

# DELL SETON MEDICAL CENTER AT THE UNIVERSITY OF TEXAS PEDESTRIAN SAFETY

PRESENTED AT THE 2020 TEXAS TRAFFIC SAFETY FORUM

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# DELL SETON MEDICAL CENTER AT THE UNIVERSITY OF TEXAS



- Only Level I Adult Only Trauma Center in Austin
- When you hear Trauma Center think hospital that can care specifically for injured patients.
- Affiliated with the Dell Medical School at UT Austin, but separate entities.
- Averages approximately 2500 injury related hospital admissions per year.

## LEVELS OF THE HOSPITAL TRAUMA SYSTEM (TEXAS)



# ADULTS AND CHILDREN IN THE TRAUMA WORLD

Children



Teens



Adults



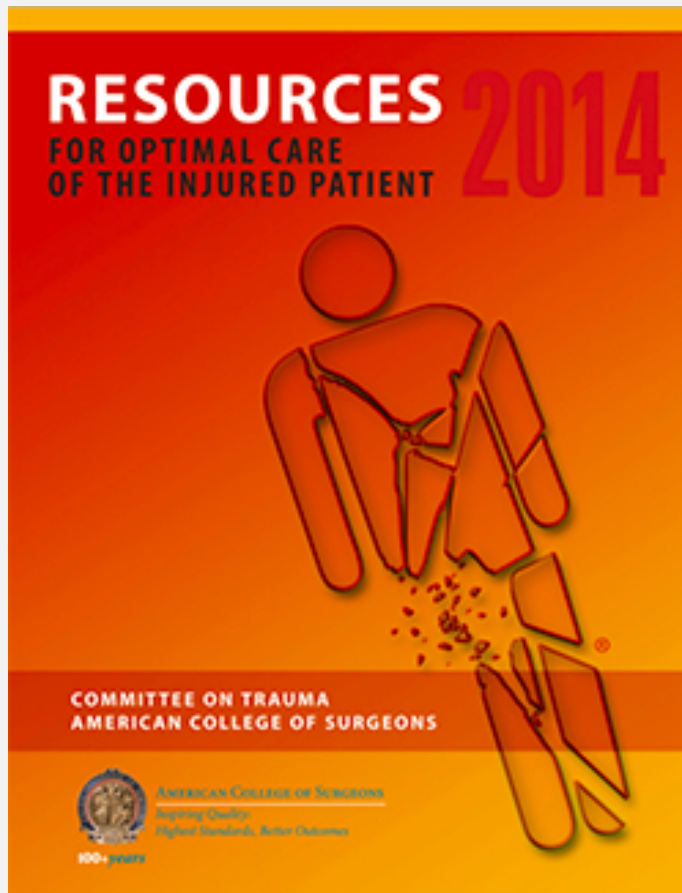
In the trauma setting people 14 years and older are considered adults.

# THE HOSPITAL-BASED INJURY & VIOLENCE PREVENTION PROFESSIONAL



- Level I facilities are required to have at least 1 full-time injury prevention professional that focuses solely on preventing traumatic injuries in the community.
- Level II facilities are highly encourage to have at least 1 half-time injury prevention professional.
- Level III's and IV's need to have some injury prevention activity, but are not required to have a professional.
- Responsible for ensuring hospital's meet accreditation requirements for injury and violence prevention

# REQUIREMENTS OF A LEVEL I HOSPITAL BASED INJURY AND VIOLENCE PREVENTION PROFESSIONALS



The American College of  
Surgeons Orange Book  
Chapter 18

# So how do you find trauma specific injury information?





# STATE DATA



TEXAS  
Health and Human  
Services

Texas Department of State  
Health Services

- Texas Office of Injury Prevention houses much of the data you'd want from a state level
- Open to public data request
- Compilation of all reporting hospitals to the states, deidentified or masked (in cases where there is only a few data points)



Injury Prevention Home

Reporting Laws & Rules

EMS & Trauma Registries



Data Requests

Surveillance Analysis and Reports

Resources



Contact Us

Frequently Asked Questions (FAQs)

Archives



Child Fatality Review

Safe Riders

## LOCAL TRAUMA DATABASES

- Equipped within all trauma centers (to various degrees).
- Level I & II submit to larger databases, all levels submit to the state.
- Not publicly available.
- Software and ease of access to data depends on the facility and work capacity.



