

Glossary

1. **Crude Death Rate (CDR)**

The crude death rate or crude mortality rate is defined as the ratio of the number of deaths during the year to the average population in that year; the value is expressed per 1000 inhabitants.

2. **Standardized Death Rate (STDR)**

To overcome drawbacks in the formulation of the calculations due to non-identical age distributions of the populations between two regions, adjusted death rate also known as Standardised death rate has been used; it uses the same set of weights for computing the weighted average of the age related Specific Death Rate.

3. **Total Fertility Rate (TFR)**

The total fertility rate (TFR), sometimes also called the fertility rate, period total fertility rate (PTFR) or total period fertility rate (TPFR) of a population is the average number of children that would be born to a woman over her lifetime if,

- She were to experience the exact current age-specific fertility rates (ASFRs) through her lifetime
- She were to survive from birth through the end of her reproductive life

4. **Net Reproduction Rate (NRR)**

Net reproduction rate (NRR), measures the number of daughters a woman would have in her lifetime if she were subject to prevailing age-specific fertility and mortality rates in the given year.

5. **Gross Reproduction Rate (GRR)**

The gross reproduction rate (GRR) is the average number of daughters that would be born to a woman (or a group of women) if she survived at least to the age of 45 and conformed to the age-specific fertility rate of a given year. It is often regarded as the extent to which the generation of daughters replaces the preceding generation of females.

6. **Notations**

A system of written symbols used to represent number, amounts or elements in a field such as music or mathematics.

7. **Life Expectancy**

It is the expected (in the statistical sense) number of years of life remaining at a given age; it is denoted by ' e_x '.

8. **Survival Rate**

In biostatistics, survival rate is a part of survival analysis, indicating the percentage of people in a study or treatment group who are alive for a given period of time after diagnosis.

9. **Sex Ratio**

Sex ratio is the ratio of males to females in a population. The primary sex ratio is the ratio at the time of conception, secondary sex ratio is the ratio at time of birth, and tertiary sex ratio is the ratio of mature organisms.

10. Life table

Life table is basically a list of mortality, survivorship, and life expectancy figures categorized by age class.

11. Specific Fertility Rate (SFR)

The fertility rate computed with respect to any specific factor is called specific fertility rate and is defined as specific fertility rate is equal to number of births to the female population of the specific section in a given period divided by total number of female population in the specified section into k where k is equal to 1000 usually.

12. Specific Death Rate (SDR)

It is a death rate computed for a particular period specific to the section of the population.

13. Infant Mortality Rate

The Infant mortality rate is defined as the chance of dying of a newly born infant within a year under a given mortality conditions.

14. Fertility

In demography, the word fertility is used in relation to the actual production of children or 'occurrence of births, especially live births'.

15. Reproduction Rate

Reproduction Rate is an alternate for population growth as the fertility rates are unsuitable for giving an idea of the rate of population growth because they ignore the sex of the newly born children and their mortality.