

Direction 6:

1. If I had the suppressed numbers, I would've been able to do a more correct analysis about the number of deaths of the group <5-years. On the website of the CDC, I encountered a Hospitalization data set, which was limited to 14 states, but the second highest Hospitalization group were the <5-year group. It would be interesting to see how much this would impact the result.

If I had information about vaccines, etc., I would have been able to do a deeper analysis about the infection situation in the states. I saw it in the work of another student and was thinking about searching for vaccination data on the CDC at the beginning of the last Achievement as well but didn't look further into it.

2. As mentioned, the suppressed numbers were limiting. I had the information that the youngest population (0-5 years) was also at severe risk of influenza, although I had no knowledge about deaths in this group.

The missing years in the ILI data set and the Influenza test data set were limiting as well. I thought about adding some charts relating this data, but chose not to, because it didn't add anything meaningful to the narrative at this point. However, it would've been interesting to have a deeper look in those as well, with more data about the previous years.

3. I would like to do a survey with the patients and the staffing agency workers after the next influenza season and see if the changes in the staffing plan changed their first-hand experience.

Remembering the project brief, in which was stated, that a staff-to-patient ratio of lower than 90 % is considered understaffed whereas a ratio greater than 110 % is considered overstaffed, a KPI is already given by the project brief. I think this would be considered a good way to monitor the changes.

4. First, the staff-to-patient ratio, as described in '3.'

I would use the survey to have a sort of rating by the staffing agency workers, to monitor the success. This could be done after the season or in between – a digital way would be the preferable choice.

Besides these two options, the ILI-cases and the death by influenza numbers could be added into the monitoring to have a wider range of metrics.

Link to video:

<https://www.youtube.com/watch?v=XIWZsY67zK4>

Link to Tableau:

https://public.tableau.com/app/profile/nb7086/viz/NB_Task_2_9/NB_Task_2_9