

# **2022 Safety Belt Use In Florida**

Preusser Research Group, Inc. Presentation

February 15, 2023

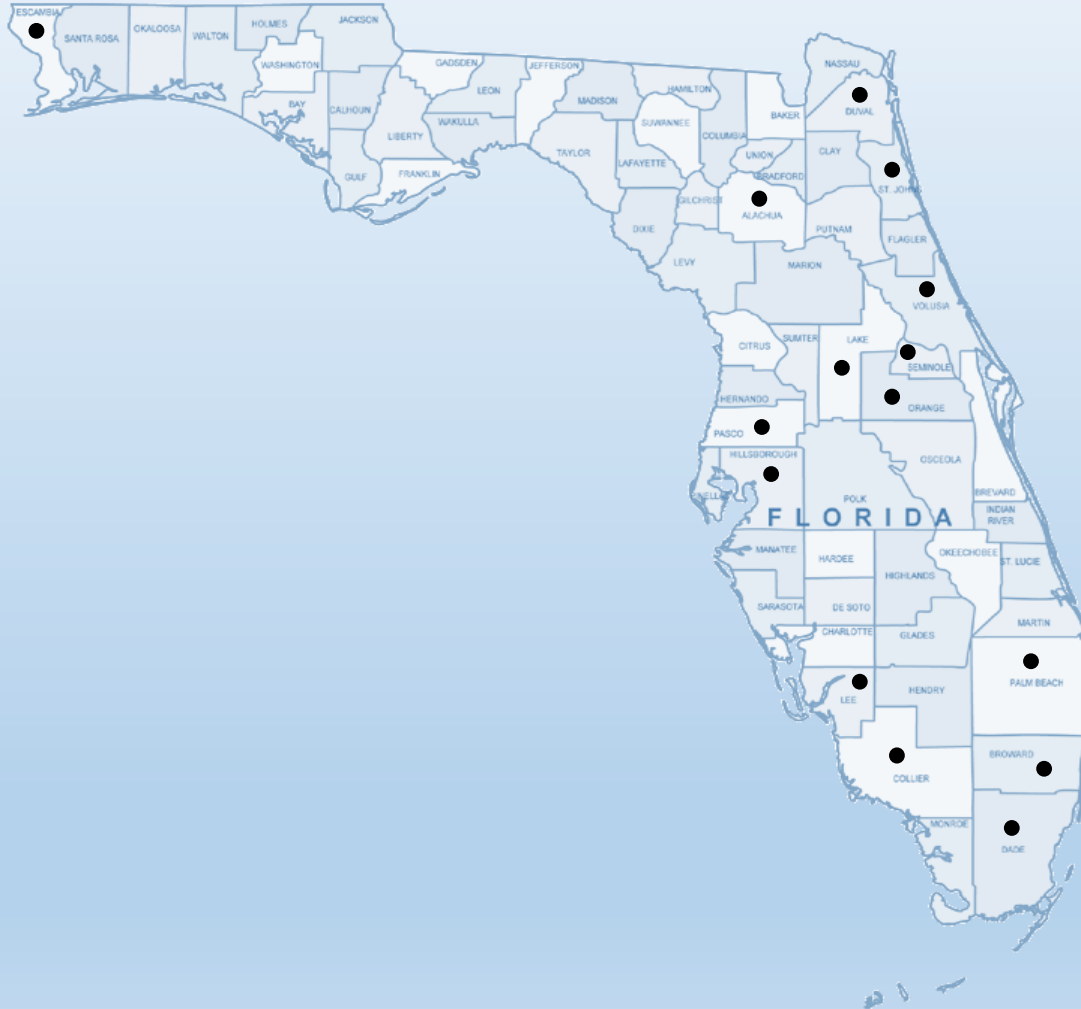


# **What is the annual survey designed to do?**

- Estimate usage during daylight hours
- Provide information on characteristics of belt use
- Provide a “Yardstick” for measuring change over time

# What counties are included?

- Escambia
- Alachua
- Duval
- St. Johns
- Volusia
- Seminole
- Lake
- Orange
- Hillsborough
- Pasco
- Lee
- Collier
- Palm Beach
- Broward
- Miami-Dade



The 2022 survey used the same counties measured in the prior five surveys (2017-2021); allowed per Federal Register Guidelines

# Survey Methodology

- 165 sites
- One-hour observations
- Daylight hours (7 a.m.–6 p.m.)
- All days of week

## Info collected

- Vehicle type
- Driver: sex; age; race; and belt use
- Passenger: sex; race; age; and belt use (front outboard passengers)



## Appendix B. Florida Safety Belt Observation Form

SITE NUMBER: \_\_\_\_\_ SITE: \_\_\_\_\_

NOTES: \_\_\_\_\_

DATE: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ DAY OF WEEK: \_\_\_\_\_ WEATHER CONDITIONS  
 1 Clear / Sunny 4 Fog  
 2 Light Rain 5 Wet But Not Raining  
 3 Cloudy

DIRECTION OF TRAFFIC FLOW (Circle one): N S E W

START TIME: \_\_\_\_\_ (Observation period will last exactly 60 minutes)

Veh. #	VEHICLE			DRIVER			PASSENGER		
	Vehicle C = car T = truck S = SUV V = van	Sex M = male F = female J = unsure	Age Y = 16-34 M = 35-59 O = 60 or older J = unknown	Race W = White B = Black H = Hispanic O = Other J = unsure	Use Y = yes N = no J = unsure	Sex M = male F = female J = unsure	Age C = 0-15 Y = 16-34 M = 35-59 O = 60 or older J = unknown	Race W = White B = Black H = Hispanic O = Other J = unsure	Use Y = yes N = no J = unsure
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FLORIDA SAFETY BELT SURVEY  
FORM 2017

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# Sample Info

31,161 front seat occupants in 2022 sample  
[in comparison 33,610 in 2021 sample]

