

2019 Safety Belt Use In Florida

Preusser Research Group, Inc. Presentation

November 21, 2019

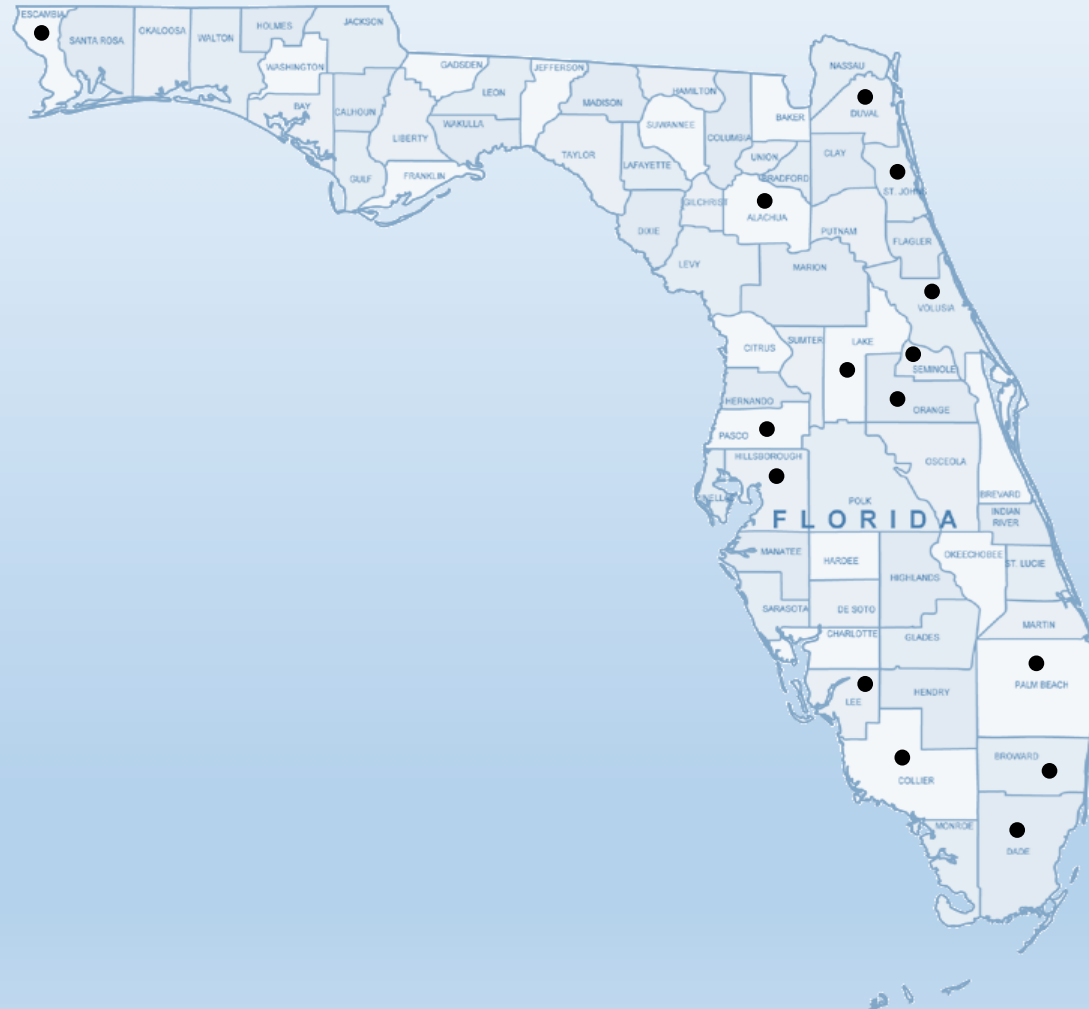


What is the annual survey designed to do?

- 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



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: _____

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

WEATHER CONDITIONS
 1 Clear / Sunny 4 Fog
 2 Light Rain 5 Wet But Not
 3 Cloudy Raining

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 U = unsure	Age Y = 16-34 M = 35-59 O = 60 or older U = unknown	Race W = White B = Black H = Hispanic O = Other U = unsure	Use Y = yes N = no U = unsure	Sex M = male F = female U = unsure	Age C = 6-15 Y = 16-34 M = 35-59 O = 60 or older U = unknown	Race W = White B = Black H = Hispanic O = Other U = unsure	Use Y = yes N = no U = unsure
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FLORIDA SAFETY BELT SURVEY
FORM 2017

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Sample Info

34,241 front seat occupants in sample

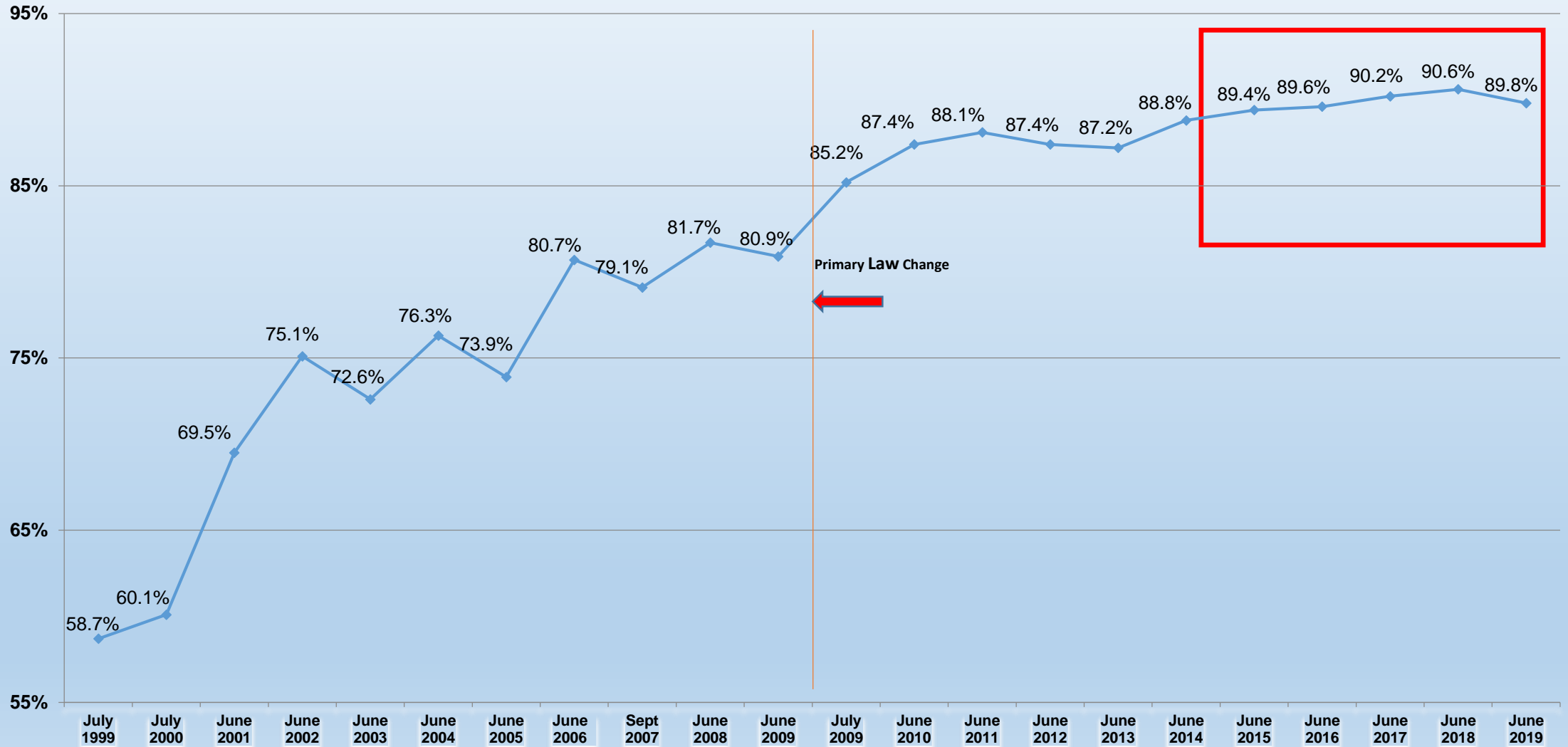
	(n)	%
Occupant Type		
Drivers	27,699	81%
Passengers	6,542	19%
Occupant Sex		
Male	18,568	54%
Female	15,632	46%
Other	41	<1%
Occupant Race/Ethnicity		
White	22,120	65%
Black	5,207	15%
Hispanic	5,842	17%
Other	983	3%

