



FLORIDA MPOAC GOVERNING BOARD MEETING

April 30, 2019

Orlando, FL

Commissioner Nick Maddox, Presiding



CALL TO ORDER & PLEDGE OF ALLEGIANCE





**APPROVAL OF MINUTES:
APRIL 30, 2019 MEETING**





PUBLIC COMMENTS (NON-AGENDA ITEMS)





EXECUTIVE DIRECTOR'S REPORT

A. UPWP Report

B. MPOAC Weekend Institute Overview



UPWP Report

- Accomplishments are in the packet
 - Presented to FLC twice
 - Continued coordination with NARC and AMPO
 - Consolidated Planning Grant
 - Tampa MPOAC Weekend Institute
- Finished Fiscal Year under budget!





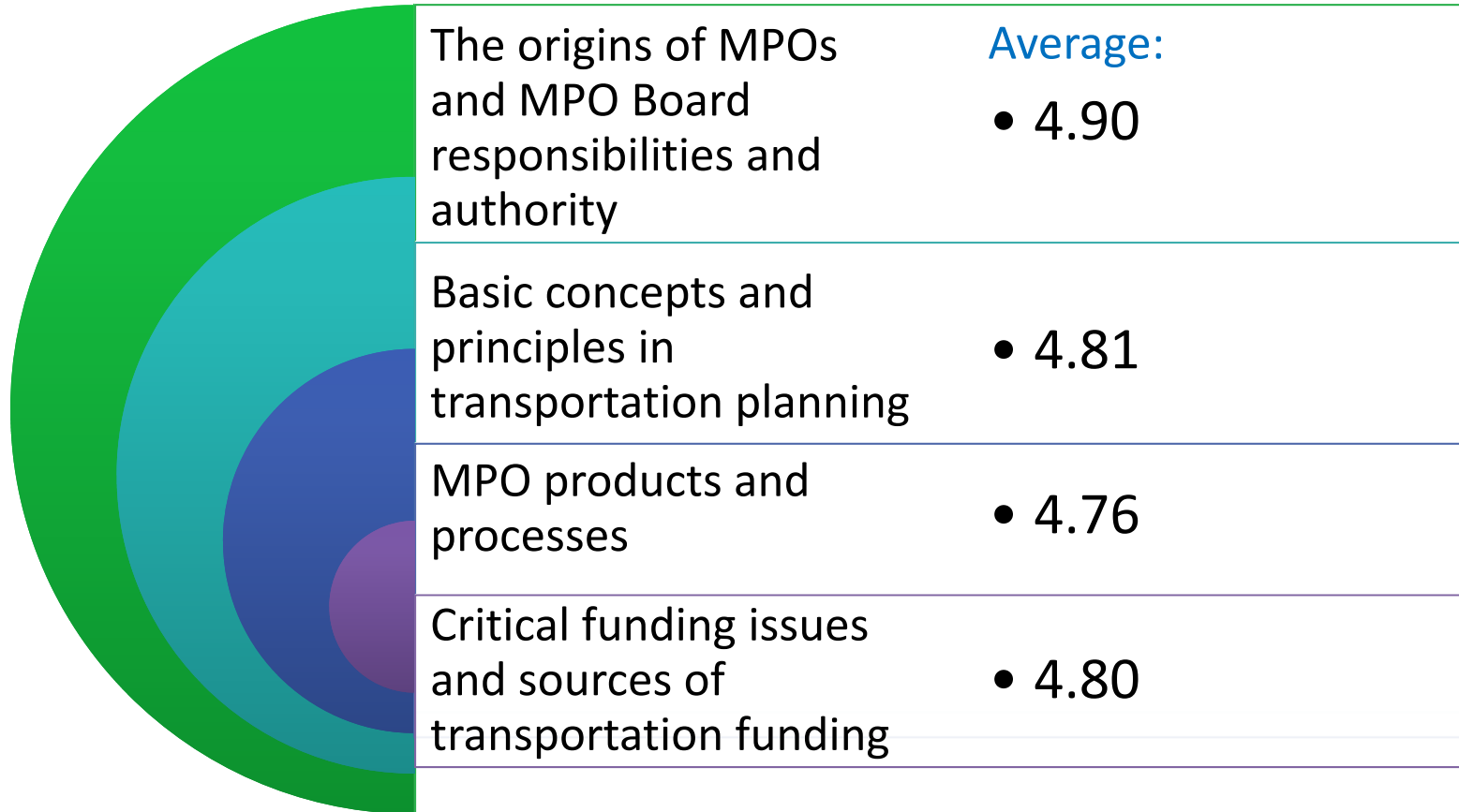
MPOAC Weekend Institute Overview

- Record Attendance this year!
 - 40 Graduates!
- Continues to score very well by participants
 - 4.82/5.00 score for 2019 sessions!
- The team continues to perform exceptionally



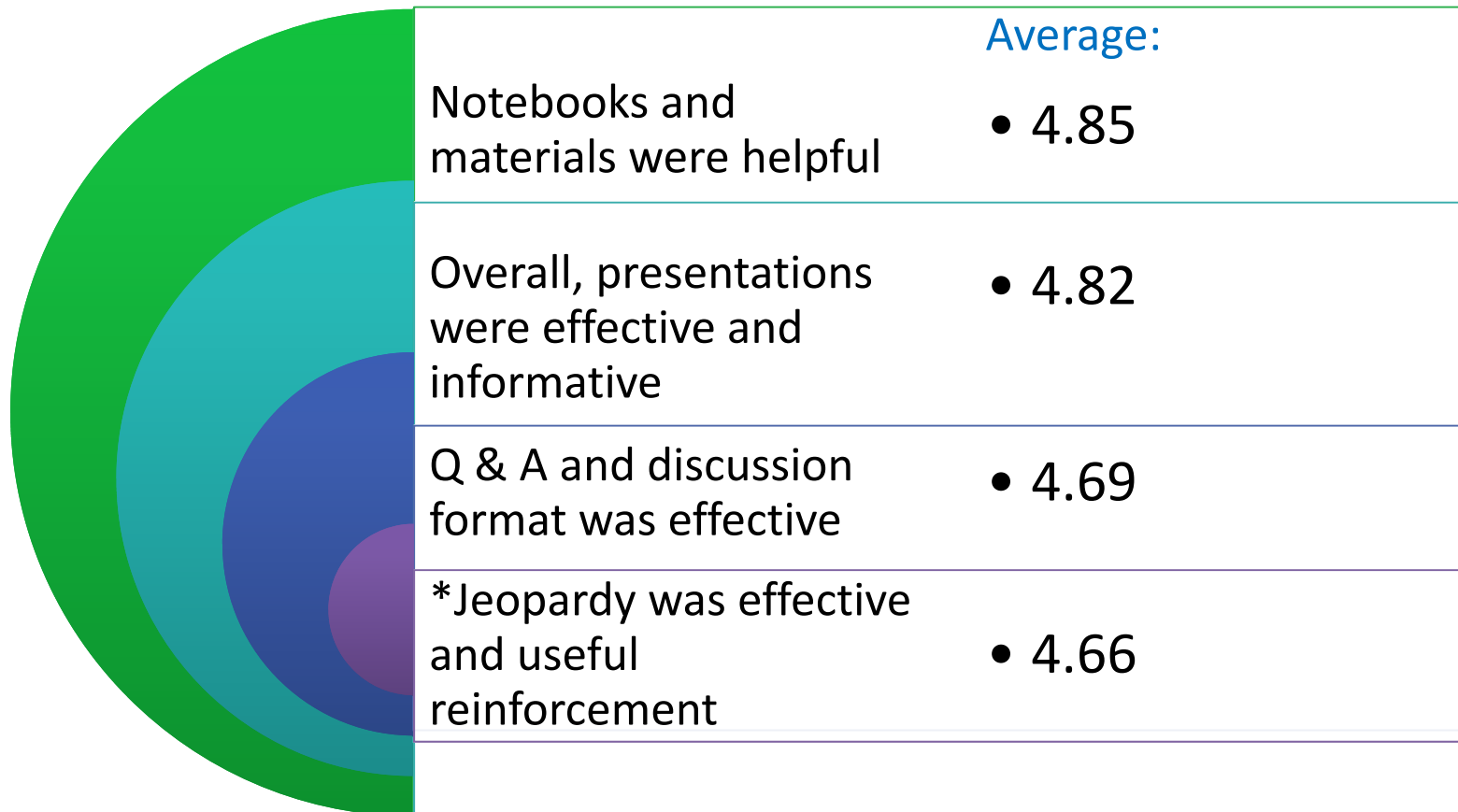
MPOAC Weekend Institute Evaluation Results from 2007 to 2019

Did the Institute effectively inform you on the following topics?



MPOAC Weekend Institute Evaluation Results from 2007 to 2019

Was the Institute format effective?



