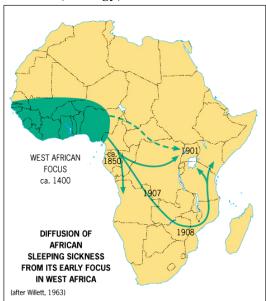
Name:		Perio	d: Date:
AP PREP	Medical Geogr	aphy	Rural Geography
	complete the definition or sented, not just the blanks you fill in.	ence. Note: All of the foll	owing information in addition to your
The Distribution			
<u> </u>	- •	0 0 1	on routes, and affect clusters of
Regions where	prevails are al sub-standard housing.		dequate medical services, poor
malnutrition are	e leading killers of children w	orldwide); 27 countries	th of a society (diarrhea & still have IMRs > 100. nigh in much of Africa & Asia;
insufficient calo	condition related to a lack of pries; affect millions of childre – reported as very low	protein early in life; mar on – mostly in the LDCs on areas with high IMR	asmus = inadequate protein & (least developed nations). s and CMRs; women almost always
· "	person who has survived beyon of populations – 600 million stly in the MDCs (most devel	people age 60 and older	o live well beyond life expectancy. worldwide; the number is
G	, ,		
The Distribution	of Disease major types of diseases:		
	result from an invasion o	f parasites; 65% of all ill	nesses.
	(degenerative) - diseases of		
3	(inherited) - traced to genet	ic factors; chromosomes	& genes.
More terms & d	lefinitions:		
		large number of people	in a region (may be associated with
a large num	ber of deaths.		
•	when the outbreak spread	, 0	•
	 used to describe a disease the 		
•	organisms (e.g. worms, insec		
•	when a population contain	O	
	_ disease = when a disease is t disease = spread through		the next by an intermediate host;
•	- a mechanical vector (water,		Tiost (vector).
Vectored Infectio	115 Diseases		
	ccurs worldwide, but not at		Arctic Circle Circle
	; mosquitoes are the vectors;	ATLL 40°	ANTIC
U	ide fever, chills, reduced	ATLANTIC OCEAN	PACIFIC
	her susceptibility to other	20° 20°	OCEAN
· ·	/w 2-3 million yearly).	N Sale Sa	INDIAN OCEAN Equator 0
	IO (World Health	20° \ 20° \ 20° \ 20°	ANTIC 20° 20° Tropic of 20°
	sed DDT (a pesticide) to	400	CEAN
	ia in Sri Lanka (Ceylon); genic: trade one problem	60° 40° 60°	SOUTHERN - OCEAN 100° 120° 140° 160° 100° 120° 140° 160° 160° 160° 160° 160° 160° 160° 16
8	, r ~~		Antarctic Circle

with another.

Vectored Infectious Diseases (cont'd)

- _____ now confined to tropical & near-tropical areas; mosquitoes are the vectors; symptoms - high fever w/ aches & vomiting; can color eyes and skin yellow (jaundice).
- _____ source is in West Africa; tsetse flies are the vectors & Africa's huge wildlife population acts as a reservoir; symptoms - fever w/ swelling of lymph nodes, and swelling of limbs in some cases; inflammation can go to brain & spinal cord (lethargy).

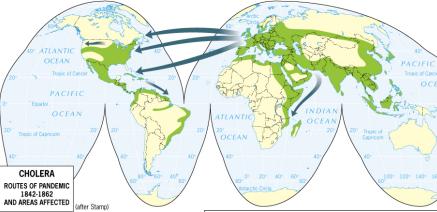


- ____ source is in tropical Africa; spreads through exchange in bodily fluids; breaks down the immune system; people can carry HIV for years w/ no symptoms; 1980 - 200,000 cases; 2002 - >40 million cases.
- source is in India; symptoms include diarrhea & dehydration (death can be convulsive); hygiene prevents it (e.g. boiling water) this fact was first discovered in England by Dr. John _____ in the 1850s; he mapped out the reported cases, and saved hundreds of lives.

• ______ - very recent; a seasonal epidemic in North America that flares up in the summer and continues into the fall; mosquitoes are the vectors; symptoms of WNV may include fever, aches, nausea,... (affects the central nervous system); 80% show no symptoms at all.

Nonvectored Infectious Diseases

- These diseases are passed by direct transmission through:
 - 1. bodily contact (w/o the vectors),
 - 2. contamination of food or water (fecal matter),
 - 3. contamination of the air (saliva sneezing).
- ______ source is often in China; transmitted from birds to pigs, from pigs to humans (but the virus survives in the air long enough to be transmitted w/o vectors); 1918 worst pandemic in history (20-30 million died worldwide).



Other Disease Types

- _____ diseases occur over time; often concentrated in urban/industrial cores (infectious is most common in the periphery); the U.S. top four causes of death 4) _____ diseases (5%); 3) _____ (23%); 2) _____ (23%); 1) _____ Disease (31%)
- _____ diseases result from gene mutations or accidents to chromosomes (e.g. radiation, viruses); some examples include Down's Syndrome, galactosemia (lactose intolerance).