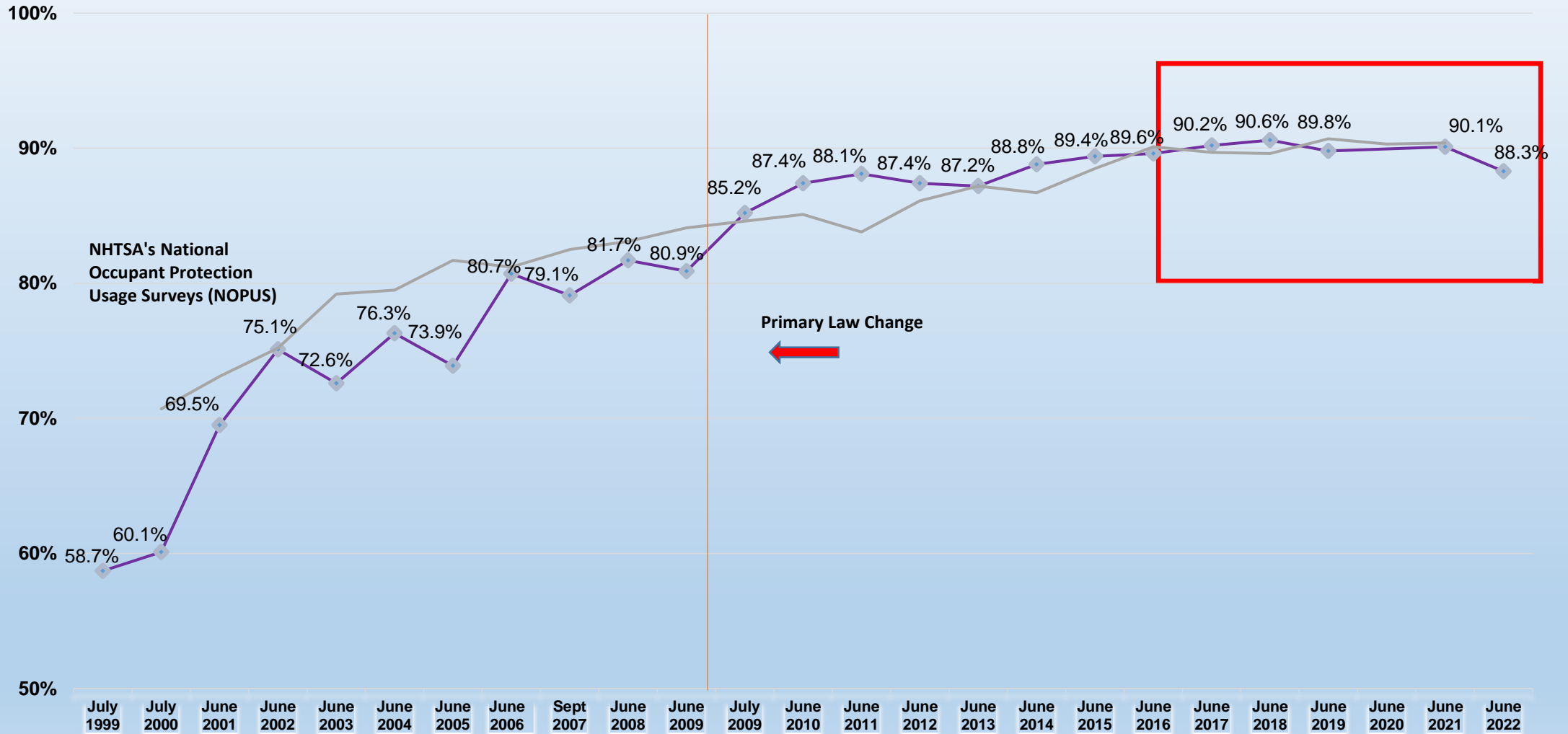
	(n)	%
<b>Occupant Type</b>		
Drivers	25,434	82%
Passengers	5,727	18%
<b>Occupant Sex</b>		
Male	17,258	55%
Female	13,883	45%
Other	20	0%
<b>Occupant Race/Ethnicity</b>		
White	19,572	63%
Black	4,936	16%
Hispanic	5,790	19%
Asian	607	2%
Other/Unsure	256	>1%

	(n)	%
<b>Vehicle Type</b>		
Passenger Cars	12,223	39%
SUVs	11,709	38%
Vans	2,259	7%
Pickup Trucks	4,970	16%
<b>Road Type</b>		
Interstates	7,198	23%
Principal Arterials	7,896	25%
Minor Arterials	7,327	24%
Collectors	5,683	18%
Local Roads	3,057	10%