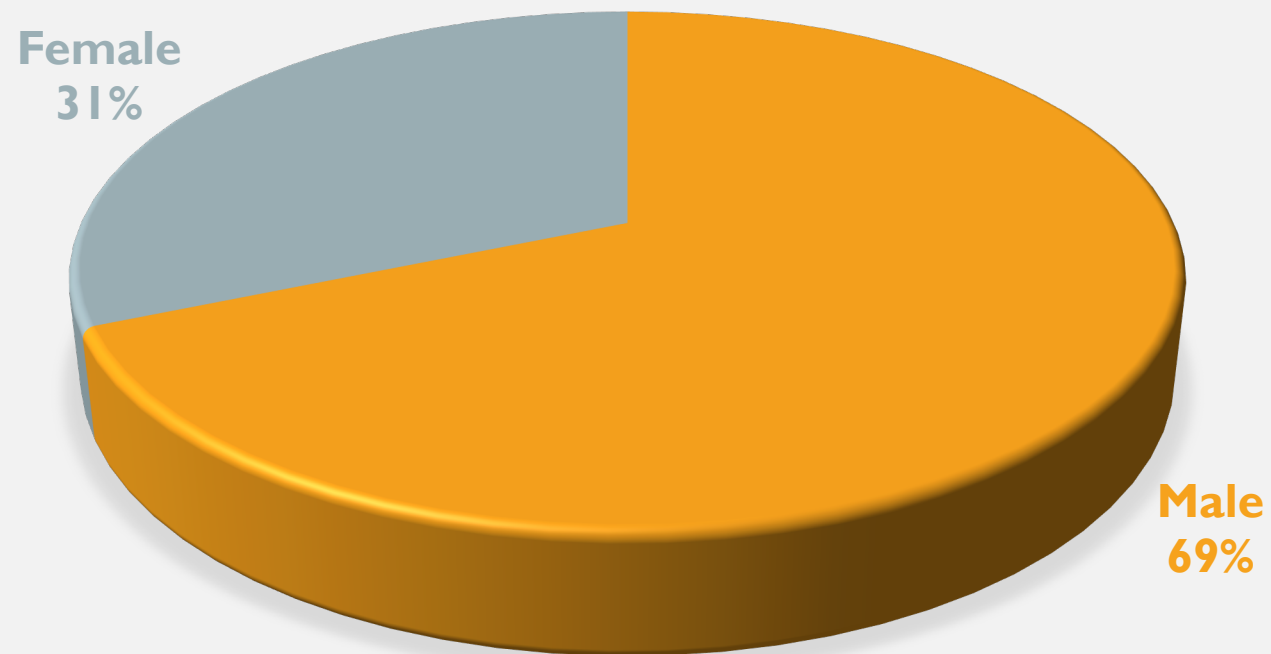
SO WHAT HAVE WE SEEN IN AUSTIN?

