

Increasing rates of attempted suicides among young females – a generation problem

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Subjects

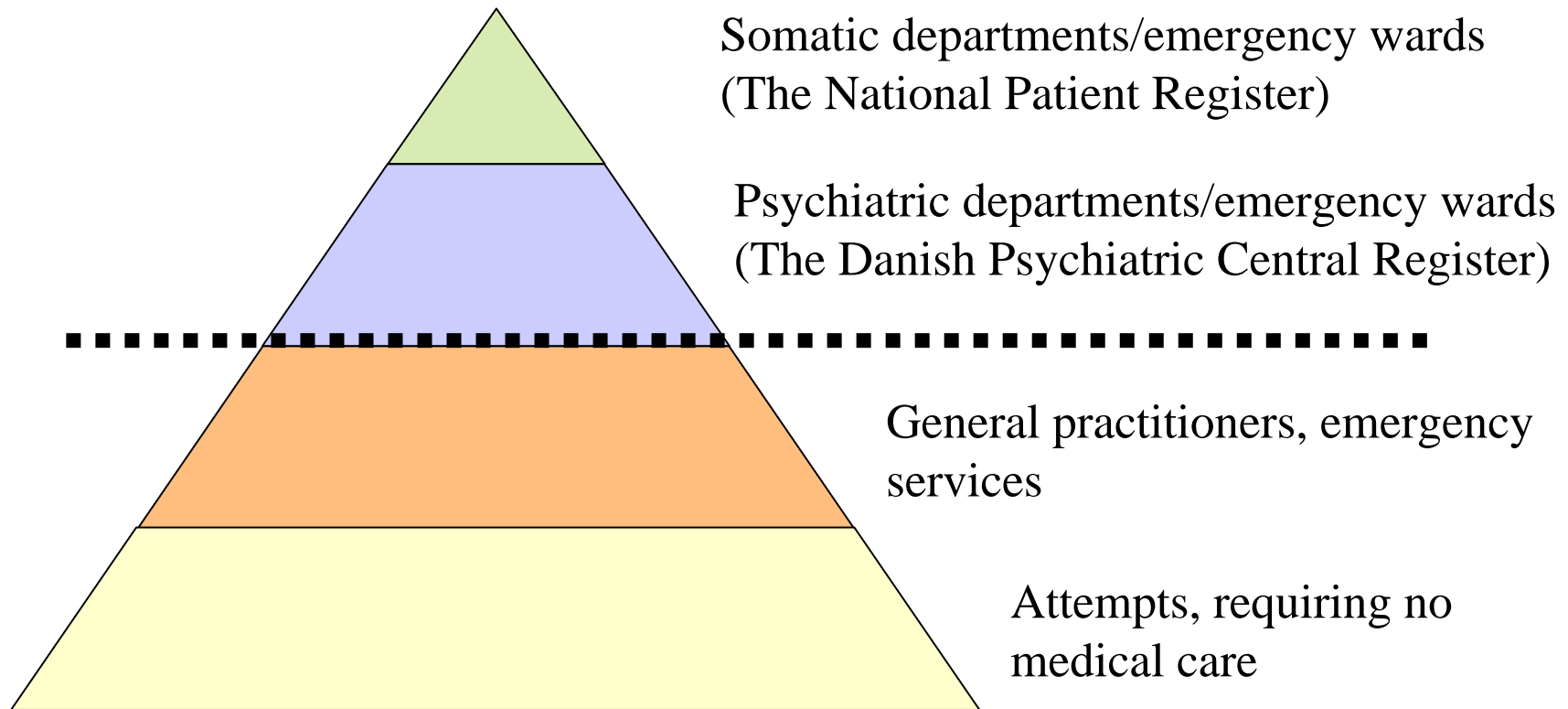
2,265 individuals who had 3,543 suicide attempts

Individuals were born between 1965 and 1989, and were divided into five-year birth cohorts

Individuals were extracted from a longitudinal person-based register, aged 15+ years, from the County of Funen, Denmark registered in the period 1990-2003