**So what is the  
2022 Florida seat belt use rate?**

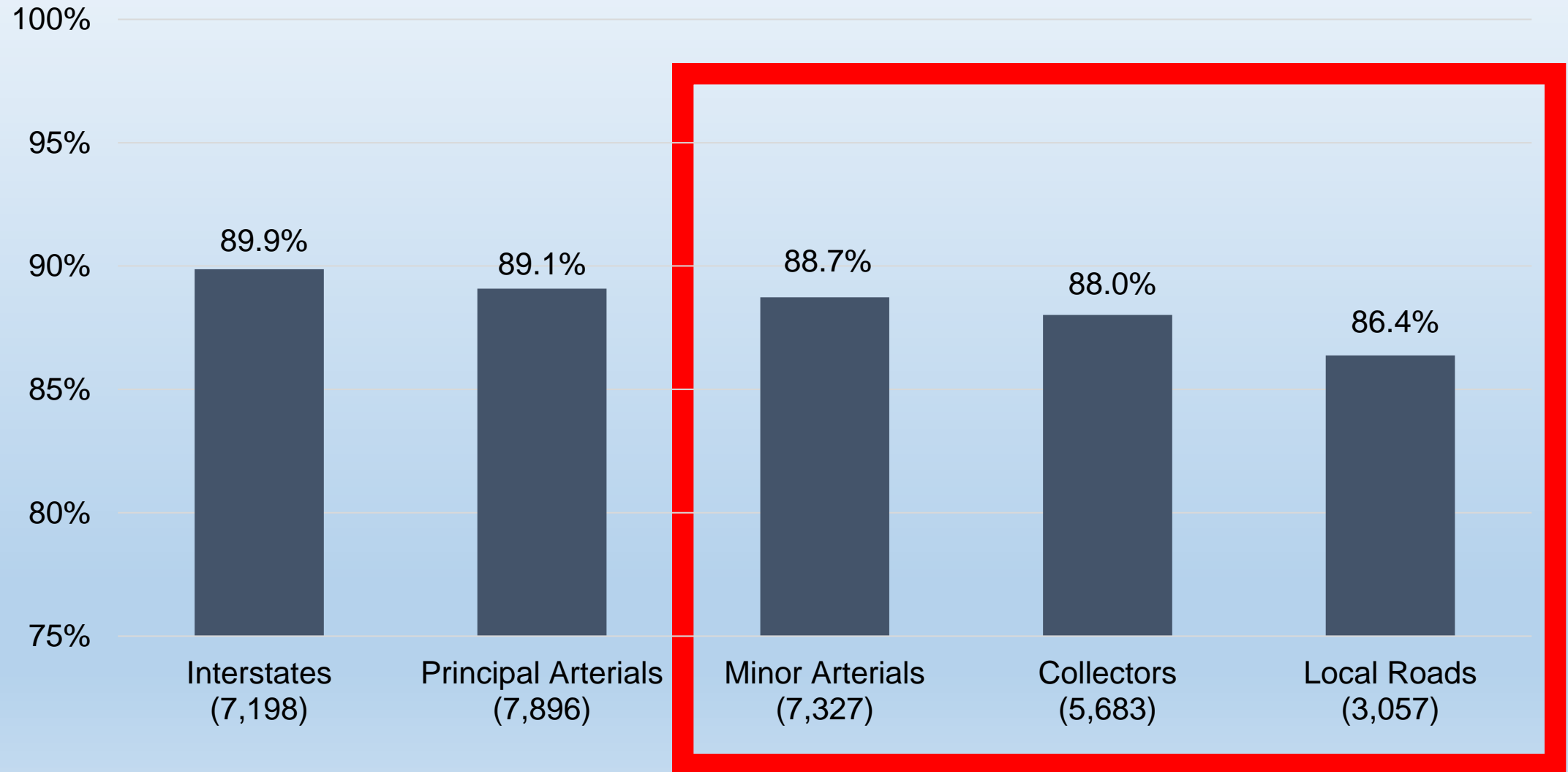
**88.3%**

# Seat Belt Usage Trend Line

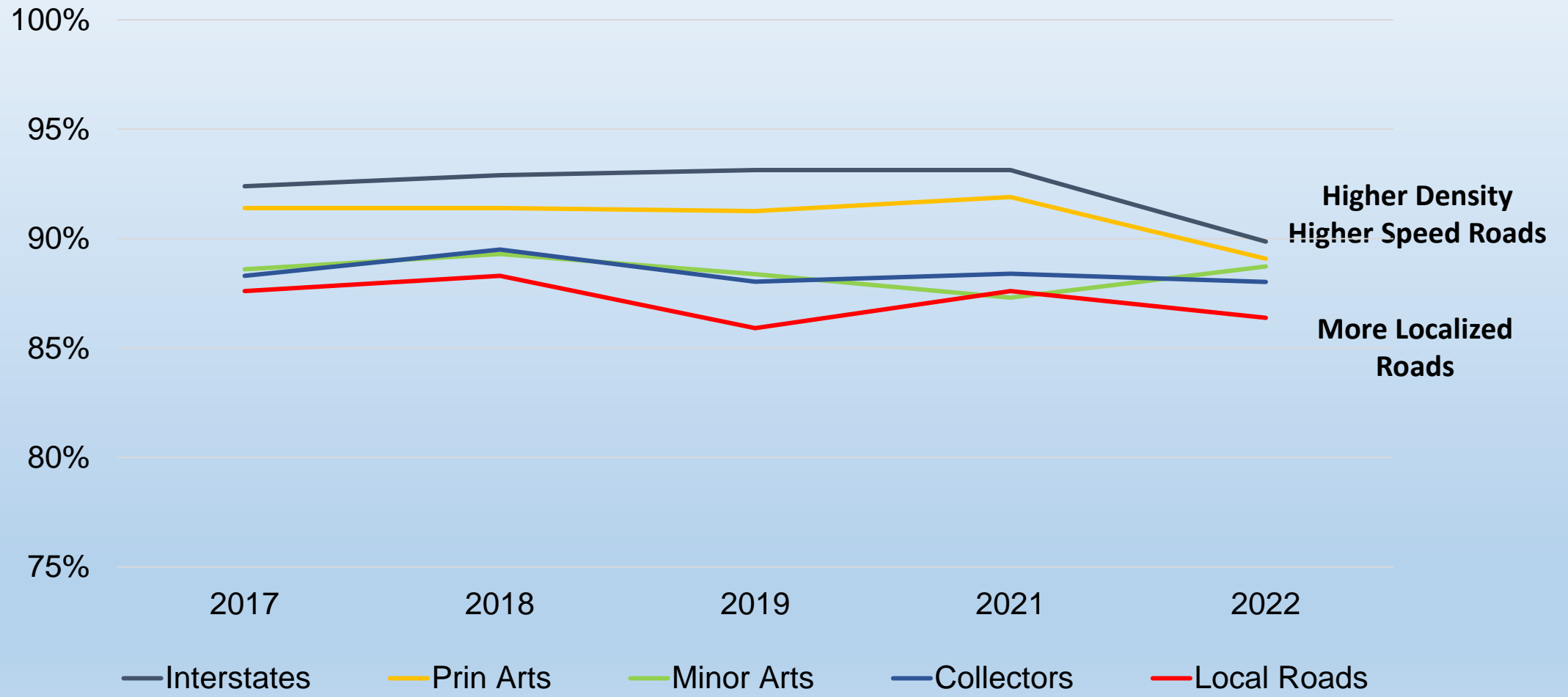




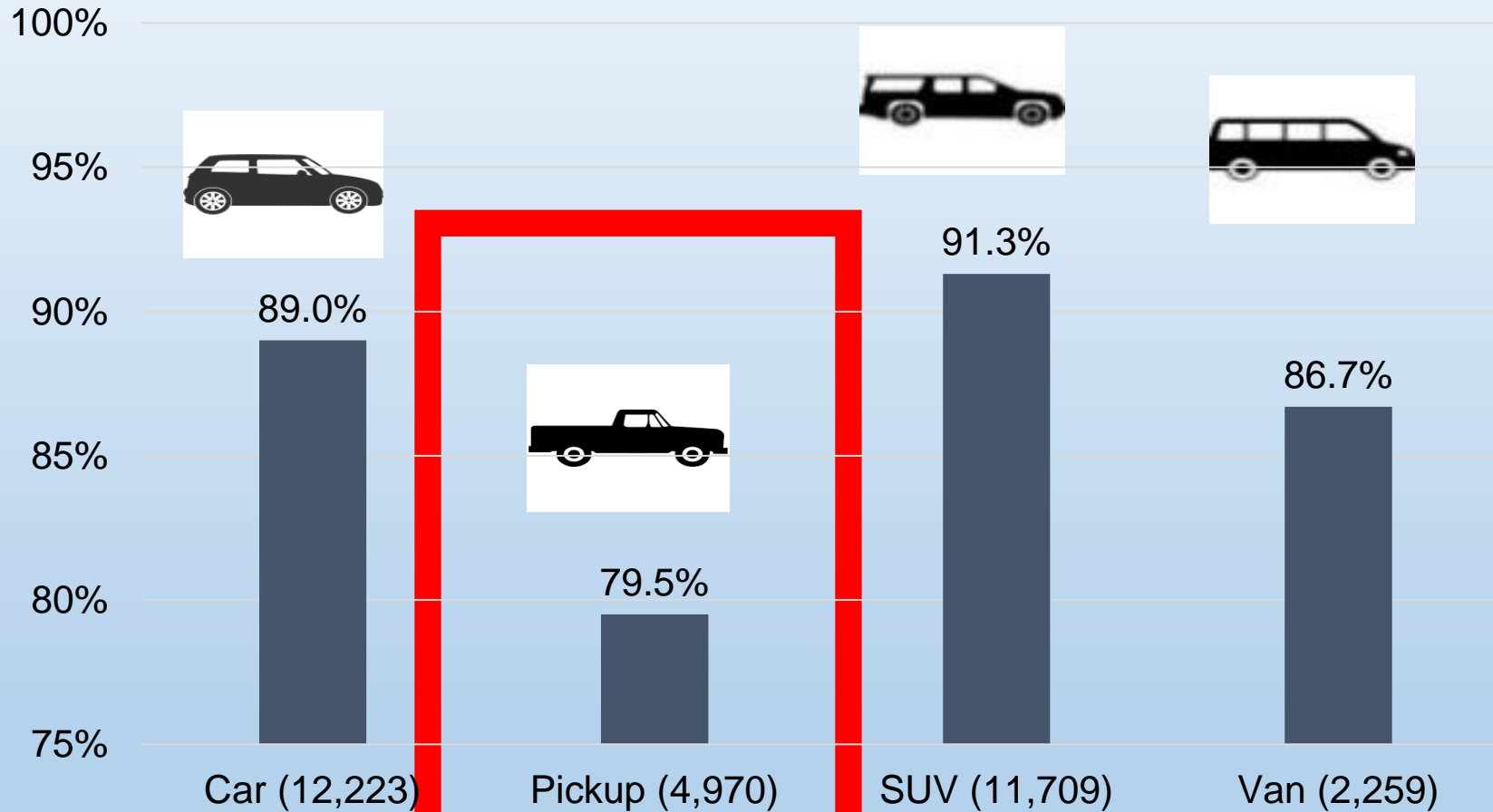
