Predicting cancer incidence and mortality as an important tool in improving assessment of cancer outcome and information

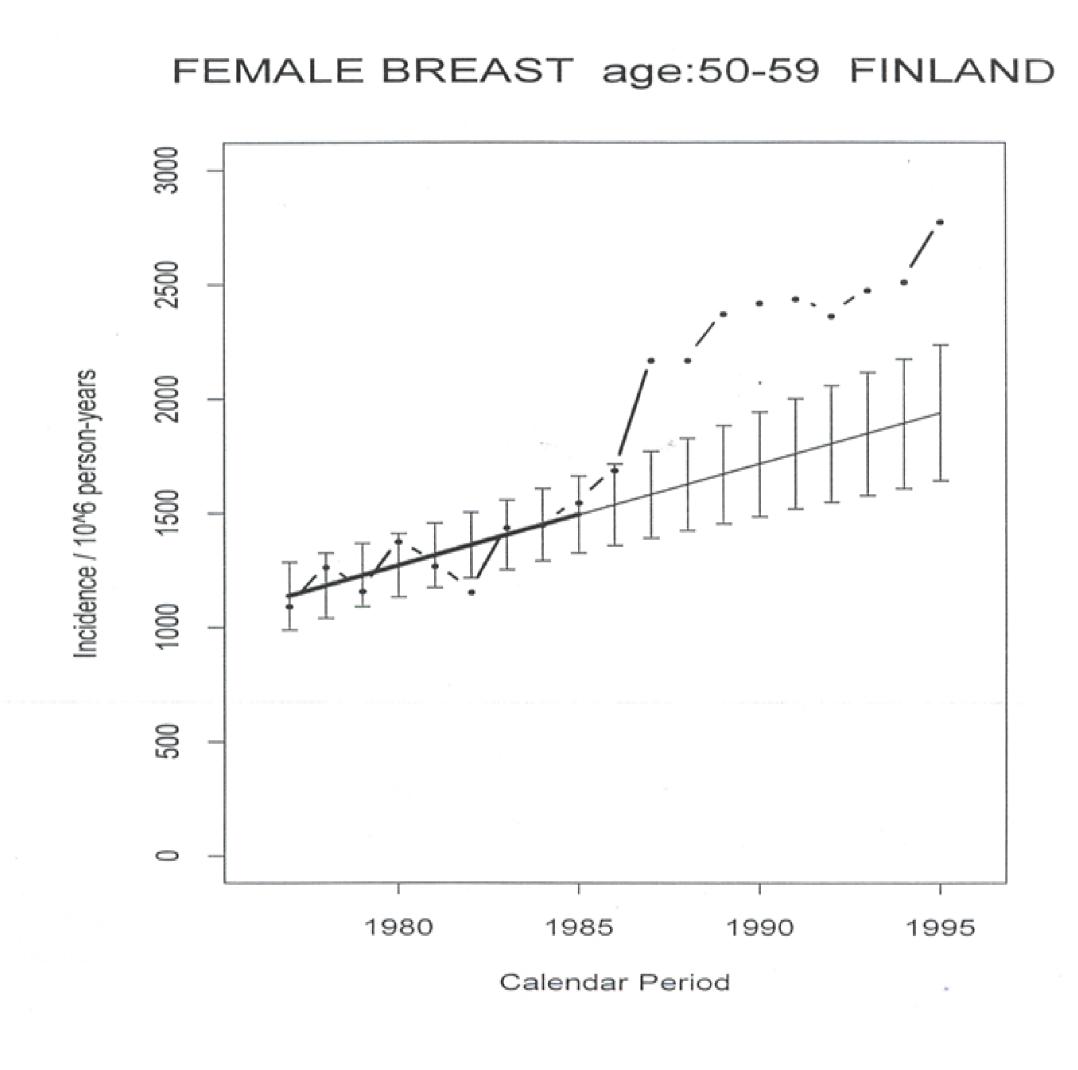
Tadeusz Dyba, Finnish Cancer Registry

The purposes of making cancer incidence/mortality predictions

Administrative ones
to plan the allocation of the resources
(then predictions should be as accurate as possible)

Scientific ones to evaluate the success of disease control (then predictions that do not come true are useful)

