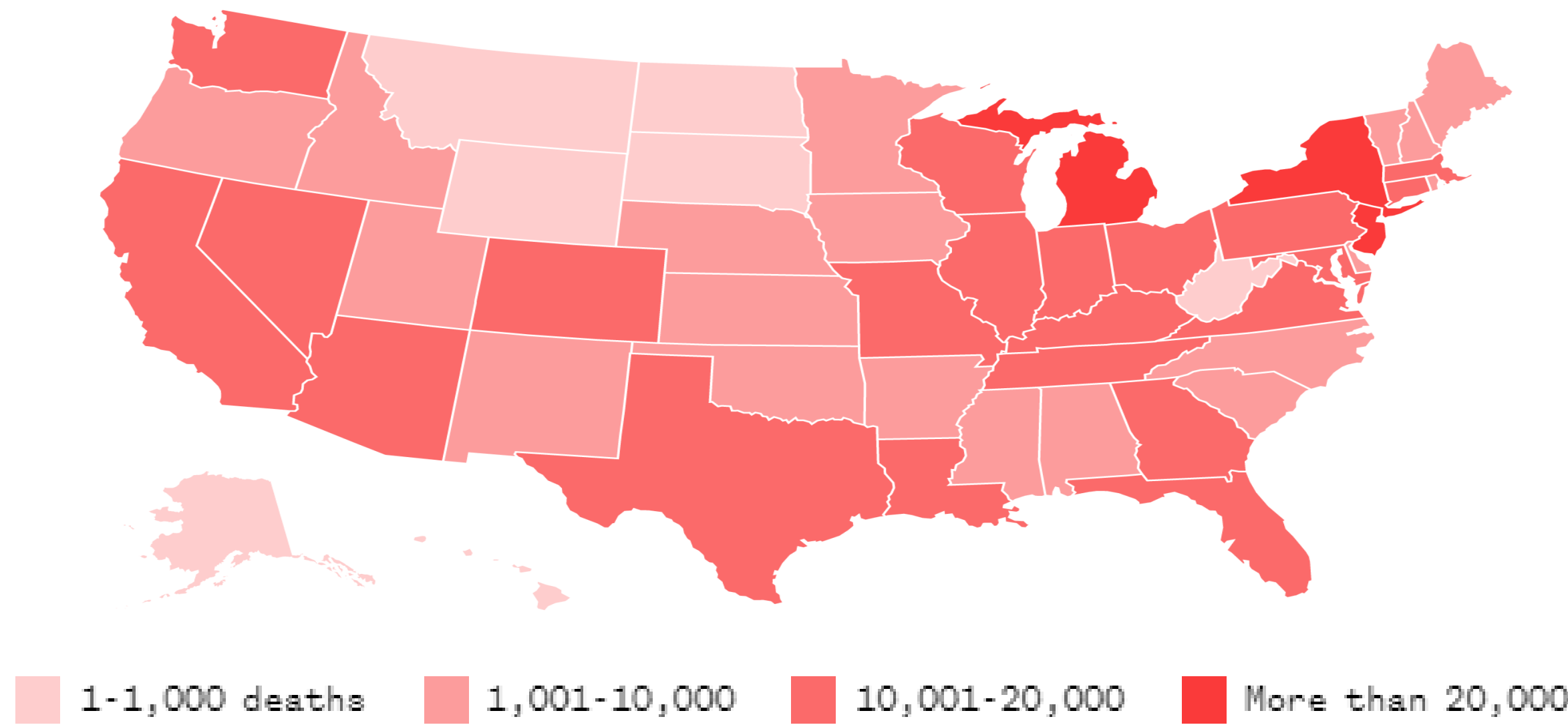