# By Road Type



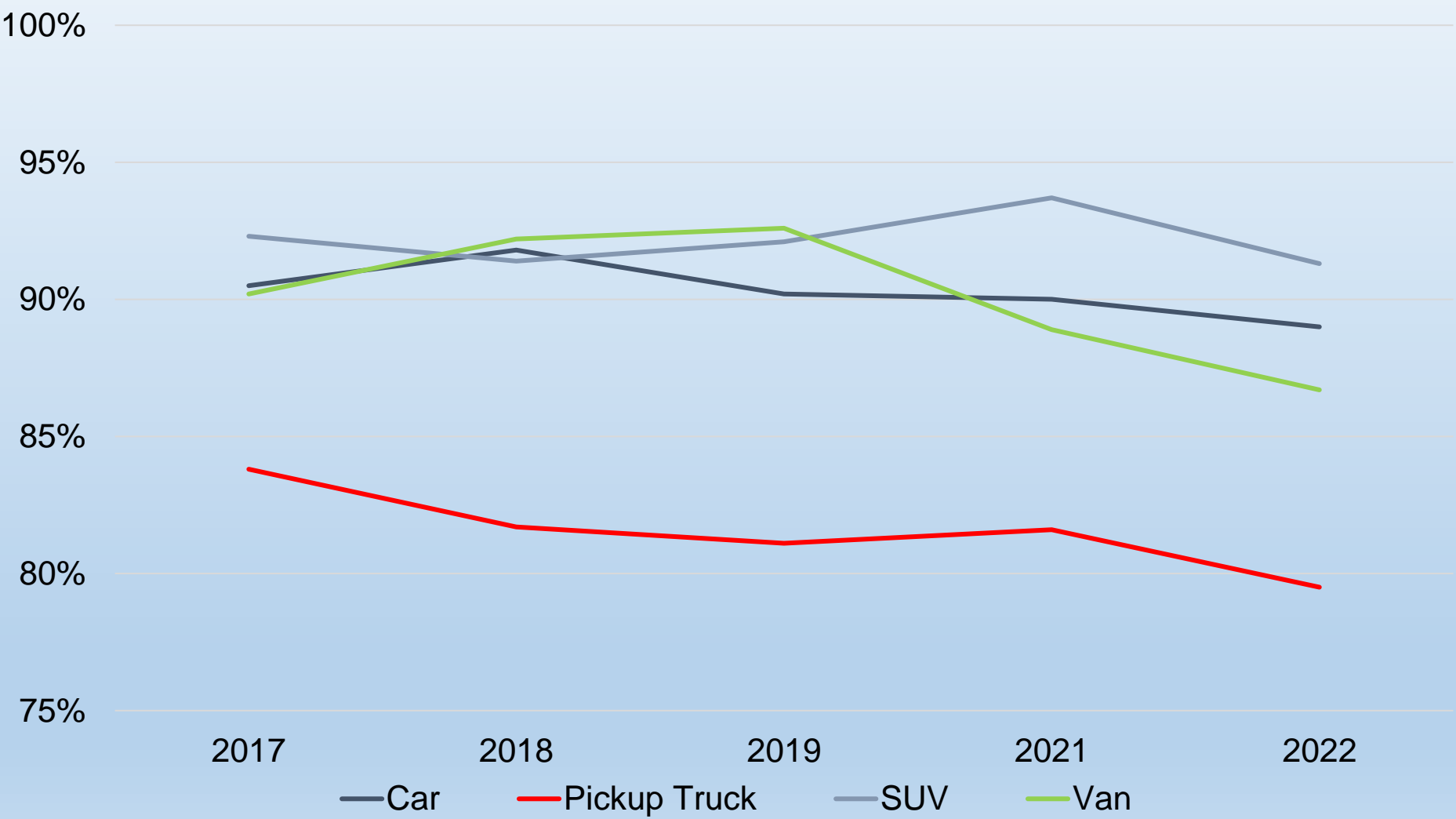
# Trend for Road Type



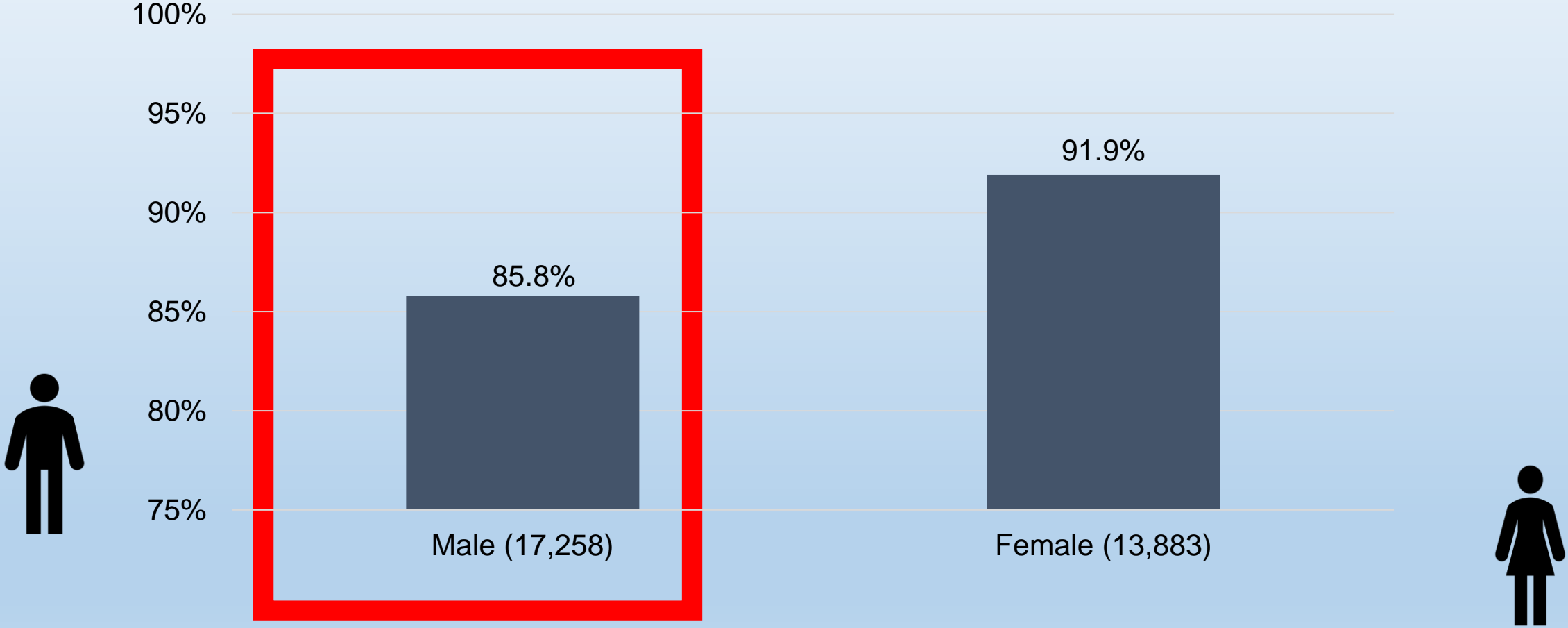
# By Vehicle Type



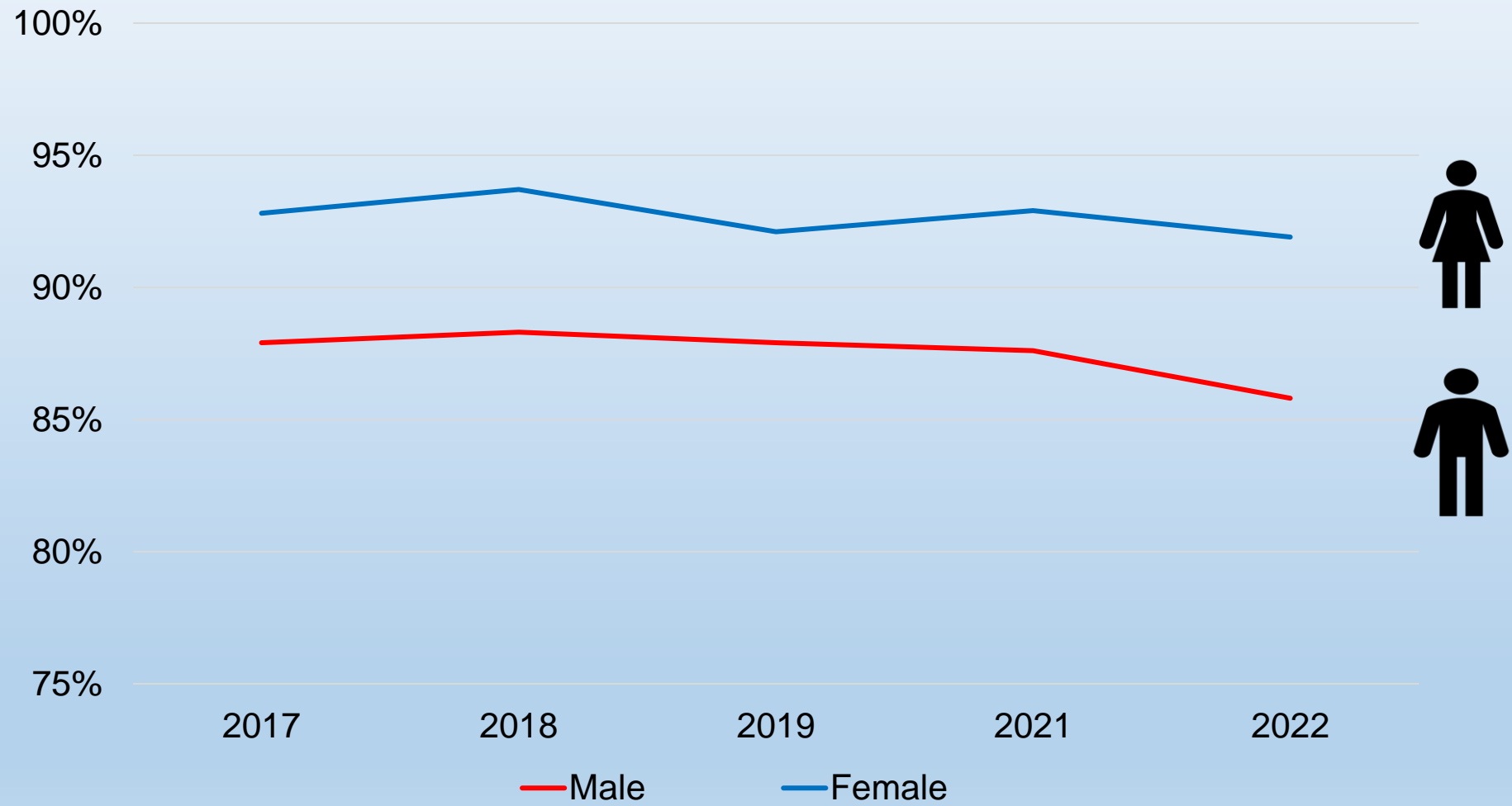
# Trend for Vehicle Type



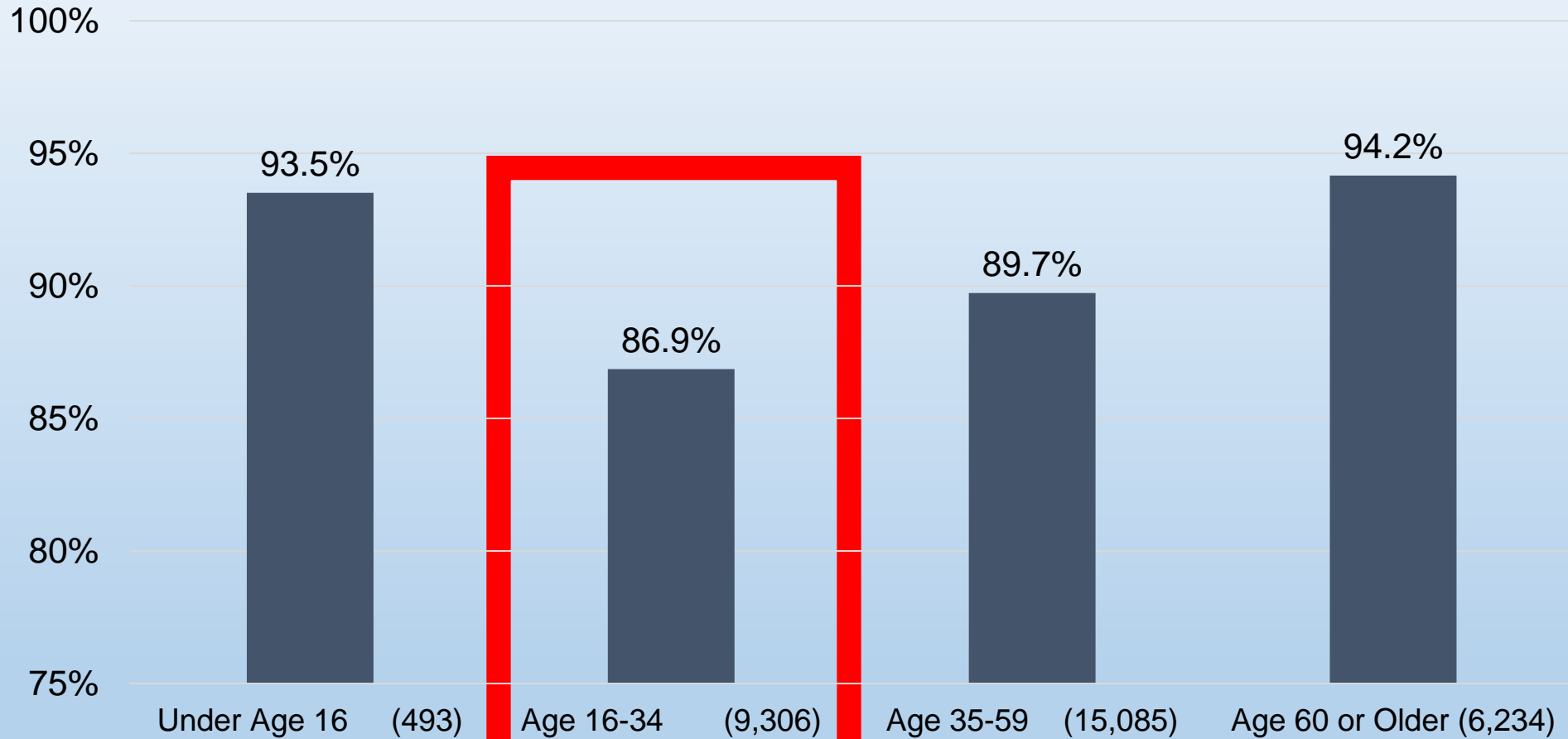
