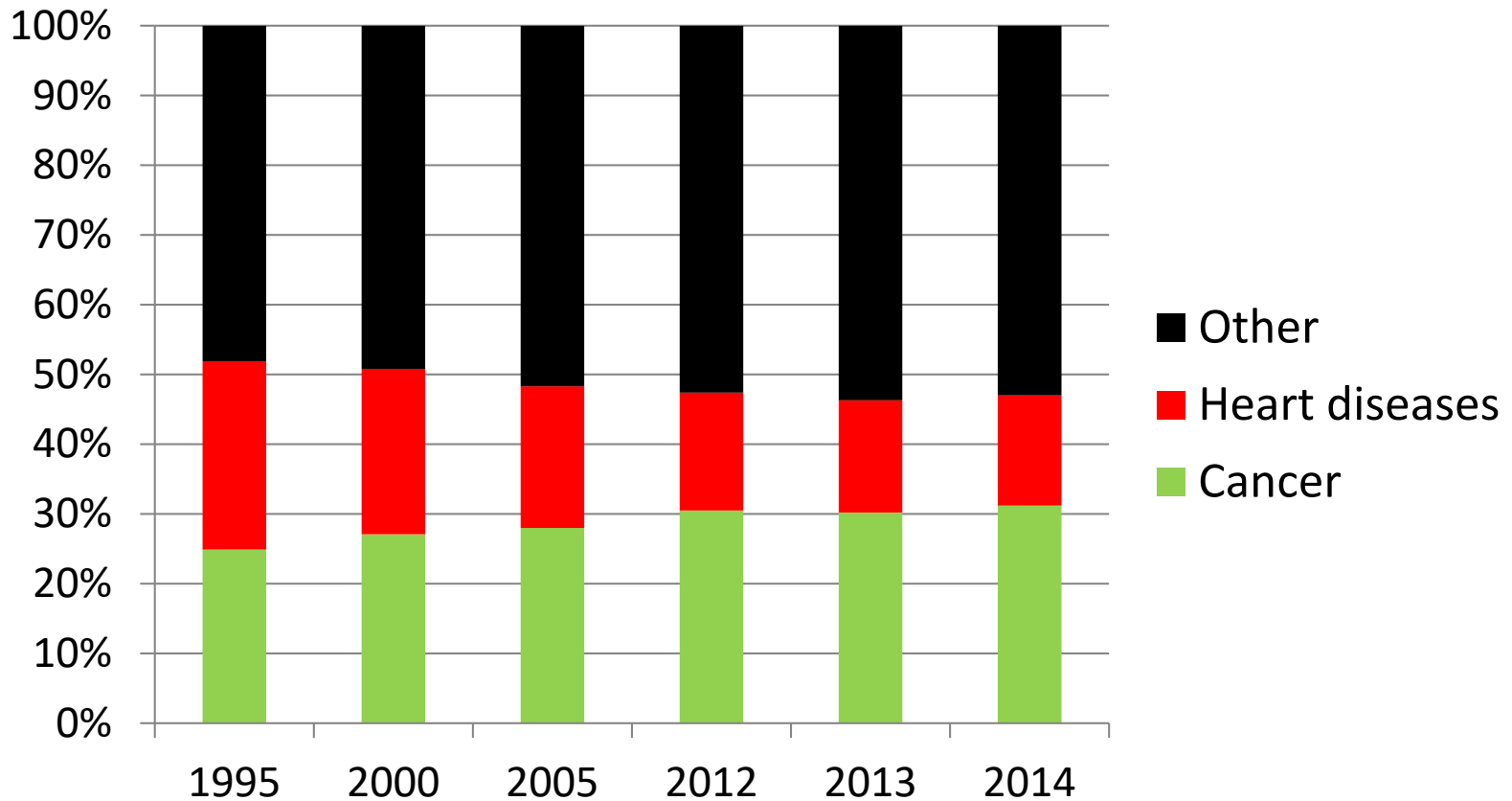
Conclusion

- Incidence rates of cancer have increased with time since 1980 in all age groups
- The incidence rate increases with increasing age up to the age of 85 years whereafter it decreases
- Survival has increased over time in all age groups