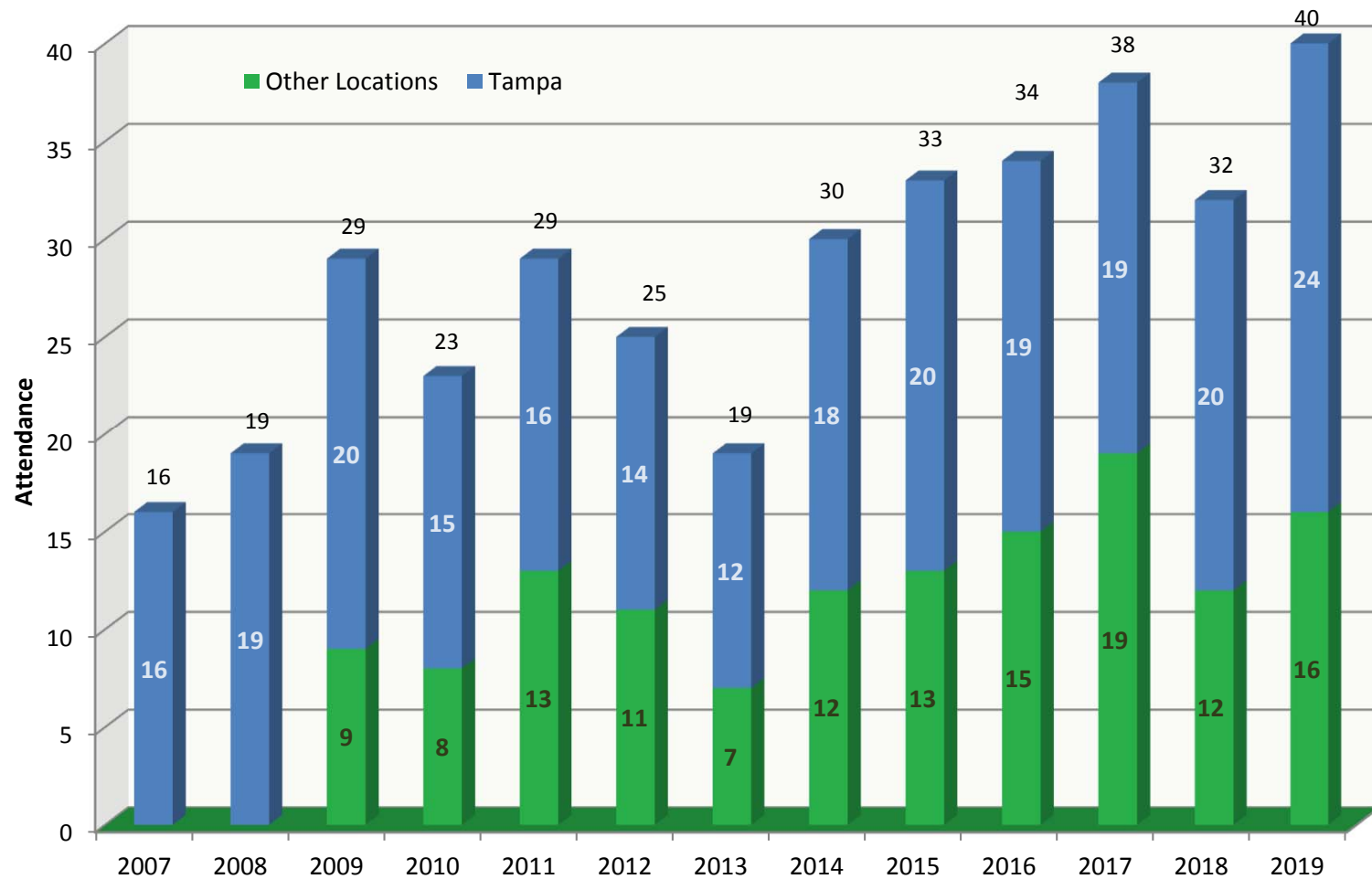
*Question changed May 2019:

“Fast & Furious: MPO Edition was effective and useful reinforcement”

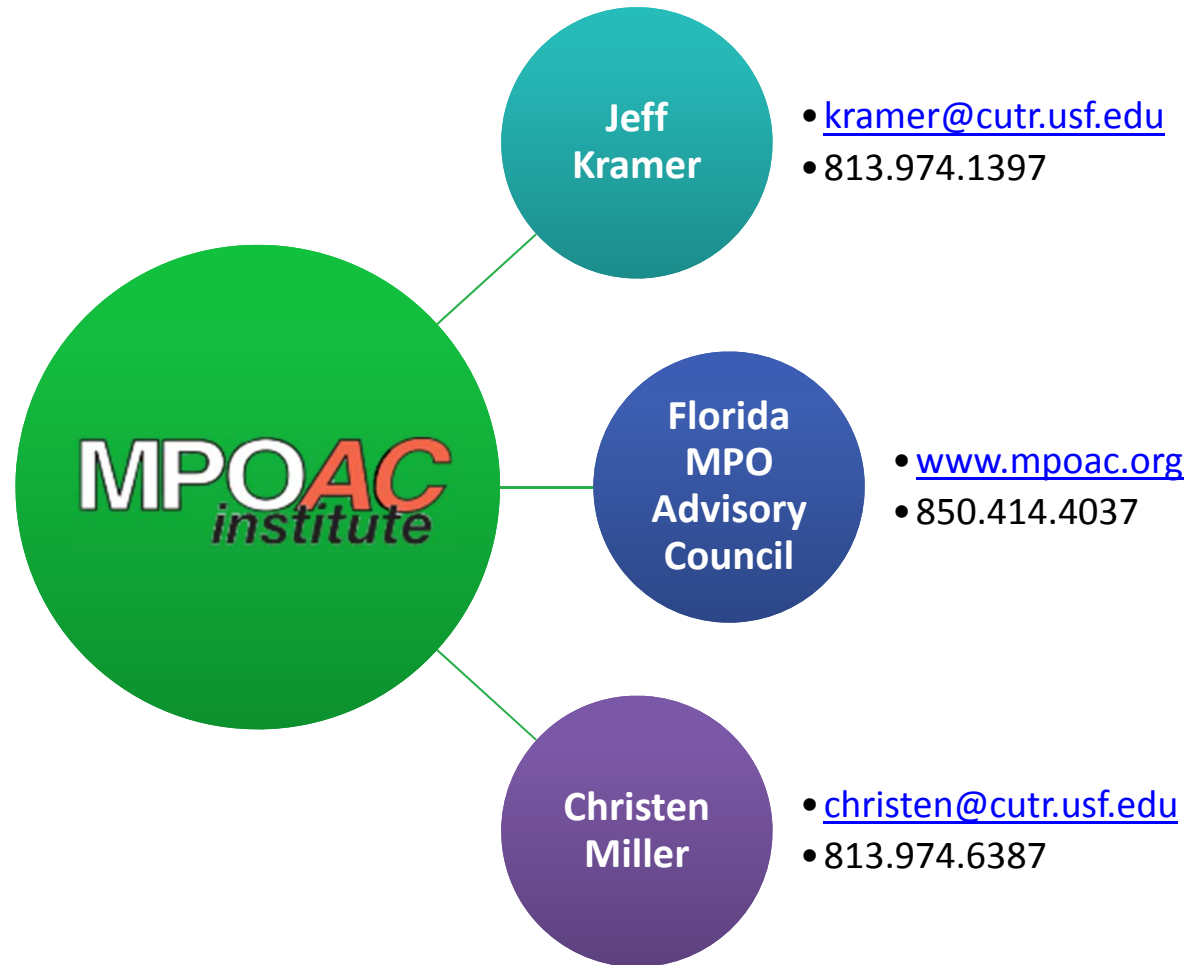


MPOAC Institute Attendance based on Location

MPOAC Institute Attendance



Contact Information



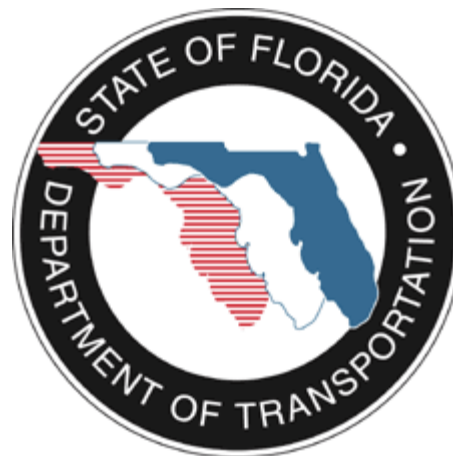


AGENCY REPORTS

- A. Florida Department of Transportation**
- B. Federal Highway Administration**



Florida Department of Transportation



Federal Highway Administration





MPOAC STAFF DIRECTORS' BUSINESS ITEMS & PRESENTATIONS



State Legislative Policy Positions

- Reviewed at the MPOAC Policy and Technical Committee Mtg
- Recommendations are in your packet
 - Will review on screen



Federal Policy Positions

- Reviewed at MPOAC Policy & Technical Committee Mtg.
- Was asked to review AMPO positions
- Also reviewed NARC positions

AMPO Policy Positions

- Continue to fully fund FAST Act programs
- ★ Address solvency of HTF, Grow programs with sustainable dedicated funding source
- Maintain structure of current funding formula program
- Give priority to projects in LRTPs for funding programs – TIGER/BUILD

AMPO Policy Positions – Con't

- ★ Transit funds for operations
- ★ Direct allocation of STBGP funds to MPOs
- ★ Dedicated revenue for freight
- ★ One date for Transportation Performance Measures

NARC Policy Positions

- Maintain planning and programming
- ★ Strengthen the local role in transportation
- ★ Increase funding, index fuel taxes
- ★ Encourage innovative financing options
- ★ Support goods movement – dedicated funds
- ★ Support non-auto modes of transportation
- Increase PL funding
- ★ Maintain MPO autonomy