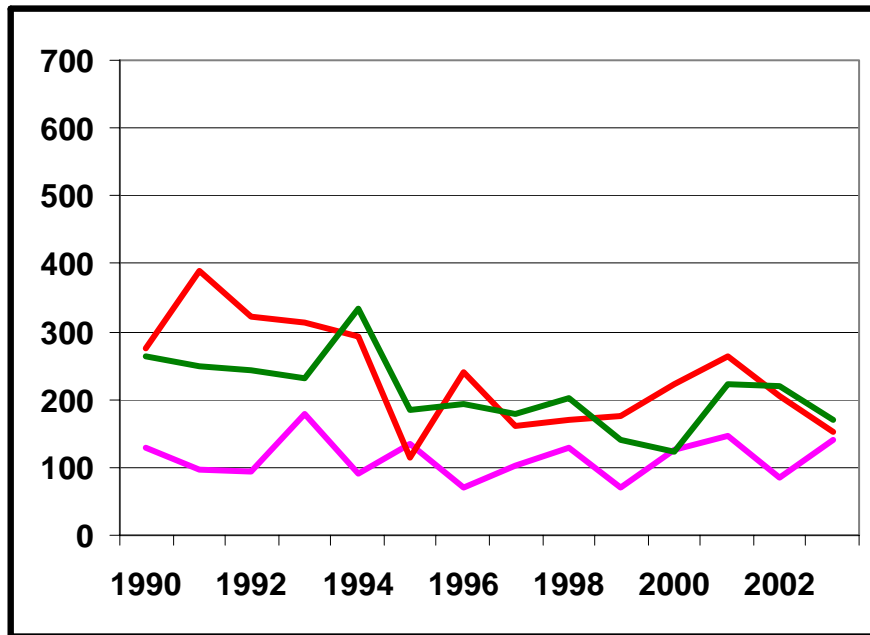
Top of the iceberg



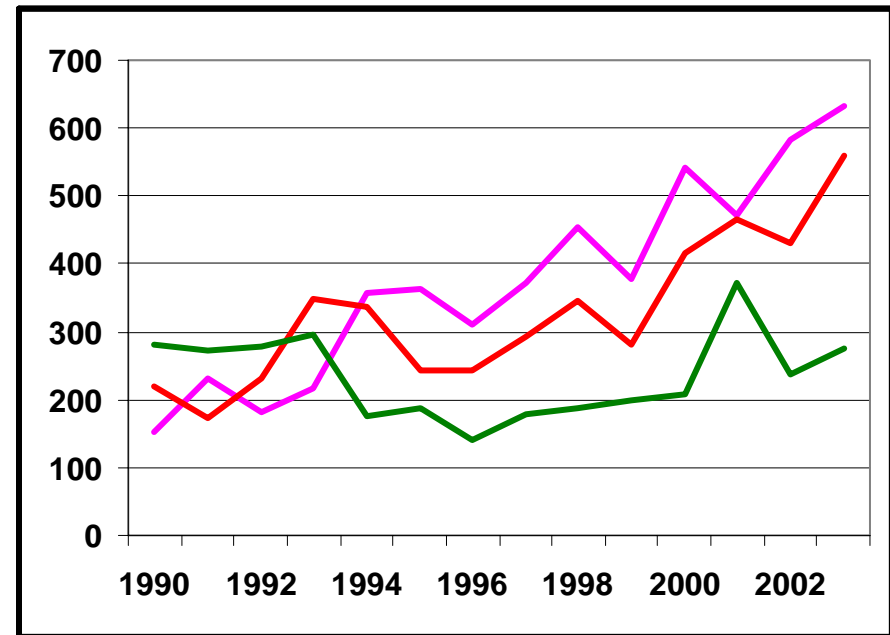
Rates of attempted suicide

Number of attempts per year per 100,000

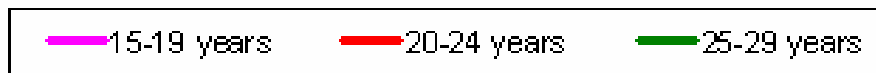
Males



Females



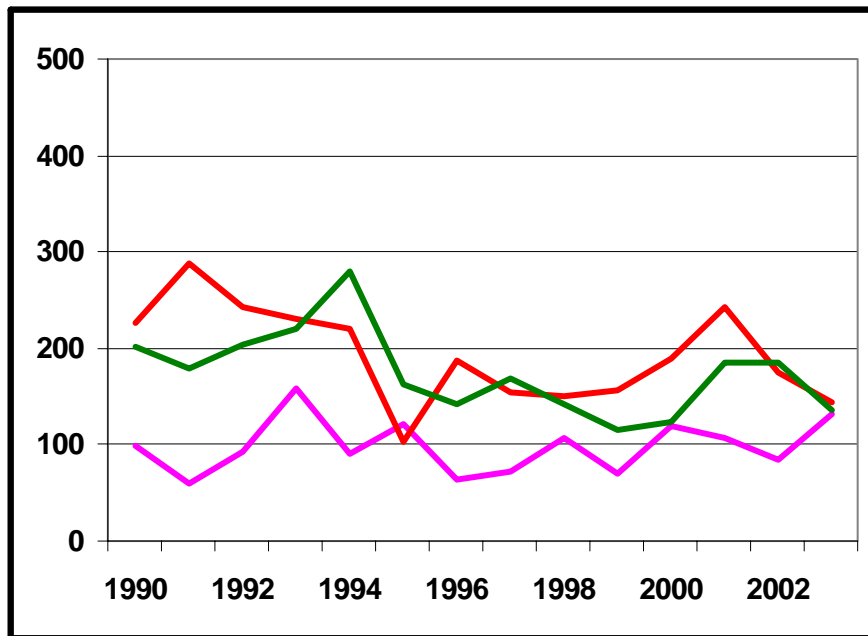
Age groups



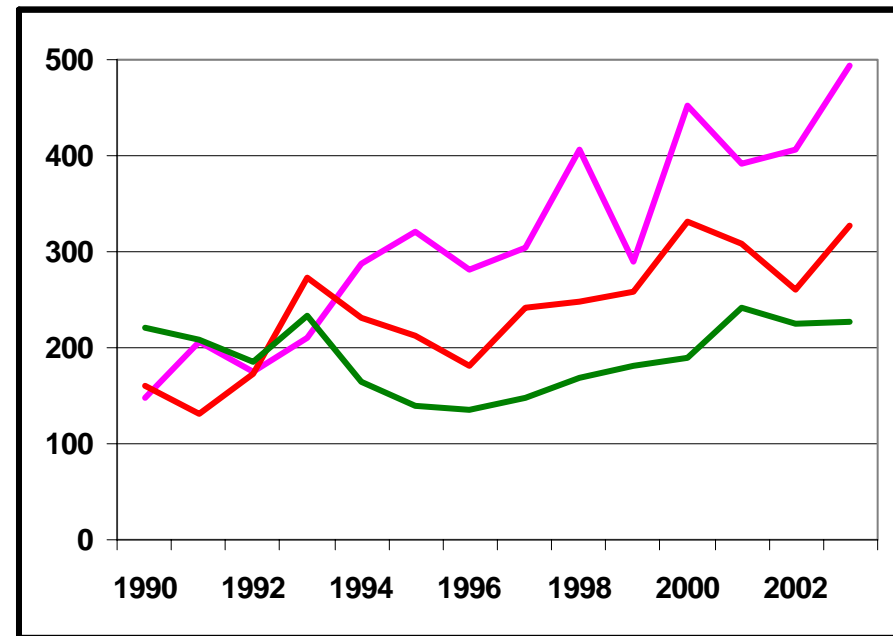
Rates of attempted suicide

Number of persons with suicide attempts per year per 100,000

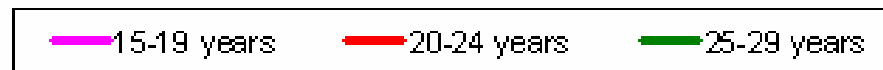
Males



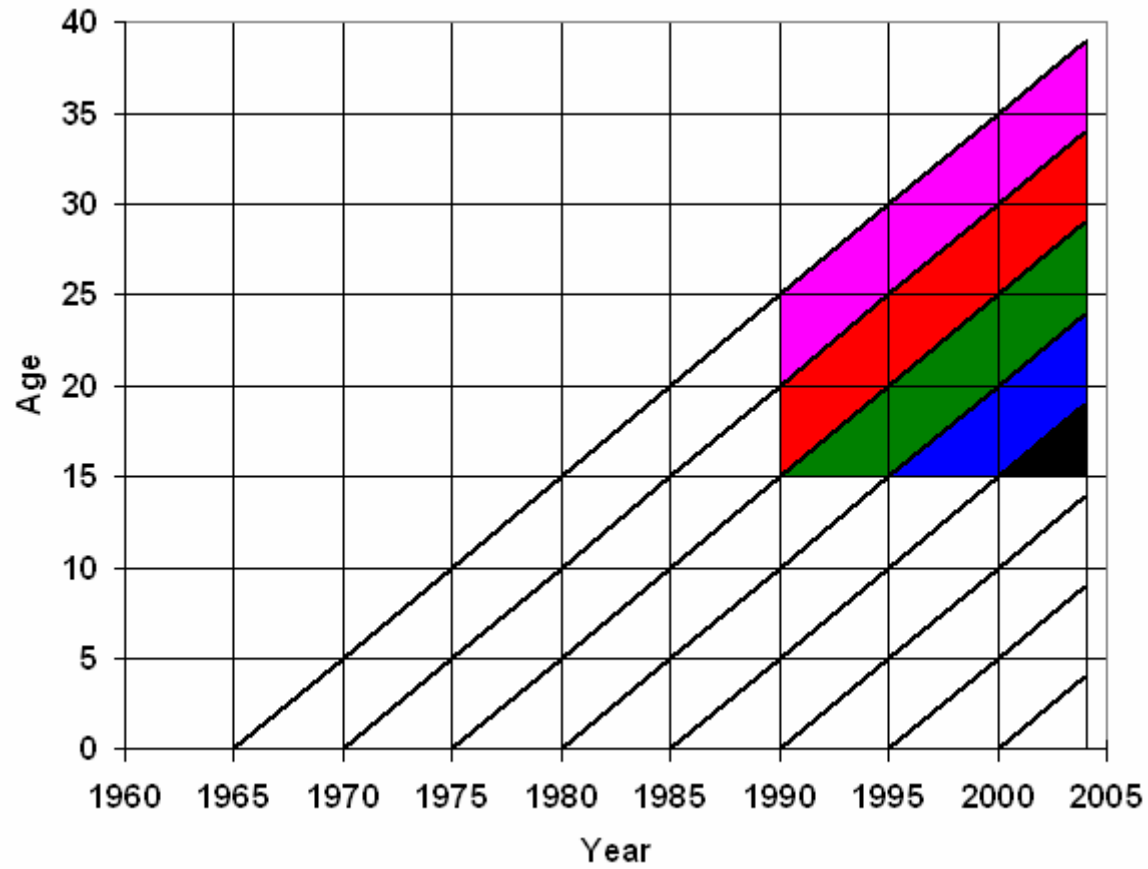
Females



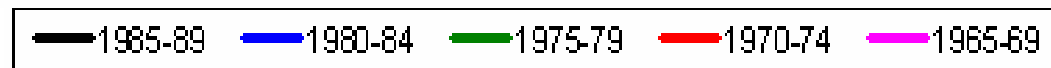
Age groups



Lexis diagram



Birth cohorts

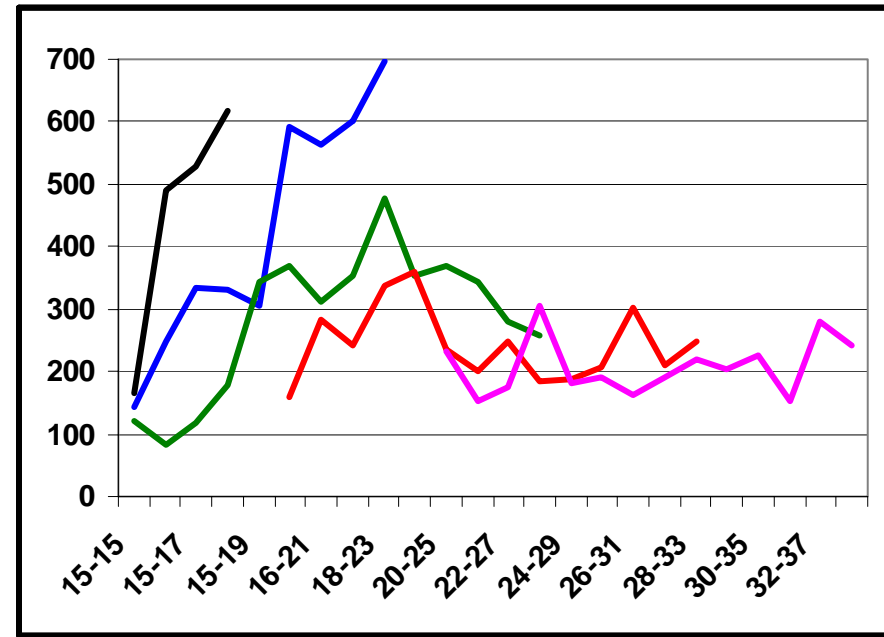
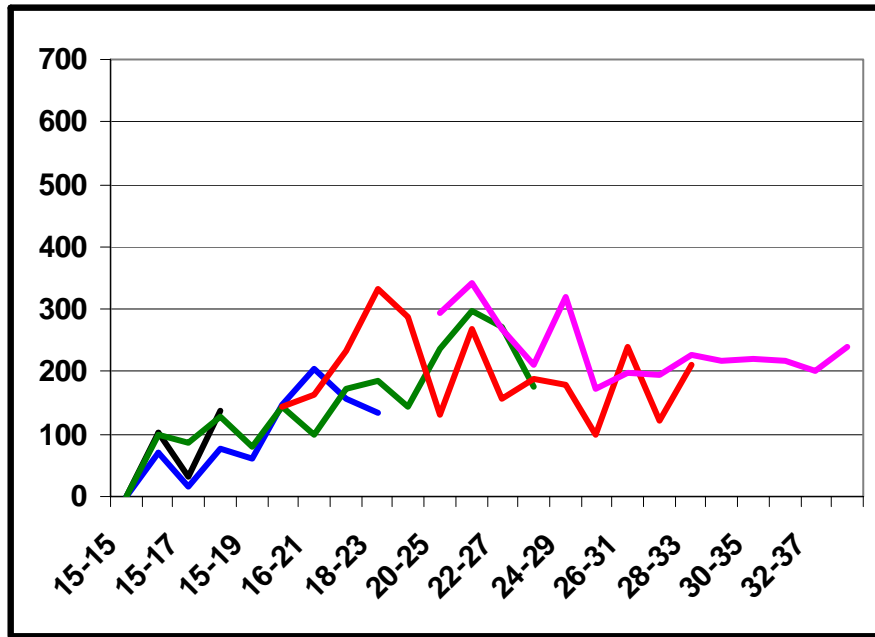