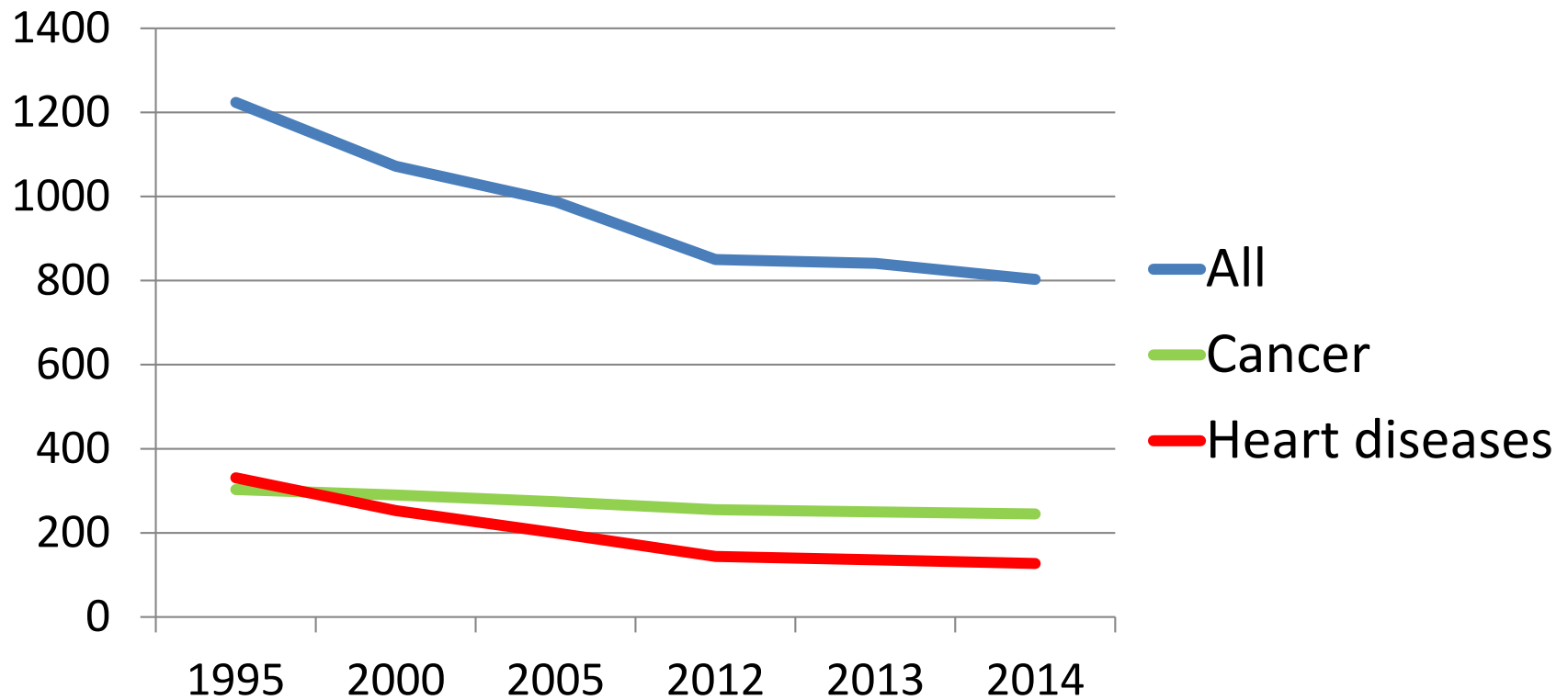
Thank you for your attention!



