First Slide:

As aforementioned, Canada has a relatively better healthcare system than the US. However, based upon the data we have generated, US healthcare system out performs Canadian’s on certain aspects. I will be talking about what ways Uncle Sam has done right.

Second Slide:

I got my data from OECD Database, it is an intergovernmental economic organization with 36 countries participating. I have sourced data from two categories, which are the “Key Health Care Quality Indicators” and “Health Status”. I will walk you through each, and provide explanations on certain datapoints.

Third Slide:

Health care quality Indicators is a set of widely accepted healthcare standards in measuring the efficiency of a given health care system. The number for datapoint represent the amount of cases per 100,000 population. You want the number to be lower because the lower the amount of cases, can potentially means that there are more skilled doctors and nurses, better equipment and technology, and essentially, a better health care system. I did a side by side comparison between Canada and the States, and out of 7 indicators for both countries, I was able to find two that claim the States to have a better position. As you can see on the bar chart, chronic obstructive pulmonary disease hospital admission datas from both countries are very similar, although US is lower, the difference is not statistically significant. On the other hand, US has a drastically lower post-operative wound dehiscence rate. That rate measures how often a surgical wound in the abdominal or pelvic area fails to heal after abdominopelvic surgery. I presume the reasons for Canada to have a higher rate can be because they did not give enough post-operative care instructions to their patients, or they may not have effective technologies in treating wounds in abdominal or pelvic area.

Fourth Slide:

Similar to the previous plot, the health care status plot analyze the some of the major diseases that can cause death, and it is also valued similarly, which the lower the death rate the better. Among all the death causes, I want to emphasis on malignant neoplasms deaths and influenza deaths, because data from both countries display relatively significant differences. I presume the State’s low malignant neoplasm death rate is due to the advanced cancer treatments we have, also there are 82 cancer centers in the states vs. 18 in Canada. The low influenza deaths rate can be due to our better flu vaccination coverage (18 years older -44%, Canada 33%)