Rates of attempted suicide

Number of attempts per year per 100,000

Males

Females



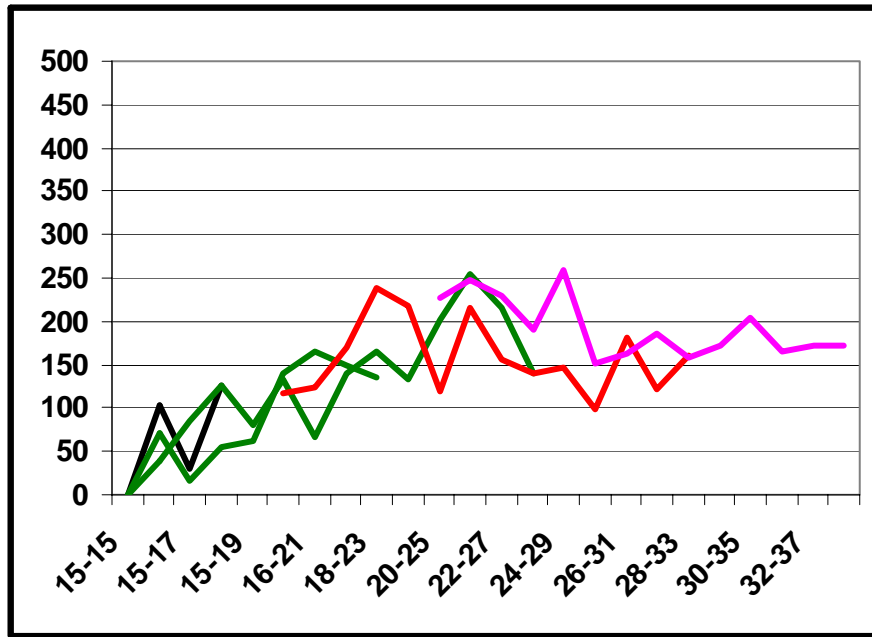
Birth cohorts



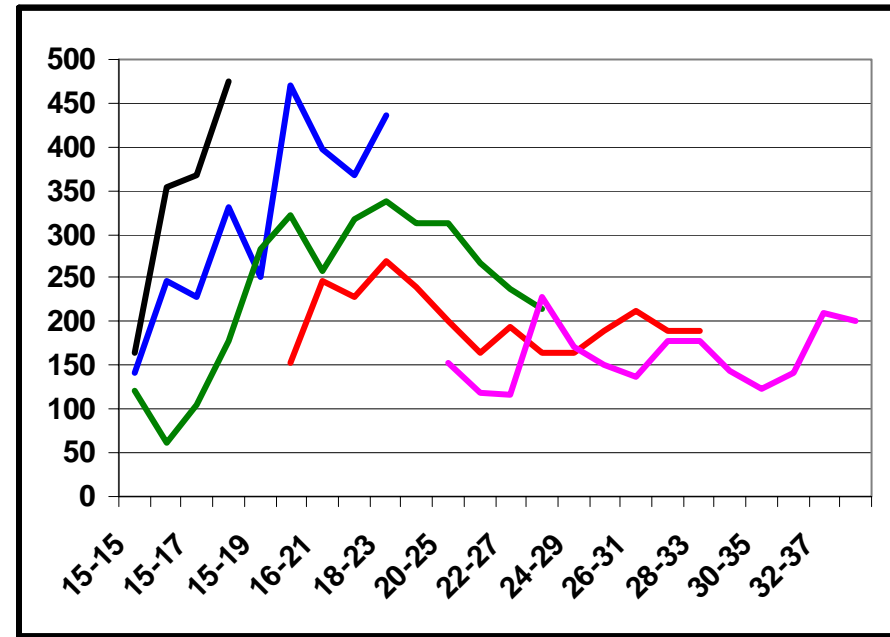
Rates of attempted suicide

Number of persons with suicide attempts per year per 100,000

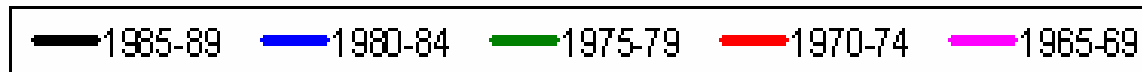
Males



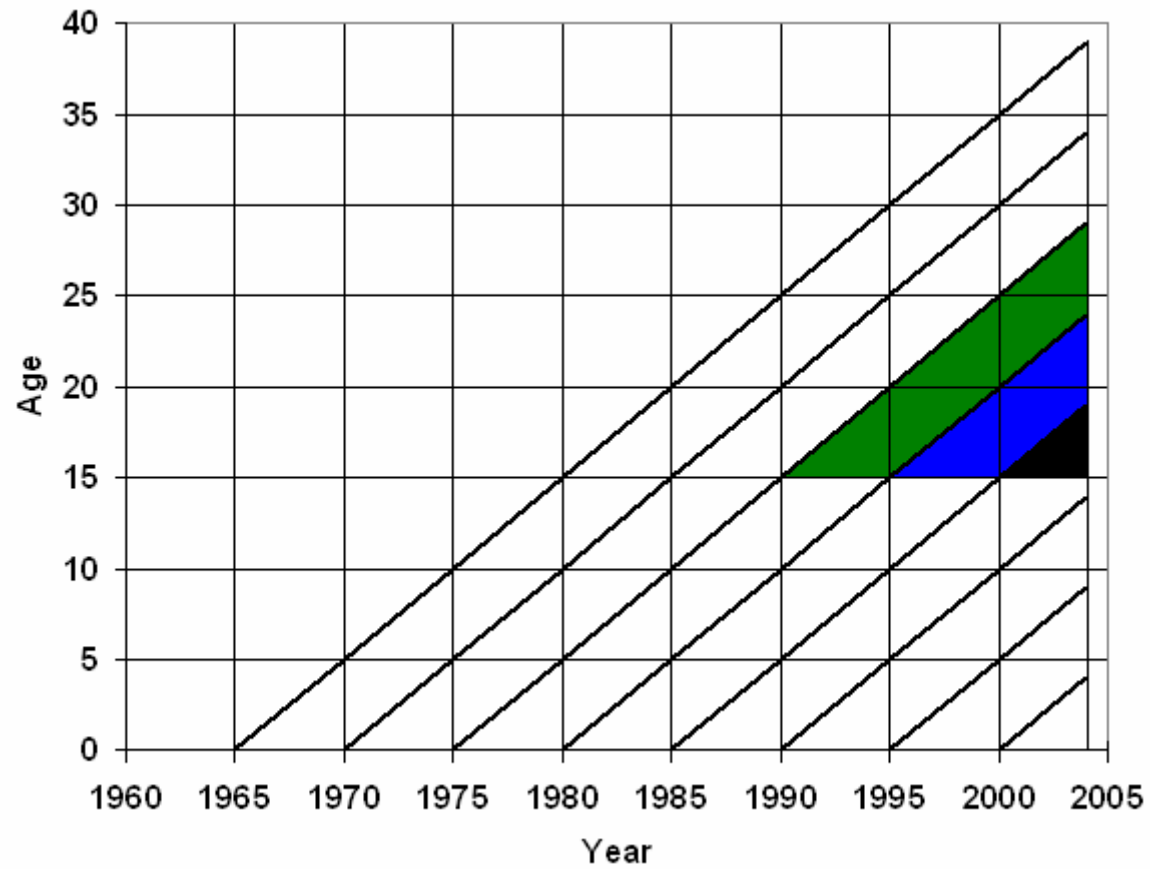
Females



Birth cohorts



Lexis diagram, birth cohorts 1975-1989



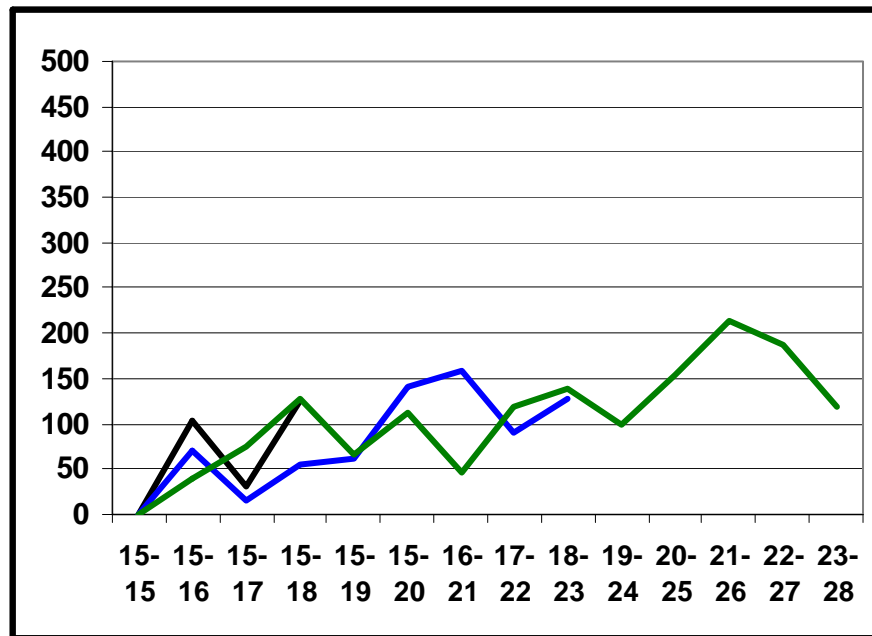
