

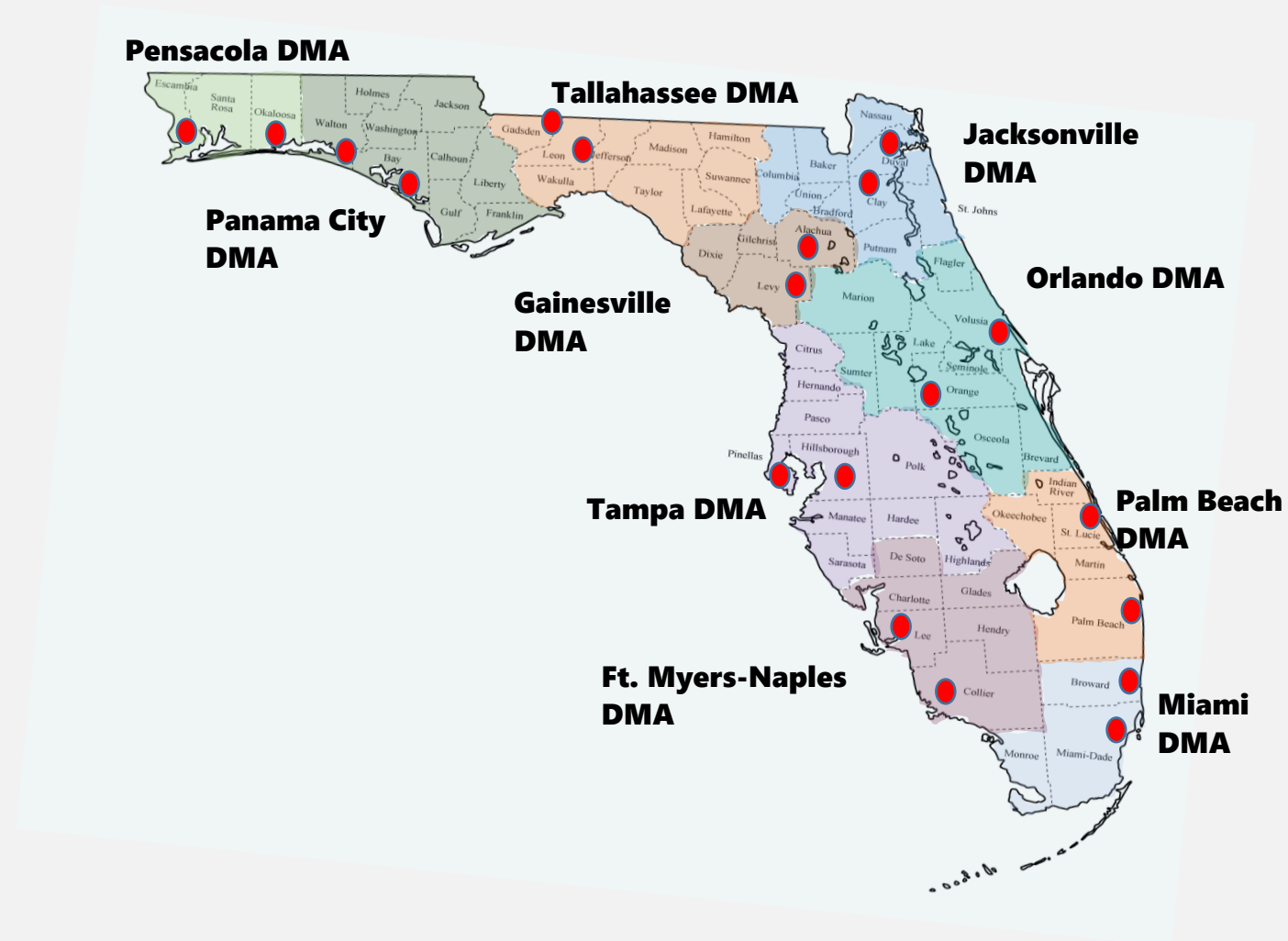
2022 Florida Observational Survey for Child Restraint Use

Occupant Protection Task Force Meeting
February 15, 2023



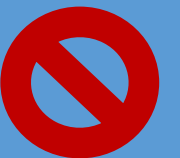
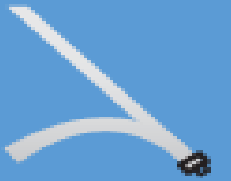


Where are the survey's observation sites?