Florida DOT Statewide Survey Results and Community of Practice





F T O

FORECASTING & TRENDS OFFICE



Establishing a Community of Practice for Survey Tools

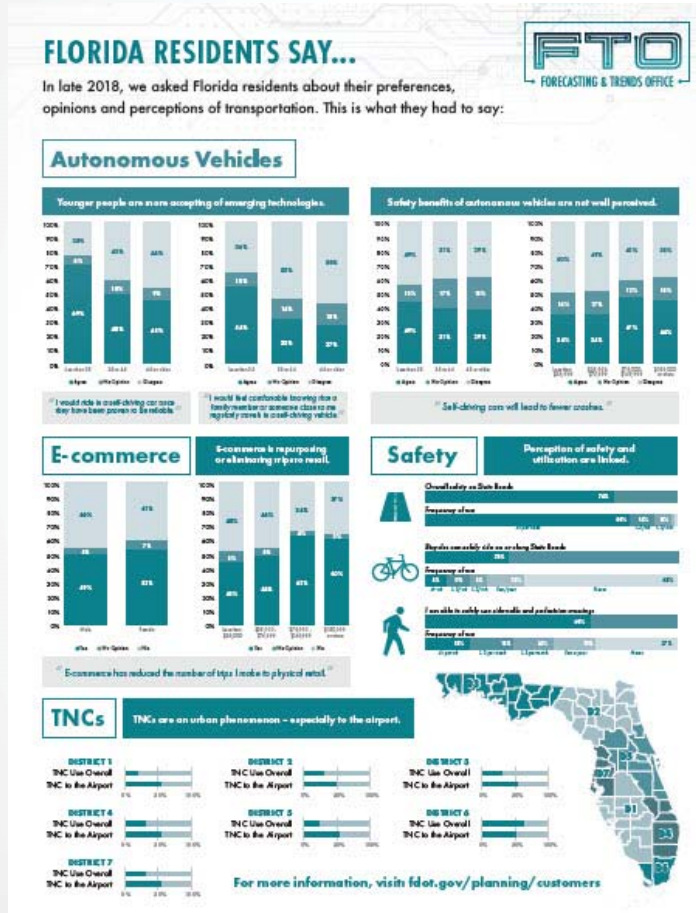
**MPOAC Meeting
July 30, 2019
Orlando, FL**

Today's Discussion

- FDOT Resident Survey (2018)
- Collaborative Opportunities



Methodology



- Internet Panel
- Full-time and Part-time residents of Florida (97%, 3%)
- Respondents Shown Examples of Area State Roads
- 3,144 responses; 400+ per district

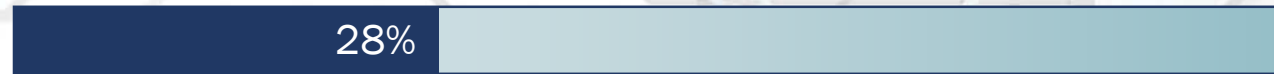
Overall safety on State Roads



Frequency of use



Bicycles can safely ride on or along State Roads.



Frequency of use



I am able to safely use sidewalks and pedestrian crossings.



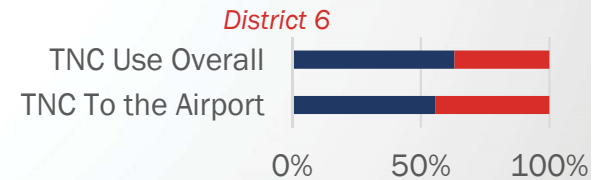
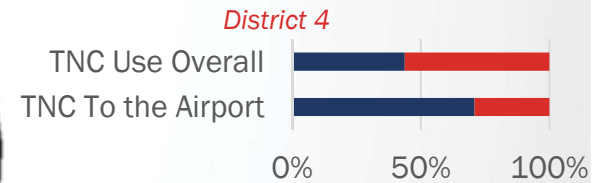
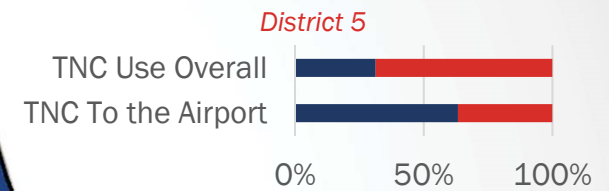
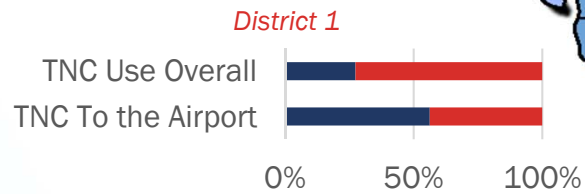
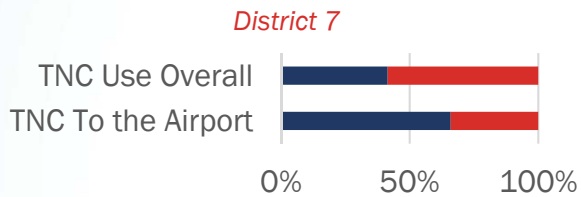
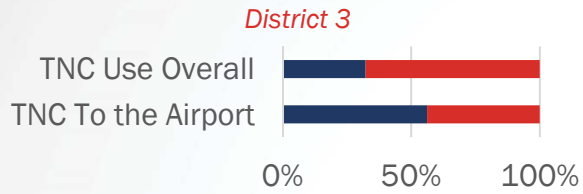
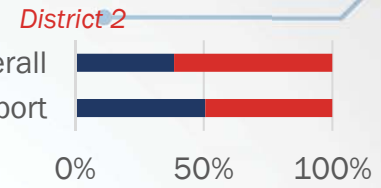
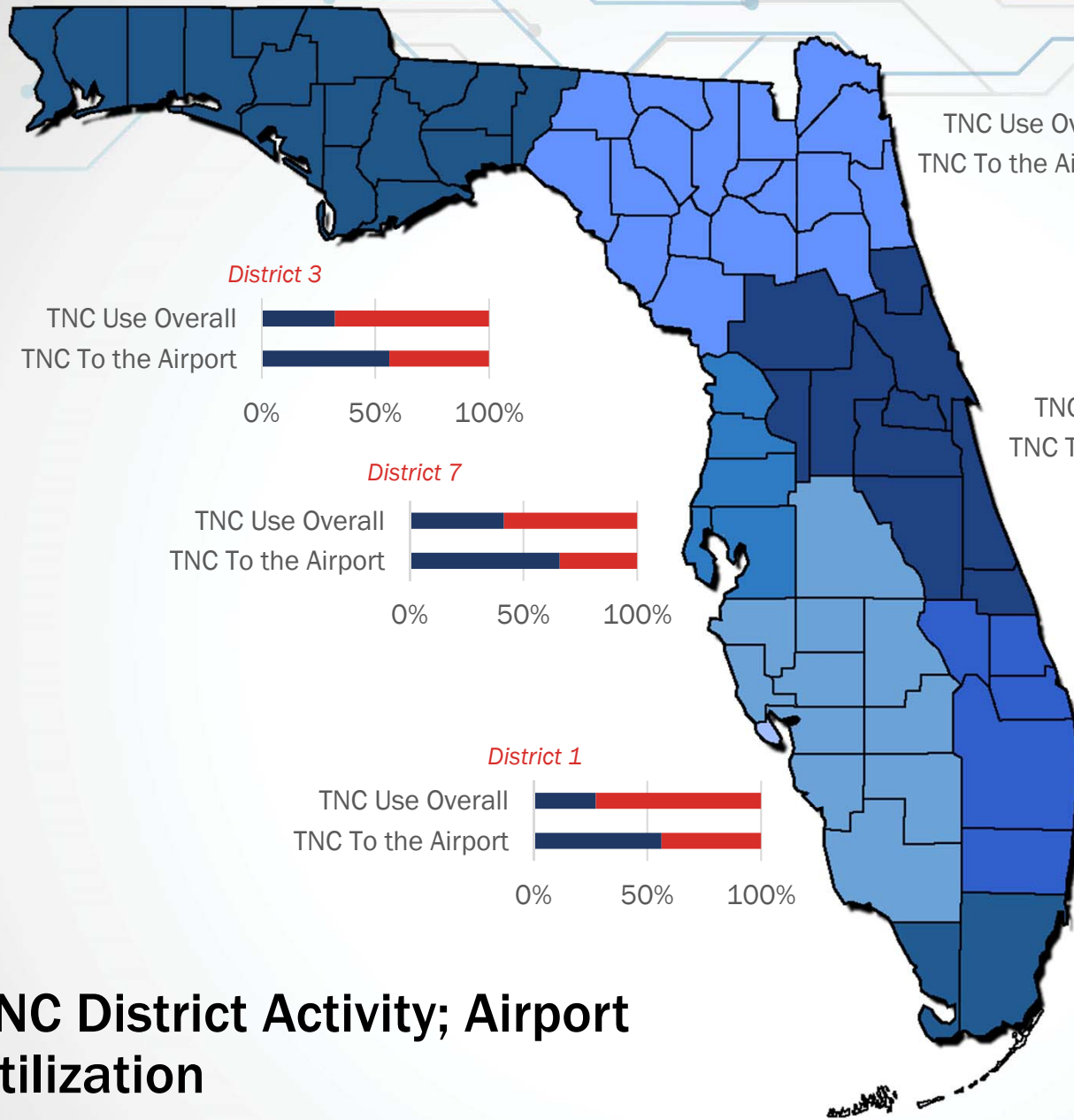
Frequency of use