Percentage distribution of causes of death in Denmark, 1995-2014

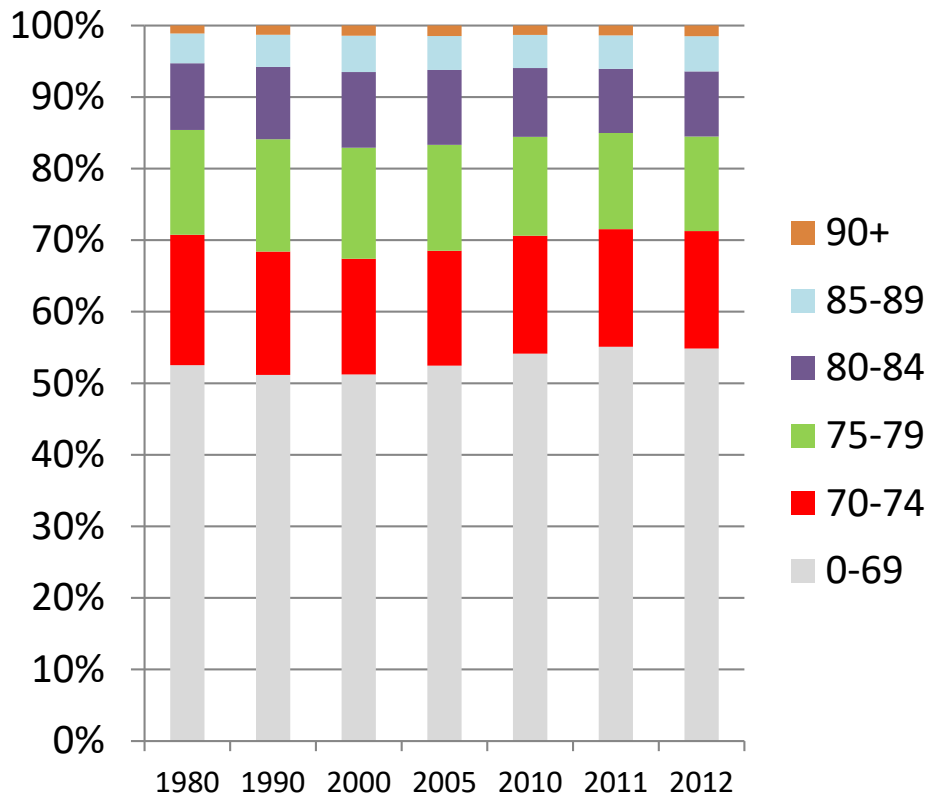


Age-standardised mortality rates per 100,000 in Denmark, 1995-2014

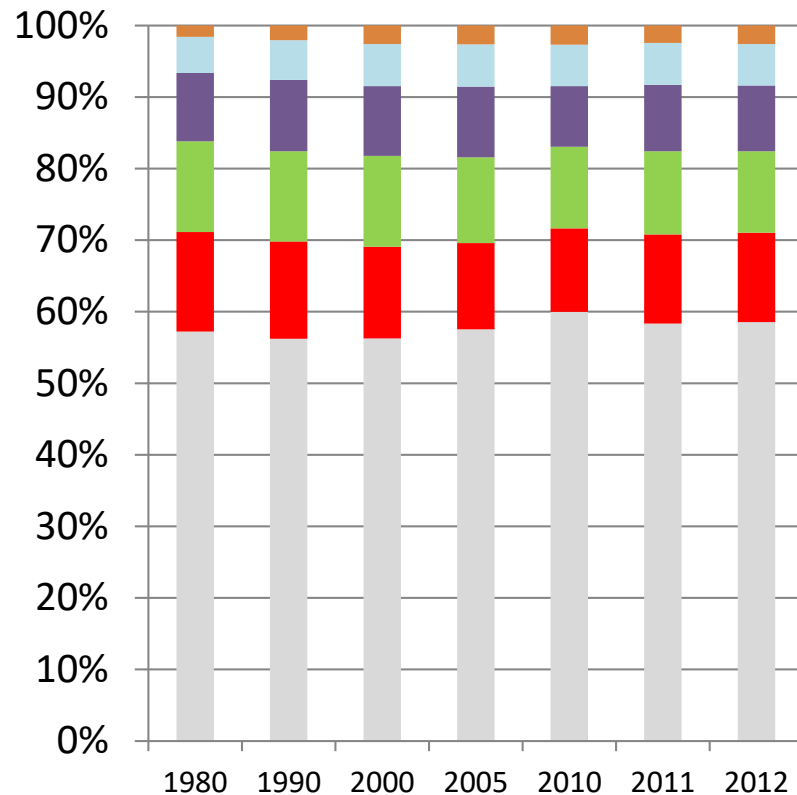