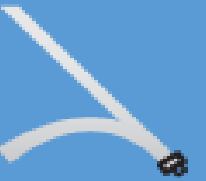
What do the observers record?

- Type of restraint device used/not used
- Child passenger age range
(Age Categories: 0-3; 4-5; 6-12)
- Front or back seating position
- Driver characteristics and usage
(Sex; Age; Race/Ethnicity)



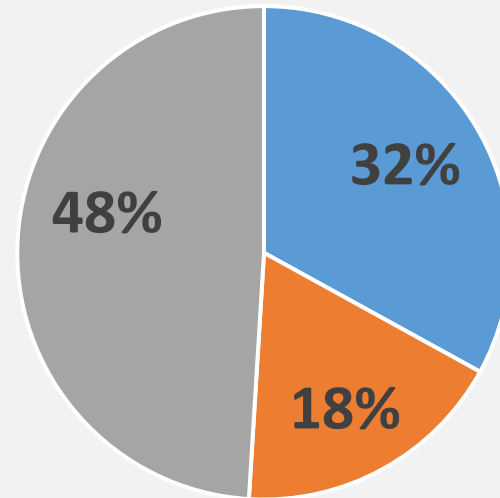
This survey effort in 2022 resulted in

- **5,371 children observed**
- **4,739 passenger vehicles**





Estimated age for children in the 2022 sample



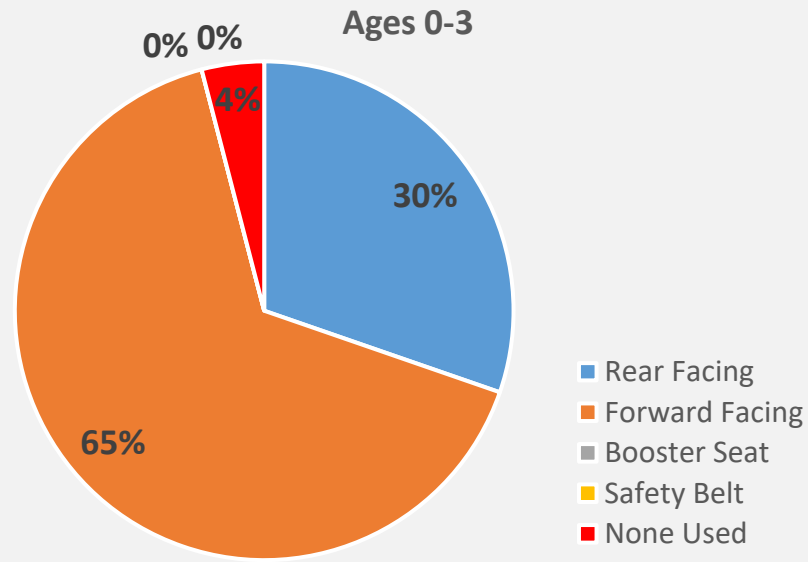
■ Ages 0-3
N= 1,773

■ Ages 4-5
N= 965

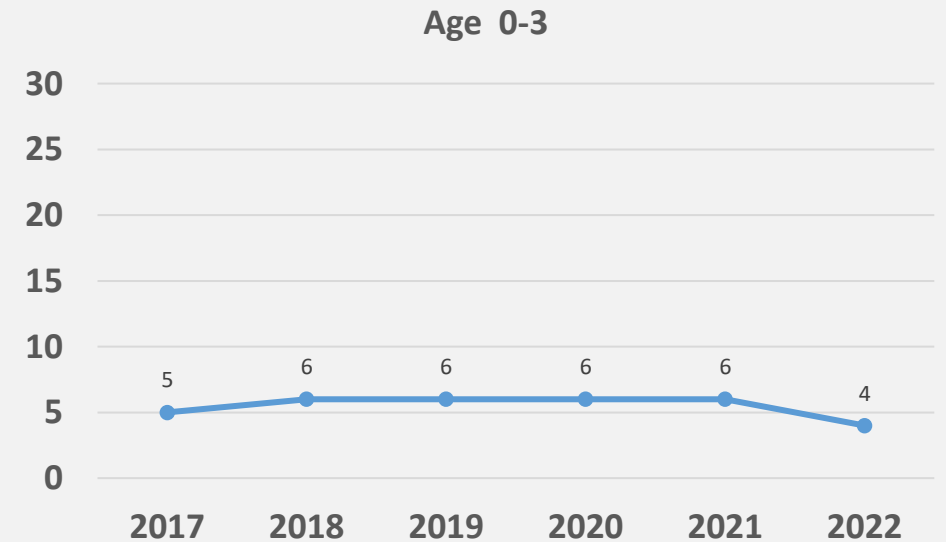
■ Ages 6-12
N= 2,633



Usage Among Children Ages 0-3 (n=1,773)