Birth cohorts



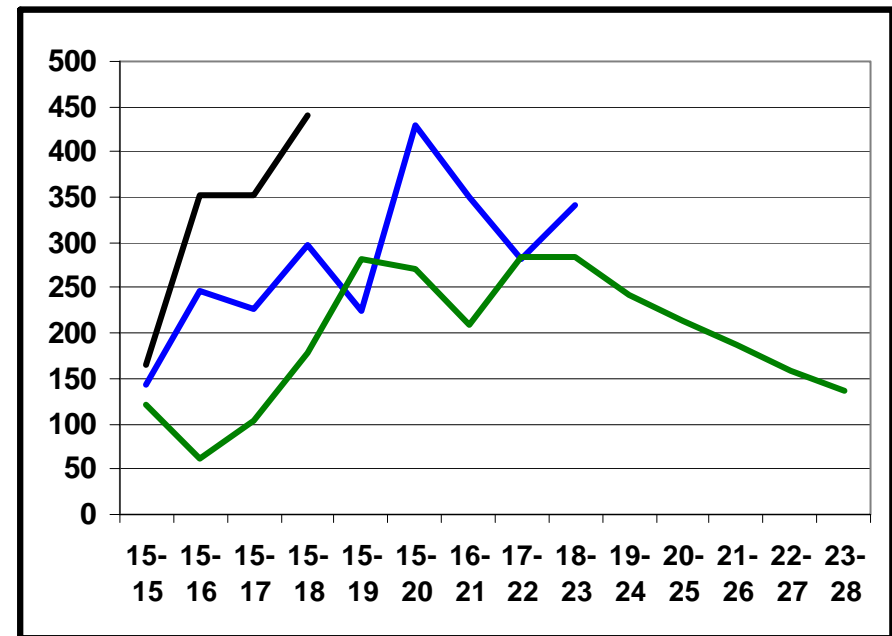
Rates of index attempts

Number of attempts per year per 100,000

Males



Females



Birth cohorts

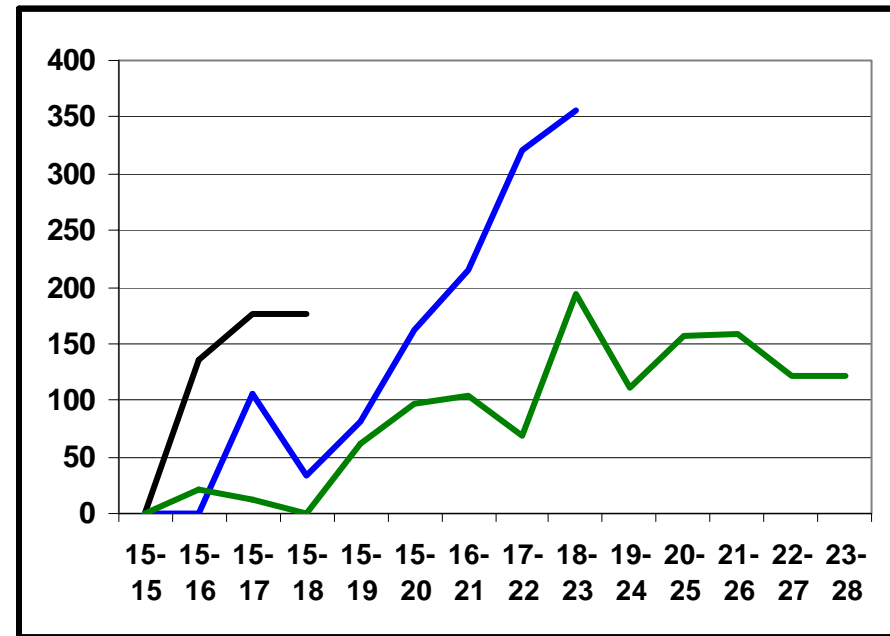
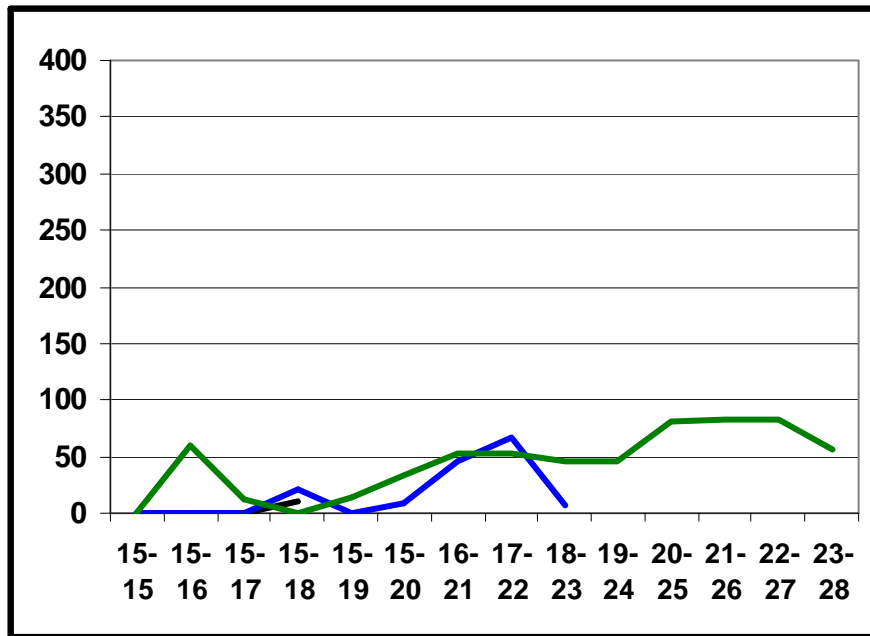


Rates of repeated suicide attempts

Number of attempts per year per 100,000

Males

Females



Birth cohorts

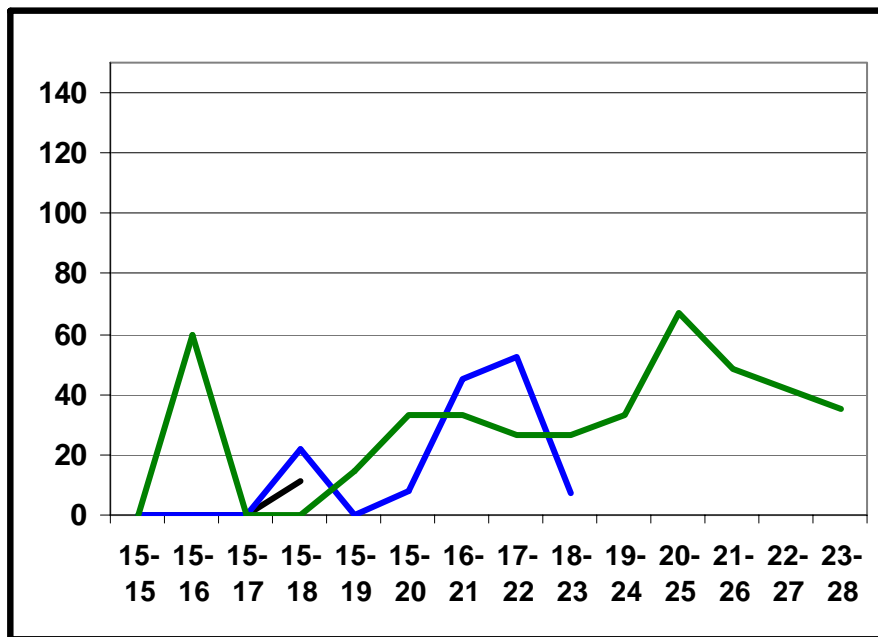
— 1985-89
 — 1980-84
 — 1975-79
 — 1970-74
 — 1965-69



