

Incidence of Pavement Burns During a Worldwide Pandemic and Limited Outreach Efforts

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INTRODUCTION

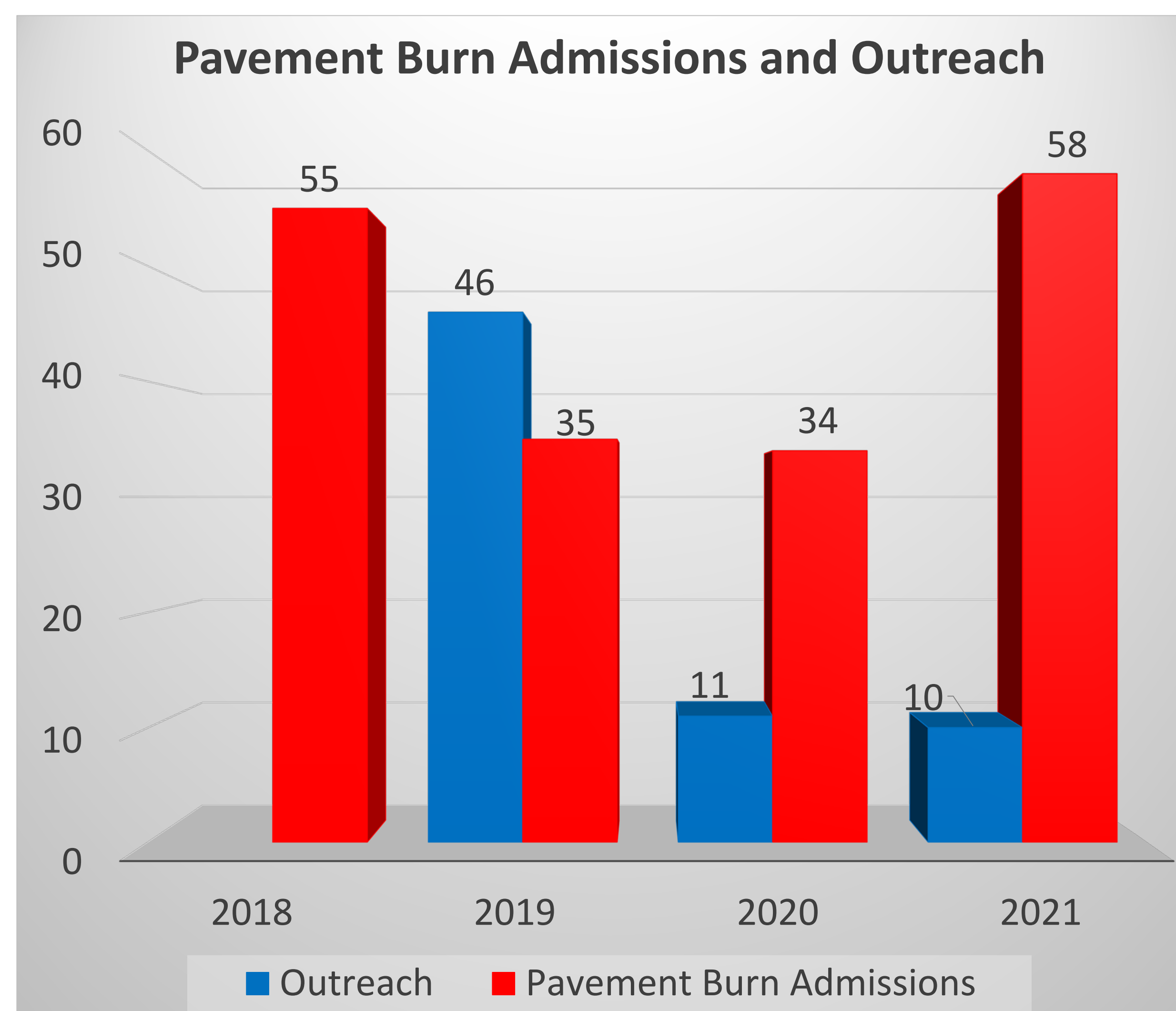
There is a significant influx of contact burns from hot pavement in desert climates with consistent ambient temperatures greater than 100 degrees Fahrenheit during the summer months. These burns are caused when skin meets elevated pavement temperatures, even if the contact is just for a few seconds. Due to the increase in pavement burn admissions, the burn center created and implemented a pavement burn campaign to reduce pavement burn admission by raising awareness and providing education in the community. The efforts proved fruitful in reducing rates. Due to the worldwide pandemic, prevention efforts were halted.

METHODS

A retrospective data review of acute admissions to a 16-bed burn unit was conducted. Data was abstracted from the burn center's registry, looking at rates of pavement burns within the months of April to September.



The authors of this poster have no disclosures to share.



RESULTS

In 2021, there was a remarkable increase in pavement burn admissions compared to previous two years. There is a correlation between minimal outreach efforts and the increase in pavement burn admissions.

LESSONS LEARNED CONCLUSIONS

- Additional research is needed to identify specific populations
- Targeting outreach strategies for the identified populations
- Collaboration with burn centers with similar climate and patient etiology for outreach and prevention efforts

APPLICABILITY OF RESEARCH TO PRACTICE

Collaboration with established community partners that aim education to specific populations.

- Senior educational courses
- Local clinics
- Community centers
- Homeless shelters
- Social media/marketing



REFERENCES

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