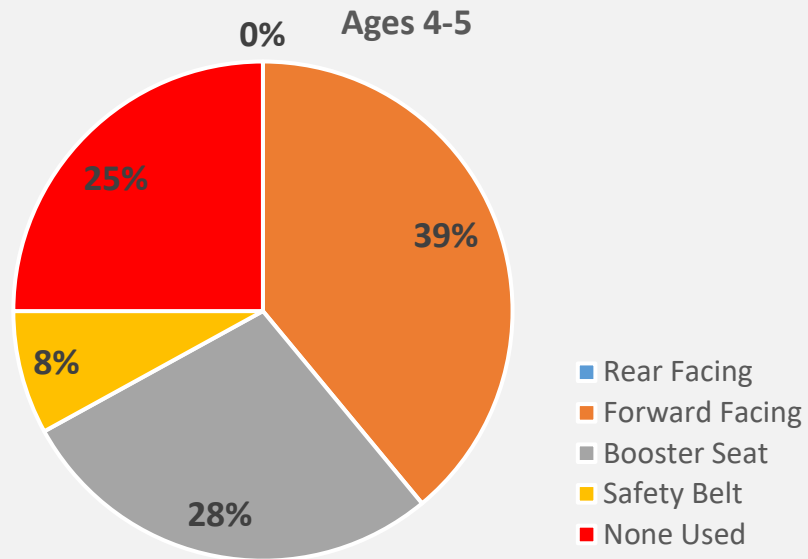


Trend in Non-usage for Ages 0-3

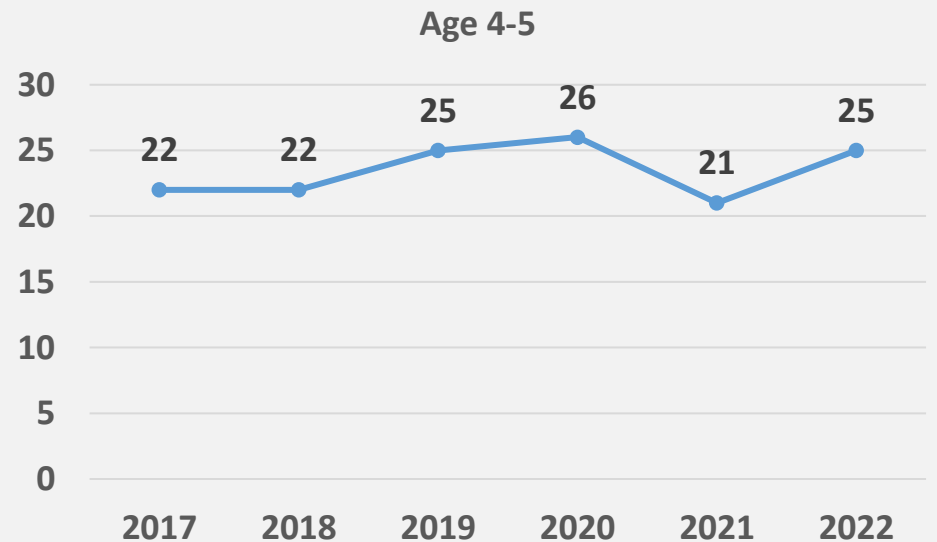




Usage Among Children Ages 4-5 (n=965)

