

The problem that was determined is Colorado's death rate from cancer in 2005, one of the top five leading causes of death. I received the a huge data set from data.gov. My goal was to figure out two questions regarding only Colorado.

- Considering how the statistics are broken up, between locality, and benchmark. What is the average expected deaths per group?
- What is the average potential excess death amongst all age groups?

Age	Average Expected Deaths (people)	Average Potential Excess Death (people)
0-49	478	48.33
0-54	834.67	96.33
0-59	1360	83.33
0-64	1984	113.67
0-69	2638	126
0-74	3398	218.67
0-79	4273	324
0-84	5043.67	448.67

The chart shows three important statistics age range, the average expected deaths, and average potential excess deaths. This was figured out by using an app called numbers. Once I downloaded the statistics from data.gov, I shortened the data and only focused on Colorado and cancer rates. I used the tool to average each column of the expected deaths and the column of Potentially Excess Death that is associated with the specific age range. Overall, there were fewer deaths from cancer than expected.