

Tour II: Activity #12 - Rates (Answers)

- Calculate the mortality rate per 100,000 for the following years:
 - 1980: 179,300 persons 711 death **397 per 100,000** mortality rate
 - 1990: 203,255 persons 921 deaths **453 per 100,000** mortality rate
- Calculate the incidence rate per 100,000 for the following diseases:
 - Heart disease 2,480 new cases 150,000 population **1653 per 100,000** rate at midyear
 - Accidents 695 new cases 115,000 population **604 per 100,000** rate
- Calculate the prevalence rate per 100,000 for the following diseases:
 - Cancer 12,000 (total cases) 150,000 population **8000 per 100,000** rate
 - Diabetes 1,200 (total cases) 123,000 population **976 per 100,000** rate
- Calculate the infant mortality rate per 1000 (usual constant) for the following years:
 - 1980: 100,000 live births 20,000 deaths **200 per 1000** rate
 - 1990: 200,000 live births 1500 deaths **7.5 per 1000** rate