	(n)	%
Vehicle Type		
Passenger Cars	16,294	48%
SUVs	10,417	30%
Vans	2,548	7%
Pickup Trucks	4,982	15%
Road Type		
Interstates	7,000	20%
Principal Arterials	9,246	27%
Minor Arterials	8,598	25%
Collectors	5,843	17%
Local Roads	3,554	10%

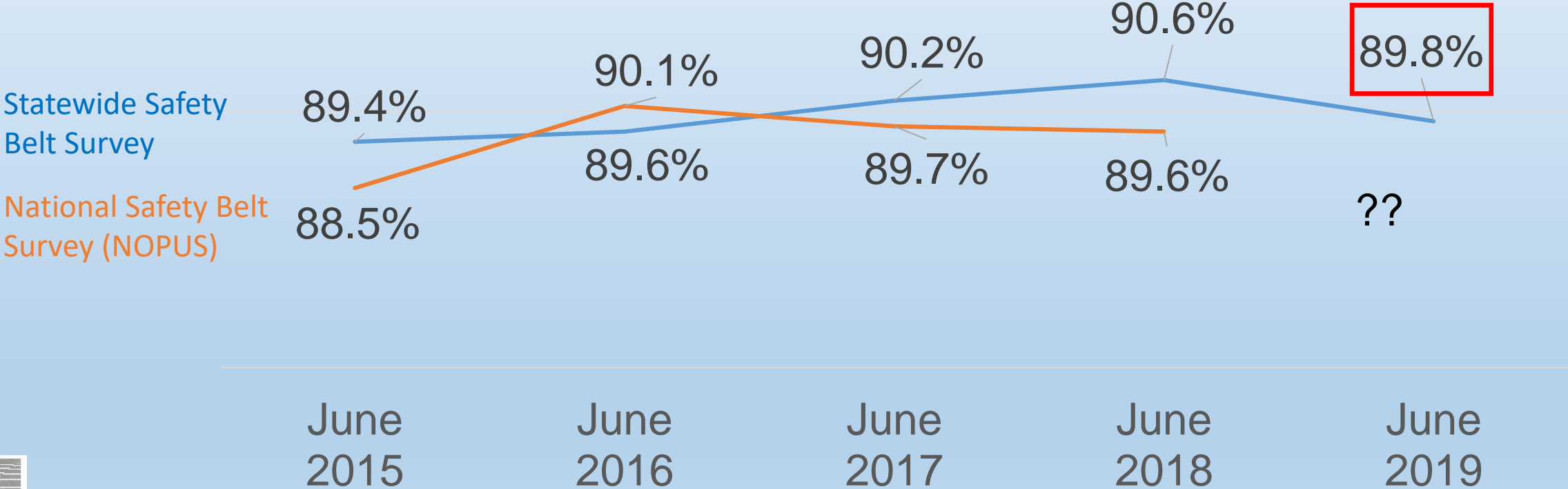
**So what is the
2019 Florida seat belt use rate?**