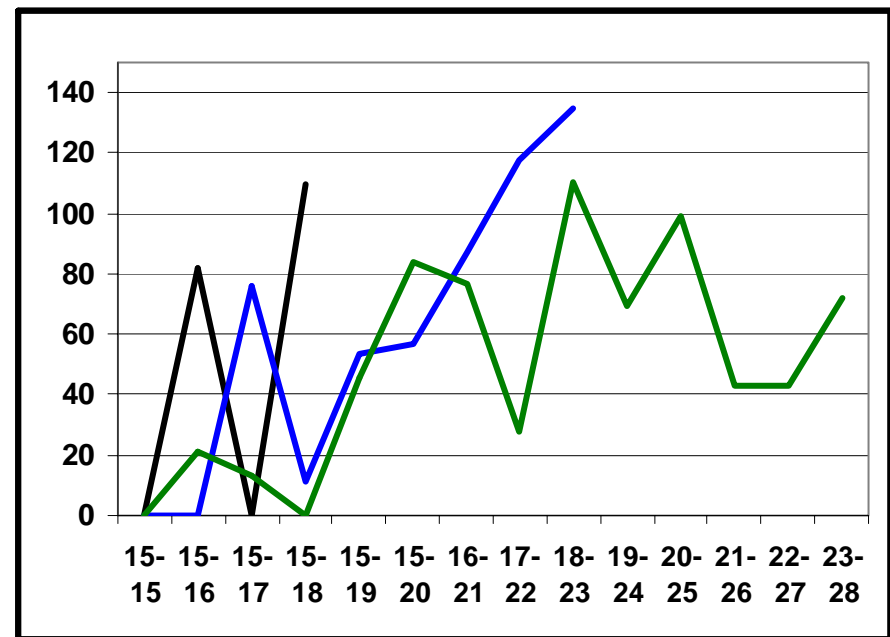
Rates of 2nd and 3rd attempted suicide

Number of attempts per year per 100,000 persons

Males



Females



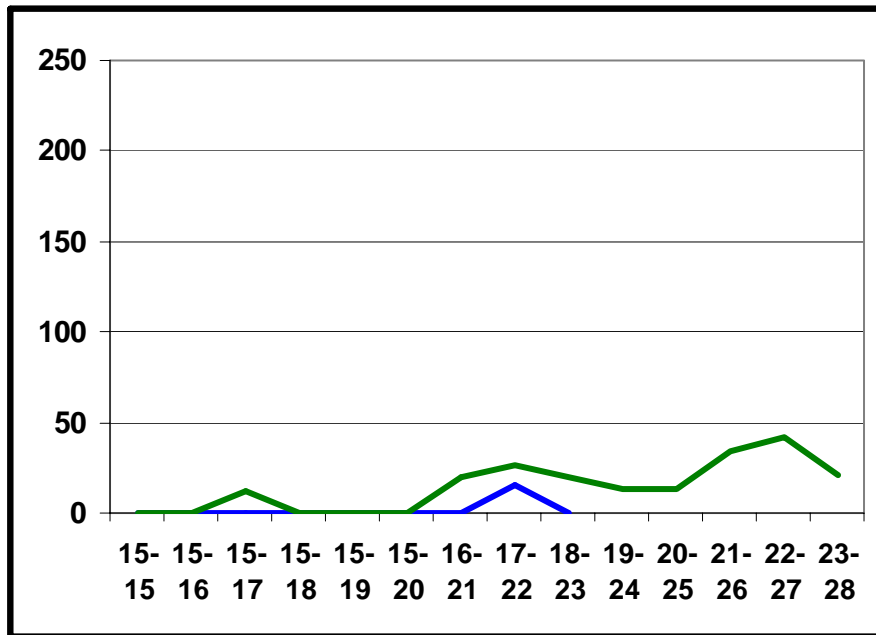
Birth cohorts



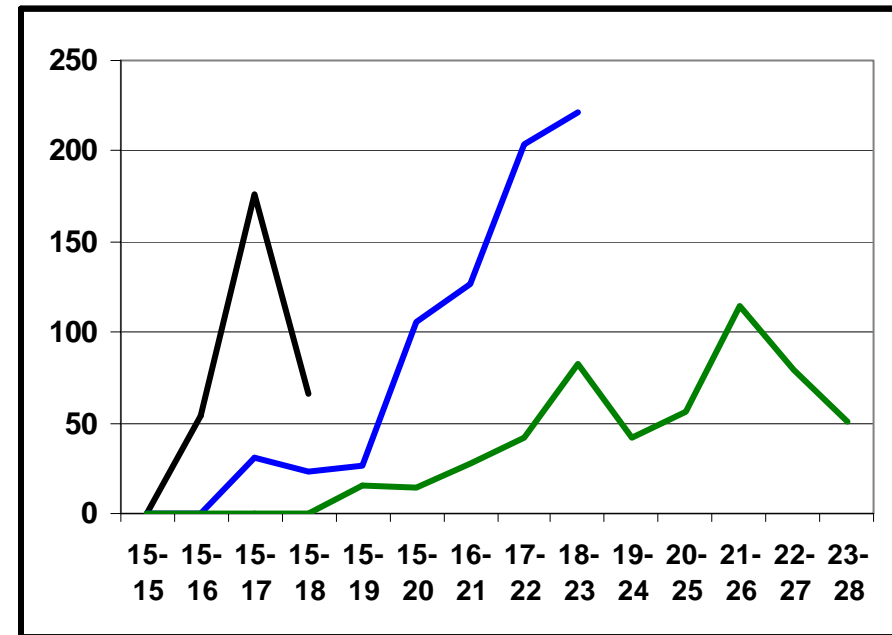
Rates of 4+ attempted suicides

Number of attempts per year per 100,000 persons

Males



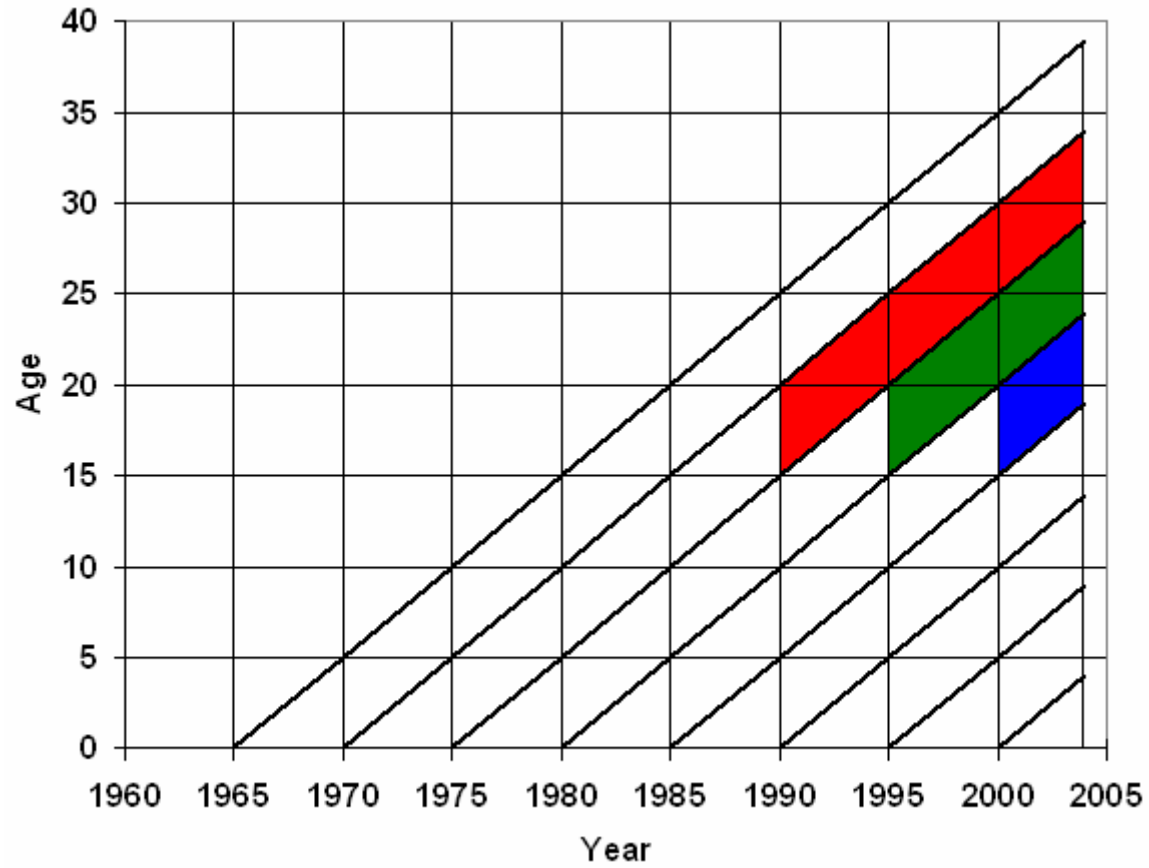
Females



Birth cohorts



Lexis diagram, birth cohorts 1970-1984



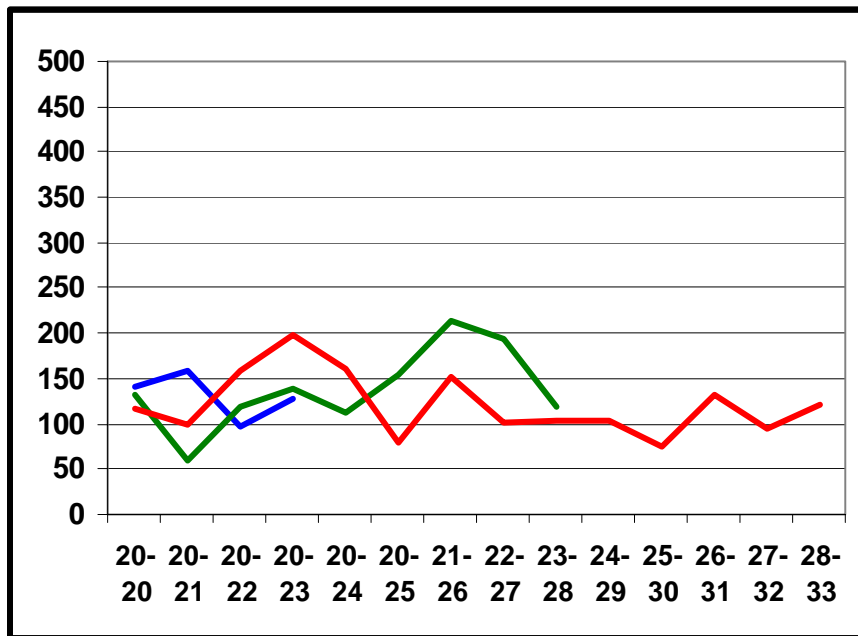
Birth cohorts



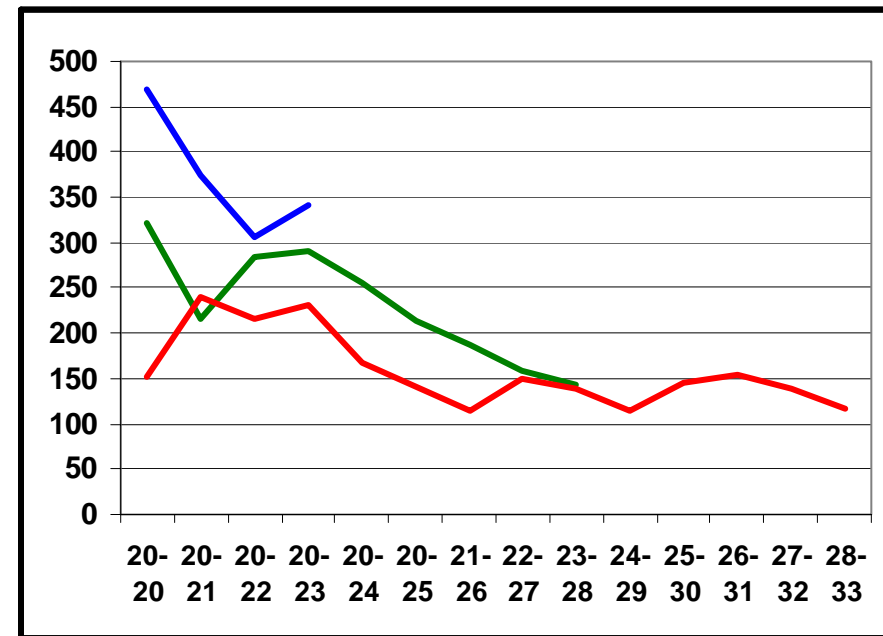
Rates of index attempts

Number of attempts per year per 100,000 persons

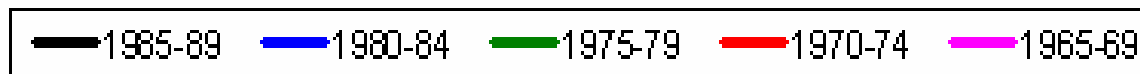