## OUR DATA (2016-2018)

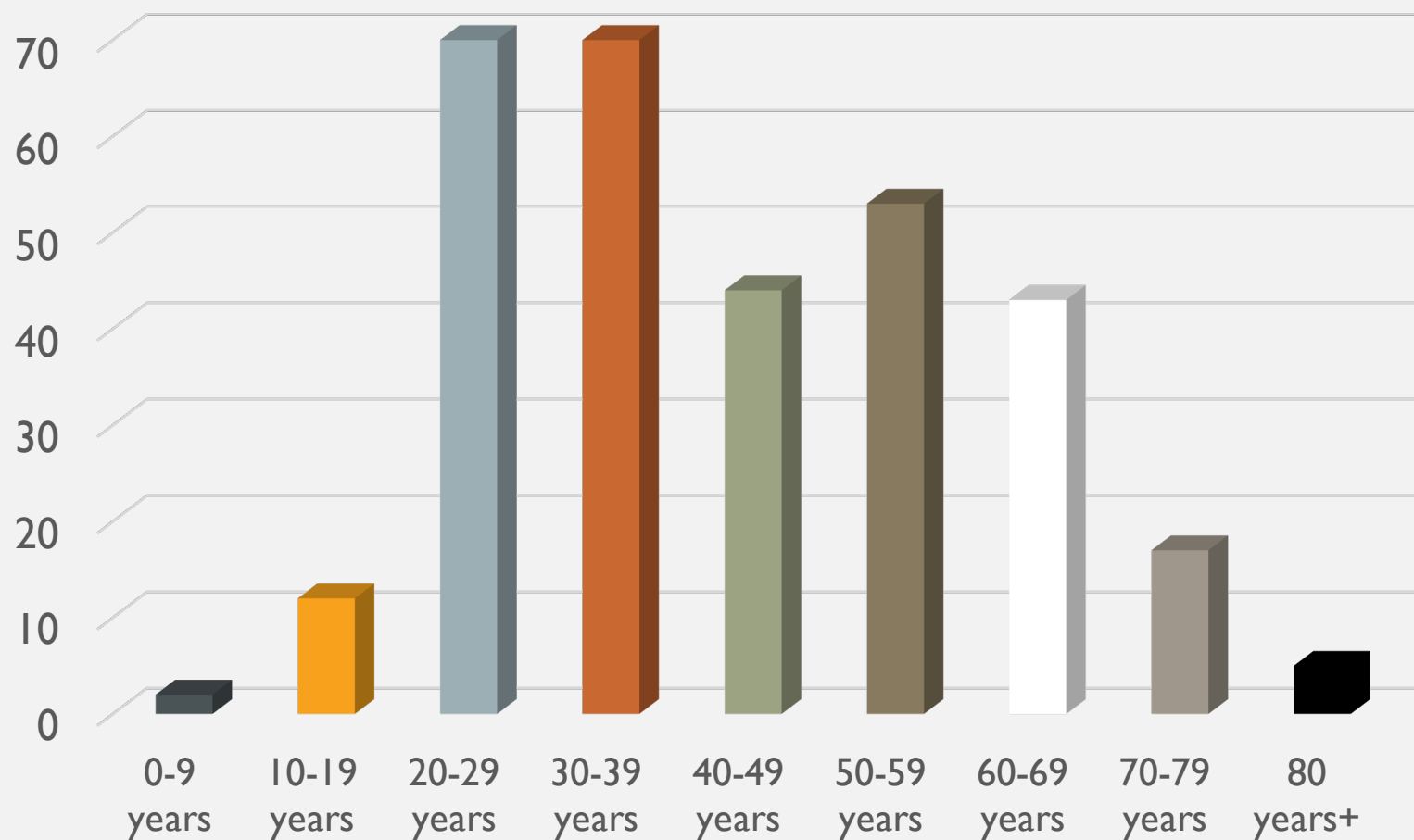
- 316 Admitted Patients for Pedestrian Related Injuries (4.21%)
- Pedestrian Injuries were the 8<sup>th</sup> leading cause of injury admissions.
- Pedestrian Injuries we are displaying today **DO NOT** include people injured while riding a bicycle, a scooter, or any other conveyance. May include things like rollerblades or skates.