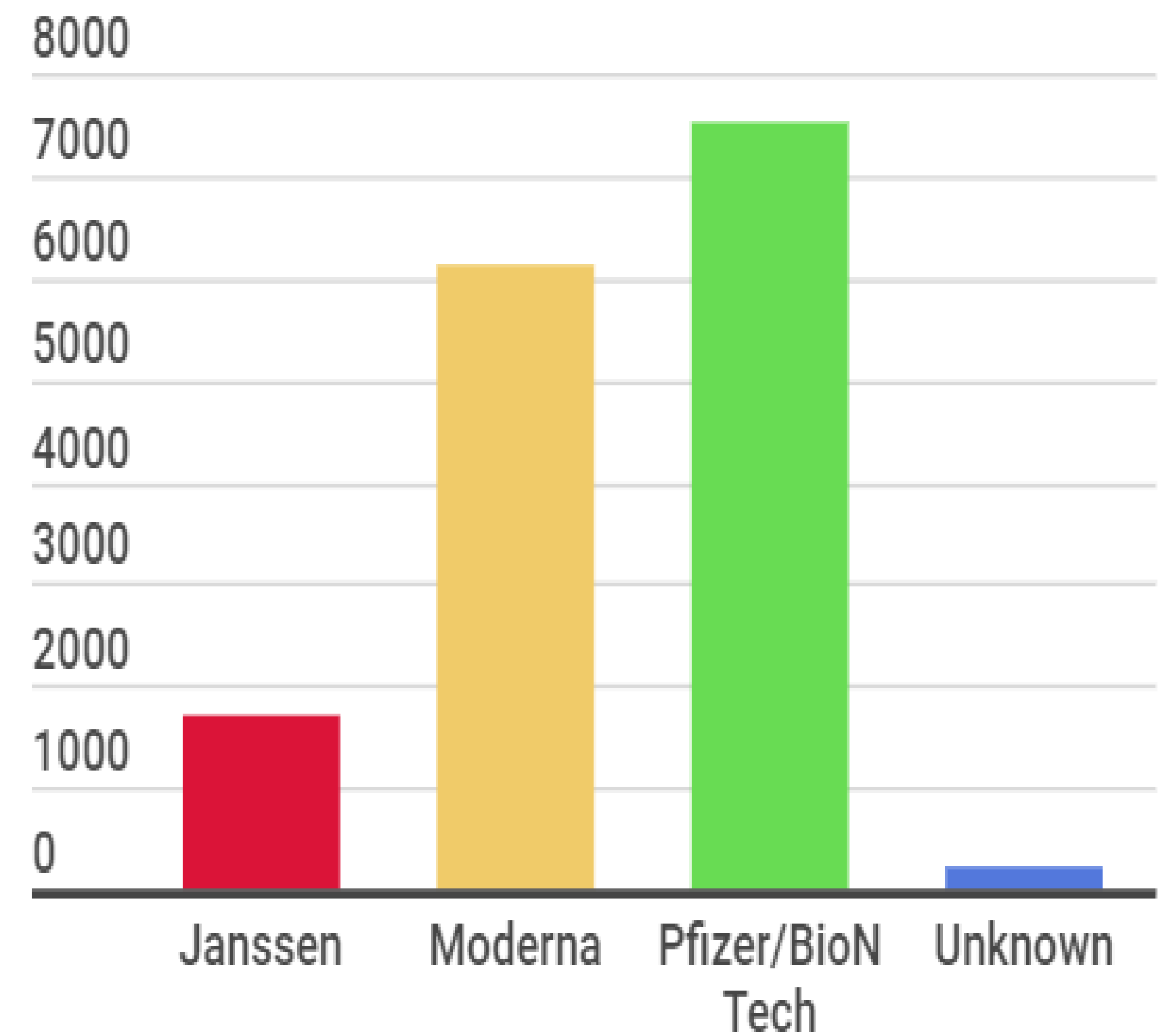