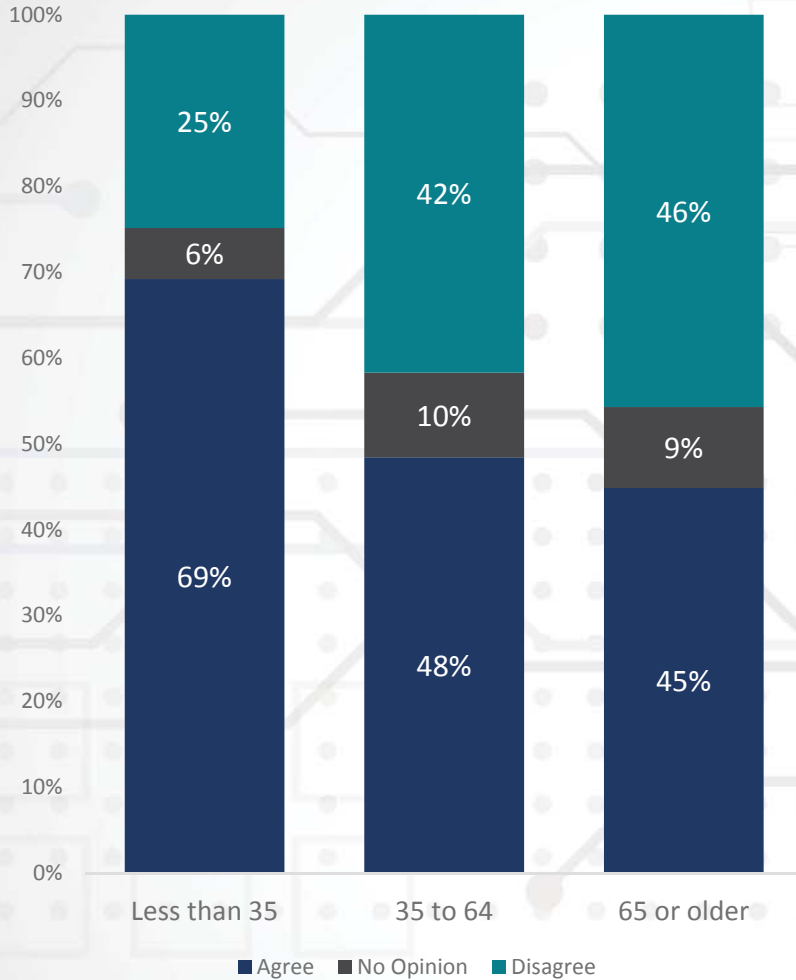
Utilization & Perception of Safety is Proportional



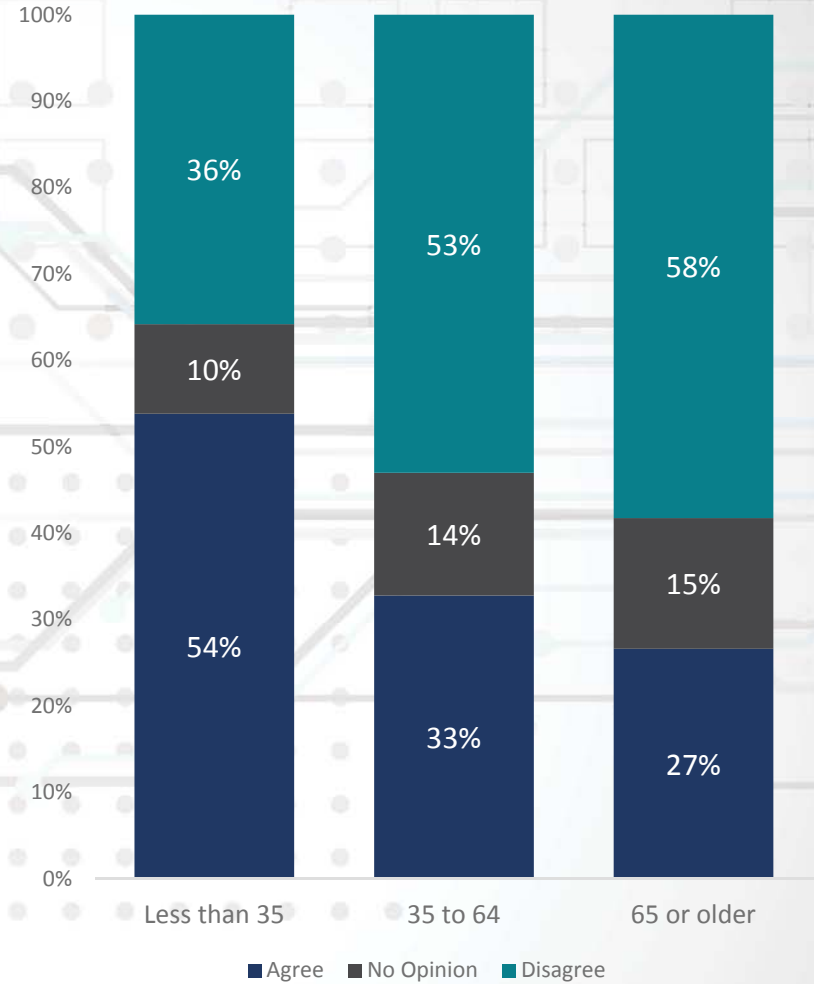
TNC District Activity; Airport Utilization



I would ride in a self-driving car once they have been proven to be reliable.

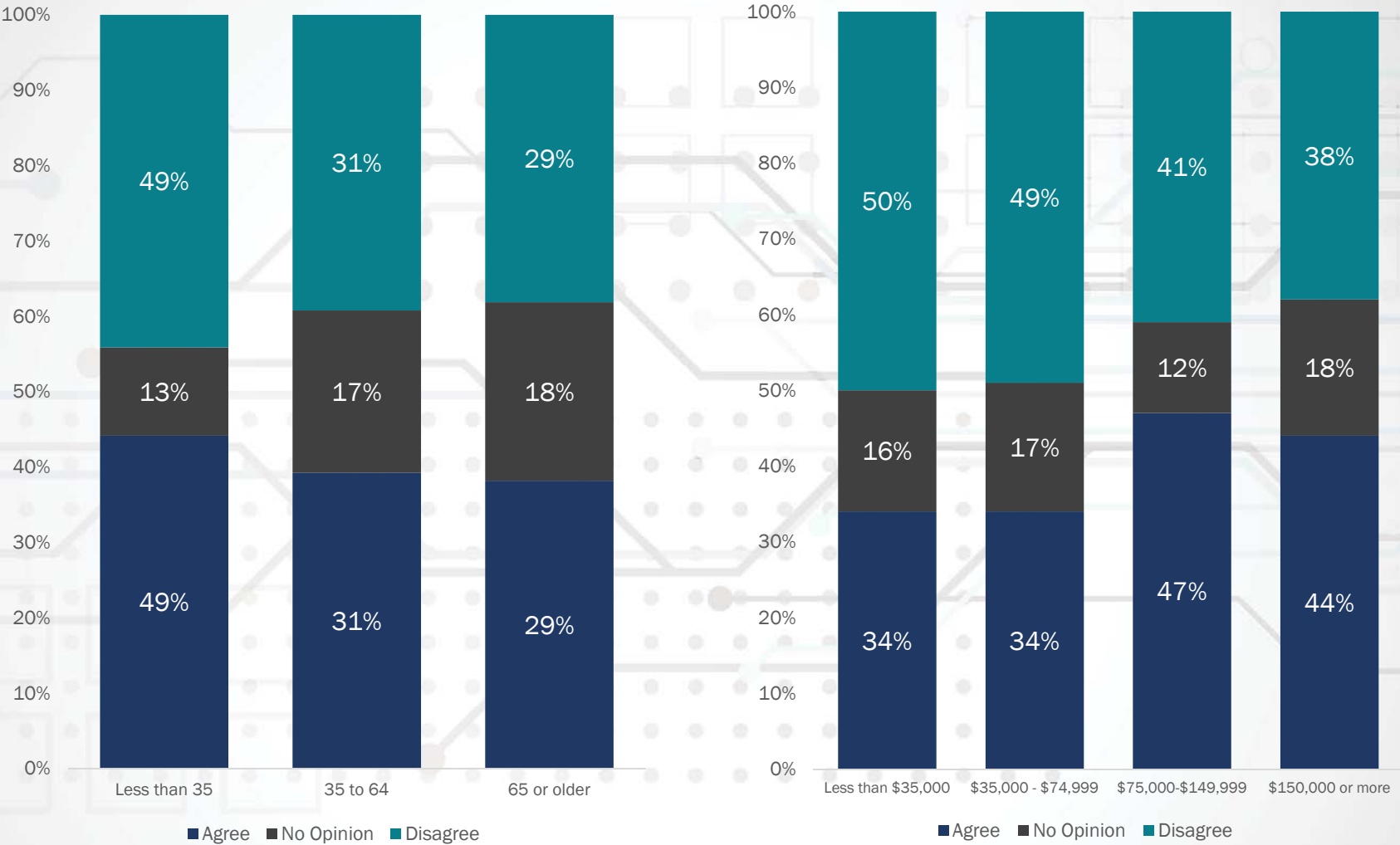


I would feel comfortable knowing that a family member or someone close to me regularly travels in a self-driving vehicle.



