

OH MY!

Endemic, Epidemic, Pandemic

Part One- Endemic, Epidemic, and Pandemic... Oh My!

Use the following website to aid in this assignment: <http://education-portal.com/academy/lesson/the-spread-of-disease-endemic-epidemic-pandemic.html#lesson>

Instructions: Define these following terms and give an example of each:

ENDEMIC- when a disease is present in a population of people or geographic region at consistent levels

malaria → tropical areas South & Africa

EPIDEMIC- when an outbreak of disease affects a disproportionately higher number of individuals than normal at a given time **EX: SARS outbreak 2003**

PANDEMIC- an epidemic that occurs over a wide area such as multiple continents or the entire world
EX: Spanish -Flu, HIV/AIDS

Part Two- The Different Routes of Infectious Disease Transmission

Use the following website to aid in this assignment: <http://education-portal.com/academy/lesson/transmission-of-infectious-diseases-routes-chains-mathematical-models.html#lesson>

Instructions: Define the following terms and give an example of each:

HORIZONTAL DISEASE TRANSMISSION- spread through non-hereditary means
bodily fluids, contact **Flu**

VERTICAL DISEASE TRANSMISSION- Spread genetically from parent → offspring

VECTOR- any organism that carries and transmits an infectious agent into another organism
mosquito

VEHICLE- specific type of fomite like
Water or food

FOMITE- nonliving object that transmits disease-causing pathogens
a dish sponge

Infectious Disease

Transmission