# Gender and Age disparities in adverse effect events post COVID-19 vaccination in the USA

## Death by COVID-19 in US by State



## Death by Vaccine type



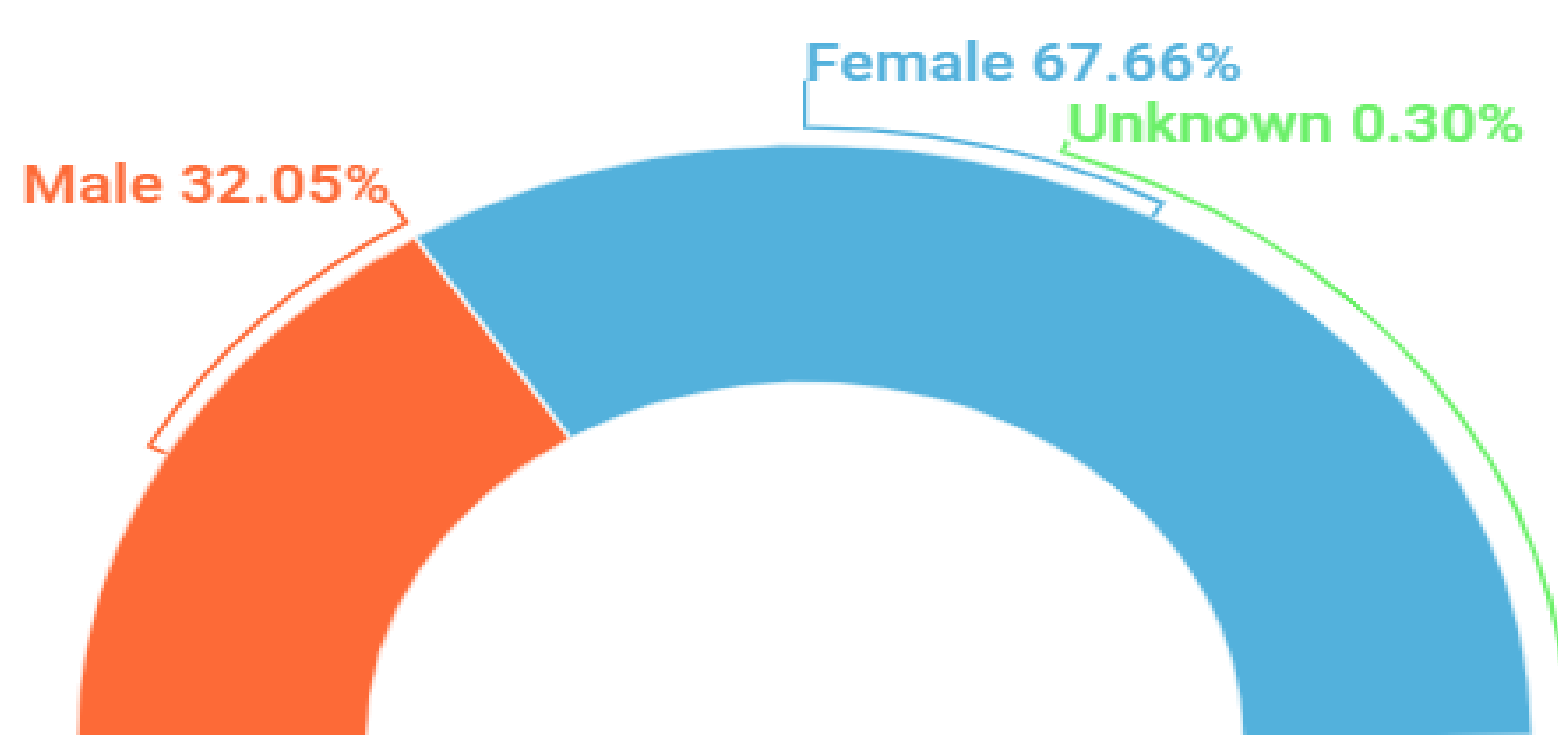
## Common Adverse Events

Fatigue    Headache    Fever  
 Chills    Muscle pain    Redness  
 Nausea    Swelling    Vomiting