89.8%

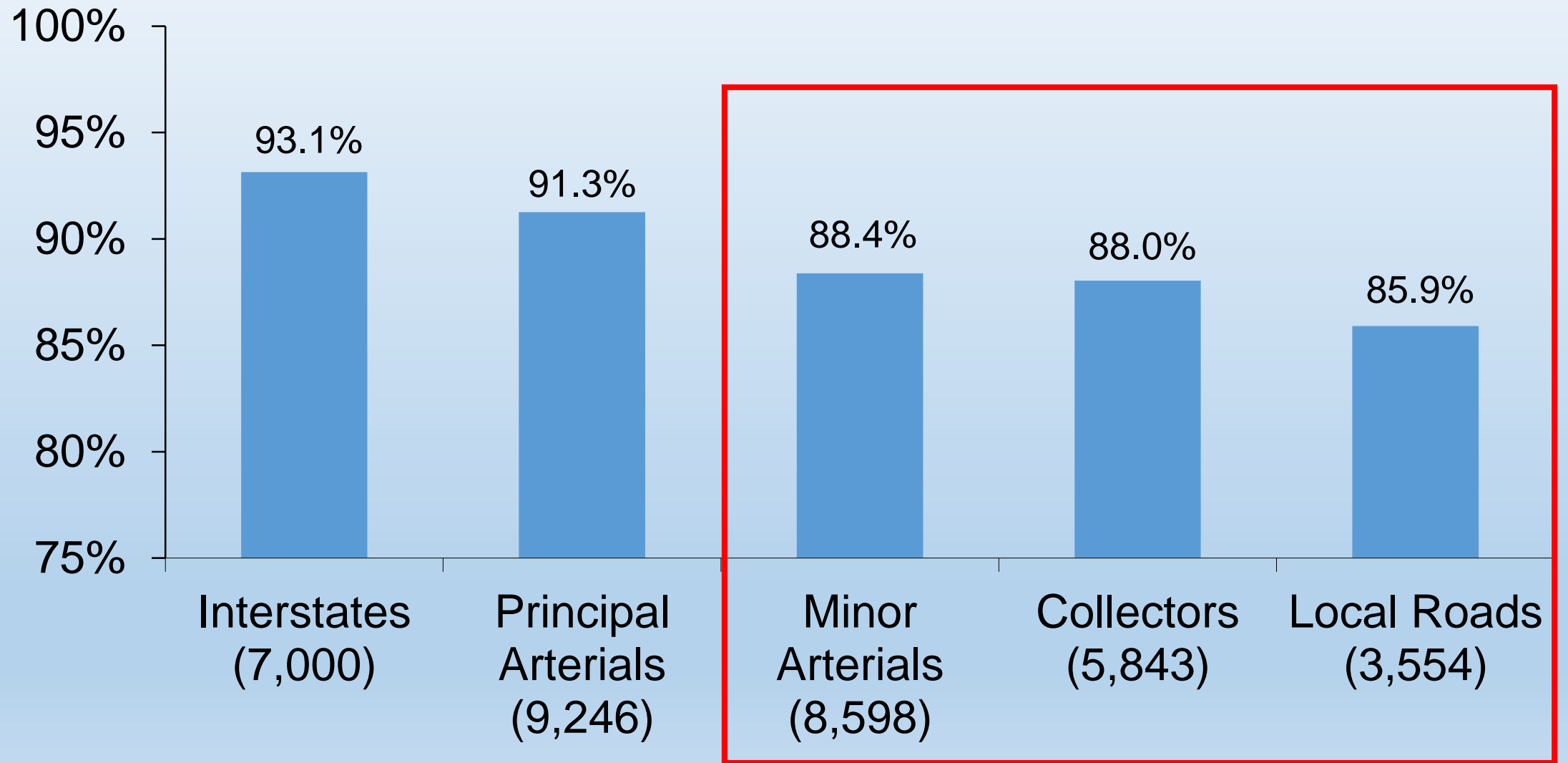
Seat Belt Usage Trend Line



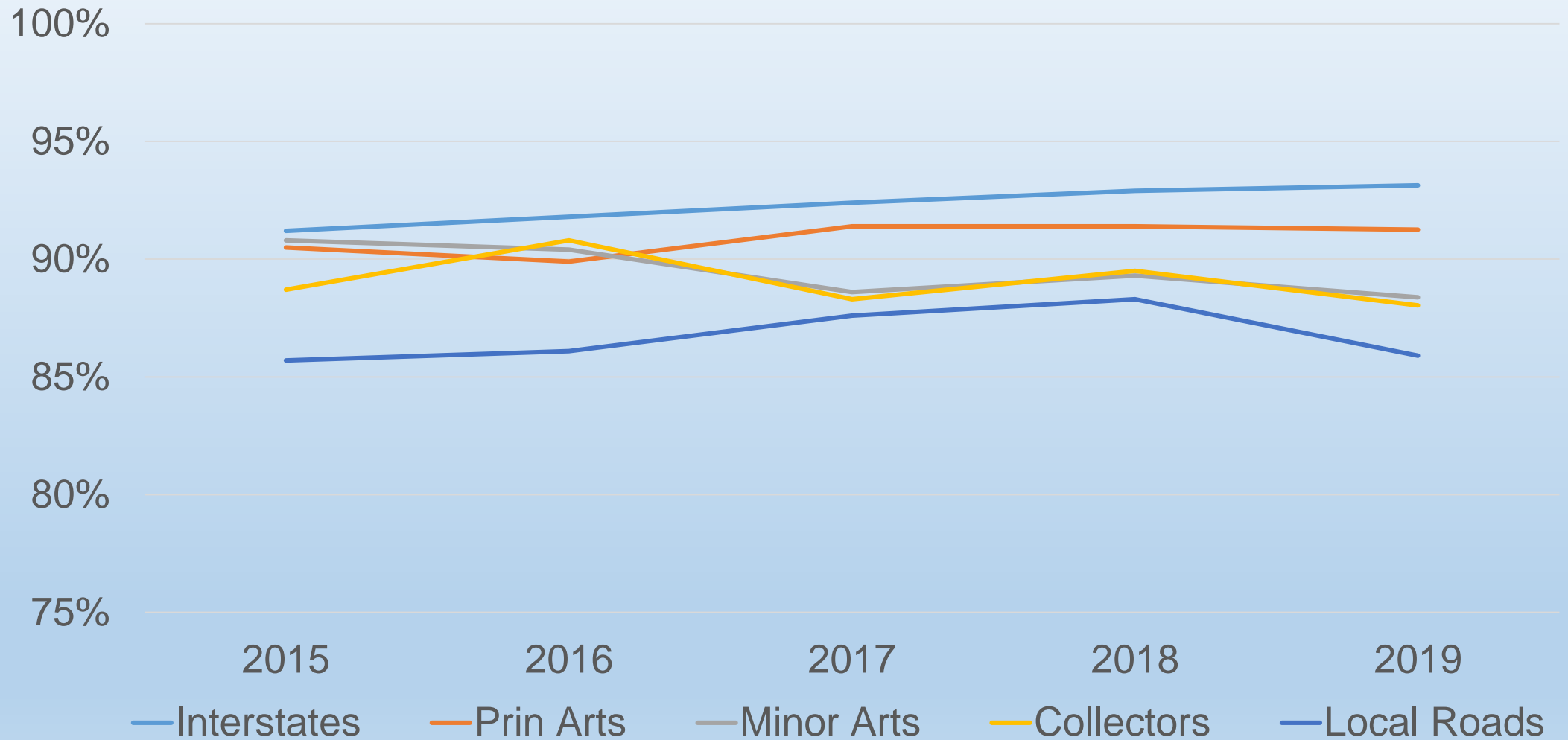
Five Year Trend



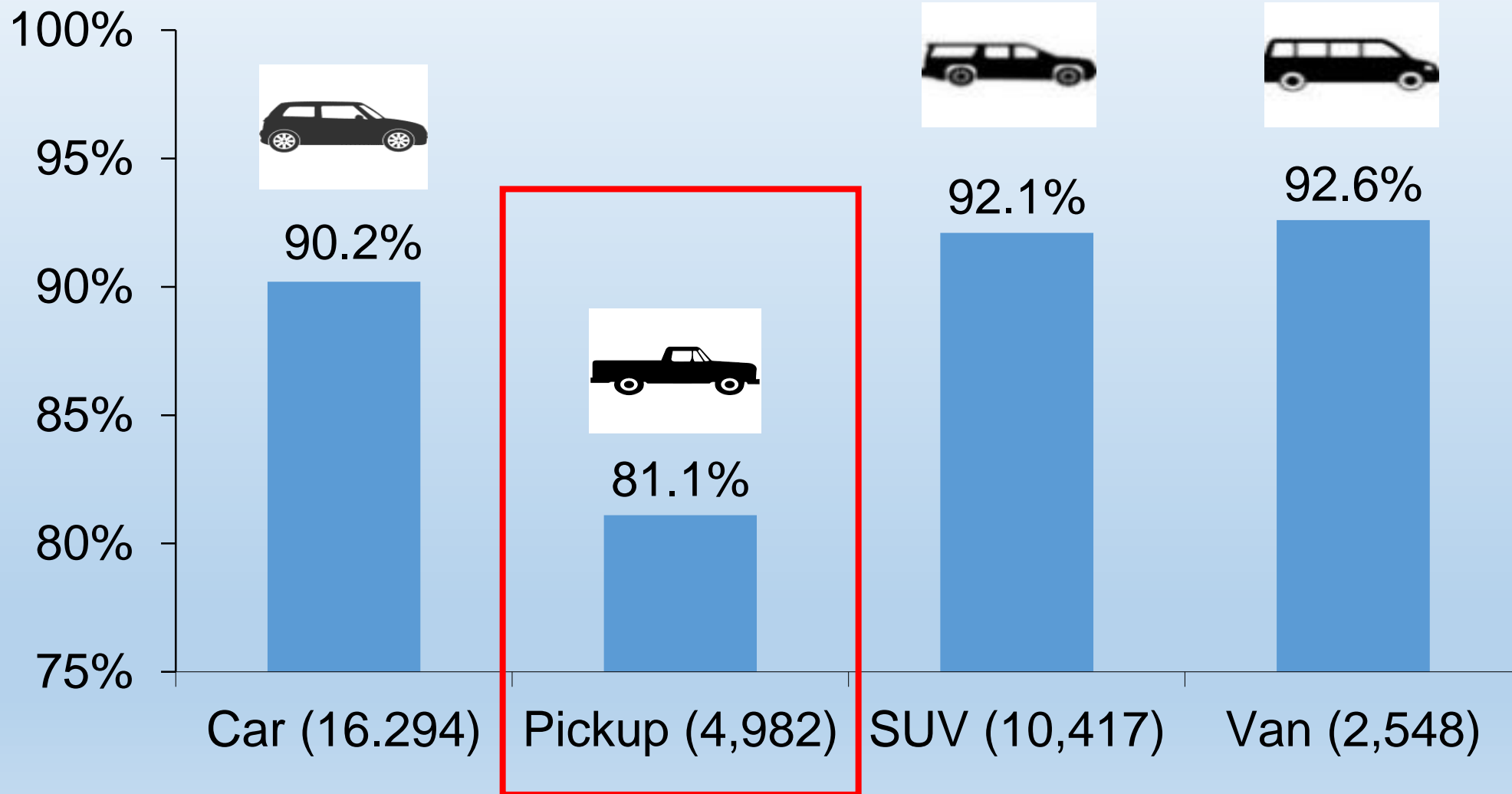
By Road Type



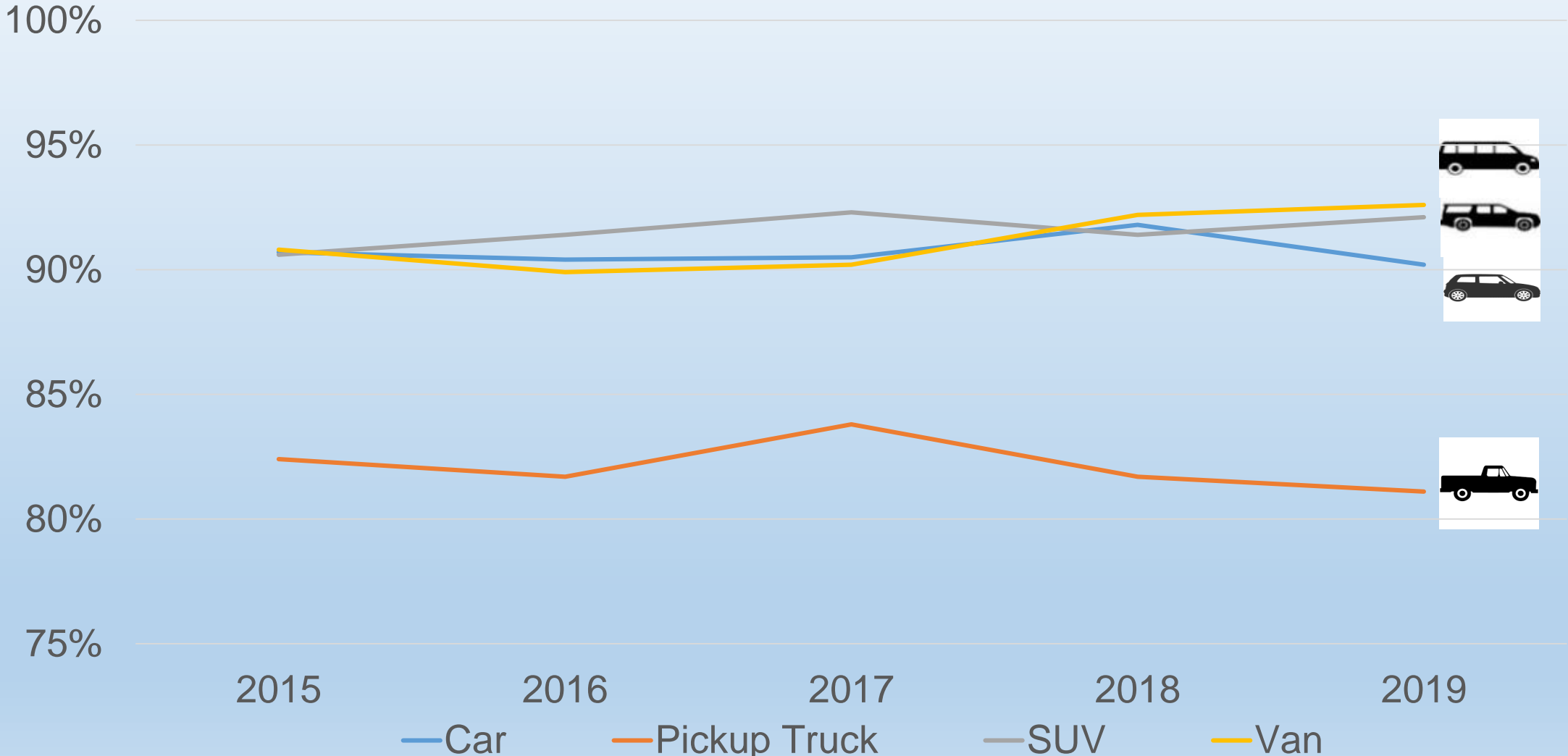
