

Glossary

1. **Forces of Mortality**

The force of mortality represents the instantaneous rate of mortality at a certain age measured on an annualized basis.

2. **Life Expectancy**

Life expectancy is the expected (in the statistical sense) number of years of life remaining at a given age. It is denoted by e_x , which means the average number of subsequent years of life for someone now aged x , according to a particular mortality experience.

3. **Life Table**

In actuarial science and demography, a life table (also called a mortality table or actuarial table) is a table which shows, for each age, what the probability is that a person of that age will die before his or her next birthday ("probability of death").

4. **Life Span**

A Maximum life span is a measure of the maximum amount of time one or more members of a population has been observed to survive between birth and death.

5. **Longevity**

The word "longevity" is sometimes used as a synonym for "life expectancy" in demography - especially when it concerns someone or something lasting longer than expected.

6. **Primitive**

It is relating to or denoting the earliest times in history or stages in evolution or development.

7. **Infant Mortality**

Infant mortality occurs when a child dies before their first birthday.

8. **Corollary**

Logic a proposition that follows from one already proved.

9. **Annulment**

Declare invalid (a law or contract, especially that of marriage).

10. **Monotonic**

Mathematics varying in such a way that either never decreases or never increases.

11. **Prevail**

Prove more powerful or superior; be widespread or current.

12. **Legal separation**

Arrangements by which a husband and wife remain married but live apart, following a court order.

13. **Death statistics**

Death statistics are needed for the purpose of demographic studies and for public health administration.

14. **Stationary Population**

A population is said to be stationary if it is of constant size, and constant age and sex composition over time.

15. Curate expectation of Life

The curate expectation of life gives the average number of complete years of life lived by the cohort l_0 after age x by each of l_x persons attaining that age.