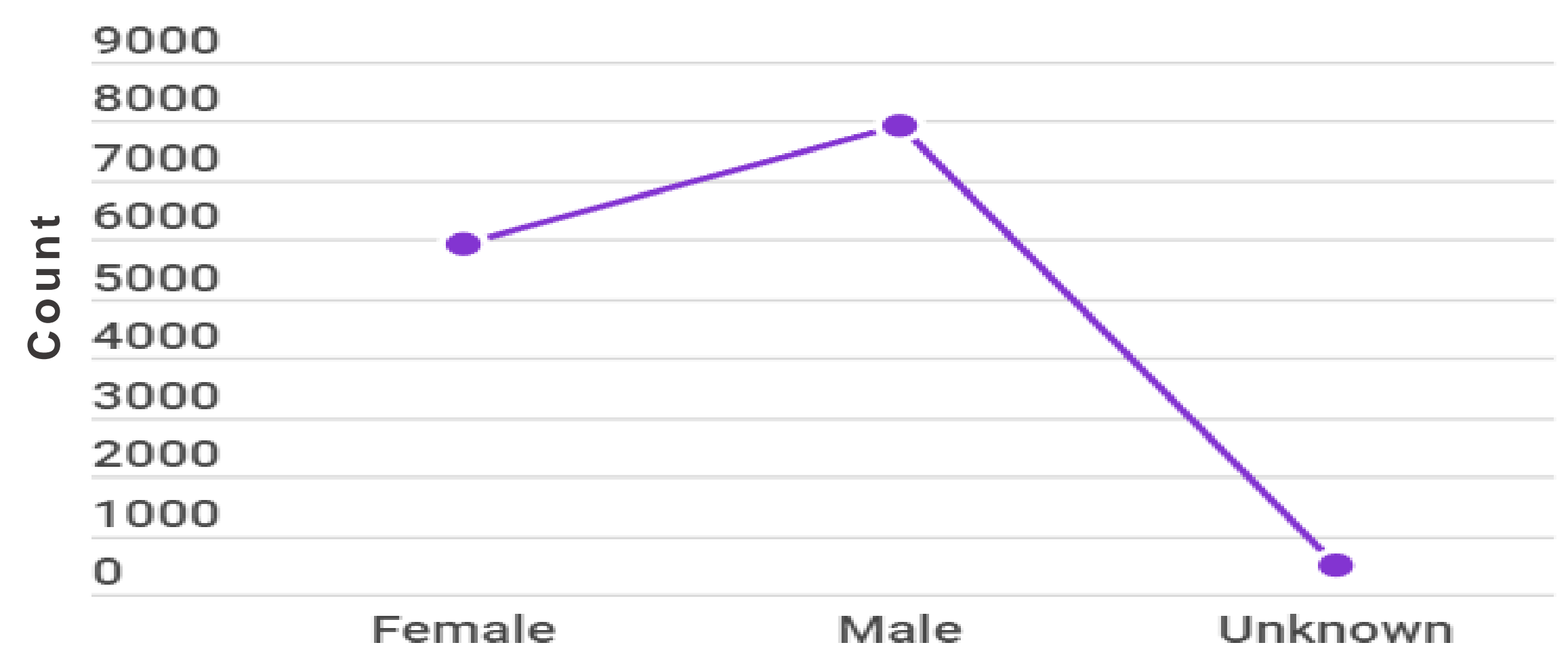


Maximum deaths were caused by Pfizer/BioNTech vaccine; however, we cannot question its efficacy due to its widespread administration.