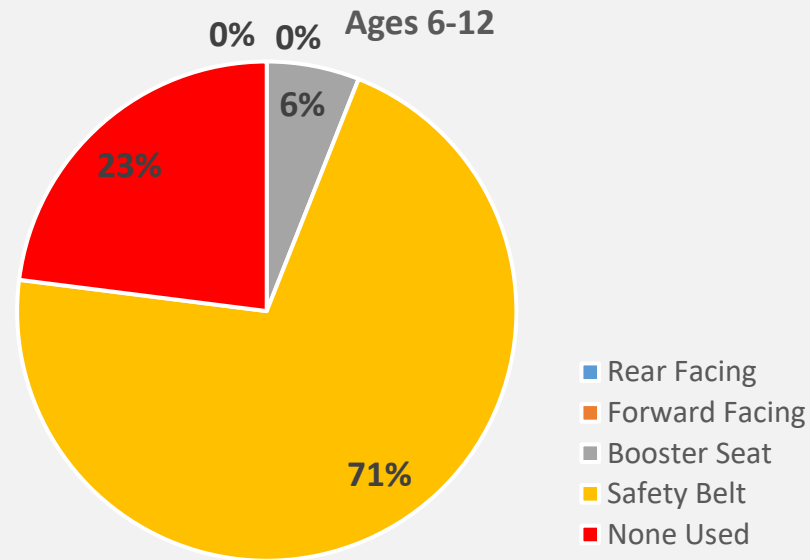


Trend in Non-usage for Ages 4-5

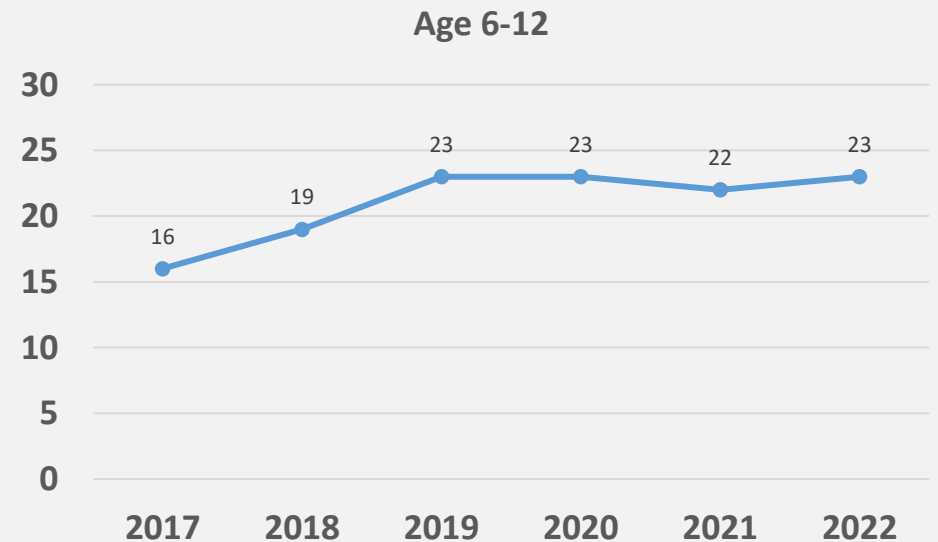




Usage Among Children Ages 6-12 (n=2,633)