# By Occupant Sex



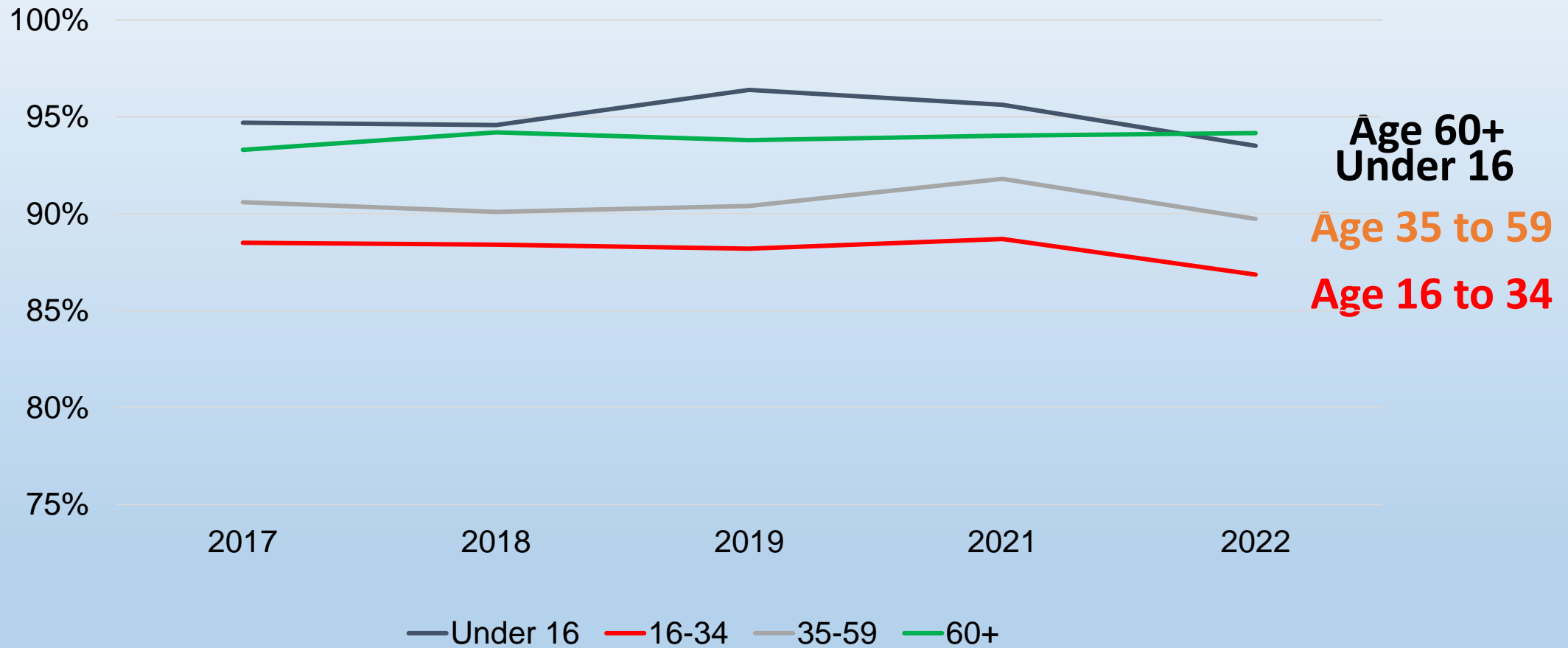
# Trend for Sex of Occupant



# By Occupant Age

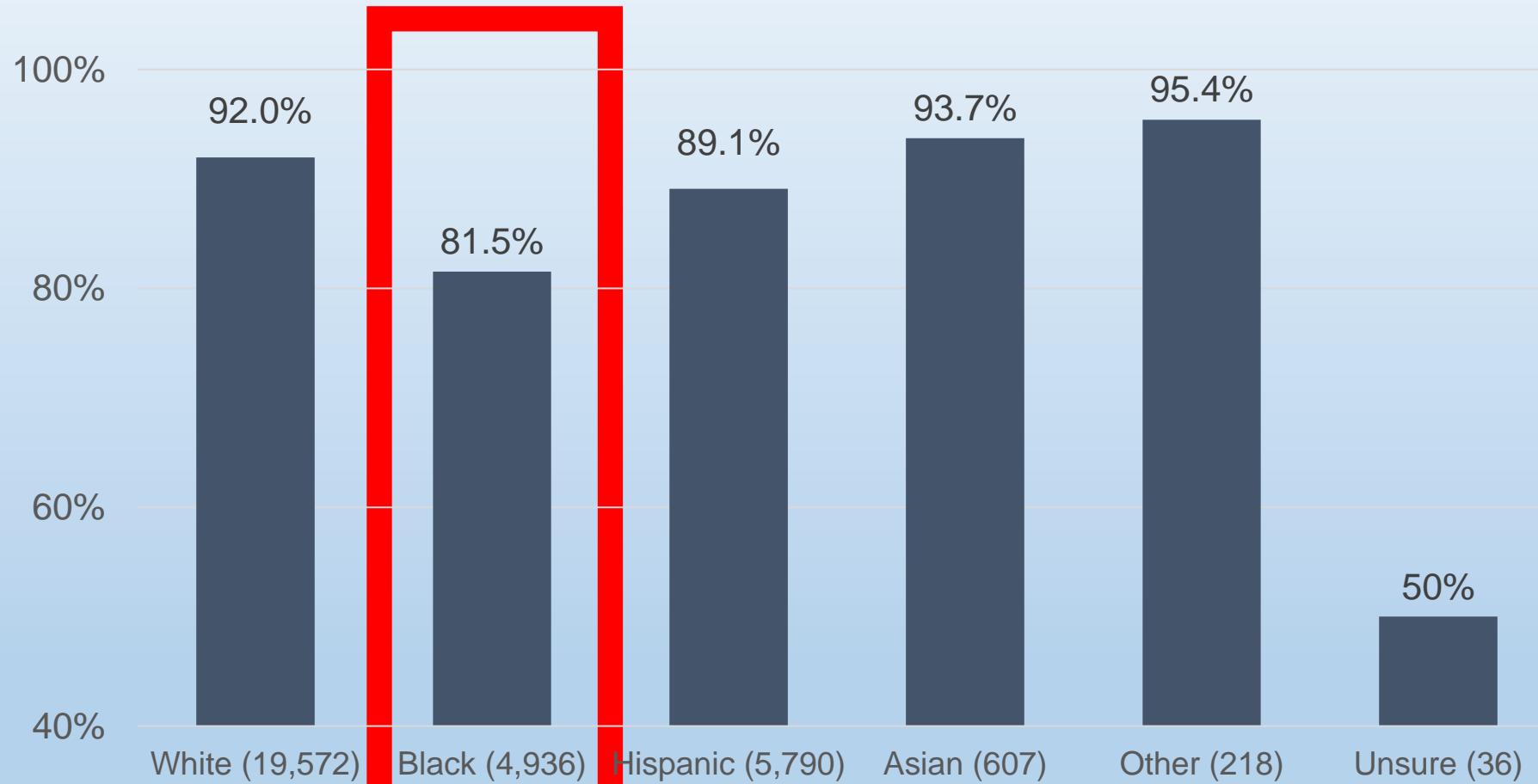


# Trend for Occupant Age

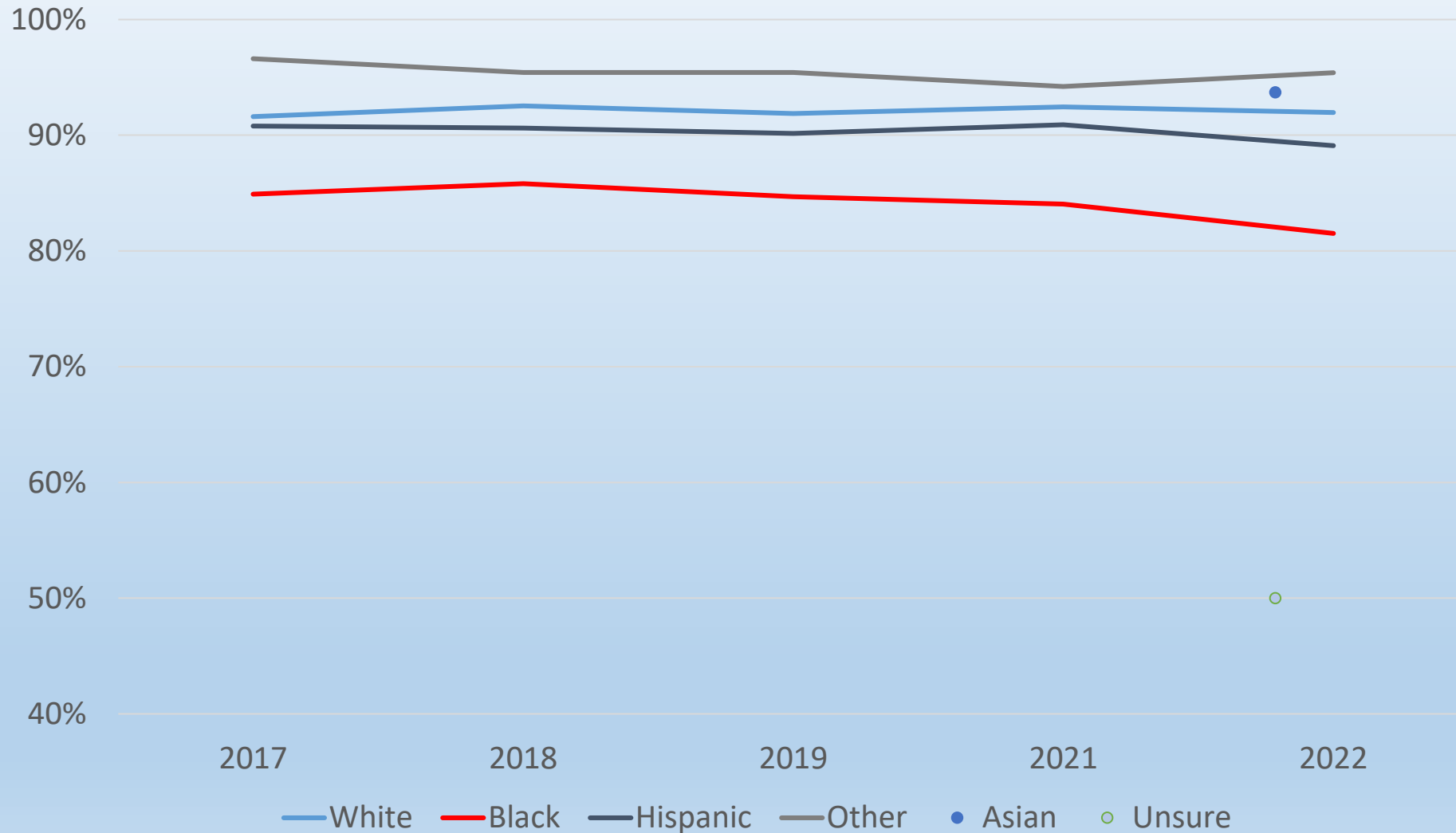