Males



Females



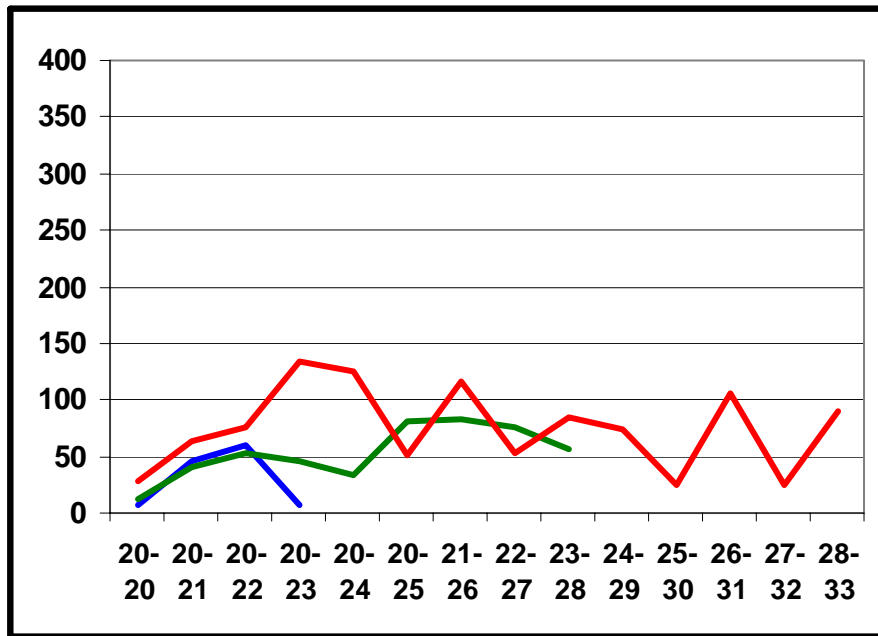
Birth cohorts



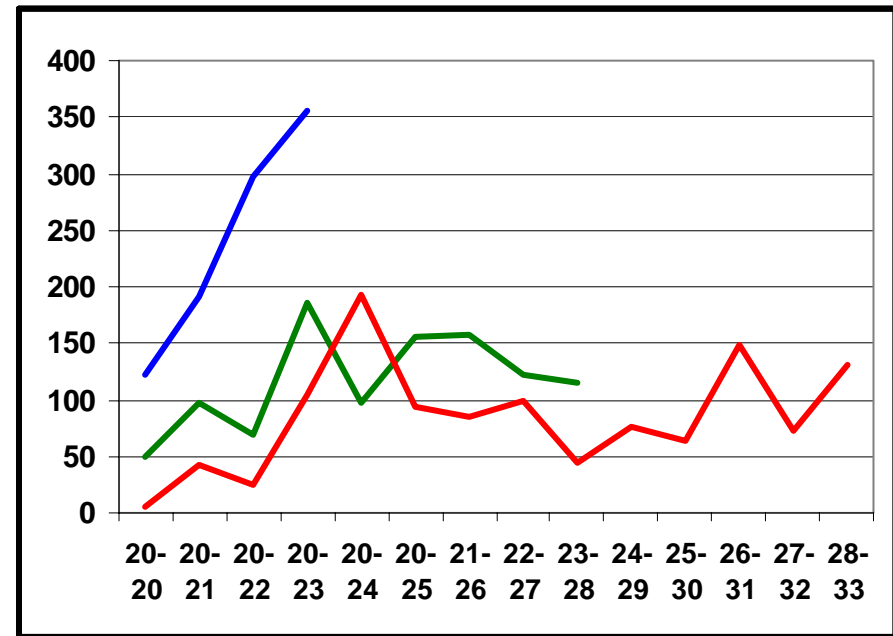
Rates of repeated suicide attempts

Number of attempts per year per 100,000 persons

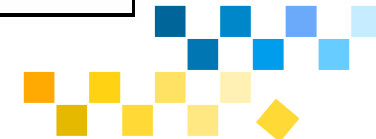
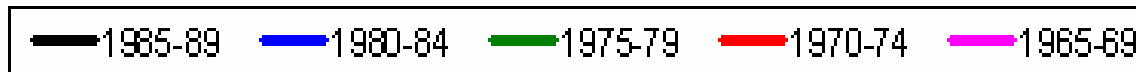
Males



Females



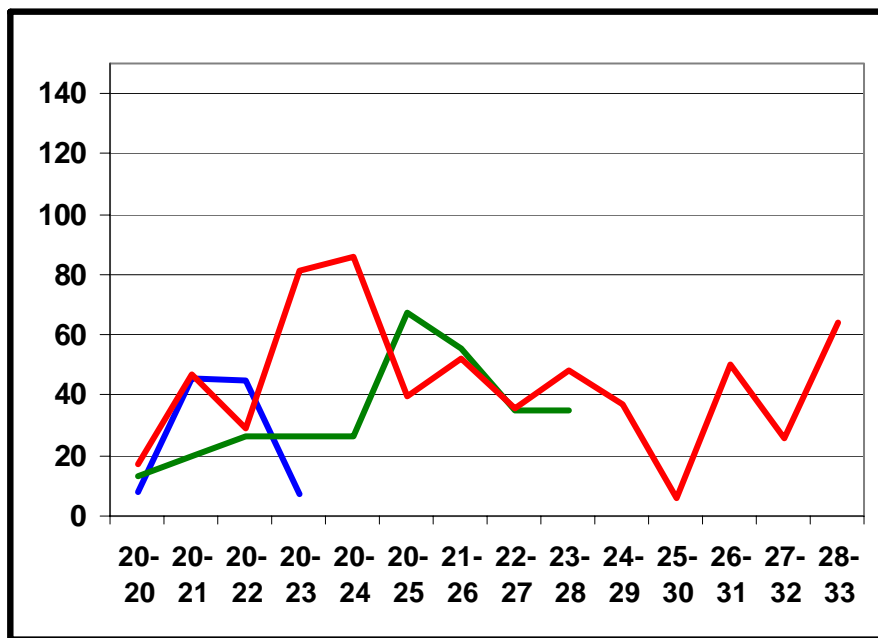
Birth cohorts



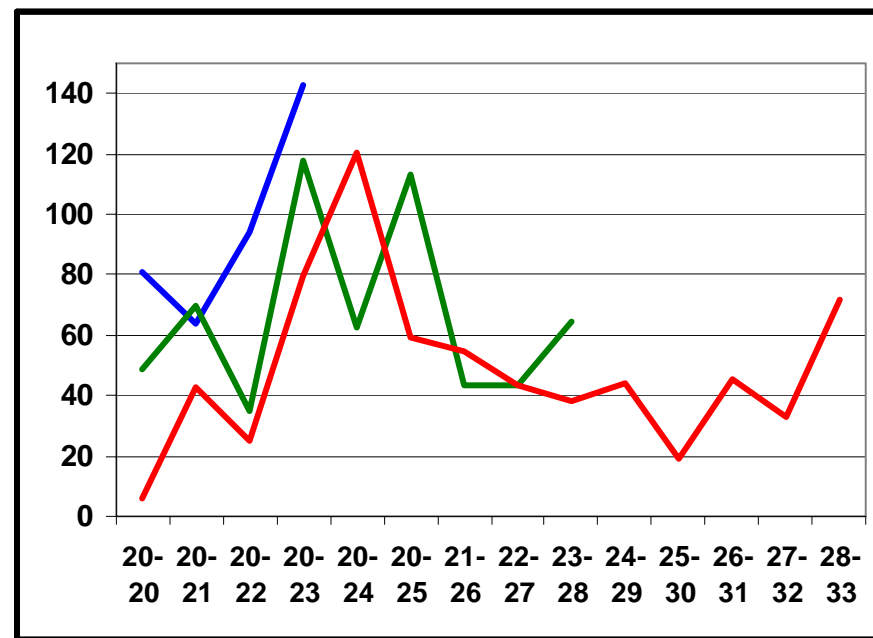
Rates of 2nd and 3rd attempted suicide

Number of attempts per year per 100,000 persons

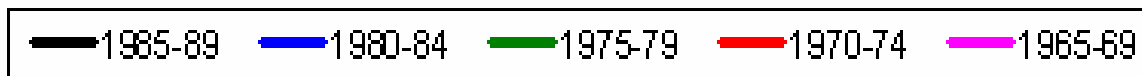
Males



Females



Birth cohorts

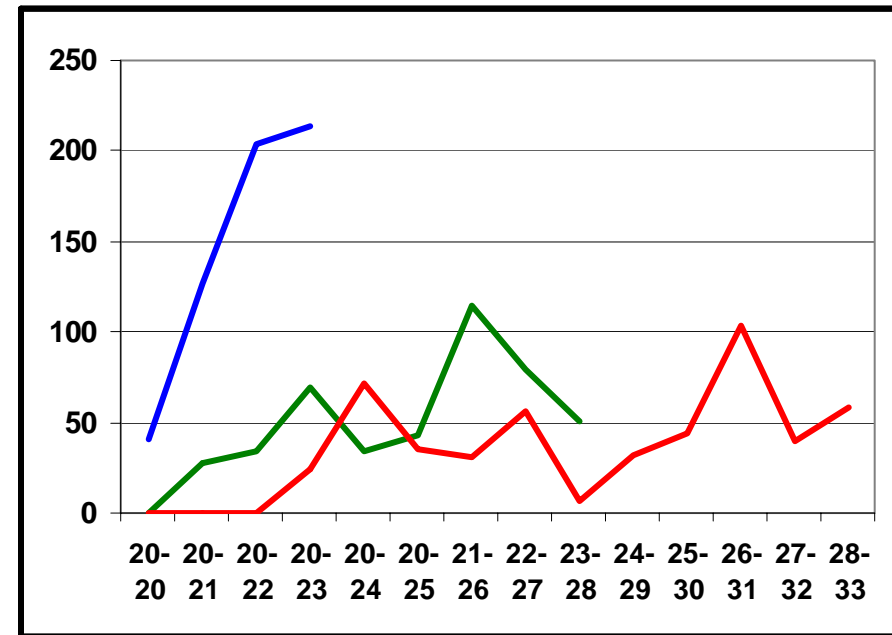
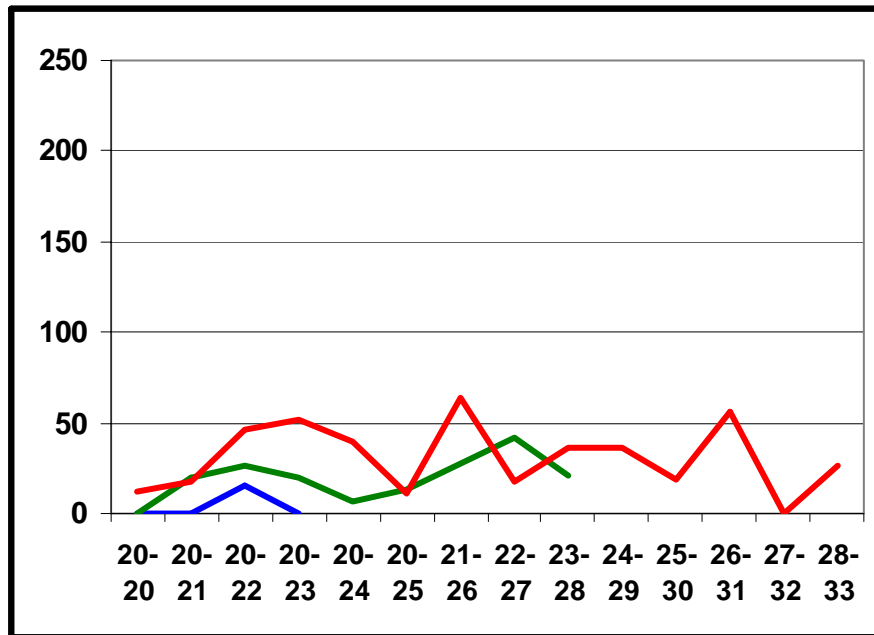