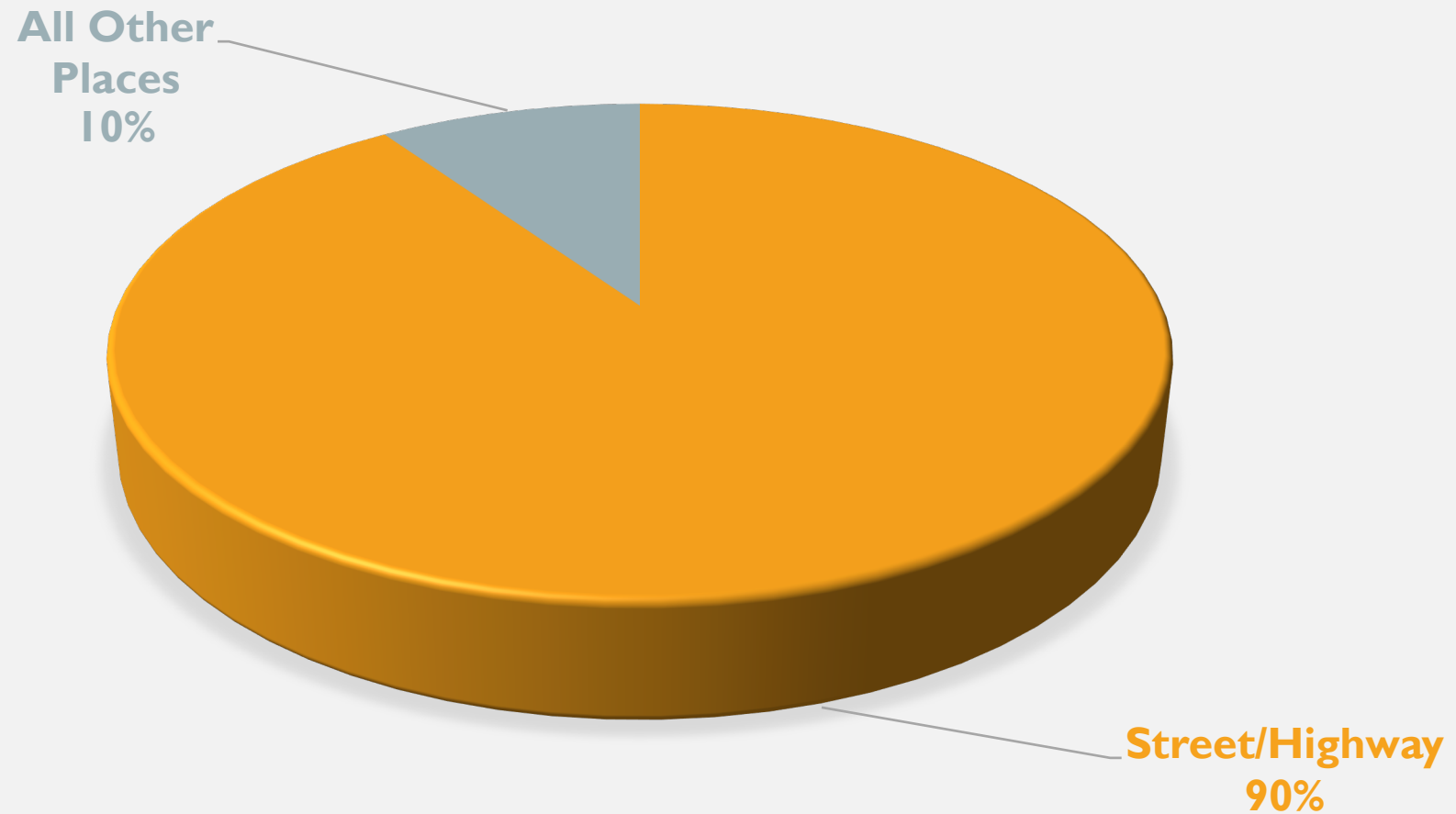
## MALE VS. FEMALE INJURIES (N=316)