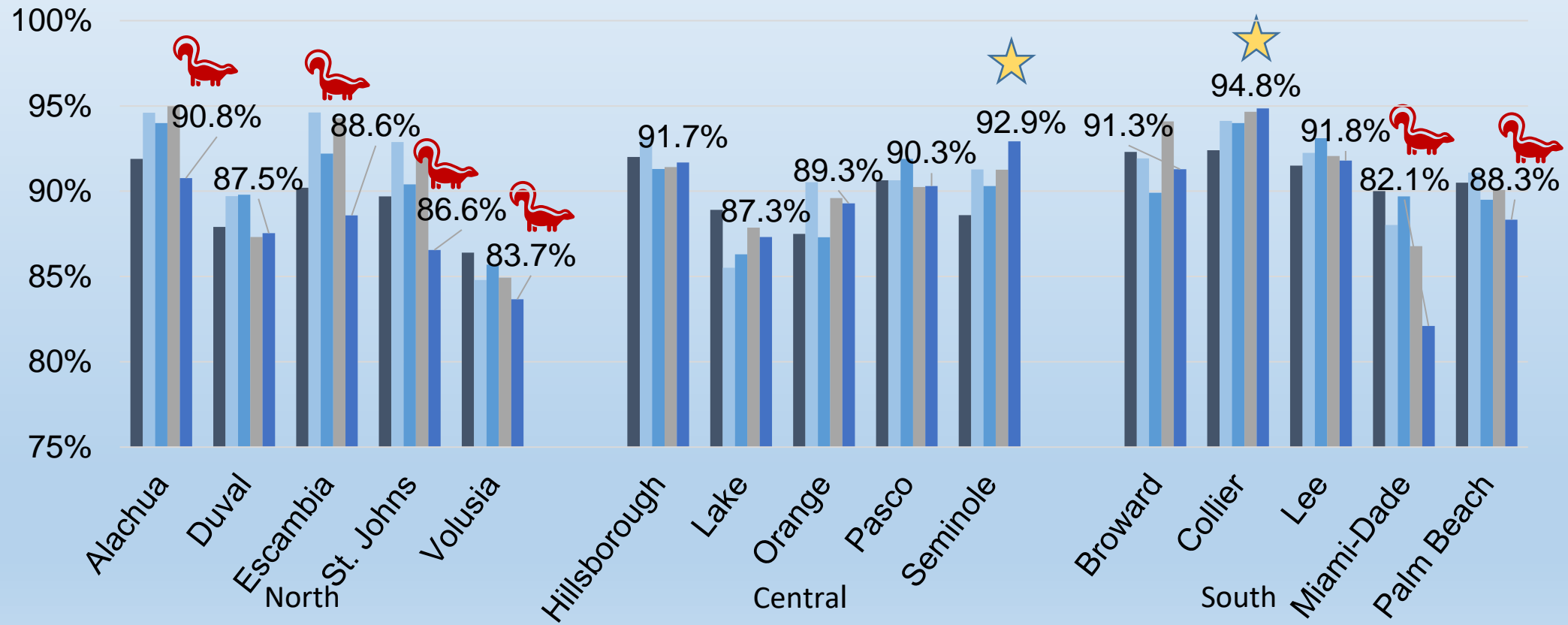
# By Occupant Race/Ethnicity



# Trend for Race/Ethnicity



# County Usage from 2017 to 2022



# Conclusions

- Florida's statewide safety belt use rate for 2022 is 88.3 percent, down from last year's 90.1 percent but not statistically significant.
- While counties measured were the same, sites were brand new for 2022, so adjustments there could have some effect.
- The room for improvement is still among the "usual culprits":
  - Local Roadways
  - Occupants in pickup trucks
  - Male occupants
  - Occupants ages 16-34
  - Black occupants
- Look at additional sources (crash data, awareness data, trauma data, etc.)
- Use countermeasures that work to address low use groups

# The End