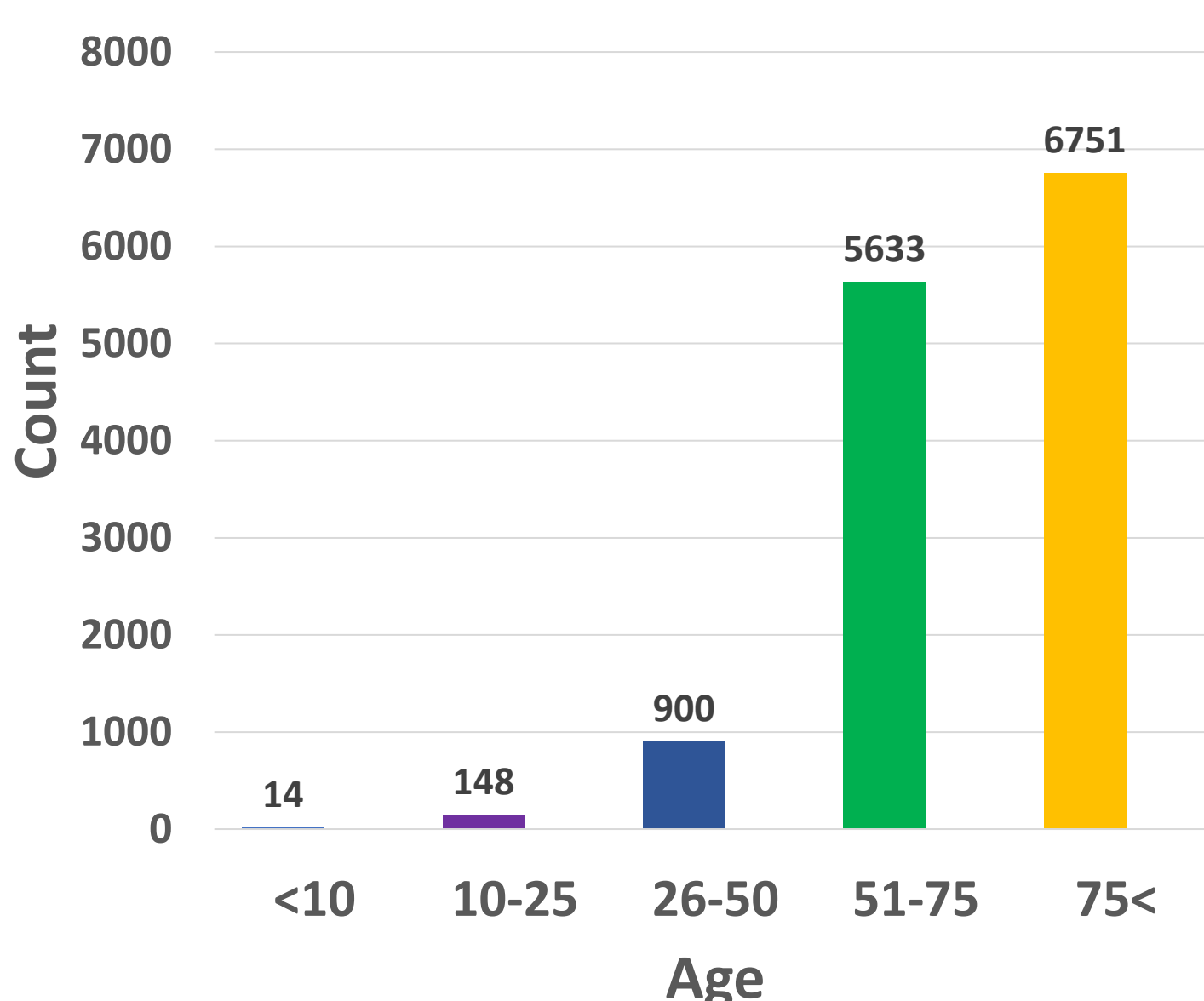
## Adverse Event by Gender



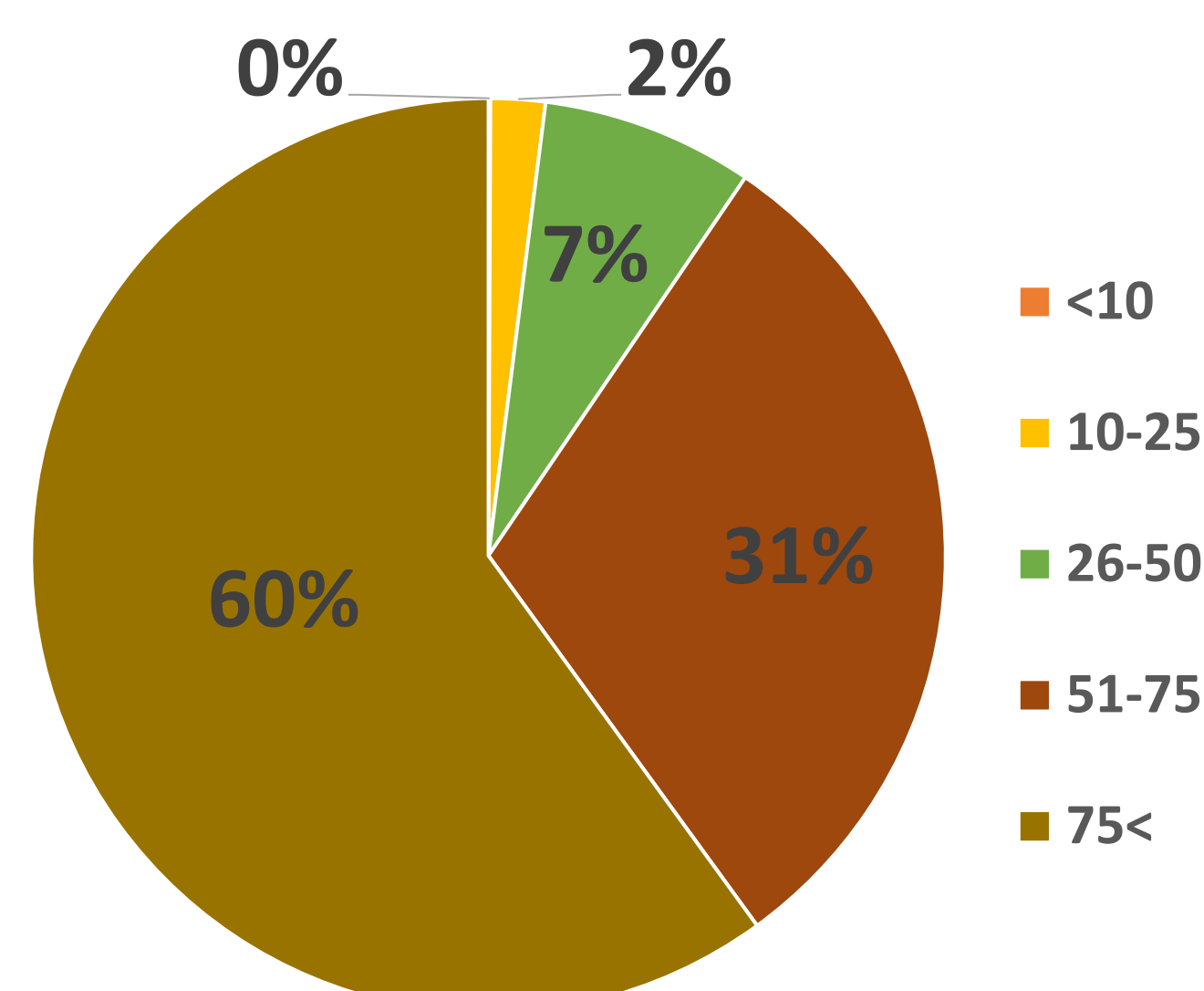
## Death count by Gender



## Adverse Event by Age



## Death by Age



## Recommendations

- ✓ Urgent need for better databases
- ✓ To facilitate rational selection of priorities in vaccine development and formulation

### Sources:

•Vaccine Adverse Reporting System. (n.d.).VAERS. <https://vaers.hhs.gov/>  
 •Wu, J., Chiyaya, N. (2020, March 23). Coronavirus deaths: U.S. map shows number of fatalities compared to confirmed cases. nbcNEWS. <https://www.nbcnews.com/health/health-news/coronavirus-deaths-u-s-map-shows-number-fatalities-compared-confirmed-n1166966>