

Frequently Asked Questions

1. What is Mortality Rate?

Answer:

Mortality rate is a measure of the number of deaths (in general, or due to a specific cause) in a population, scaled to the size of that population, per unit of time. Mortality rate is typically expressed in units of deaths per 1000 individuals per year.

2. What is Crude Death Rate?

Answer:

The Crude death rate is the simplest of all the indices of mortality and is defined as the number of deaths (from all causes) per k-persons in the populations in the given region or community during a giving period. Thus, in particular, the annual crude death rate denoted by 'm' for any region or community.

3. What is a Specific Death Rate?

Answer:

Death rate computed for a particular period specific to the section of the population is termed as specific death rate.

4. What is Infant Mortality Rate?

Answer:

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

5. What is Standardized Death Rate?

Answer:

In the Crude death rate and Age specific death rate there are certain draw backs in the formulation of the calculations since the age distributions of the populations between two regions are not identical. To remove this draw back it was suggested to use the same set of weights for computing the weighted average of the age related Specific Death Rate. Such an adjusted death rate is known as Standardized death rate.

6. What does fertility mean?

Answer:

In demography, the word fertility is used in relation to the actual production of children or 'occurrence of births, especially live births'. Fertility must be distinguished from fecundity which refers to the capacity to bear children. In fact, fecundity provides an upper bound for fertility.

7. What are the measures of fertility rate?

Answer:

As a measure of the rate of growth of population various fertility rates are computed. Crude Birth Rate (CBR), General Fertility Rate (GFR), Specific Fertility Rate (SFR), Total Fertility Rate (TFR)

8. What does Crude Birth rate?

Answer:

Crude Birth Rate (CBR) The crude Birth rate method is the simplest of all the measures of fertility and consists in relating the number of live births to the total population. This provides an index of the relative speed at which additions are being made through the child birth.

9. What is General Fertility Rate?

Answer:

General Fertility Rate is a probability rate since the denominator consists of the entire female population which is exposed to the risk of production, reflects the extent to which the female population in the reproductive ages increases the existing population through live birth and takes into account the sex distribution of the population and also the age structure to a certain extent.

10. What is a total fertility rate?

Answer:

A simple technique is to obtain standardized fertility rate. This leads to total Fertility Rate (TFR) which can be obtained by adding the Annual Age specific fertility rate.

11. How is specific fertility rate defined?

Answer:

Specific fertility rate 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. What is reproduction rate?

Answer:

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.

13. What do you mean by gross reproduction rate?

Answer:

The gross reproduction rate is defined as the sum of age specific fertility rates calculated from female births for each year of reproductive period. Gross reproduction rate measures the rate of which a new born female would on an average add to the total female population, if they remained alive and experienced the age specific fertility rate till the end of the child bearing period.

14. What is Net reproduction rate?

Answer:

The net reproduction rate is a rate that indicates the rate at which the number of female births would eventually grow per generation if the same fertility and mortality rates remained in operation.

15. What is a life table?

Answer:

The life table is a key summary tool for assessing and comparing mortality conditions prevailing in populations. This is a table that presents data on the age specific mortality and survivorship of a population and can be used to compare populations under different circumstances.