Trend for Road Type



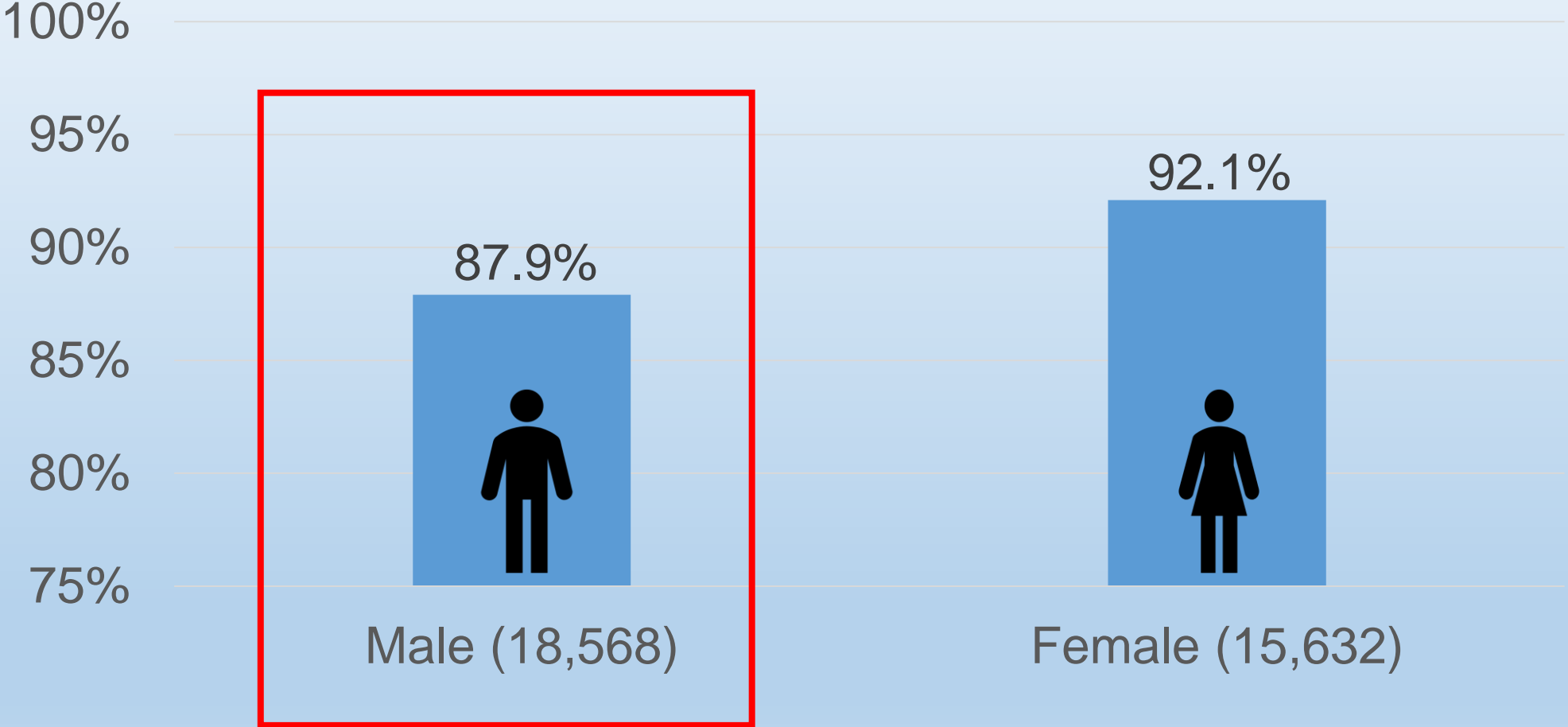
By Vehicle Type



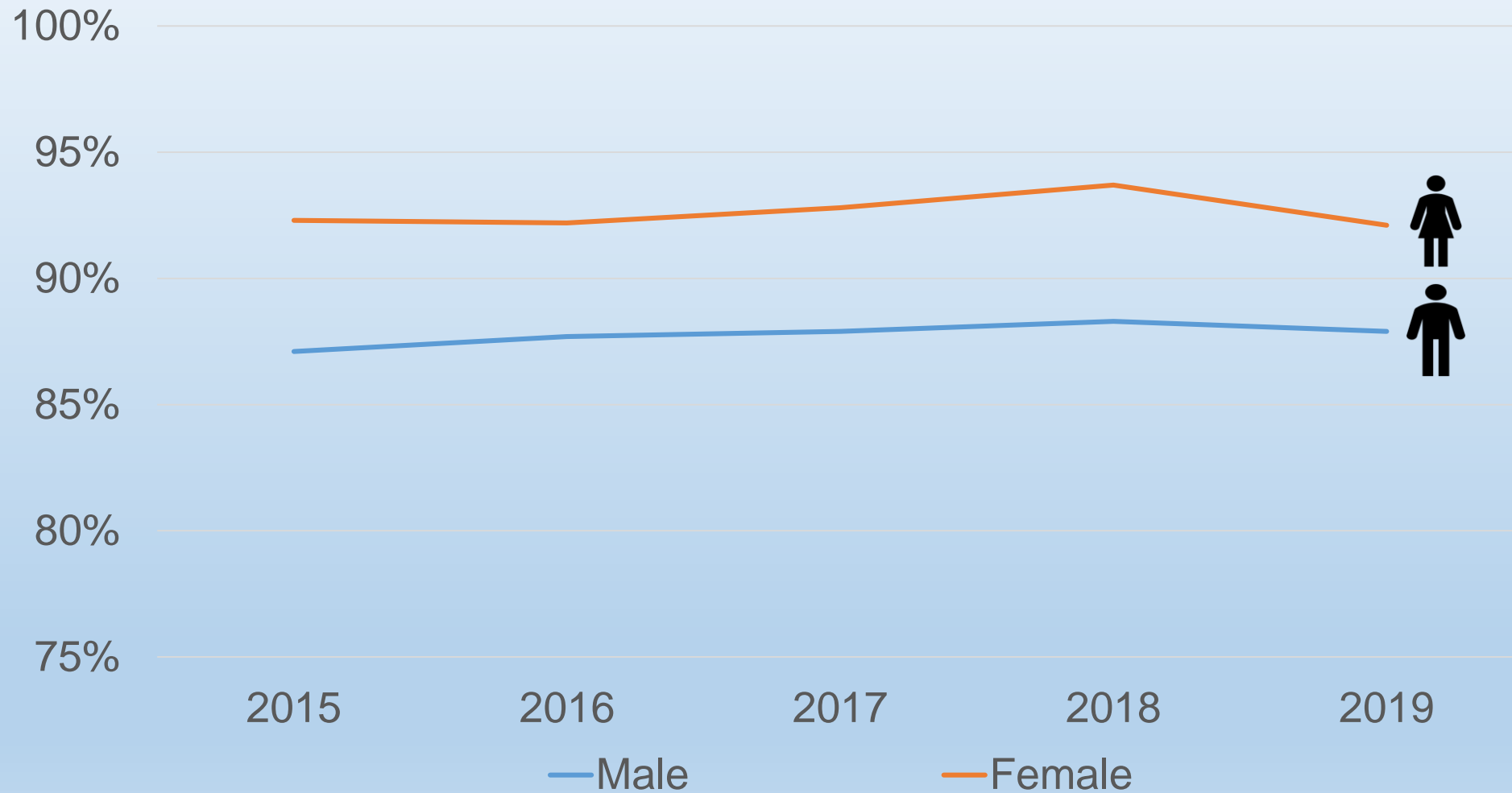
Trend for Vehicle Type



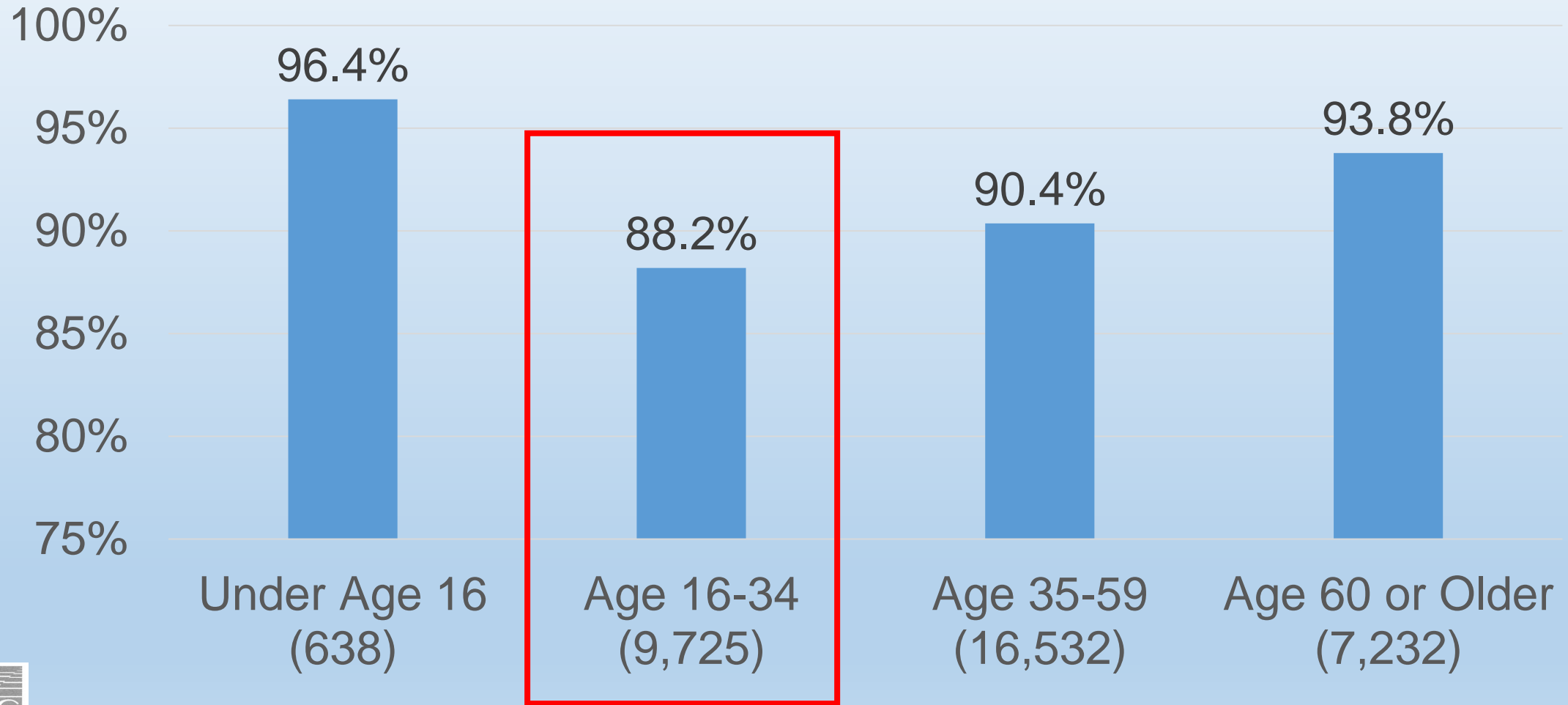
By Occupant Sex



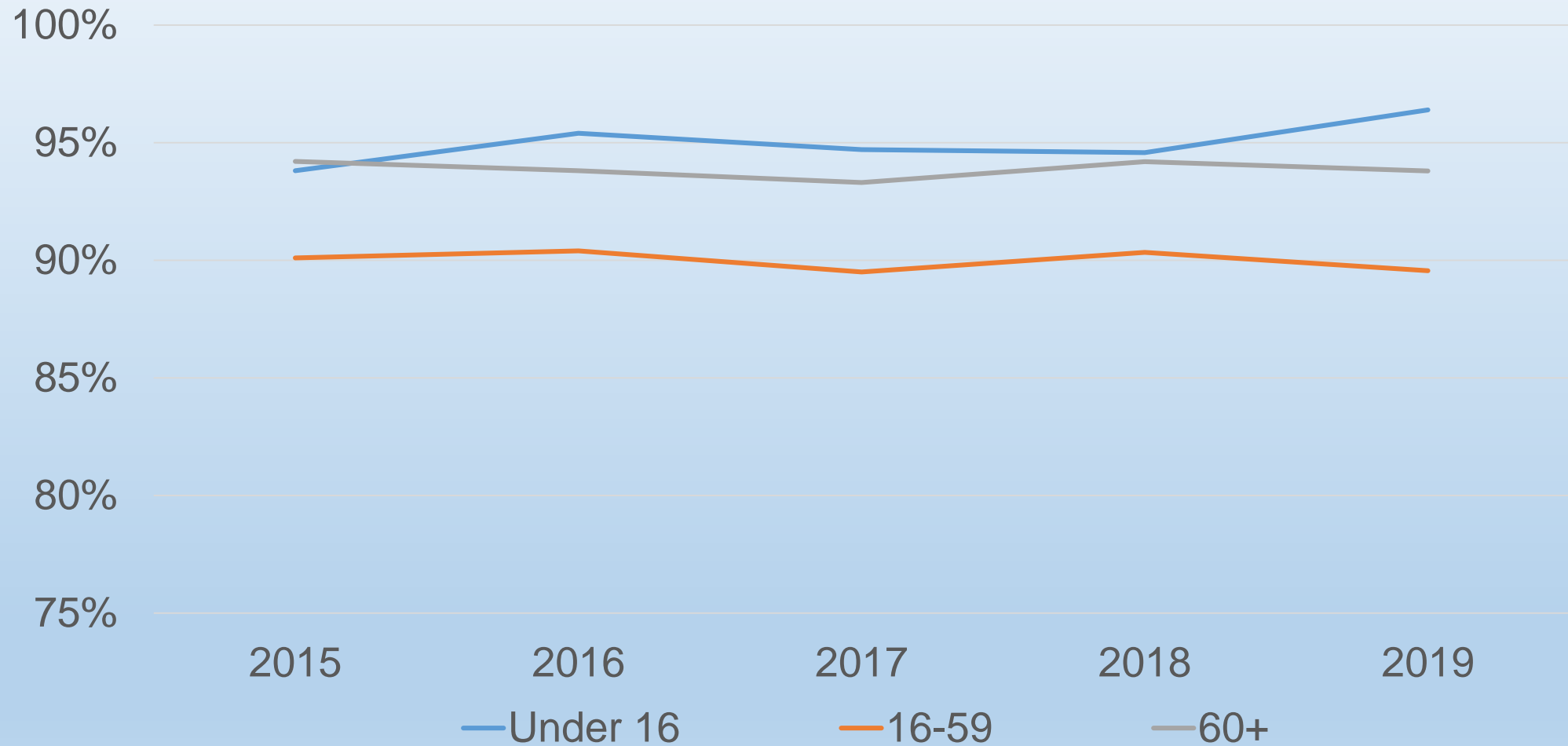
