

CRUDE BIRTH RATE

The crude birth rate is defined as the number of live births occurring among the population of a given geographical area during a given year. In the Province of Bataan, for CY 2011-2015, table and figure on Crude Birth Rate demonstrate fluctuation of trend, with continuous decline of live births from 19.15 in year 2011 to 15.45 in year 2014 and a sudden minimal increase of .64 by year 2015. The total crude birth rate decrease from year 2011-2015 was 3.06.

CRUDE DEATH RATE

The crude death rate is defined as the ratio of total deaths to total population in a specified community or area over a specified period of time. This is often expressed as the number of deaths per 1,000 of the population per year. In the Province of Bataan, for CY 2011-2015, table and figure on Crude Death Rate demonstrate fluctuation of trend, with continuous decline of death rate from 2011-2013 by .72 and sudden increase of .62 by 2014 and decrease again of .58 by 2015. The total crude death rate decline from year 2011-2015 was .68.

INFANT MORTALITY RATE

Infant mortality refers to deaths of young children, typically those less than one year of age. It is measured by the infant mortality rate (IMR), which is the number of deaths of children under one year of age per 1000 live births. In the Province of Bataan, for CY 2011-2015, table and figure on Infant Mortality Rate demonstrate fluctuation of trend with continuous decline of infant mortality rate from year 2011-2013 by 1.75%, sudden increase of .77% by year 2014 and decrease again of 1.85 by year 2015. Many factors may contribute to infant mortality, such as the mother's level of education, environmental conditions, and political and medical infrastructure. Improving sanitation, access to clean drinking water, immunization against infectious diseases, and other public health measures can help reduce high rates of infant mortality.

PERINATAL MORTALITY RATE

To calculate perinatal mortality rate, basis such as perinatal mortality (PNM) is needed, also known as perinatal death, which refers to the death of a fetus or neonate. Moreover, the World Health Organization defines perinatal mortality as the "number of stillbirths and deaths in the first week of life per 1,000 total births, the perinatal period commences at 22 completed weeks (154 days) of gestation and ends seven completed days after birth". In the Province of Bataan, for CY 2011-2015, table and figure on Perinatal Mortality Rate demonstrate fluctuation of trend with continuous decline of perinatal mortality rate from year 2011-2013 by 1.93, sudden increase of 2.52 by year 2014 and decrease again of 2.88 by year 2015. Perinatal mortality rate of the province from year 2011-2015 shows a total decrease of 2.29. Known causes of perinatal mortality are preterm birth, infant respiratory distress syndrome, and birth defects.