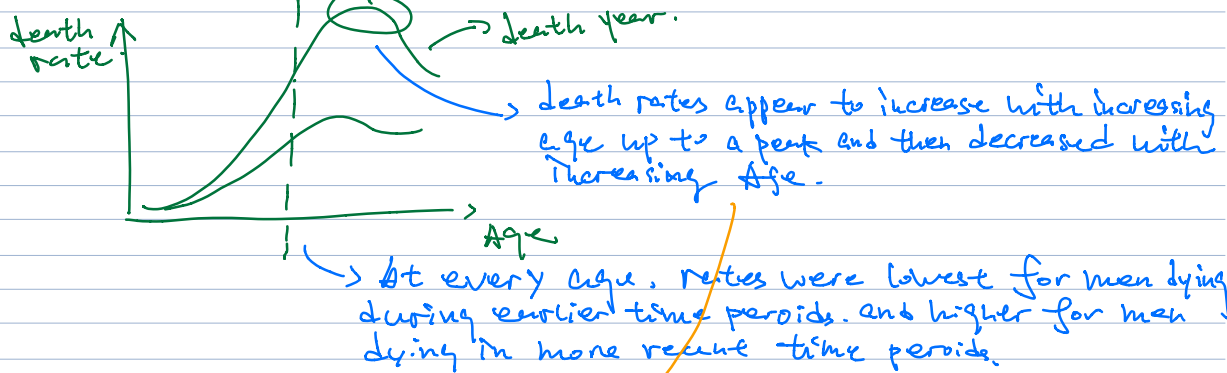
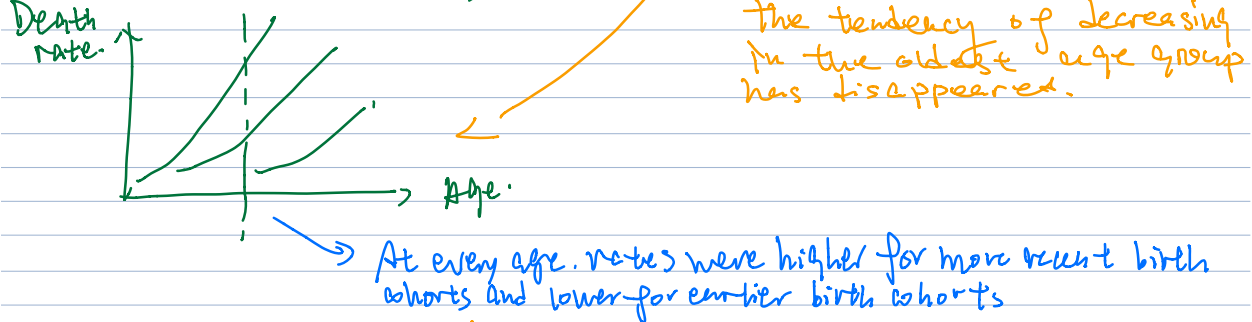


## Lung cancer cross-sectional curves



## Birth cohorts curves



- increased proportions of the male population who smoked cigarettes during the period.
- earlier birth cohorts were less likely to take up smoking than more recent cohorts. Since this habit is usually initiated during one's teenage years or early 20s.
- the decrease in rates after a peak age is due to cohort effect.

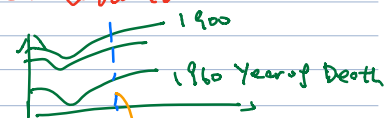
people in the older age  
coming from earlier  
birth cohorts

## Tuberculosis cross-sectional curve

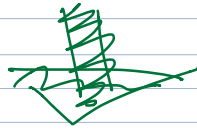


old population came from the  
earlier birth cohort, which had  
a high death rate.

Death rate decrease dramatically  
in the first half of the 20th  
century.



Apparent increase in TB (after 10)  
observed in the more recent  
cross-sectional curves appears  
to be due to a cohort effect.



patterns.

↑ Increase rates  
over decades may  
result in age-specific  
rates of cross-sectional  
curves to artificially  
go down among older ages  
older birth  
cohort.

↓ decrease rates over  
decades may result in  
Age-specific rates of  
cross-sectional curves to  
artificially go up among  
older ages.