Trend for Sex of Occupant



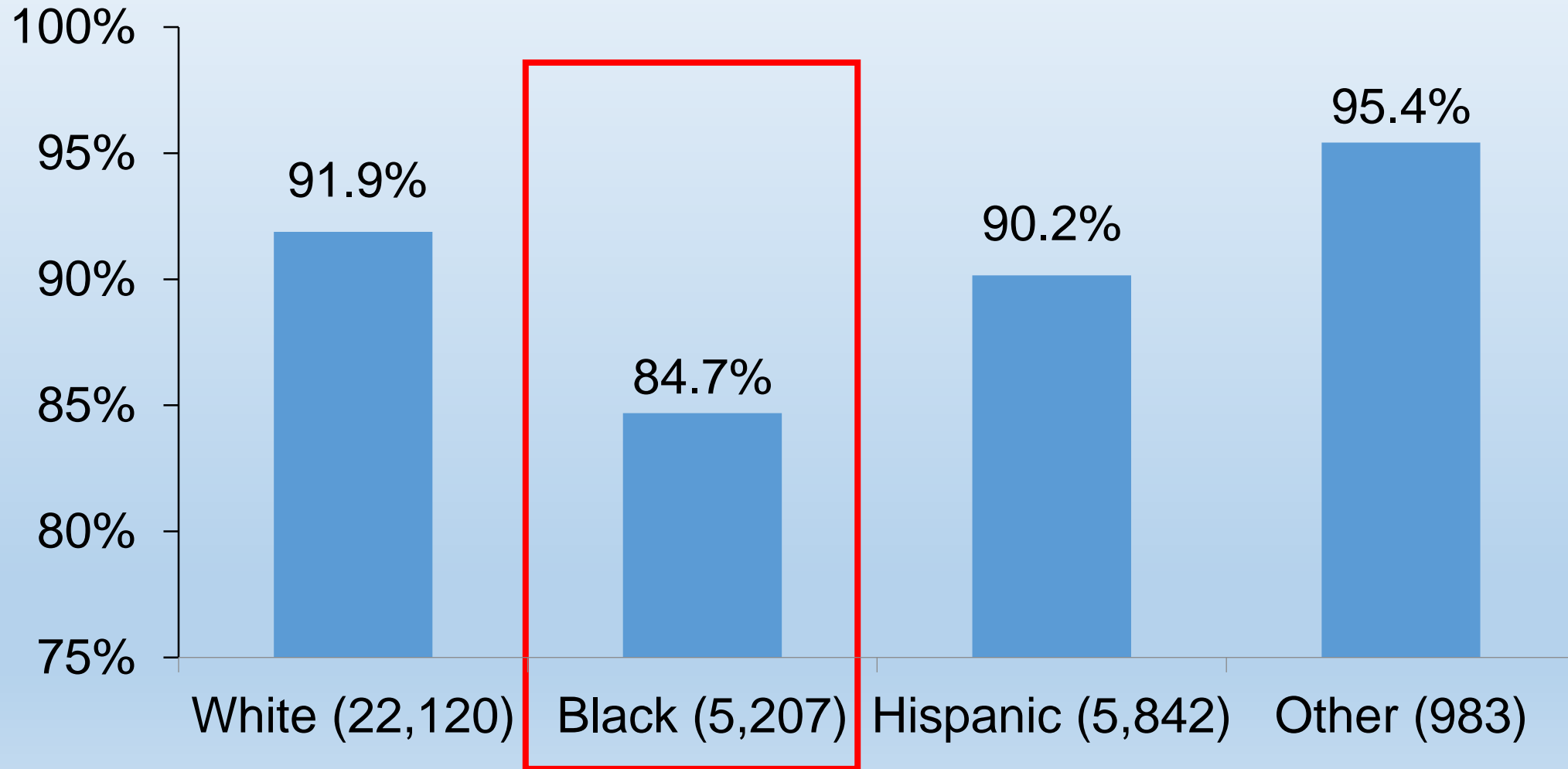
By Occupant Age



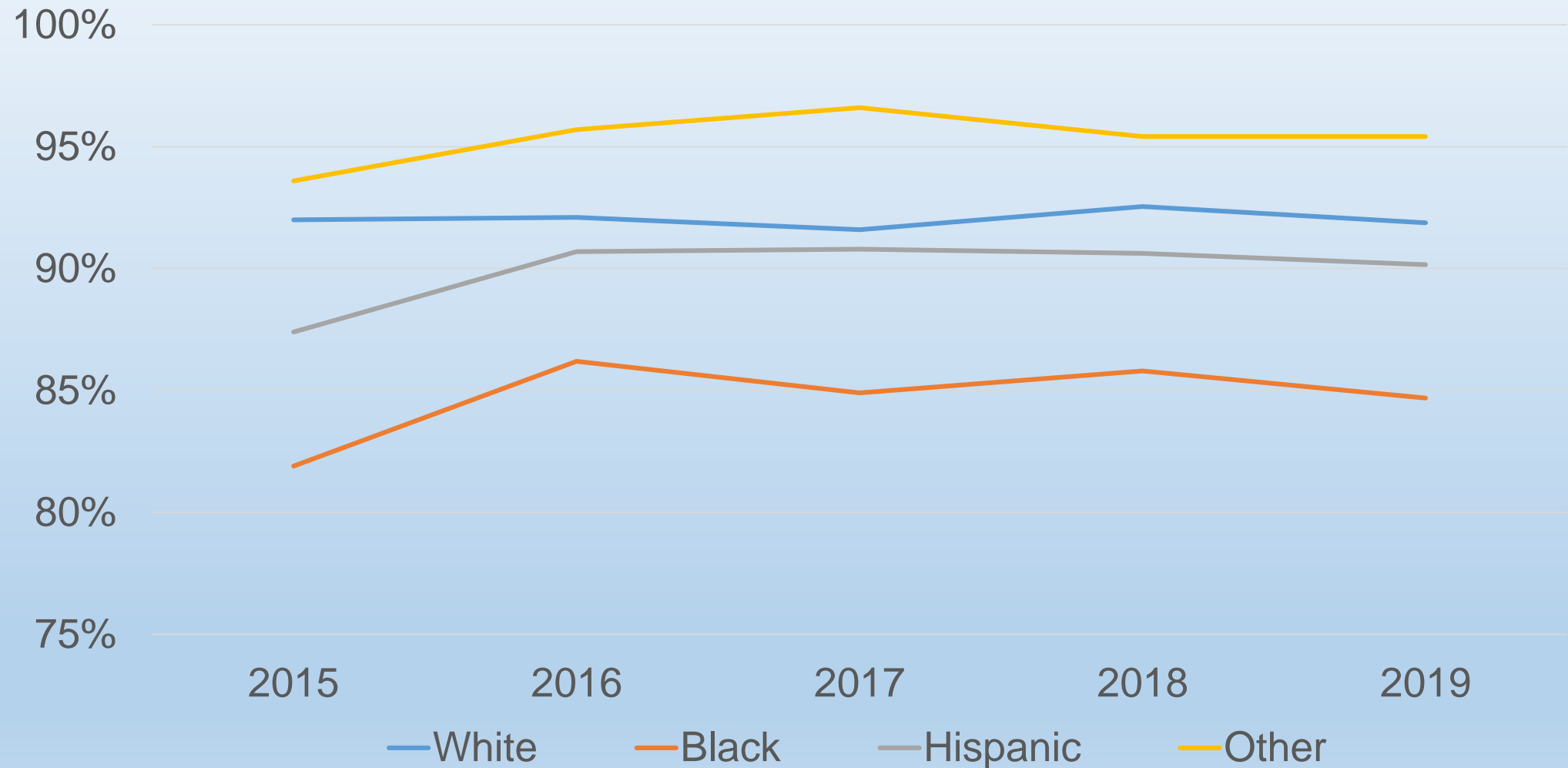
Trend for Occupant Age



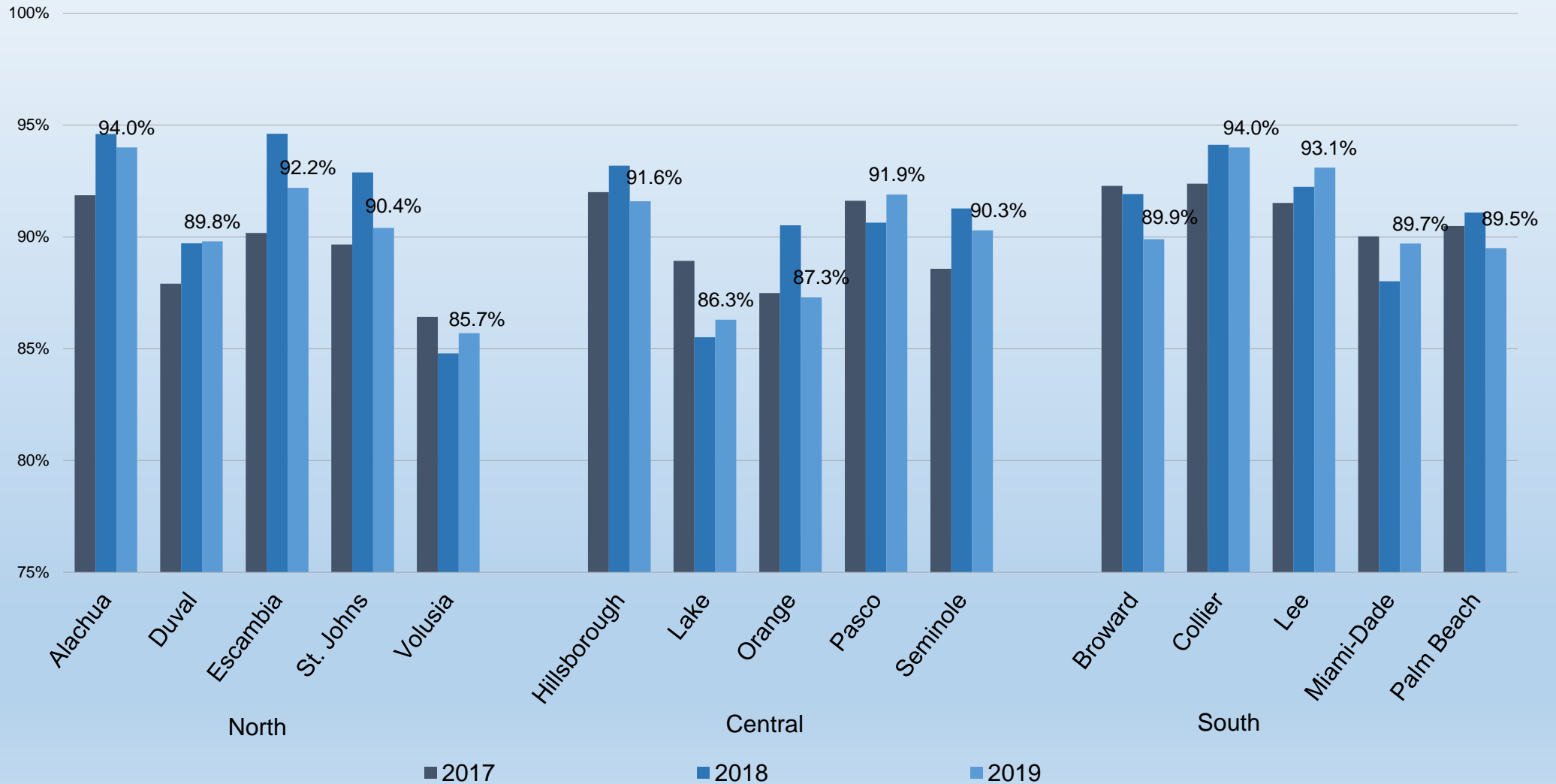
By Occupant Race/Ethnicity



Trend for Race/Ethnicity



County Usage – 3 Year Trend



Conclusions

- Florida's statewide safety belt use rate for 2019 is 89.8 percent.
- Down, but not statistically different from the 2018 rate of 90.6 percent
- Maintained upward trend over the last decade; 8.9 percentage points (80.9% to 89.8%)
- There is still room for improvement – in all the “usual” areas:
 - Local Roadways (represent largest decline year to year, followed by Collectors)
 - Occupants in pickup trucks (continued declining usage – 2 years in a row)
 - Male occupants, occupants ages 16-34, and Black occupants
- Look at additional sources (crash data, awareness data, trauma data, etc.)
- Use countermeasures that work to address low use groups

The End