Generational Attitudes Differ on CAV

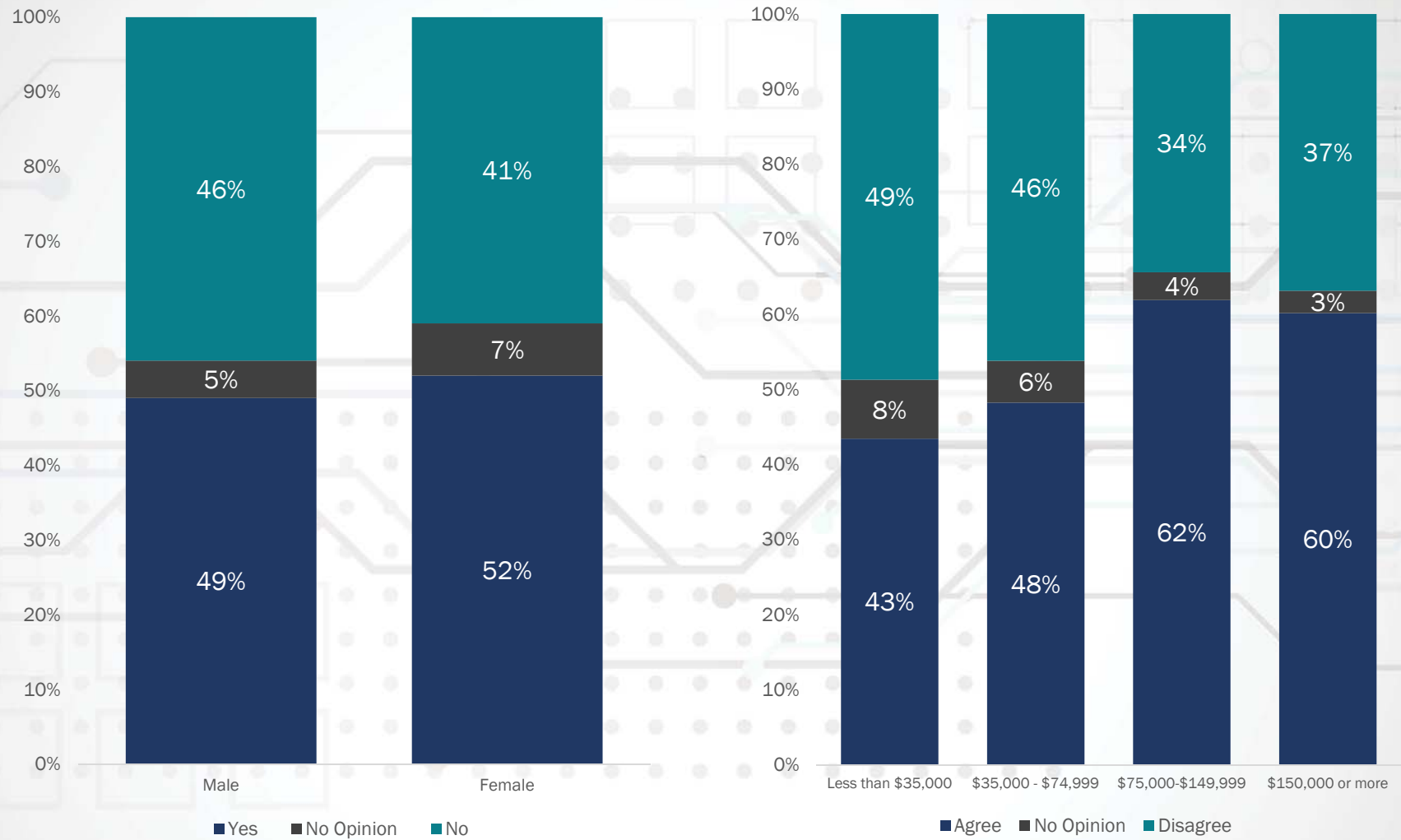
Self-driving cars will lead to fewer crashes.



General Public Not Sold on Safety Benefits of CAV



E-Commerce has reduced the number of trips I make to physical retail.



E-Commerce *Perceived* at Reducing Trips



Utility of Surveys

- Measuring Customer Sentiment
- Measuring Public Information Initiatives
- Public Comment Tool
- Important for Collecting Data on ACES

The rate of technology change is increasing rapidly, and customer attitudes and preferences are changing as a response.

Surveys help ensure trends are not missed and the planning community is left flatfooted responding to a major unanticipated change.



Stakeholder Interviews

- Goals
 - How can FTO Support Customers?
 - Define Customer Needs
- FDOT Interviews
 - FDOT Districts
 - MPOs/TPOs
 - Peer DOTs

Common Themes

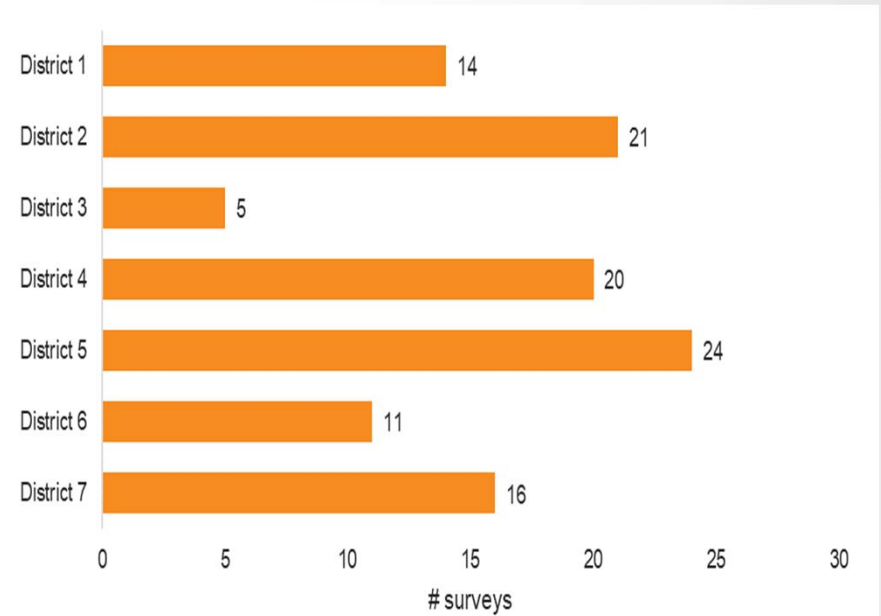
- *Most common data/information needs:*
 - ACES
 - Resident transportation priorities
- *Survey results that could benefit the State are not being shared frequently between various groups and FDOT/MPOs*



Surveys Widely Used in Florida

Over 100 Surveys found on District and MPO/TPO websites

- LRTP surveys
- Household travel surveys
- Public opinion and attitudinal surveys
- Transit surveys
- Bike/Ped surveys



Enhancing FTO Survey Program

Statewide Survey Focus

- Acquire Priority Information Districts & MPOs Need
- Scenario Planning for Uncertainties around new technologies

Community of Practice

- Identify Champions
- Collaborate on Surveys
- Share Data
- Build Survey-related Best Practices Guidance

In Conclusion...

- FTO is Surveying Emerging Trends on Statewide Level
- Survey Tools Widely Used By Fla. Transportation Agencies
- Different Surveys Serve Different Goals, Guidance Useful
- ACES Bolsters Value of Surveys
- FTO Augmenting to Become More Customer Driven
- Community of Practice Would Add Value to Survey Efforts
- Champions Needed

QUESTIONS?

FRANK COLLINS III

Forecasting & Trends Office

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AV/EV Impacts to Transportation Revenue: *The Fuel Tax*

presented to

**MPOAC Staff
Directors/
Governing Board
Meetings**

presented by

Mark Reichert, FDOT

**Office of Policy Planning,
Administrator for
Metropolitan Planning**



Office of Policy Planning

July 30, 2019

TODAY'S OBJECTIVE

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Overview of transportation funding in Florida

