

Epidemiology Practice Questions

1. County S has a population of 453,957. There have been 564 cases of Legionnaire's Disease reported in the last month. Using 100,000 as the multiplier, what is the incidence rate for this county? Round to the nearest whole number.
2. City T has a population of 123,987. The number of live births last year was 4,560. Using 1,000 as the multiplier, what is the birth rate for last year? Round to the nearest whole number.
3. The total number of deaths in County X last year was 45. The population of County X was 23,788. Using 10,000 as the multiplier, what was the crude death rate? Round to the nearest whole number.
4. City A has had 150 deaths from influenza in 2020. The population for City A in 2022 was 51,483. Using 10,000 as the multiplier, what is the specific death rate from influenza? Round to the nearest whole number.
5. City K had 4,562 neonatal deaths in 2018 out of 50,354 live births. Using 1,000 as the multiplier, what is the neonatal mortality rate? Round to the nearest whole number.