

Disease Unit

non-communicable disease:

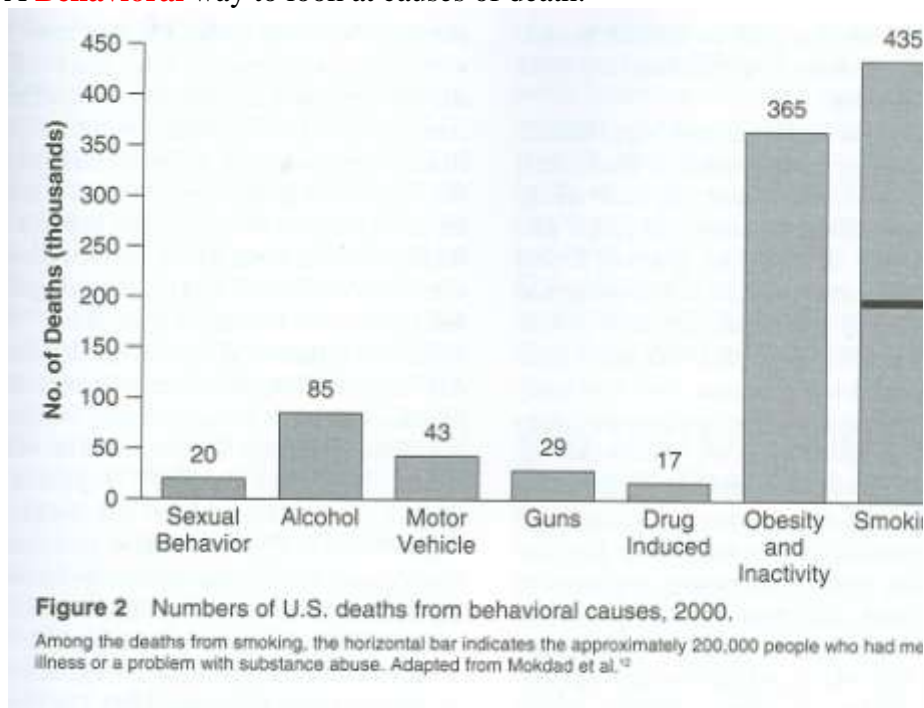
Disease that does not spread from person to person but is caused by some other factor such as genetics or their eating behavior or the air they breathe are called non-communicable.

Leading Causes of Death in the United States:

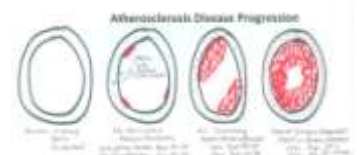
	#from 2007		#from2009	#from2010
1. Heart Disease.	616,067	1. Heart Disease	598,607	595,444
2. Cancer.	562,875	2. Cancer	568,607	573,855
3. Stroke	135,952	3. Emphysema	137,082	137,789
4. Emphysema	127,924	4. Stroke	128,603	129,180
5. Accidents	123,706	5. Accidents	117,176	118,043
Overall Total =	2,423,712		2,436,652	2,465,932

[Leading causes of Death in the US.](#)

A **Behavioral** way to look at causes of death:



Atherosclerosis Disease Progression [diagram](#) that we drew in class.



Mr. Brown tells the ant hill allegory to illustrate the slow accumulation of the plaque deposits. We studied a [diagram](#) of how LDL causes damage

Heart Disease: **Risk Factors for Arteriosclerosis:** (hardening of the Arteries)

Age
Gender
Genetic Makeup
Smoking
Overweight
High Blood Pressure
High Serum [Cholesterol](#)
Diabetes
Consumption of saturated fats
Consumption of "[Trans Fats](#)"
Consumption of cholesterol
LDL [Info On WebMD](#)
CRP - ([C-reactive protein](#))
Lack of Exercise
Stress (hostility) - Angry kind of Stress.



Terms you Must Understand!

Hypertension- high blood pressure due to disease.

Arteriosclerosis/Atherosclerosis - refers to artery disease - "hardening of the Arteries" is another term for this disease.

Angina Pectoris - pain in the heart (chest) due to artery disease.

Heart Attack - heart damage due to artery disease.

Cardiac Arrest - heart stops due to artery disease. Victim will die without CPR and defibrillation

Fibrillation - damaged heart muscle shakes and does not pump blood.

Stroke - the artery damage happens in the brain and causes brain damage. This can lead to paralysis.

Treatments:

[Bypass Surgery](#) - veins used for another blood pathway around the artery blockage. A common treatment for arteriosclerotic disease.

[Angioplasty](#) & Stenting - balloon is used to expand and open up clogged artery, a mesh stent is used to keep the artery open.

[Drug Treatment](#) for Heart Disease:

Videos we watched:

Fresh Prince: Phil has dun-lap syndrome! Why is the Dun-Lap a problem?

Heart Attack: A British Construction Boss has a Heart Attack.

Oprah on Fat: We want to avoid becoming a Jillian Bennet! We saw food that is healthy and food that is unhealthy. We watched a bypass operation.

Behaviors: Regular Exercise, Mediterranean Diet, Relaxation Moments during day.