

# Burn Prevention Efforts: Which age groups should be targeted.



There is a significant increase in burn admissions among those over 50 years old.

## Significance Statement:

Burn Registry data showed that the most frequent burn admissions to our burn center were not our pediatric or young adult populations. The focus of the hospital's current injury prevention efforts is on the pediatric population.

While this is a group that must always have a high priority in our prevention efforts, there is an underserved population in our community.

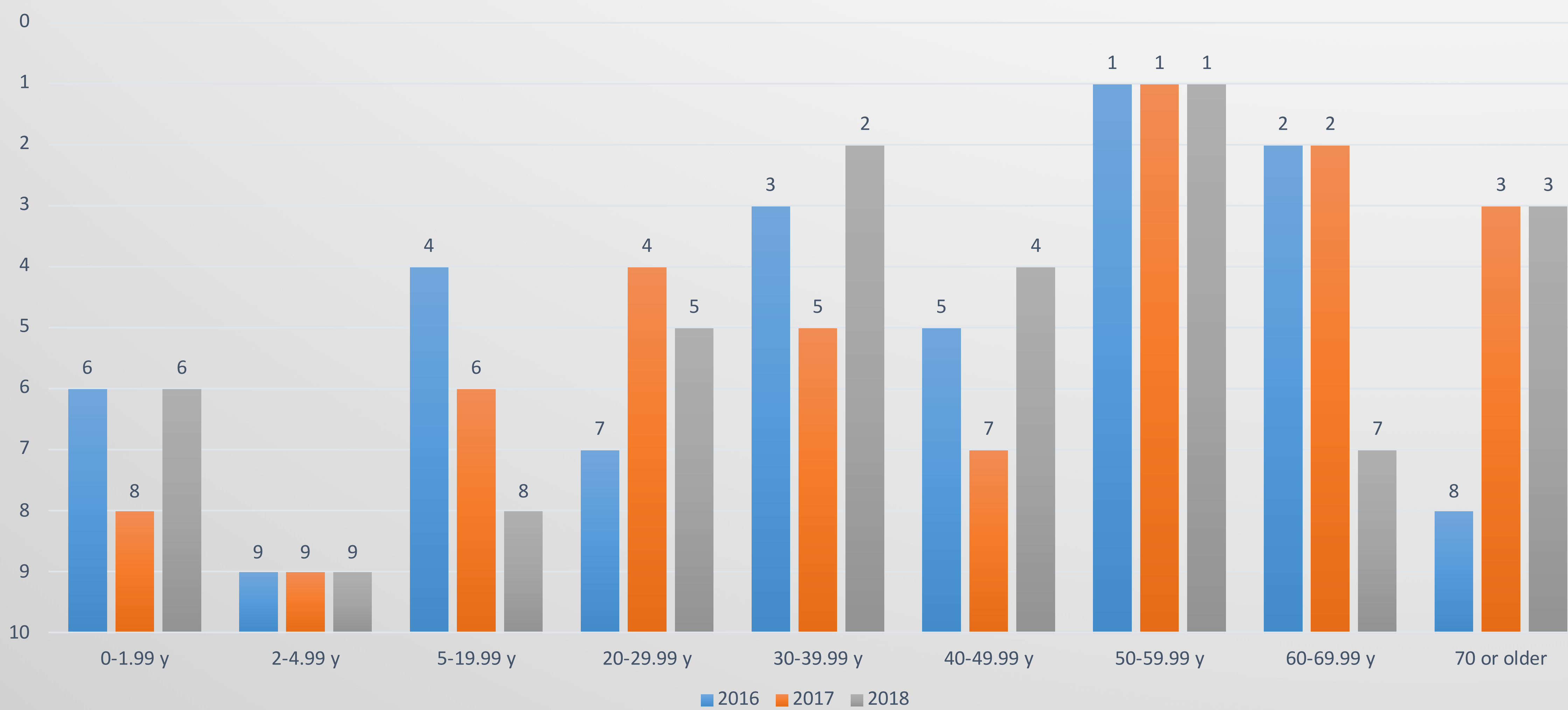
## Results:

A 3-year retrospective data review of burn admissions to our facility was performed. This review looked at patients separated into 9 different age groups, these groups were ranked (1 being the highest incidence to the lowest being ranked 9<sup>th</sup>), comparing number of admissions, length of stay and cost of care. We looked at how each age group ranked as a total as well as average per patient. The rankings were then used to identify high risk age groups. Based on registry data, age specific prevention campaigns need to be created, implemented and tracked for effectiveness.