Trend in Non-usage for Ages 6-12

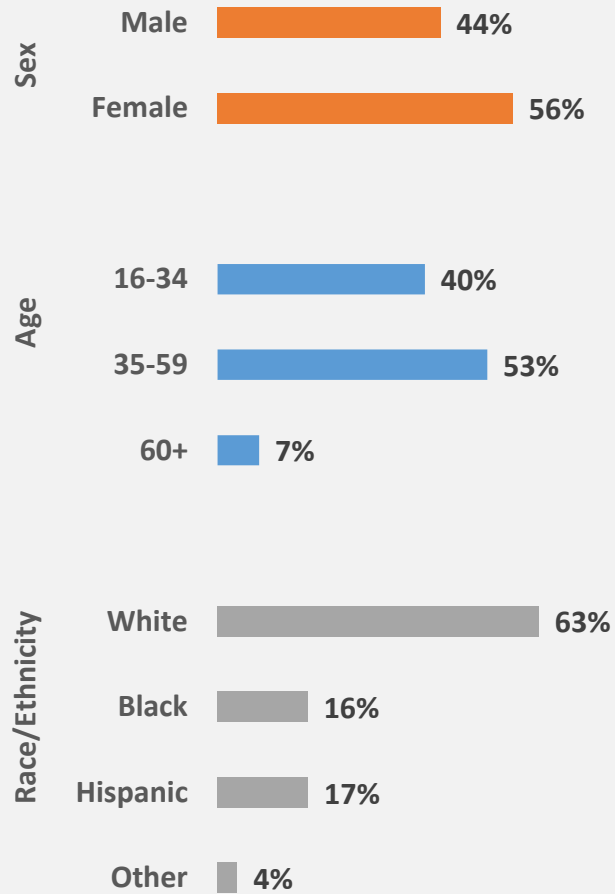




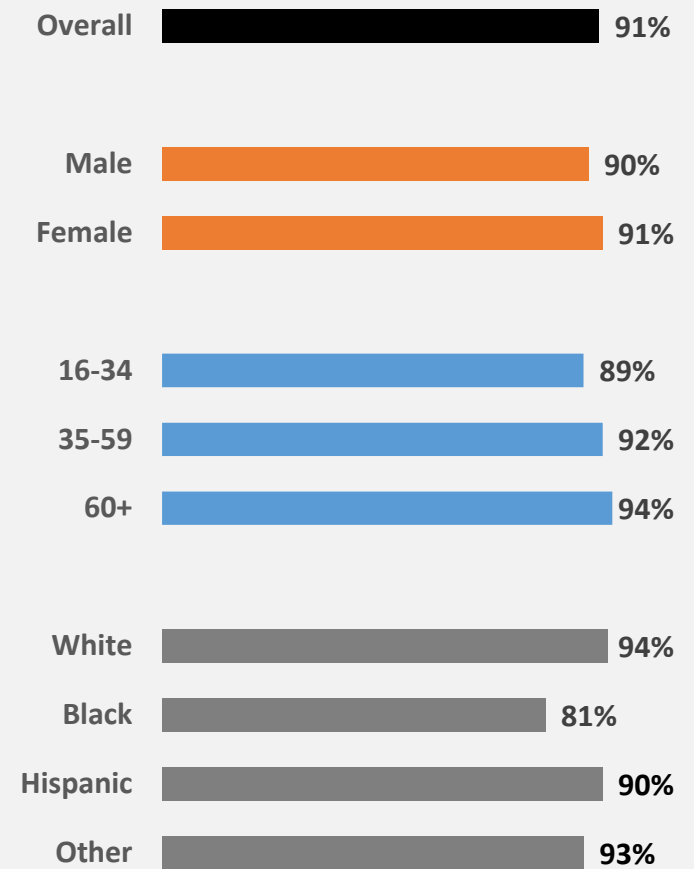
**Observers also recorded data
on the drivers with children in the vehicle**



Driver Characteristics



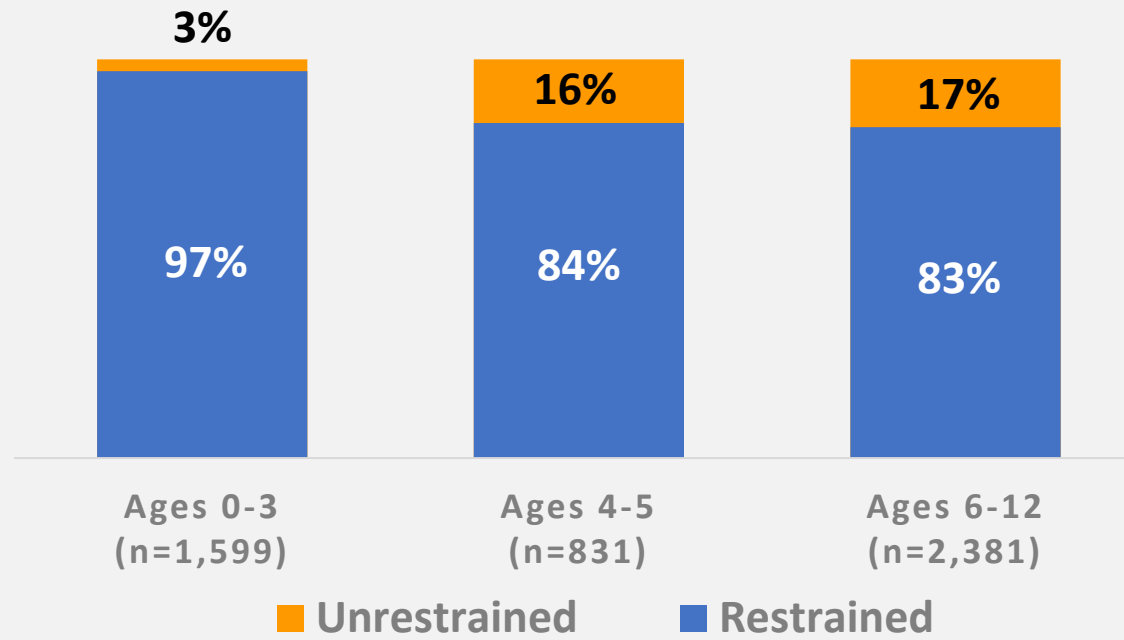
Usage by Driver Characteristic





How is Driver Belt Use Related to Child Restraint?