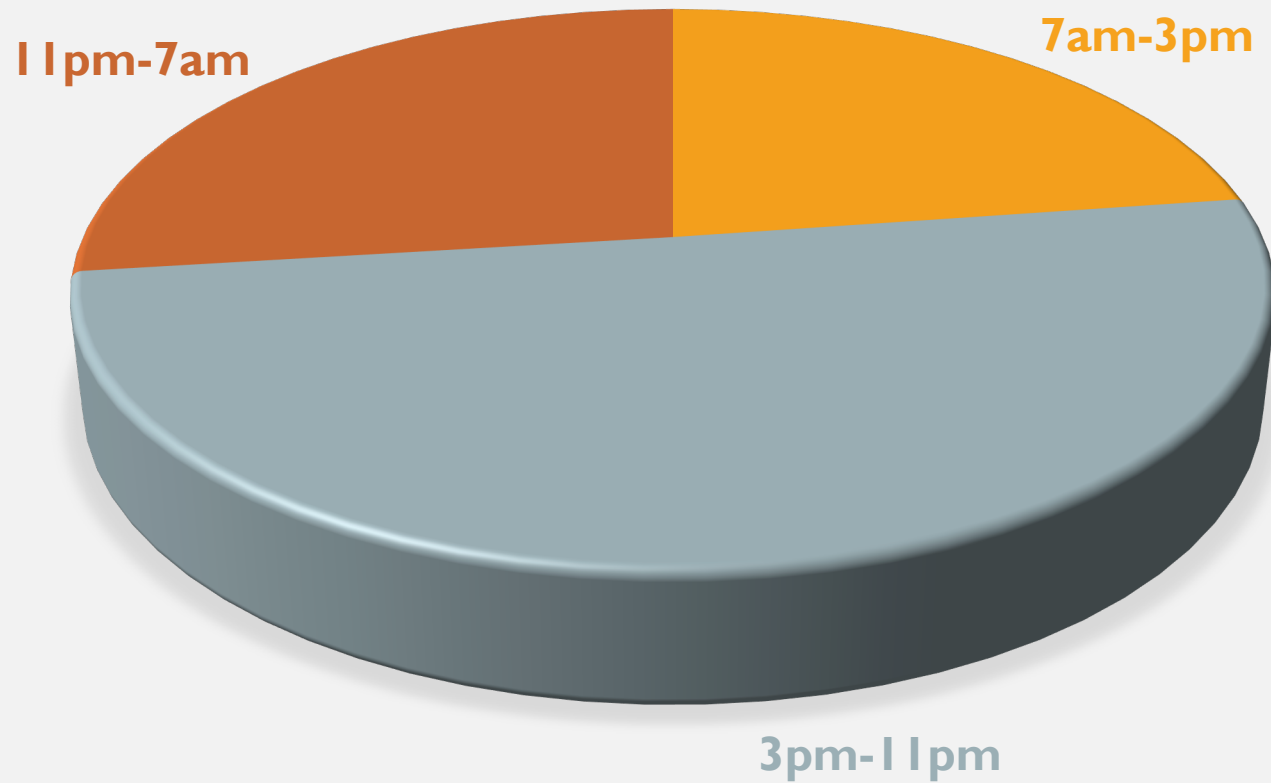
## AGE OF INJURED PATIENTS



