

Project Data Story

Beginning: The flu season hits us every year and unfortunately it impacts how well hospitals operate and the care that is received by patients. We want to look at preparing for the 2018 flu season by adding additional staff to hospitals across the US. For the last 9 years the average deaths number 46,000 a year and the most vulnerable are those aged 65+.

Middle: Between the years 2009-2017 there have been a total of 415,419 deaths. Broken down by age group we can see the most deaths occur in the 65 and over age group. This age group is the most vulnerable and our statistical analysis has shown that the higher the population for that age group, the more influenza deaths. This means that we must pay close attention to that specific age group's population when deciding on the number of staff to send to each state. As you can see, the different regions have varying populations 65+. The States with the highest population of 65+ and deaths are California, Texas, Florida, Pennsylvania, and New York. These are the states that should be focused on. Our analysis has shown that the flu season begins in October and lasts until March. The forecast for 2018 is similar to the last 9 years and is therefore reliable.

End: Through our analysis we have determined that those aged 65+ are most vulnerable to the Flu. The states we will focus our efforts are California, Texas, Florida, Pennsylvania, and New York. The flu season starts in October and lasts through March into April. We will send additional staff to the designated states in November to help the hospitals prepare for the higher number of patients in December. The staff will be deployed until the end of March or early April.

[2018 Flu Season Plan | Tableau Public](#)