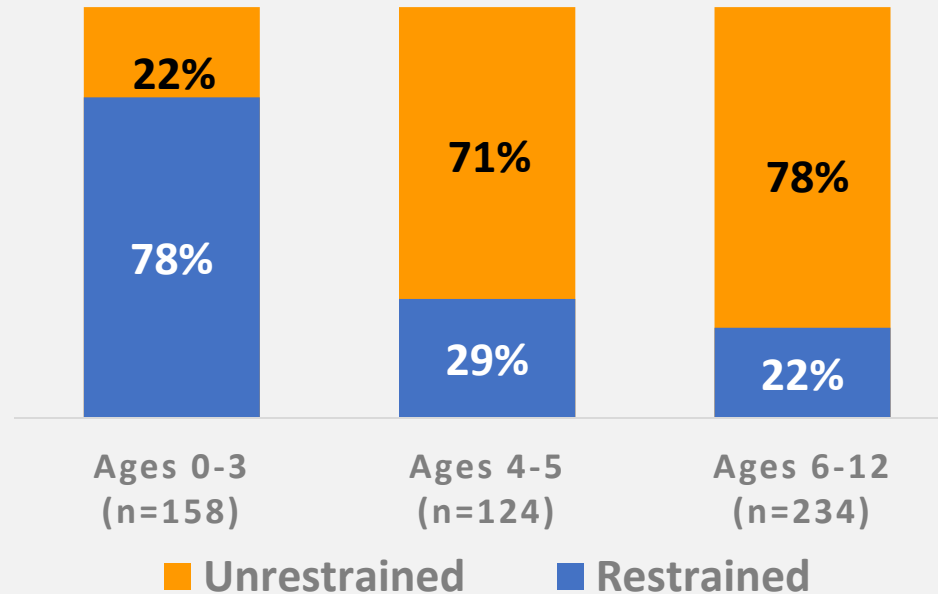
WHEN DRIVER IS BELTED





How is Driver Belt Use Related to Child Restraint?

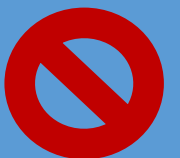
WHEN DRIVER IS NOT BELTED



2022 SEATING POSITION AND RESTRAINT USE

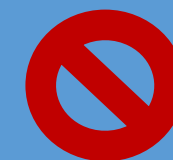
	% In a REAR Seat % Restrained	% In the FRONT Seat % Restrained
Ages 0-3	99% (n=1,755) 96%	1% (n=13) 62%
Ages 4-5	96% (n=930) 76%	4% (n=34) 44%
Ages 6-12	64% (n=1,684) 73%	36% (n=942) 86%
Total*	4,369	987

*Table includes passengers whose age, seating position, and restraint use were all recorded (n=5,356). Restraint use, age, and positional observations marked 'unknown' were removed.



Summary

Florida's 2022 Child Restraint Survey found that 17 percent of the children observed were clearly **unrestrained**



Summary – Differences by Age

Children Ages 0-3

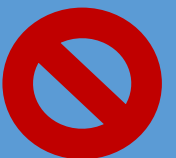
- This age mostly travels in the second or third rear row (99%)
- Nearly all were using some sort of restraint device (96%)
- **4 percent** were clearly **unrestrained**

Children Ages 4-5

- This age group mostly rides in a second or third row (96%)
- About as many this age group were using front-facing child seats (39%) as were using booster seats (28%) and seat belts (8%) combined.
- **25 percent** in this age group were clearly **unrestrained**

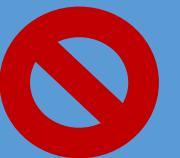
Children Ages 6-12

- This age group more representation in the front row (36%) than other groups
- **23 percent** in this age group were clearly **unrestrained**
- Safety belt usage was more likely in the front row compared to the rear rows (86% vs 73%)

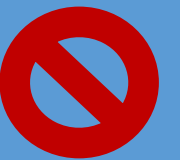
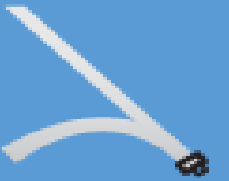


Summary – “Parental/Guardian” Influence

- 91% of the parent/guardians driving with a child were restrained
- 9% of the parent/guardians were unrestrained; During 200 hours of observation, observers recorded 516 unbuckled drivers with at least one child in the vehicle
- Children travelling with an unbuckled driver were far more likely to be unrestrained



FIN



**5
YEAR
AVERAGES**