Percentage distribution of number of NEW cancers in Denmark

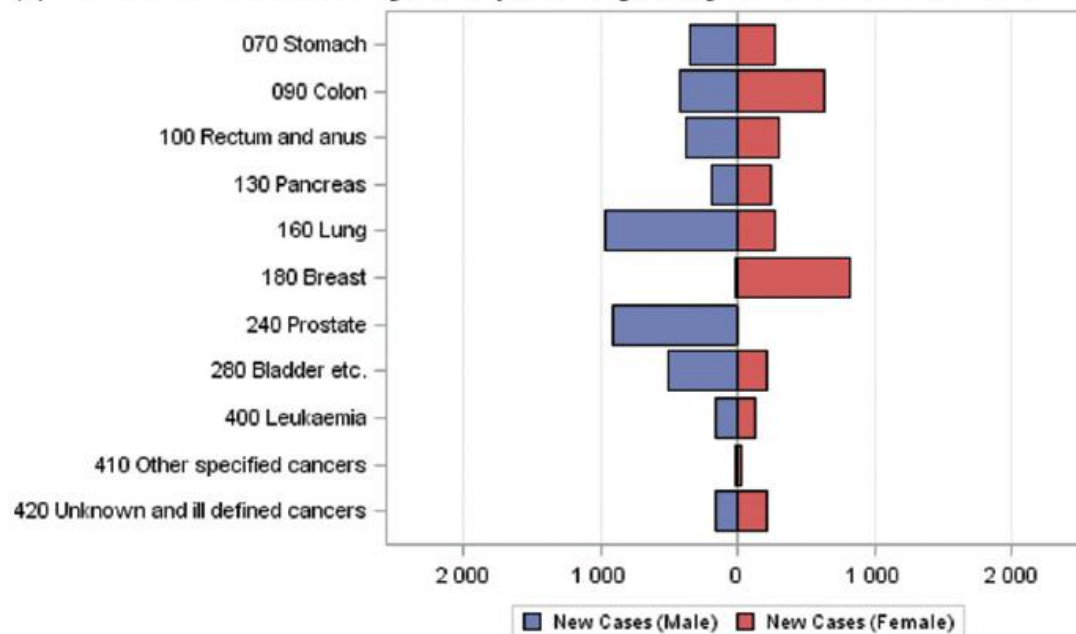
Men



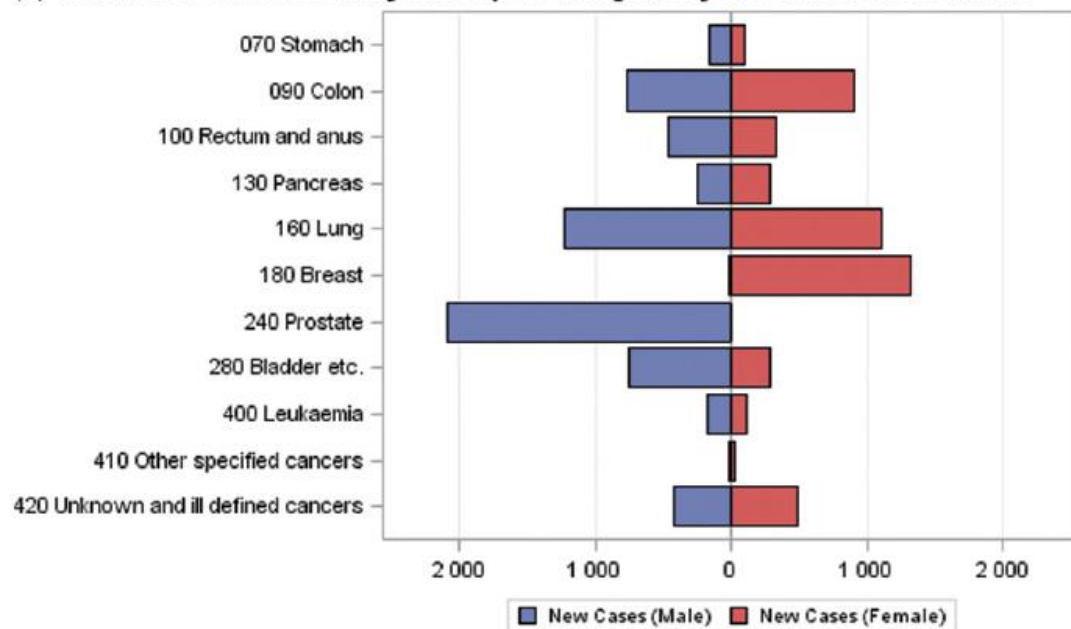
Women



(A) Number of cancers 1980 by site in persons aged 70 years or more in Denmark

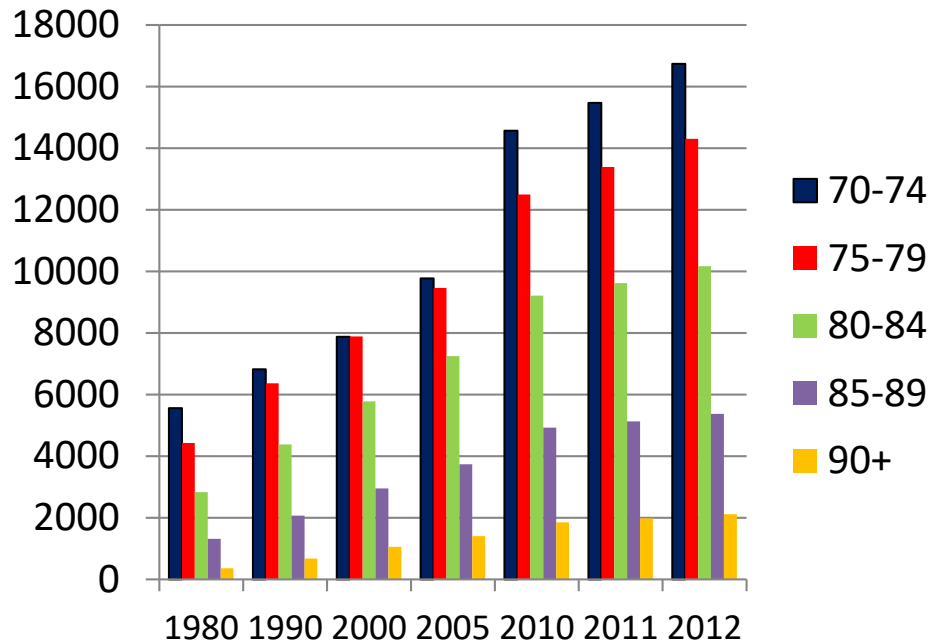