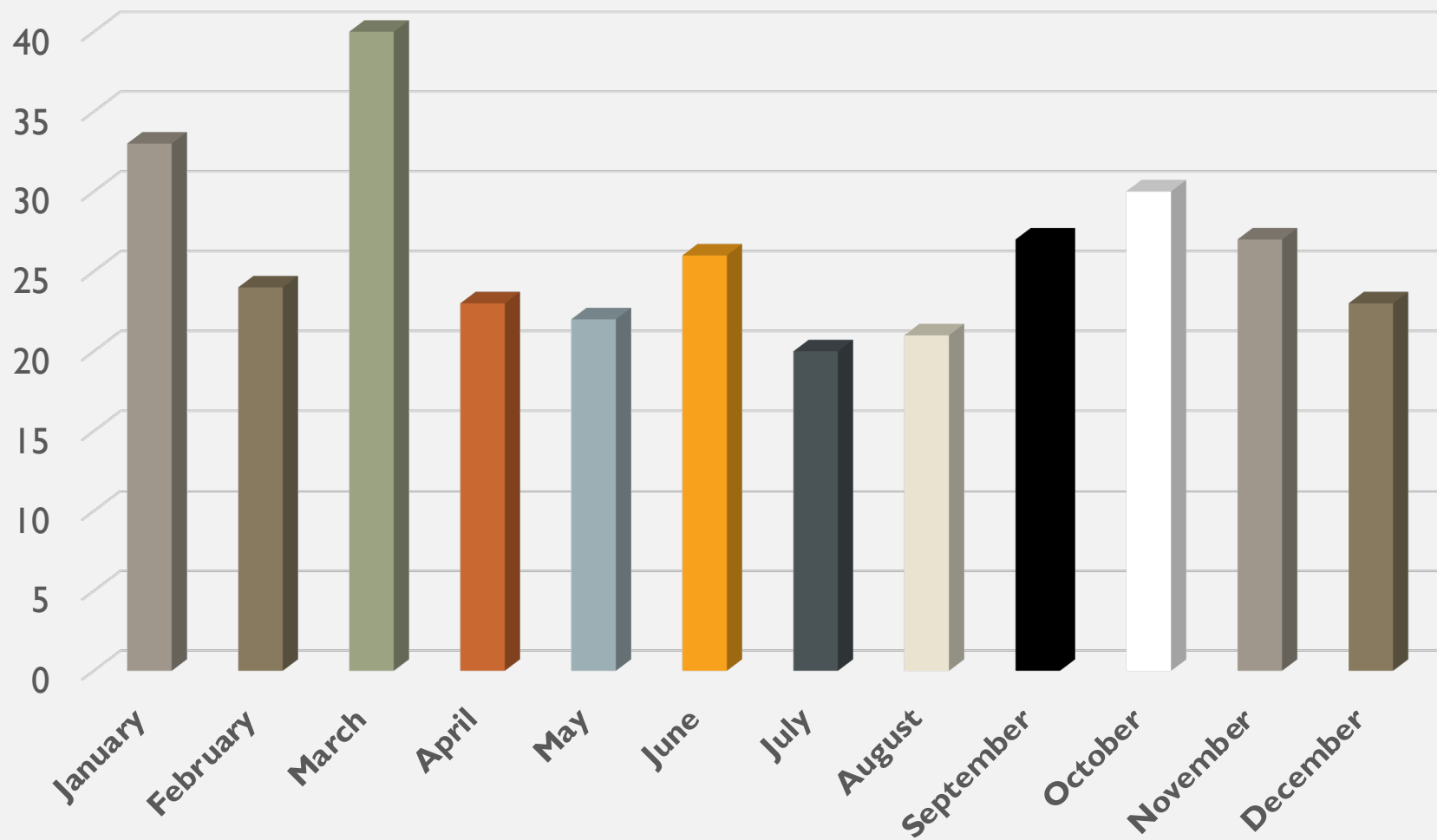
## WHERE ARE PEDESTRIANS INJURED?