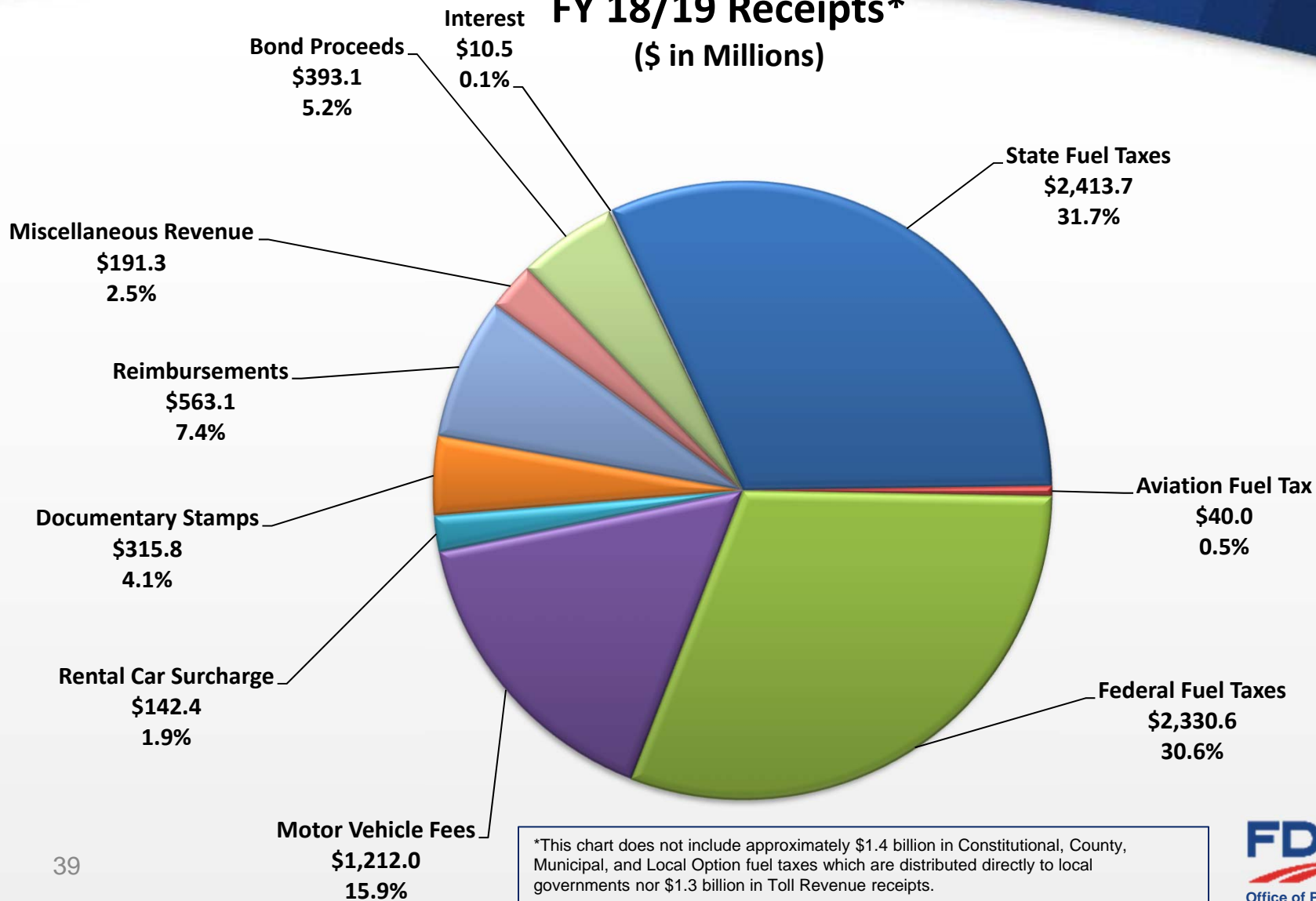
Future Funding Trends

Help get the message out

State Transportation Trust Fund Receipts by Category



FY 18/19 Receipts*
(\$ in Millions)



*This chart does not include approximately \$1.4 billion in Constitutional, County, Municipal, and Local Option fuel taxes which are distributed directly to local governments nor \$1.3 billion in Toll Revenue receipts.

CALENDAR YEAR 2019 FUEL TAX RATES (cents per gallon)

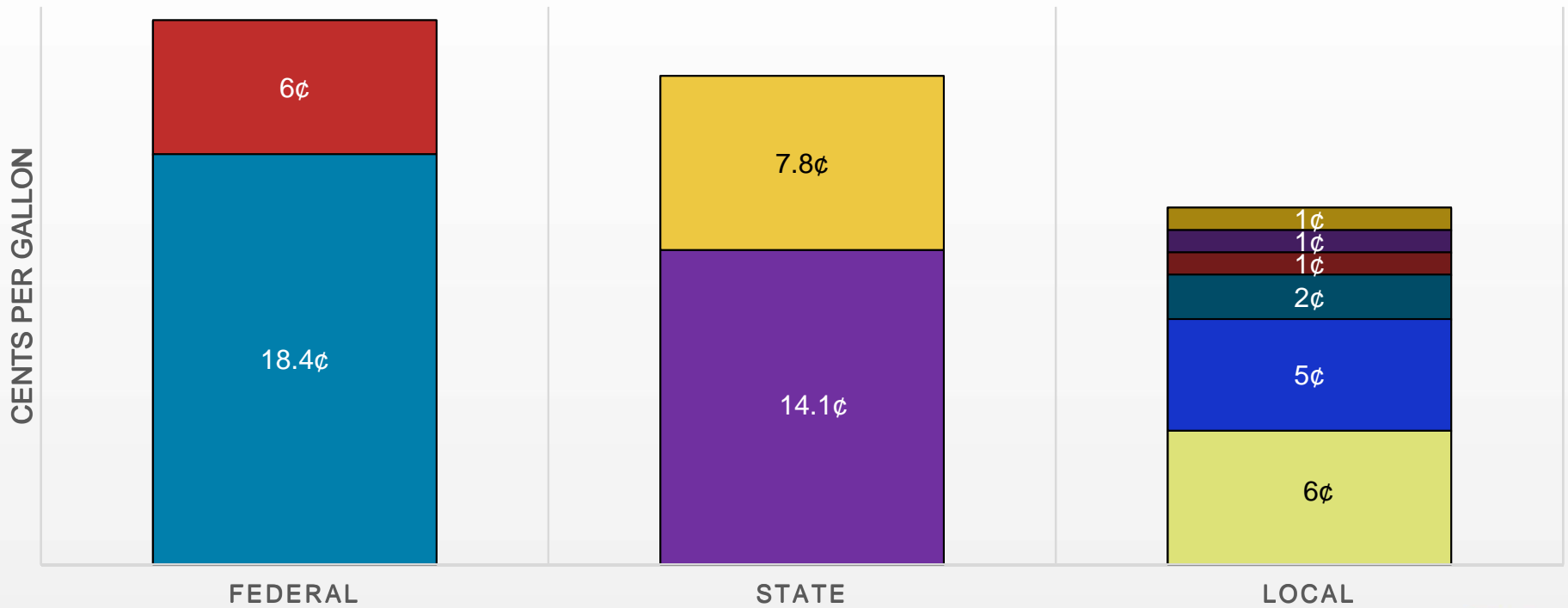


2019 FUEL TAX RATES

- Federal Gas 18.4 cents/Gal.
- Federal Diesel Added 6 cents/Gal.

- States Sales 14.1 cents/Gal.
- SCETS 7.8 cents/Gal.

- Local Option 1-6 cents/Gal.
- Local Option 1-5 cents/Gal.
- Constitutional 2 cents/Gal.
- Ninth-cent 1 cent/Gal.
- County 1 cent/Gal.
- Municipal 1 cent/Gal.