(B) Number of cancers 2012 by site in persons aged 70 years or more in Denmark

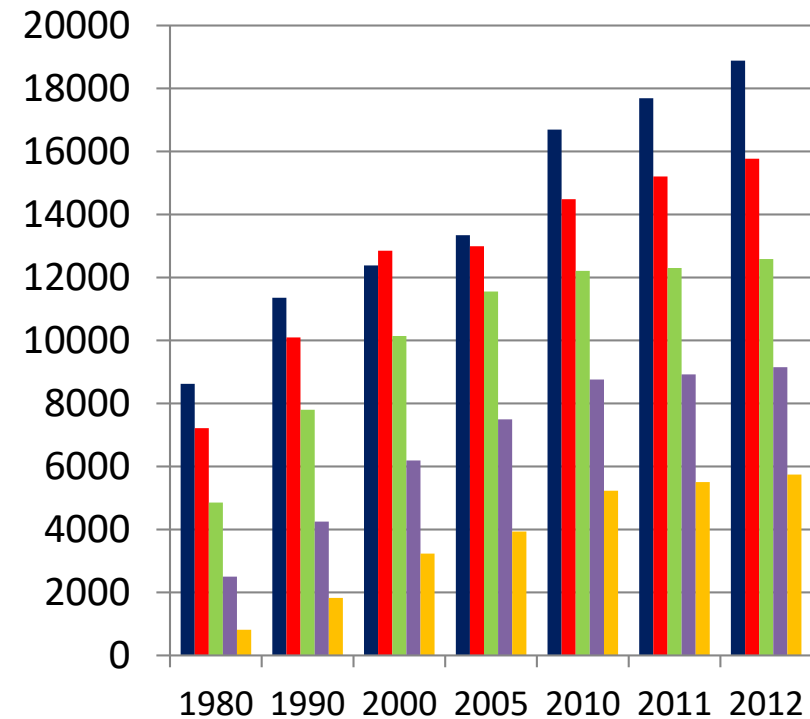


Prevalence of all cancer among Danes aged 70 years or more

Men



Women



Prevalence of all cancer by age

