

<b>Mortality rate</b>	$\frac{\text{Deaths in a given period of time}}{\text{Size of the population among which deaths occurred in the same period of time}}$	x Constant
<b>Crude Death Rate (CDR)</b>	$\frac{\text{Total deaths in a given period of time and locality}}{\text{Estimated mid year population in the same year and locality}}$	x 1000
<b>Age Specific Mortality</b>	$\frac{\text{Total deaths among a certain age group in a given period of time and locality}}{\text{Estimated mid year population of the same age group in the same year and locality}}$	x 1000
<b>Infant mortality rate (IMR)</b>	$\frac{\text{Deaths below 1 year of age in a given year and locality}}{\text{Total number of live births in the same year and locality}}$ Reflects socioeconomic development and health services	x 1000
<b>Neonatal mortality</b>	$\frac{\text{Deaths below 28 days of age in a given year and locality}}{\text{Total number of live births in the same year and locality}}$ Reflects primarily quality of obstetric care and neonatal care as well as maternal nutrition and health status	x 1000
<b>Post neonatal mortality</b>	$\frac{\text{Deaths from 28 days to less than 1 year of age in a given year and locality}}{\text{Total number of live births in the same year and locality}}$ Reflects infants' health care, nutrition and sanitation of the environment	x 1000
<b>Peri natal mortality</b>	$\frac{\text{Deaths from 28th week of gestation to less than 7 days of age in a given year and locality}}{\text{Total number of births (live and still) in the same year and locality}}$ Reflects maternal health status, quality of maternal care and obstetric services	x 1000
<b>Under-5 mortality rate</b>	$\frac{\text{Deaths below 5 years of age in a given year and locality}}{\text{Total number of children below 5 years of age in the same year and locality}}$	x 1000
<b>Maternal Mortality Ratio (MMR)</b>	$\frac{\text{Deaths due to maternal causes in a given year and locality}}{\text{Total number of live births in the same year and locality}}$ Reflects the status of maternal health and nutritional status, the quality of antenatal, natal and postnatal care as well as family planning services	x 100 000
<b>Cause Specific death rate</b>	$\frac{\text{Deaths from a certain cause in a given year and locality}}{\text{Estimated mid year population in the same year and locality}}$ Reflects the leading causes of mortality	x 100 000
<b>Proportionate mortality rate</b>	$\frac{\text{Deaths from a certain cause in a given year and locality}}{\text{Total deaths from all causes in the same year and locality}}$ Reflects the burden of diseases in the community	x 100
<b>Case fatality rate</b>	$\frac{\text{Deaths from a certain disease in a given year and locality}}{\text{Total number of cases of the same disease in the same year and locality}}$ Reflects the virulence and pathogenicity of the organism	x 100