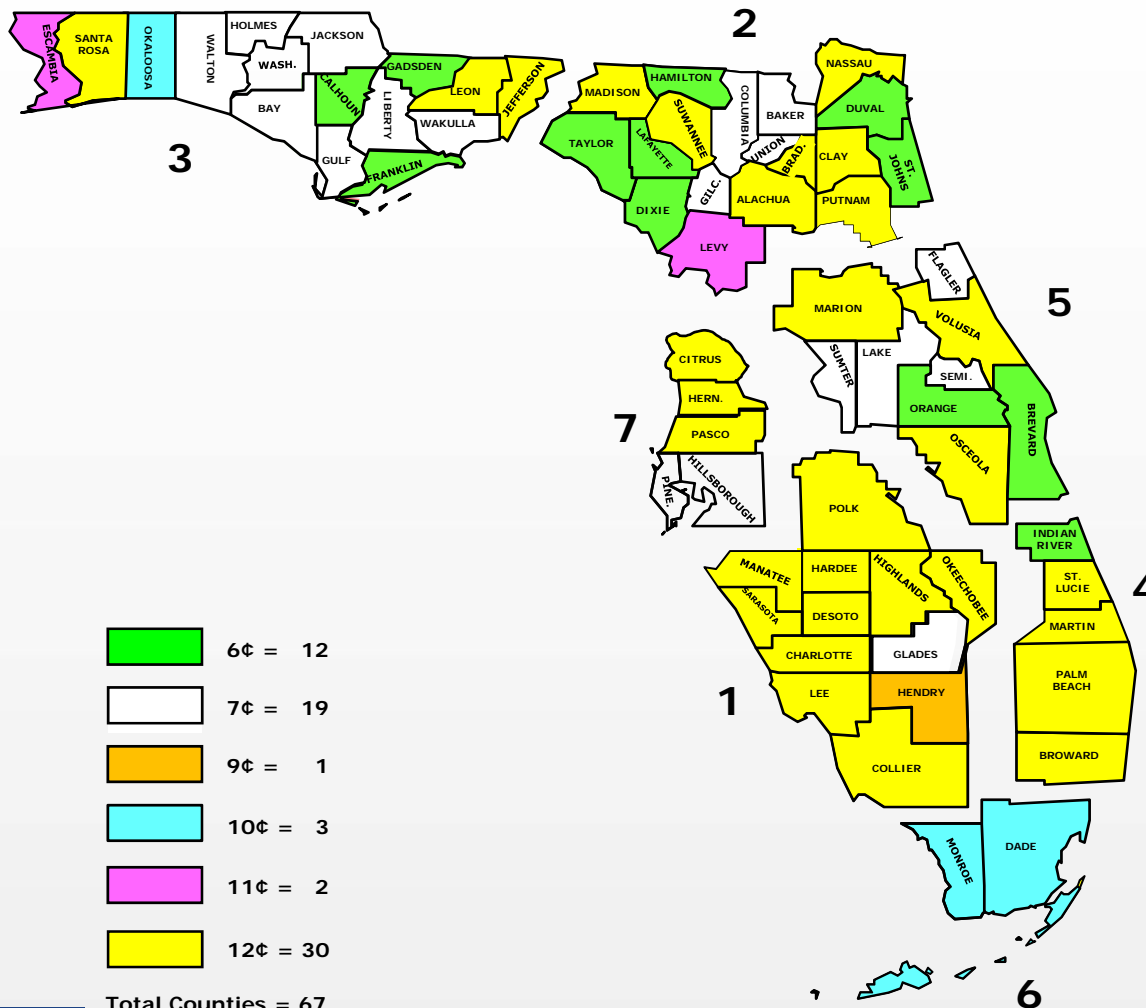
Locally Imposed Fuel Taxes

Fuel Tax Rates as of January 1, 2019



Locally Imposed Motor Fuel Taxes

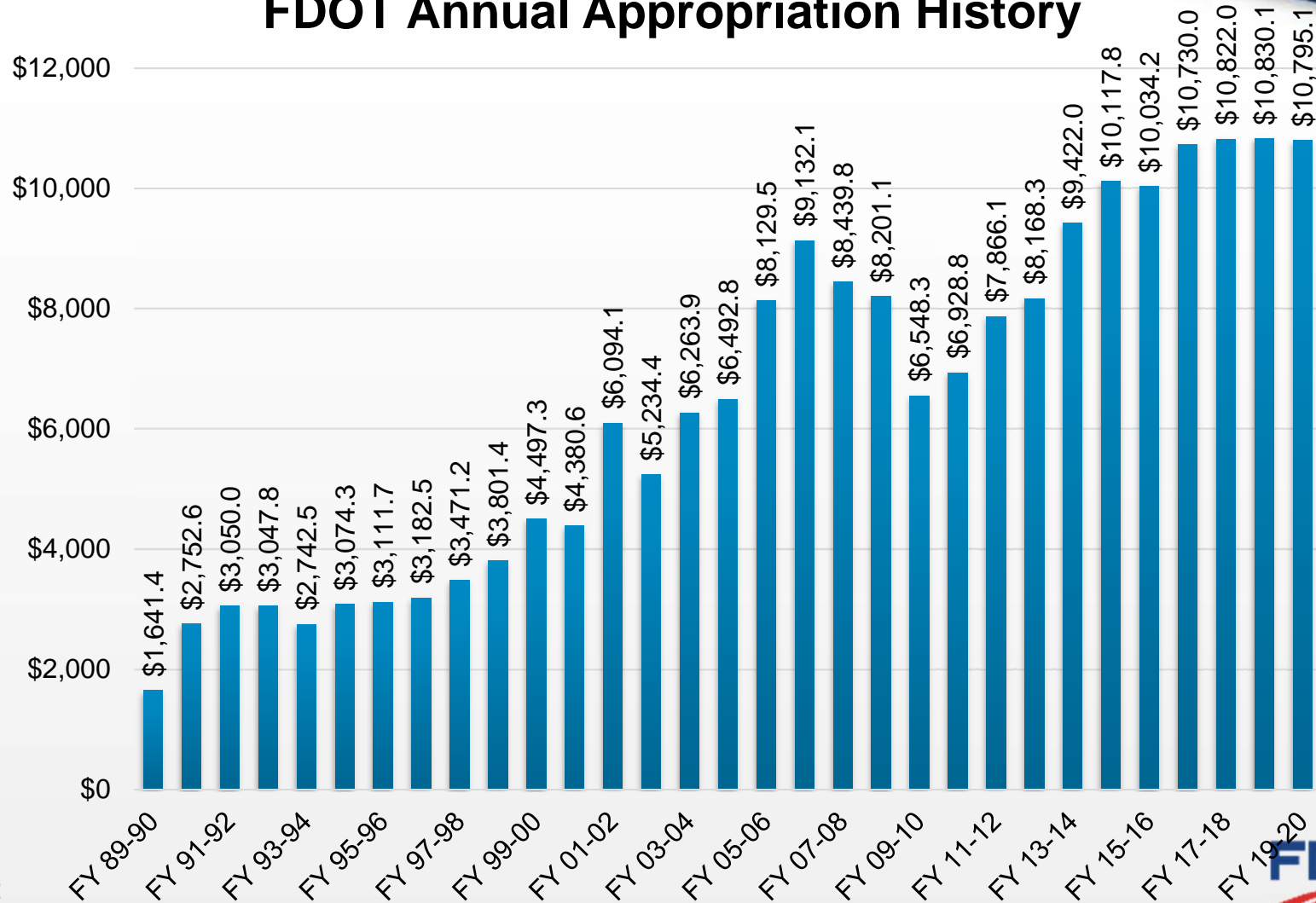
Tax Rates (¢/gal) as of January 1, 2019



FDOT Annual Appropriation History

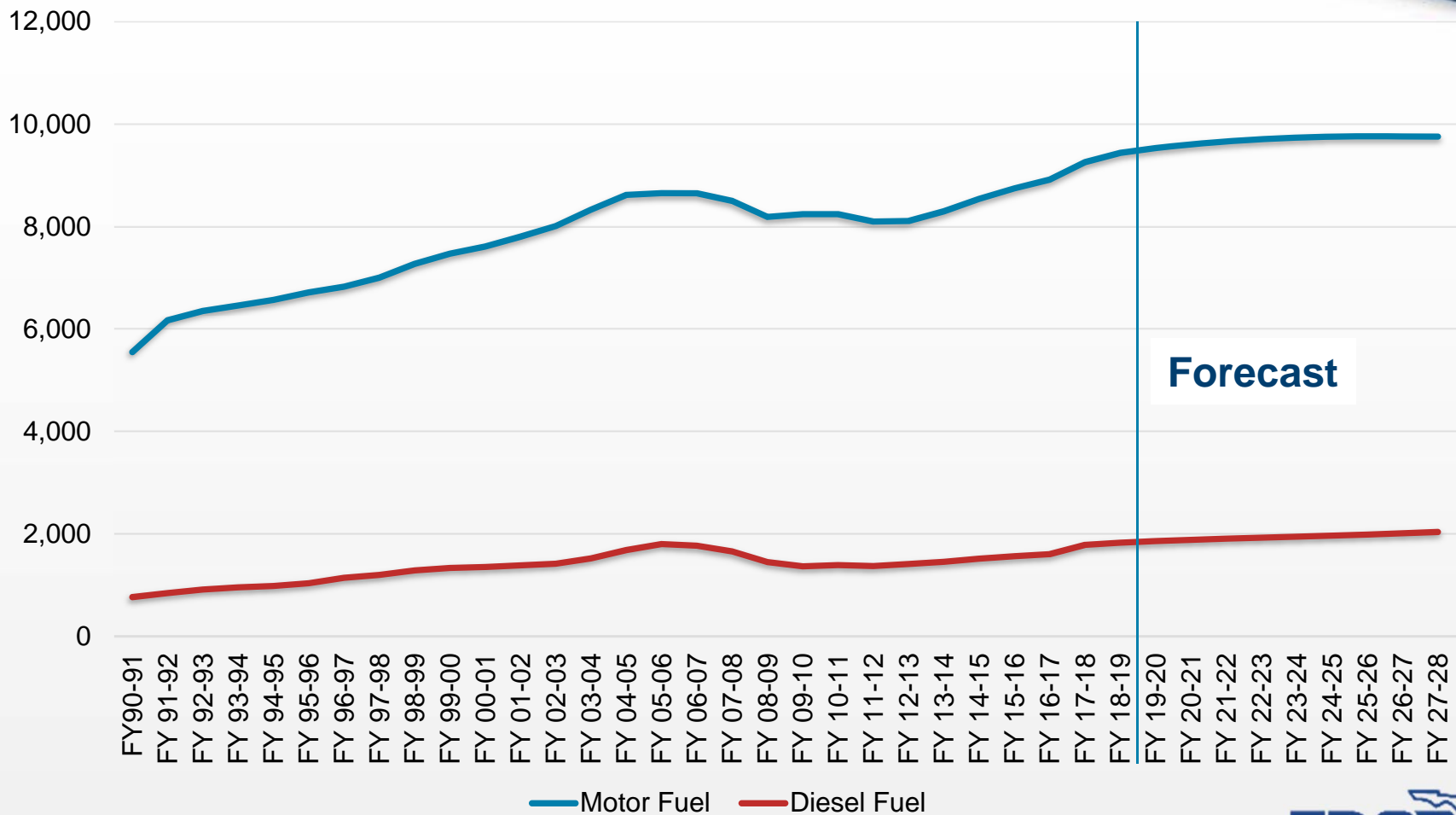


FDOT Annual Appropriation History



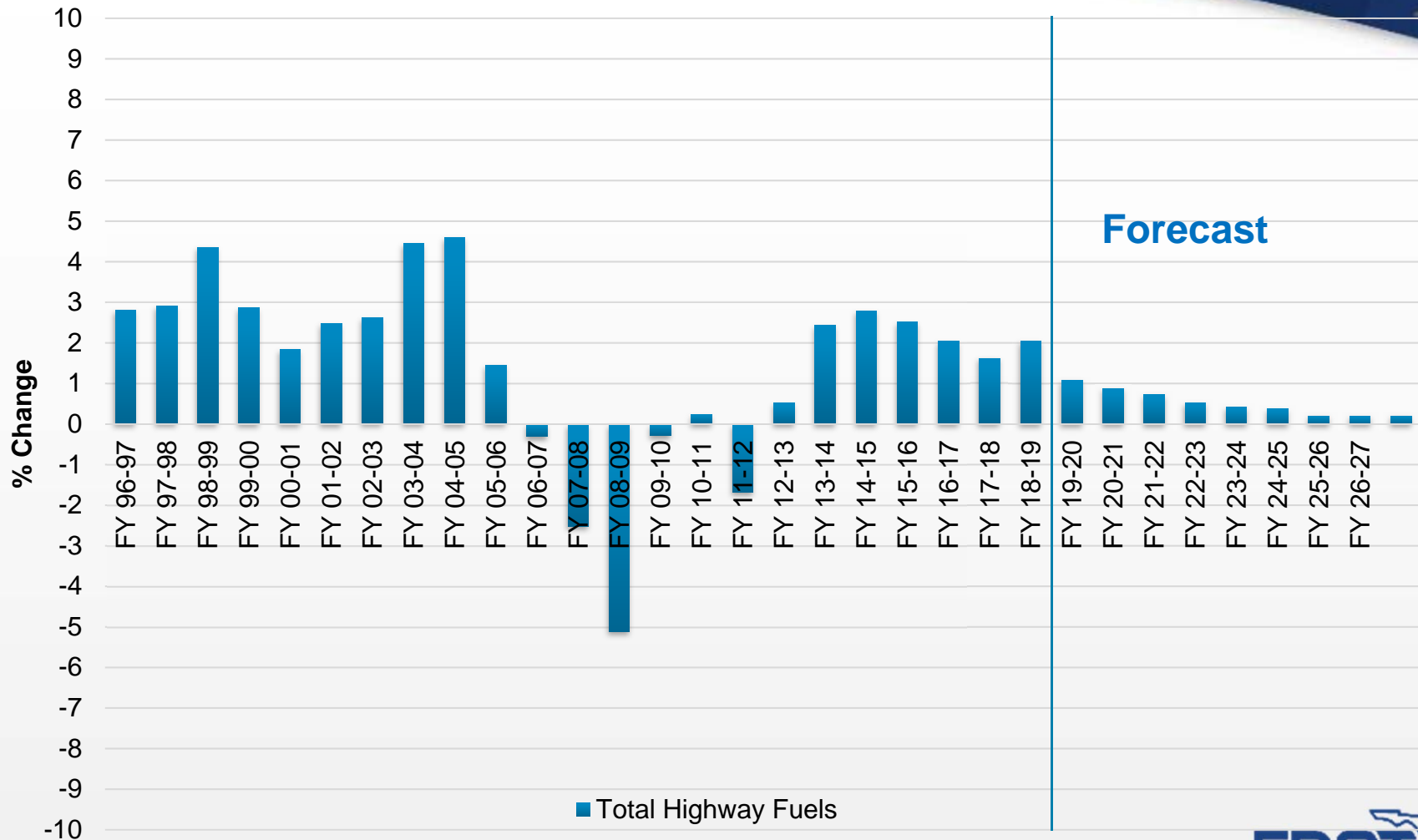
Fuel Consumption in Florida

(in Millions of Gallons Annually)



Forecast

Fuel Consumption Growth Rate in Florida



What Sets Florida Apart?



State Fuel Tax Indexed to CPI

Extensive Tolling Systems

Maximum Use of Innovative Financing

Population Growth

Record Tourism

Average Fuel Efficiency

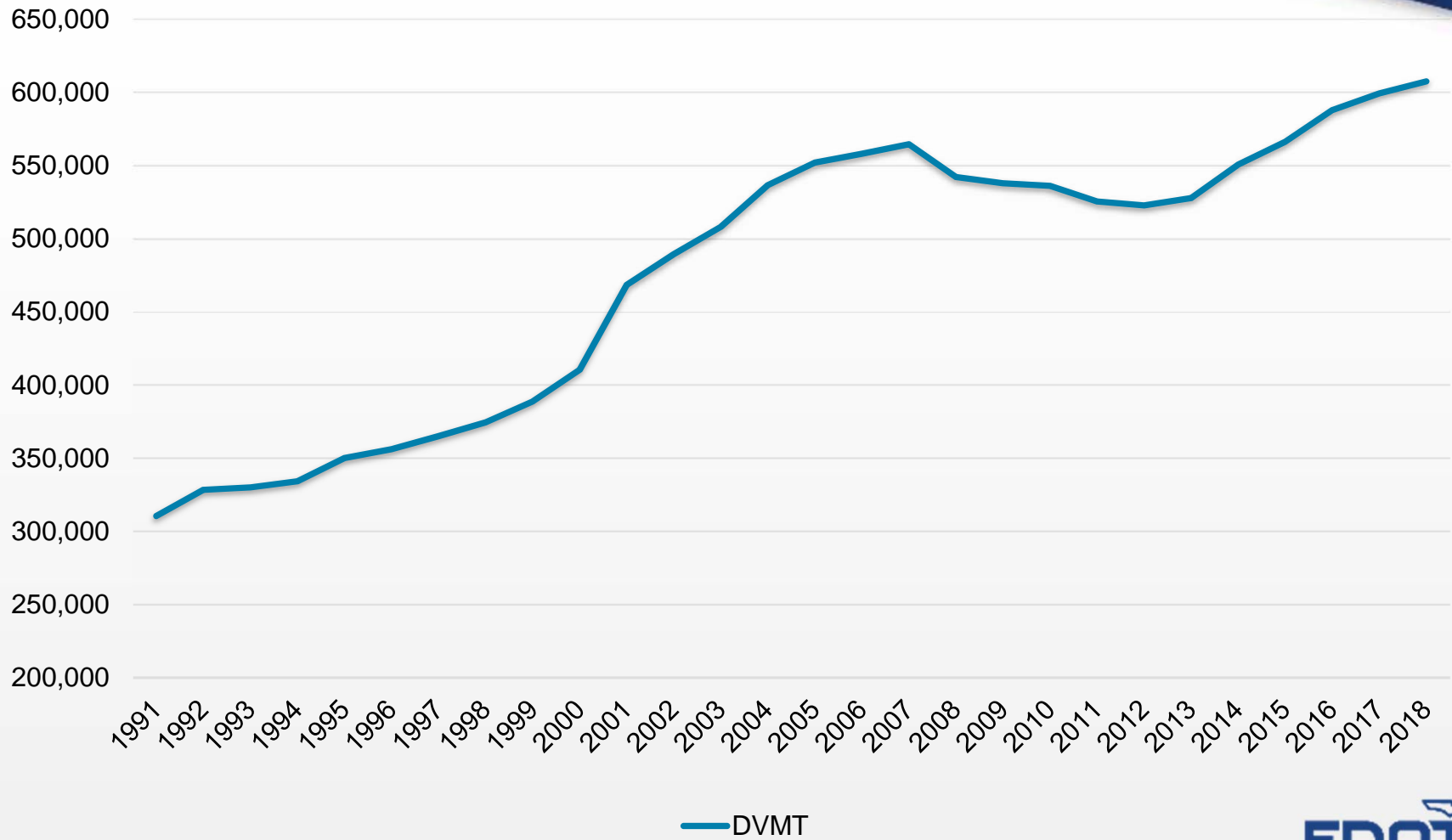


Since 1980 fuel efficiency of national fleet has increased 50%

Fuel efficiency of new cars increased 55%

Daily Vehicle Miles Traveled in Florida

(in Thousands of Miles on all Public Roads)



AV/EV Impacts of Market Share



AV market penetration rate of 35% of vehicles by 2035 (percent of new vehicles on the road)

In terms of vehicle fleet penetration, AVs will be 11% to 44% of vehicle stock in 2035

Most aggressive forecast predicts EV share of market will be 35% in 2040 (research underway)

In terms of vehicle fleet penetration, EVs will be 15% of vehicle stock in 2040

AV/EV Impacts to Overall VMT



Estimated that AVs will add 48.9 billion additional annual VMTs over baseline by 2048.

- Assumption is that all AVs in 2048 will be EVs
- Assumption that 30% of total VMT in 2048 will be eVMT (100.8 billion miles)
- Research is currently underway (Oct. 2019)

A white silhouette of the state of Florida is positioned in the upper right corner of a dark blue header bar. The background of the slide features a white curved shape at the bottom, suggesting a horizon or a stylized road.

QUESTIONS?

Contact Information:

Mark Reichert

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mark.reichert@dot.state.fl.us

Formation of a Training Committee

- Part of MPOAC Strategic Plan
- Recognizes the needs of MPOs to:
 - Educate new board members
 - Educate new employees
- May be used by FDOT with new employees
- Produce a “How To” document for approaching legislators and follow-up





MEMBER COMMENTS





ADJOURNMENT

Next Meeting – October 29, 2019
Marriott Lakeside – Airport
Orlando, FL