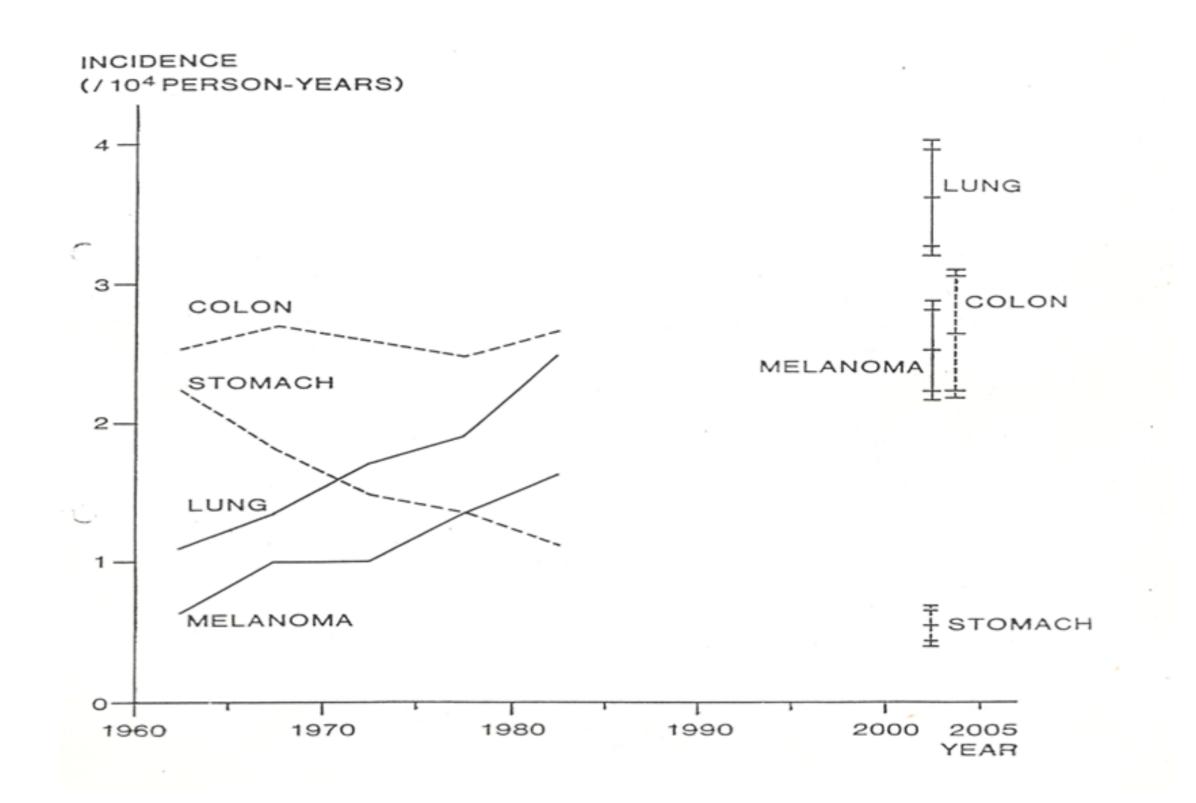
Example of scientific prediction showing a significant effect of screening on breast cancer incidence



Example of updating cancer registry data
Annual Report of Finnish Cancer Registry 2006/2007

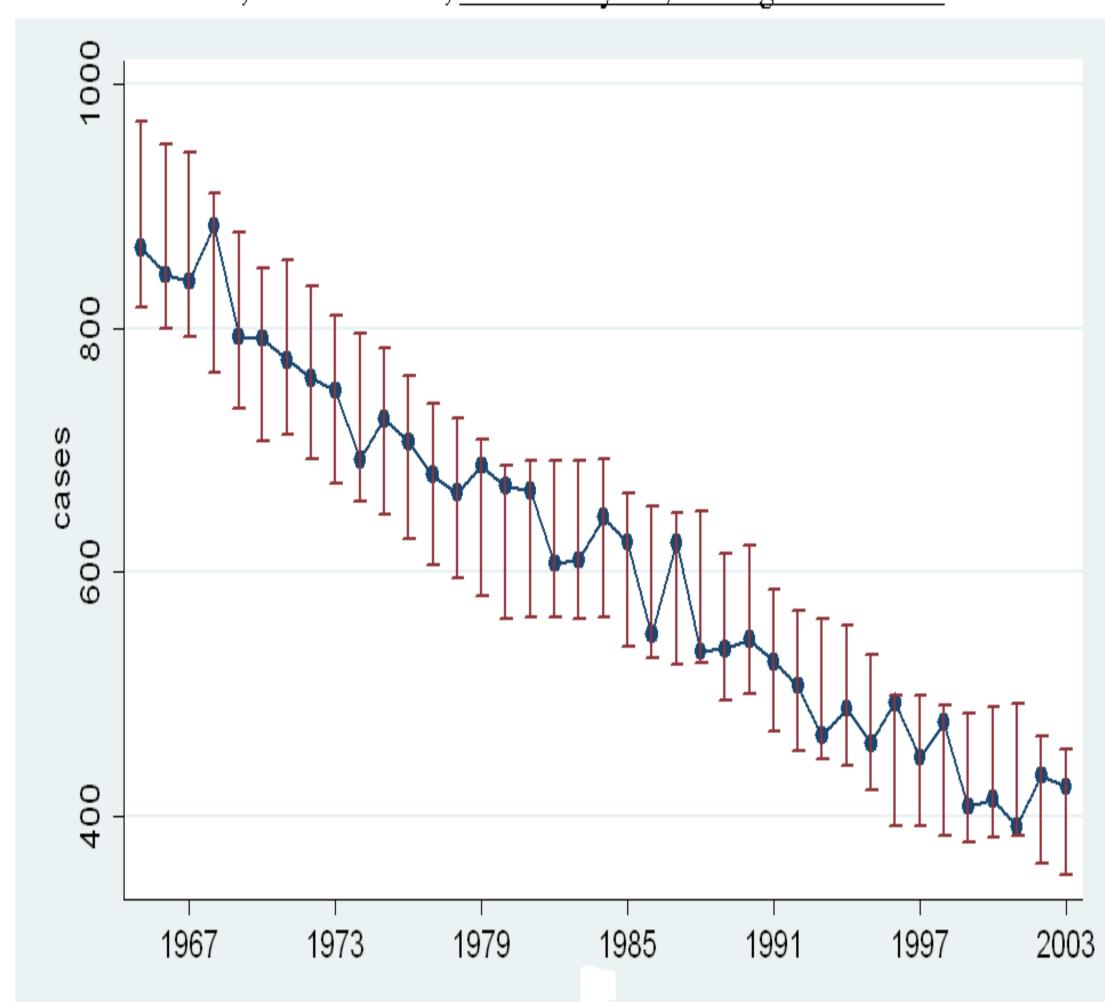


Example of administrative prediction for Stockholm-Gotland Oncological Region, Sweden



Prediction as a tool for updating cancer registry data for cancer sites free of screening activities

Finnish male, stomach cancer, <u>horizon = 3years</u>, <u>coverage rate = 100%</u>



STATA software (http://www.encr.com.fr/stata-macros1.htm) as ado-files to make predictions

