### Appendix A. Formulas for calculation of incidence and cumulative diabetes risk.

Equation 1. Calculation of age and stratum-specific incidence rate



Equation 2. Calculation of standardized incidence rate (standardized against the population in 2010)



Equation 3. Calculation of cumulative risk of diabetes 18-88 years.



*a*=Age

*D*=No of deaths during the year

*M*=Municipality

*N*=population size at the beginning of the year

*P*=Prevalence of diabetes

*rm*=Relative mortality

*y*=Year