

Cover	Intro	When to Send Staff	Where to Send Staff Part I	Where to Send Staff Part II	Where to Send Staff Part III	Conclusion
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Preparing for Influen- za Season



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Introduction

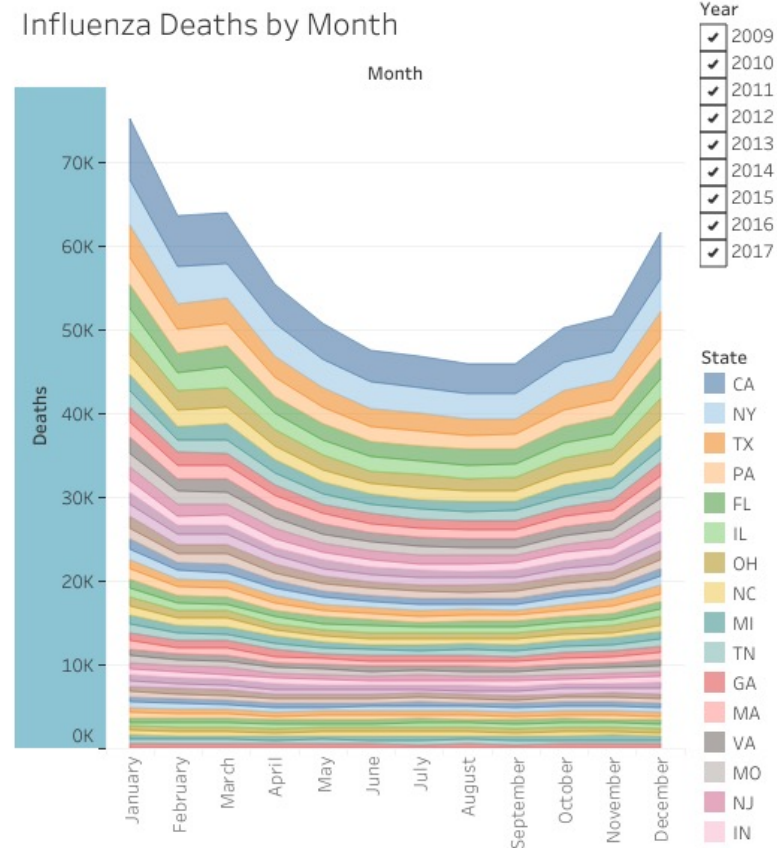
As a medical staffing agency, our objective is to determine where and when it is best to send temporary staff during the influenza season, so that hospitals and clinics have capacity to treat the increased influx of patients they have during this time.

As such, we will create a staffing plan to distribute medical personnel to the appropriate locations at the appropriate times to best serve medical facilities. This will prioritize vulnerable populations and attempt to lower the mortality rate.

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When to Send Staff

Overall, flu season occurs simultaneously throughout the US, running from September to May. This means that states stressed by the flu will be stressed simultaneously.



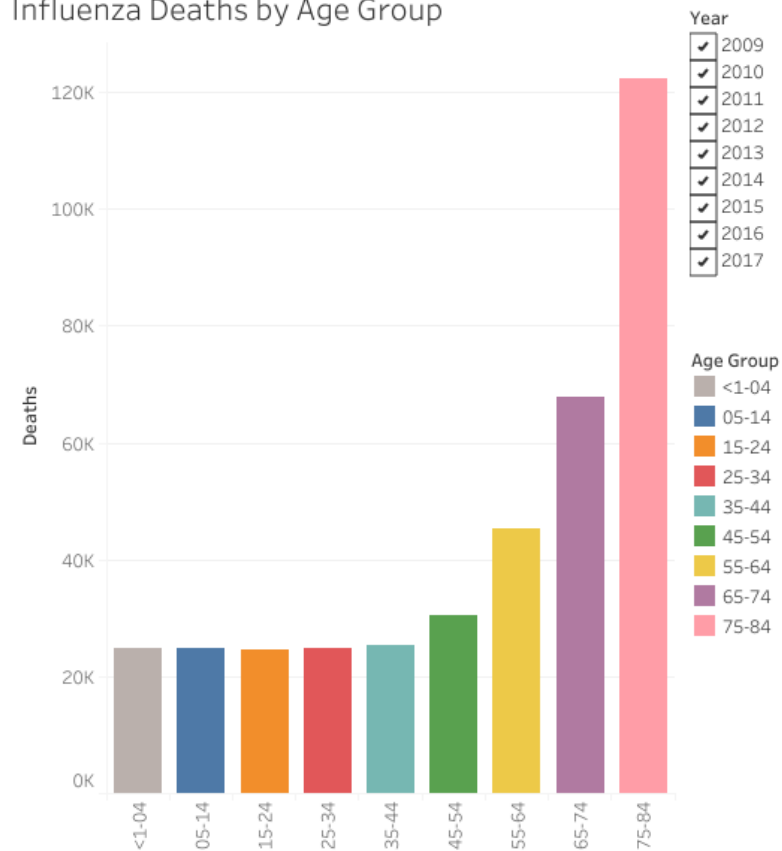
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Where to Send Staff

It is clear however that those aged over 65+ are a particularly vulnerable group and account for most of the deaths by influenza.