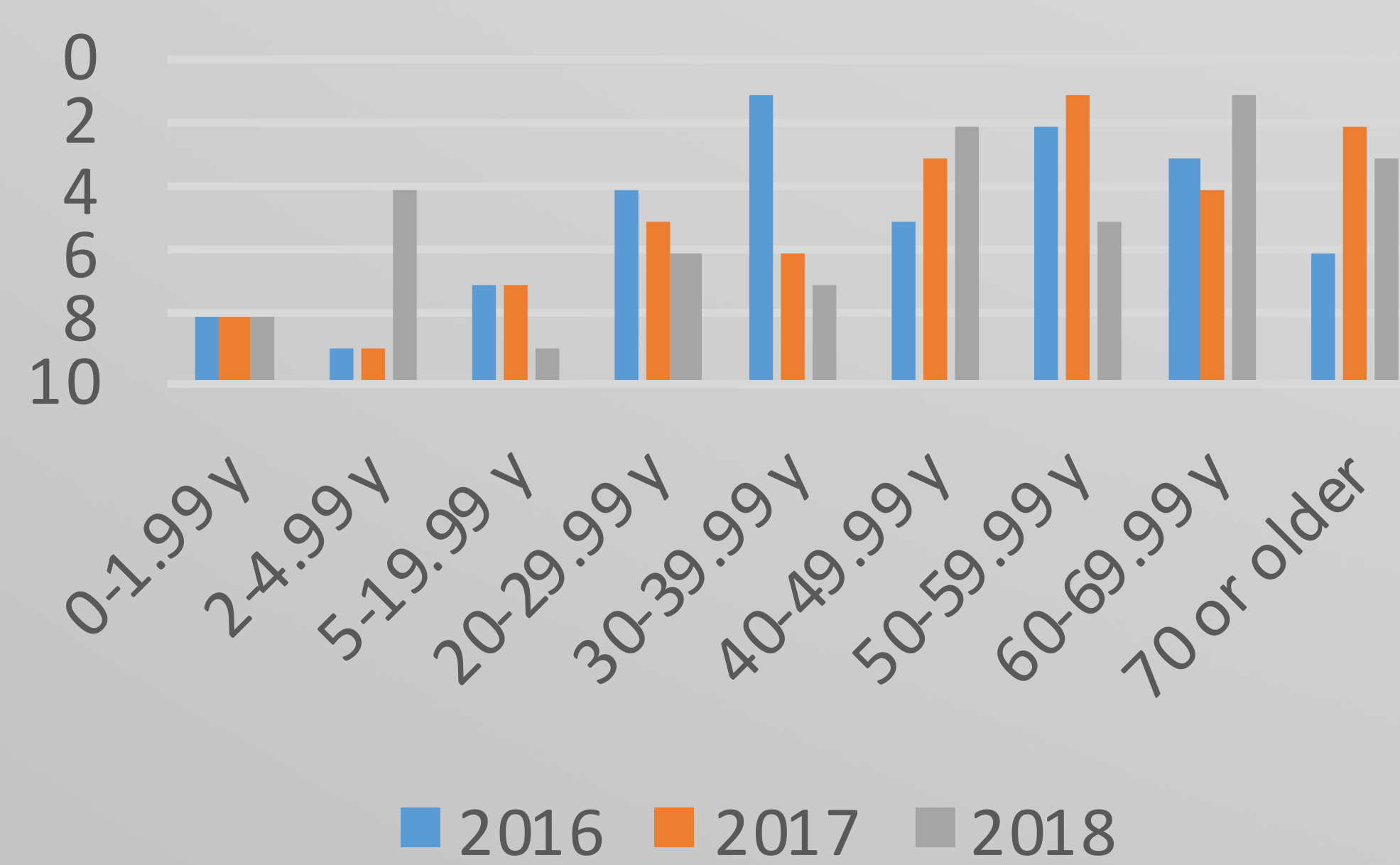
## Lessons Learned

- The older population is an underserved group in our community
- This group deserves a customized injury prevention plan to decrease burn injuries and admissions
- Use of registry data will help to focus prevention efforts: mechanism, season and geographic location

Admissions



Average Length of Stay



Charges per Patient