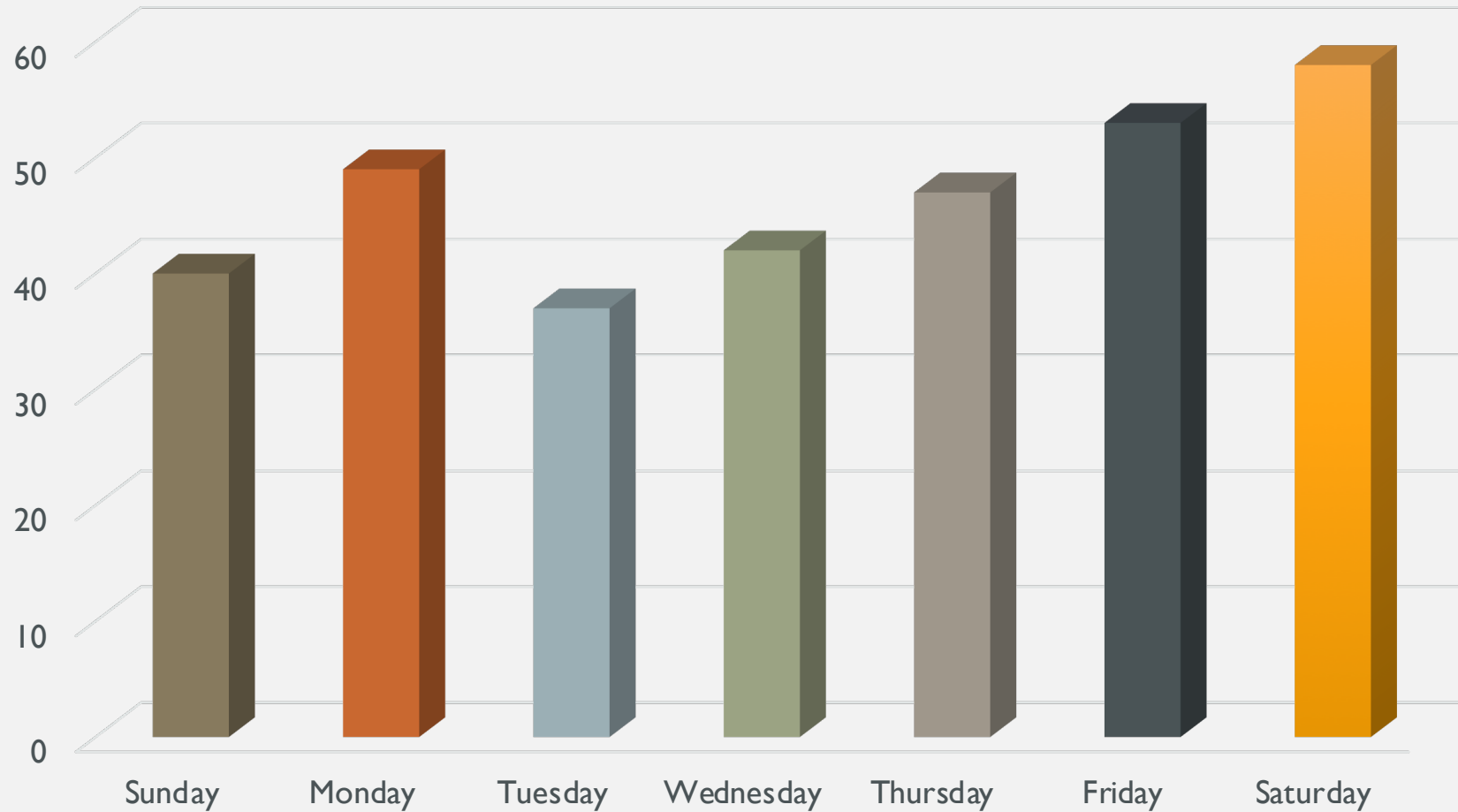
## TIME OF DAY



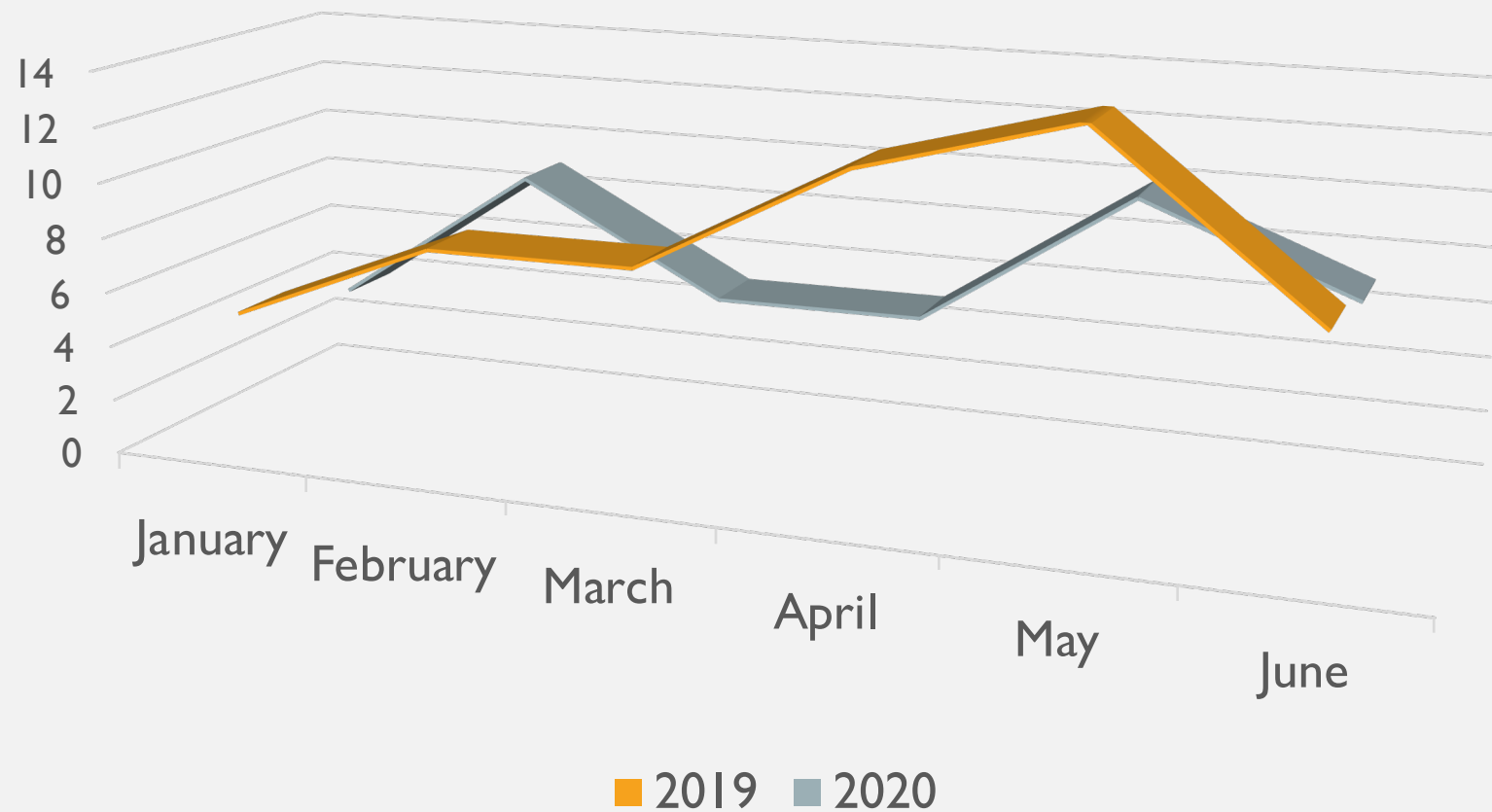
# MONTH OF THE YEAR



# DAYS OF THE WEEK



## IMPACT OF COVID-19 (2019 VS. 2020)



## OTHER THINGS WE COULD LOOK AT

### Additional Data Categories

Fatalities

Reason for Injury

Injuries by Body Region

Presence of Alcohol/Drugs

Zip Codes of Injuries

Zip Codes of Patients

Insurance Status

In-depth information about patients

## SOME TIPS FOR WHAT HOSPITAL INJURY PREVENTION PROFESSIONALS CAN DO WITH YOU AROUND PEDESTRIAN SAFETY

1. Allow hospital prevention professionals to be your partner.
2. Disseminate program supplies for community efforts.
3. Participate in your programs.
4. Provide Expert Information and Data for you.
5. Advocate for Evidence Informed or Evidence-Based Practices.
6. Engage in Community Building, Community Coalitions, and City, State, and National Committees around pedestrian safety.
7. Connect with hospitals for research efforts.
8. Other hospitals may have different injury area priorities.
9. Help Connect to professionals in your area.

THANK YOU

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