

Exercise Answers

1. 200 students out of 1500 in the School of Nursing currently are habitually physically inactive.
 - a. What is that measure called? **prevalence**
 - b. Calculate the measure. **$1200/1500 = 800/1000$**

2. Six out of those 1500 students develop meningitis in the next year.
 - a. What is that measure called? **incidence rate**
 - b. Calculate the measure. **$6/1500 = 4/1000$**

3. Two of those six students die.
 - a. What rate would you calculate? **case fatality rate**
 - b. Calculate the measure. **$2/6 = 33\%$**

4. You wish to compare rates of death for UMB's nursing and social work students.
 - a. What rates should you first calculate? **crude mortality rates**

5. You wish to compare death rates for male and female faculty members at UMB.
 - a. What rates should you calculate? **age-specific mortality rates**

6. You wish to compare rates of death from cancer for two countries.
 - a. What rates should you calculate? **age-adjusted mortality rates**