Rates of 4+ attempted suicides

Number of attempts per year per 100,000 persons

Males

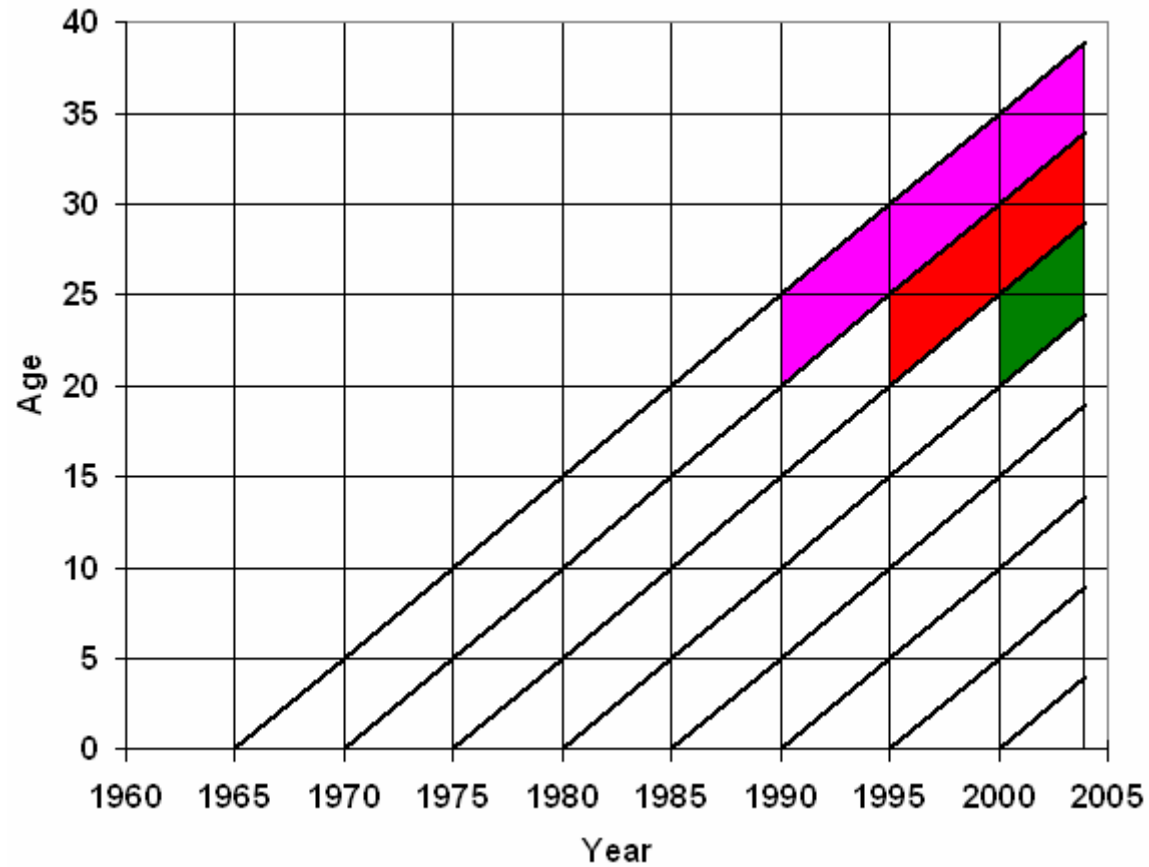
Females



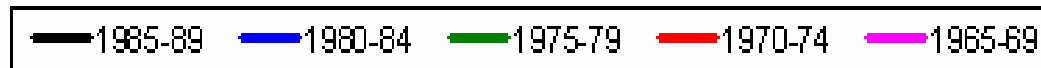
Birth cohorts



Lexis diagram, birth cohorts 1965-1979



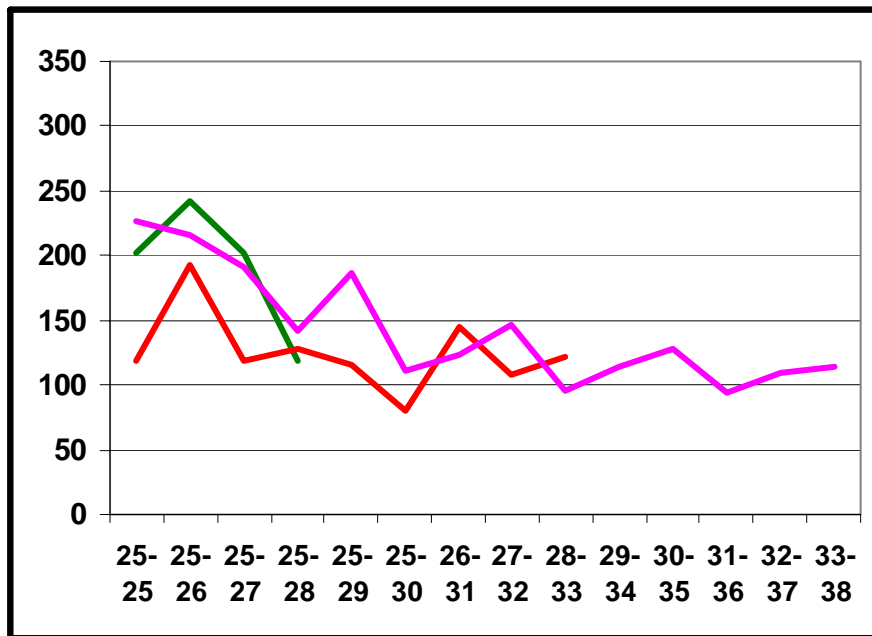
Birth cohorts



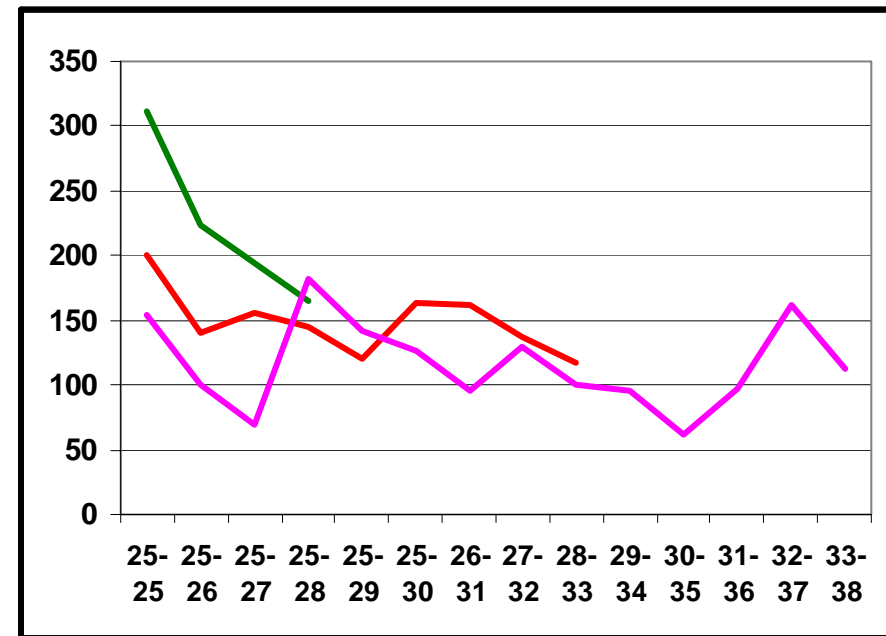
Rates of index attempts

Number of attempts per year per 100,000 persons

Males



Females



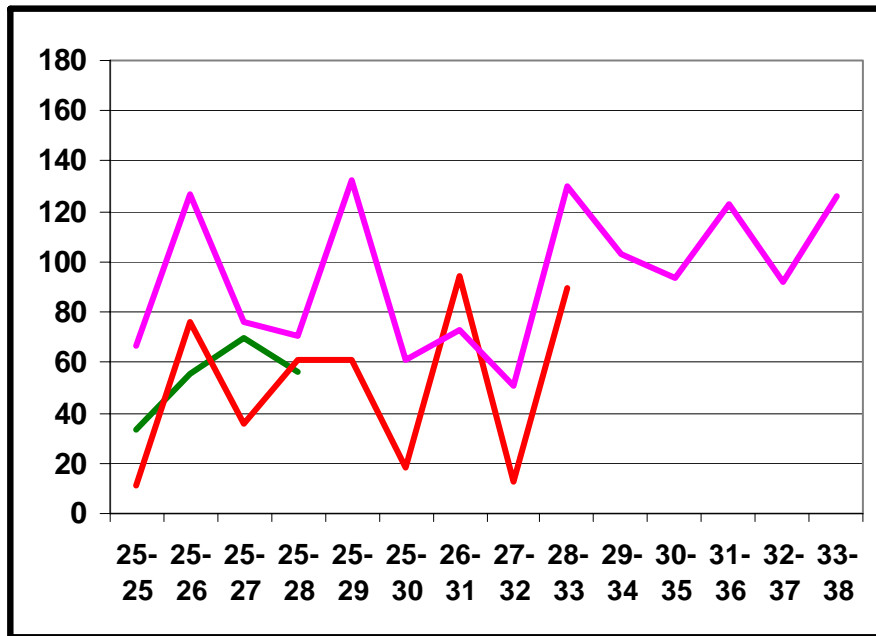
Birth cohorts



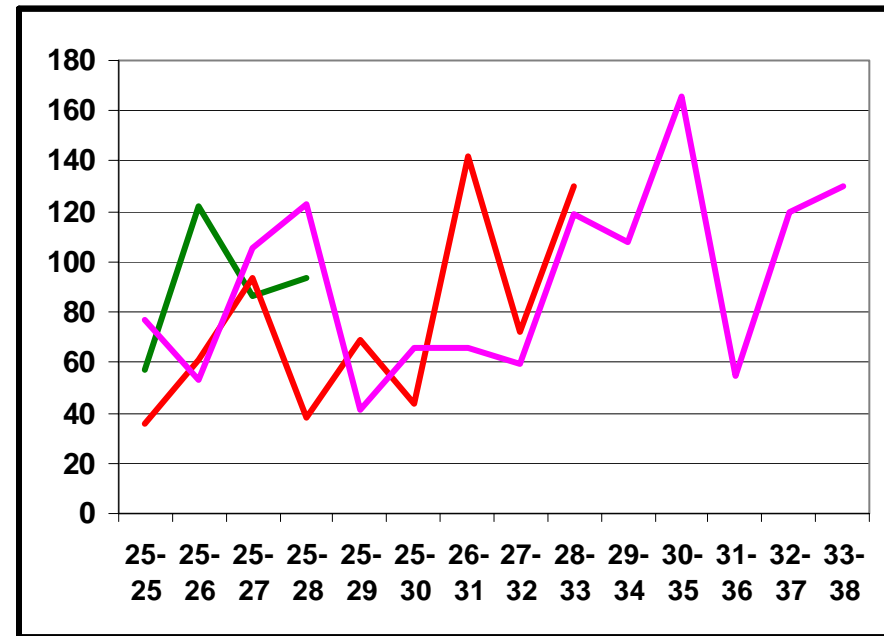
Rates of repeated suicide attempts

Number of attempts per year per 100,000 persons

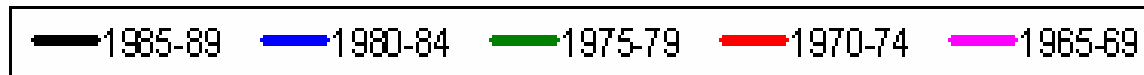
Males



Females



Birth cohorts