Influenza Deaths by Age Group



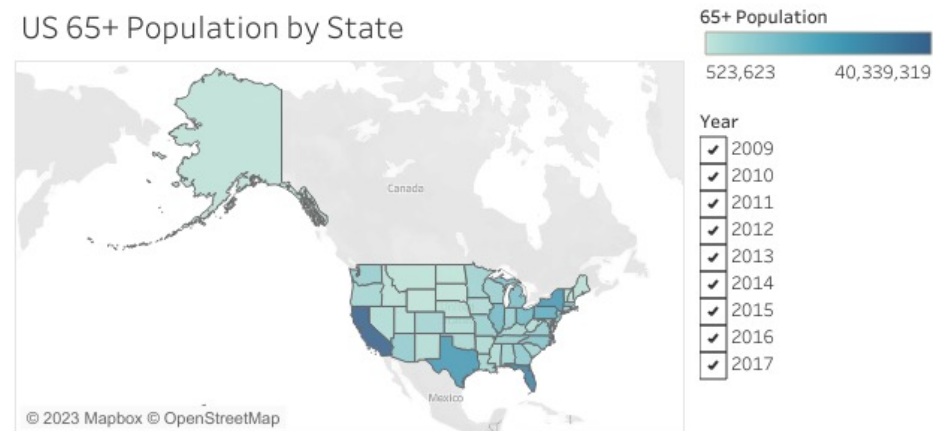
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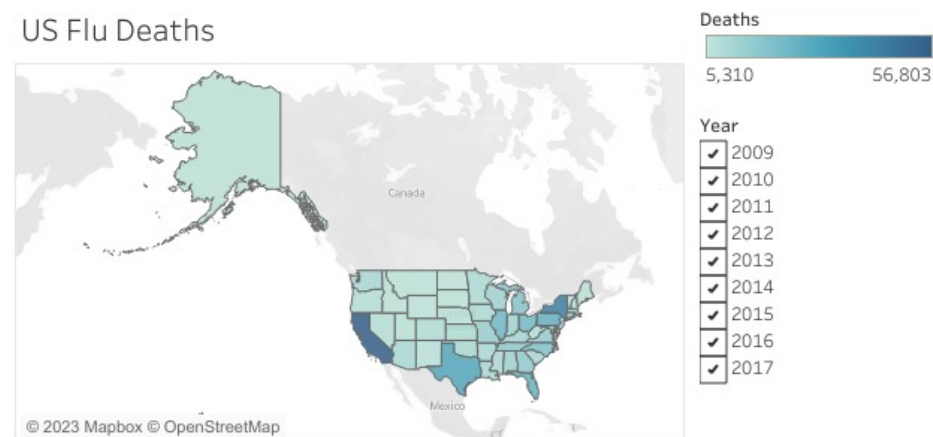
Where to Send Staff

Where the 65+ population is larger, the influenza deaths also tend to be larger.

US 65+ Population by State



US Flu Deaths

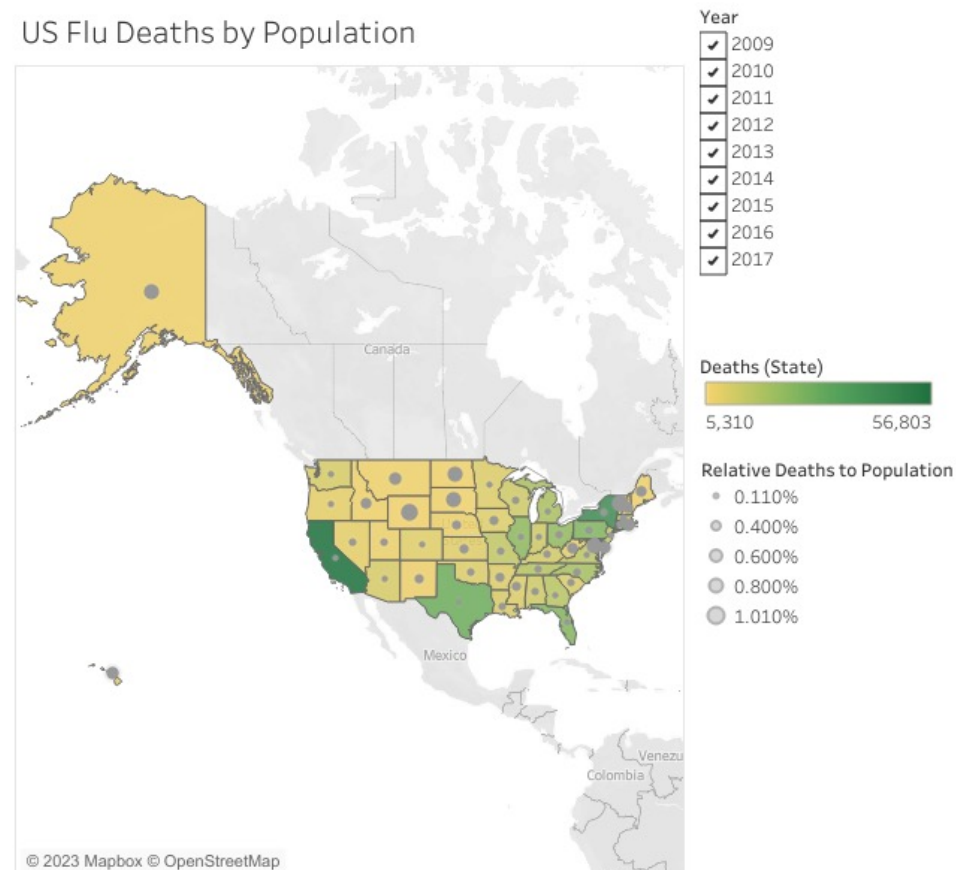


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Where to Send Staff

Staff ultimately need to be deployed where there is a greater mortality (darker background), which namely tends to be where a larger 65+ and larger general population tends to be. At the same time some states have a disproportionately large amount of deaths relative to their population (bigger bubbles) and would also need a relatively higher amount of staff.

US Flu Deaths by Population



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Conclusion

Flu season occurs simultaneously throughout the US, running from September to May.

Staff ultimately need to be deployed in greater numbers where there is a larger 65+ population. This is also where the general population tends to live, however some states have also had a relatively greater amount of deaths relative to their population, so they would also receive relatively more staff.