Contents

General Notes:

Lecture 1: Measuring Aging

Defining ageing.

- Demographic Process

- Change in health

- Change in productivity

Life Tables

EXAM QUESTION EVERY YEAR: What is the difference between period and cohort life tables

Observed data vs fictitious cohort

- Period life table can be observed at each period, but does not reflect mortality experience of a real cohort

- Cohort life table can be observed once every individual of a cohort has died.

Old Age Dependency Ratios

$$\frac{Number\ of\ People\ Older\ than\ 65}{Number\ of\ People\ between\ 15-65}$$

$$\frac{D_{65+}}{N_{15-64}}$$

Ageing by the Top

From the bottom

Ageing driven by fertility decrease : reductions in number of youths or prime aged individuals

- Historically decline in infant mortality led to increase in the share of the 60+

From the Top

More recent realisation that recent ageing process is essentially ageing by the top

- Recent gains in life expectancy come from gains at older ages

- Variety of experience at international level