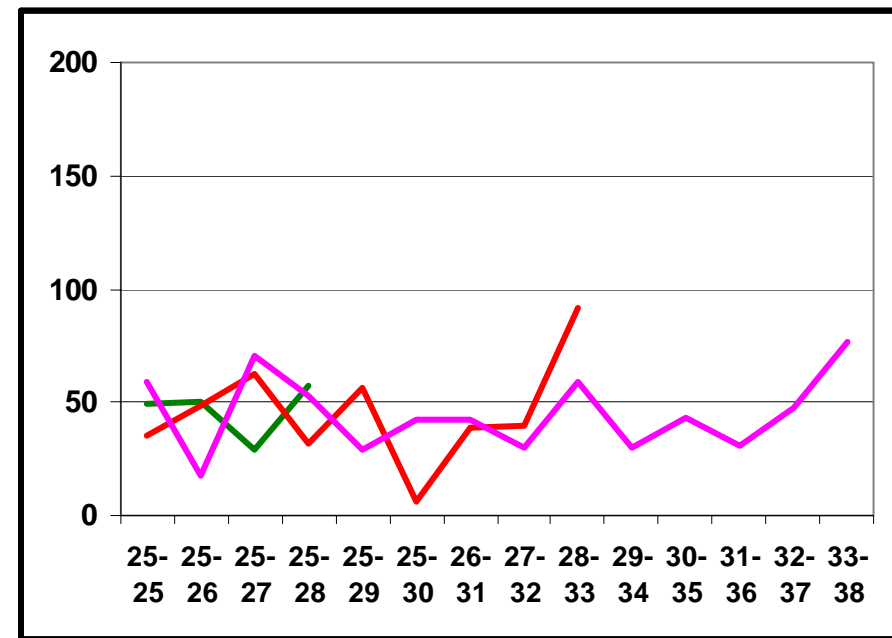
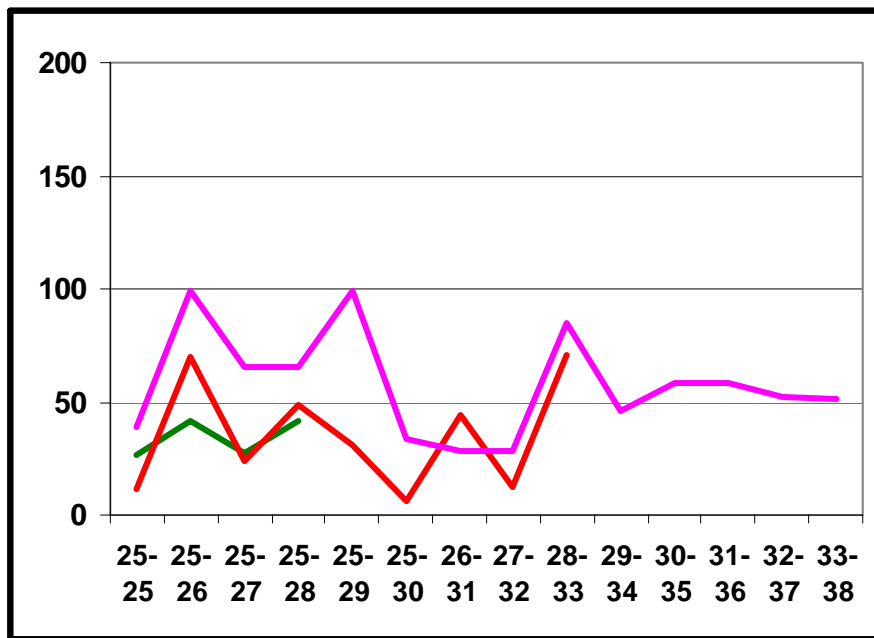


Rates of 2nd and 3rd attempted suicide

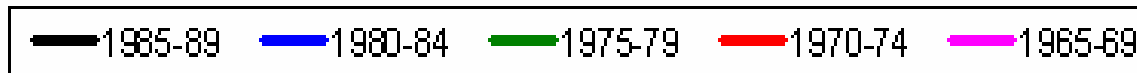
Number of attempts per year per 100,000 persons

Males

Females



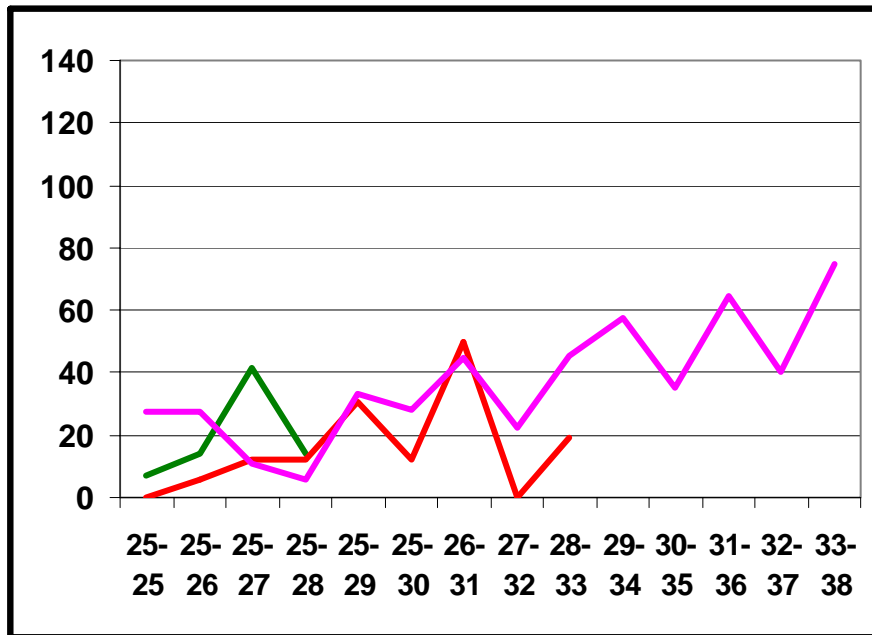
Birth cohorts



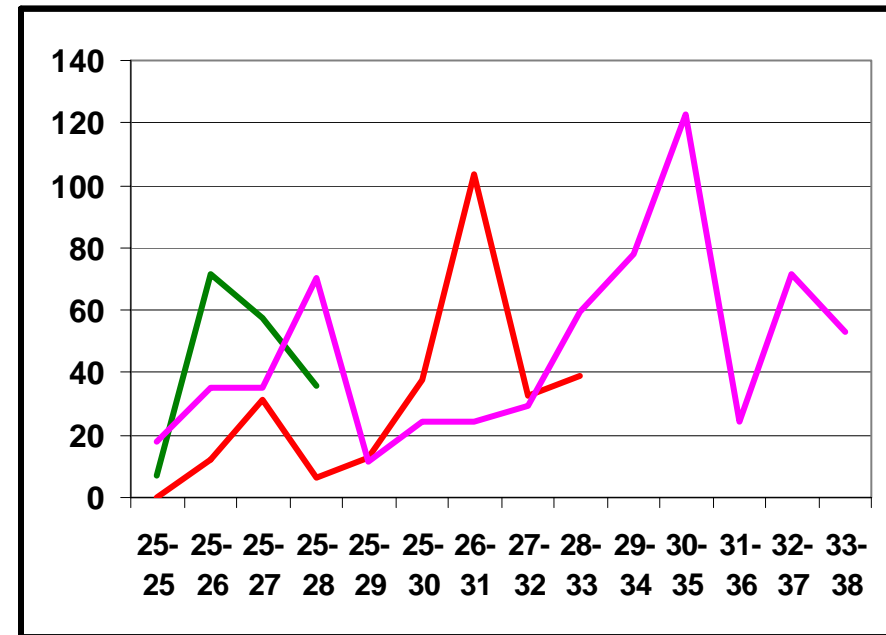
Rates of 4+ attempted suicides

Number of attempts per year per 100,000 persons

Males



Females



Birth cohorts



Conclusions

Rates of attempted suicide have increased for the generation born in the 1980-es.

- An increasing number of young females have an attempted suicide
- An increasing number of young females attempting suicide have several attempts

