Introduction

While I was in Uganda over Spring Break the wide-spread effect HIV/Aids has on a community. I realized that it does not just affect those infected, but it affects everybody. HIV/Aids is everyone’s problem. I want to create a visualization that helps people understand the widespread nature of AIDS. From this point, I took the project to the next level. To visualize the infection rate of all major epidemics:

Infectious Diseases (Infection rate)

- HIV/AIDS
- Diabetes
- TB
- Measles
- Malaria
- Diarrhoeal Diseases (Dysentry and Cholera)
- Acute Respiratory Infections (Pnemonia)
- Water Infections
- Cardiovascular Diseases

The background of the visualization will be a world map. Below the map there will be a legend that indicates what each activity on the map. When a person is infected with HIV/AIDS, there will be a point on the map that lights a certain color. The same principal will be in effect for the rest of the diseases.

I also want to include other socio-economic facts in this map as well. These facts will include:

Socio-Economic Facts

- % below poverty line (Draw boundaries based on income level). Break up average income levels around the world (Per Capita, GDP)
- Education line

Motivation

The motivation behind this project is the passion to draw attention to preventable problems in the world. By creating awareness about these problems in their affected area, I hope to motivate people to change the world.

The technical motivation behind this project is Breathing Earth.
Challenges

It will be difficult to find and aggregate the disease infection rates for each country in the world. I may not be able to 100% accurately portray these statistics. I may have to make educated assumptions at certain times.

*Please approach me with any suggestions for making this project better.*