

Topic/Objectives: 9-2 Biological and Social Hazards; (1) Describe how infectious diseases spread, (2) Explain why emerging diseases are important to monitor and control, (3) Differentiate between social hazards that are lifestyle choices and those that cannot be controlled.	Name:
	Date:
	Period:

Essential Question: How do biological and social factors in the environment affect human health?

Questions:	Notes:
	<p>_____ are spread by human contact, through food and water, and by animals.</p> <ul style="list-style-type: none"> ◦ Infectious diseases are caused by _____, such as a virus or bacterium. ◦ Spread of infectious diseases is less of a threat in _____ nations due to public health. <ul style="list-style-type: none"> ◦ Water treatment facilities ◦ Waste management ◦ Health education ◦ Improved medical facilities ◦ Improved, available medicine
	<p>New diseases are continually emerging, making _____ important.</p> <ul style="list-style-type: none"> ◦ _____ diseases is a disease that has appeared in the human population for the first time (e.g. H1N1 swine flu). ◦ Emerging diseases may lead to an _____ because humans have developed little to no resistance to them. ◦ An epidemic is a widespread occurrence of an infectious disease in a _____ over a period of time. ◦ A _____ may eventually occur, in which the outbreak affects a whole region, continent, or the world.
	<p>Factors causing diseases to spread include:</p> <ul style="list-style-type: none"> ◦ Many diseases are becoming more mobile as society _____ (people and animals are moved around Earth). ◦ Some diseases are becoming _____ to our antibiotics. ◦ Environments are changing as people encroach on land in which other _____ live. ◦ _____ warm seasons mean longer seasons for spread of tropical diseases.

[illegible]