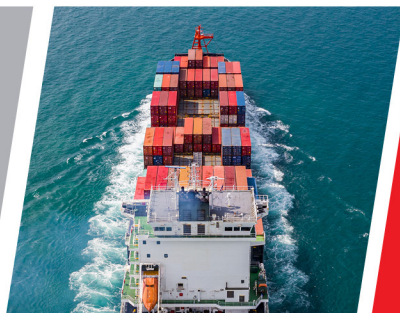




Transportation Trends Impacting Florida

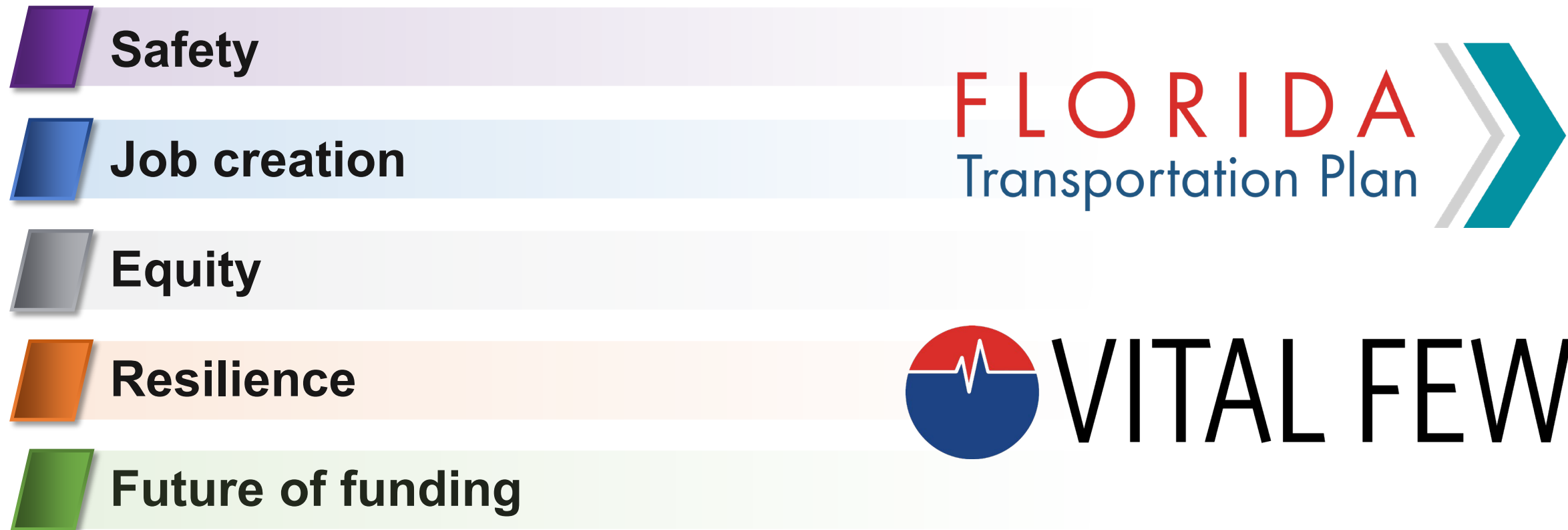
Alison Stettner, AICP
Office of Policy Planning

October 19, 2021



strategic
development

A Changing Policy Discussion



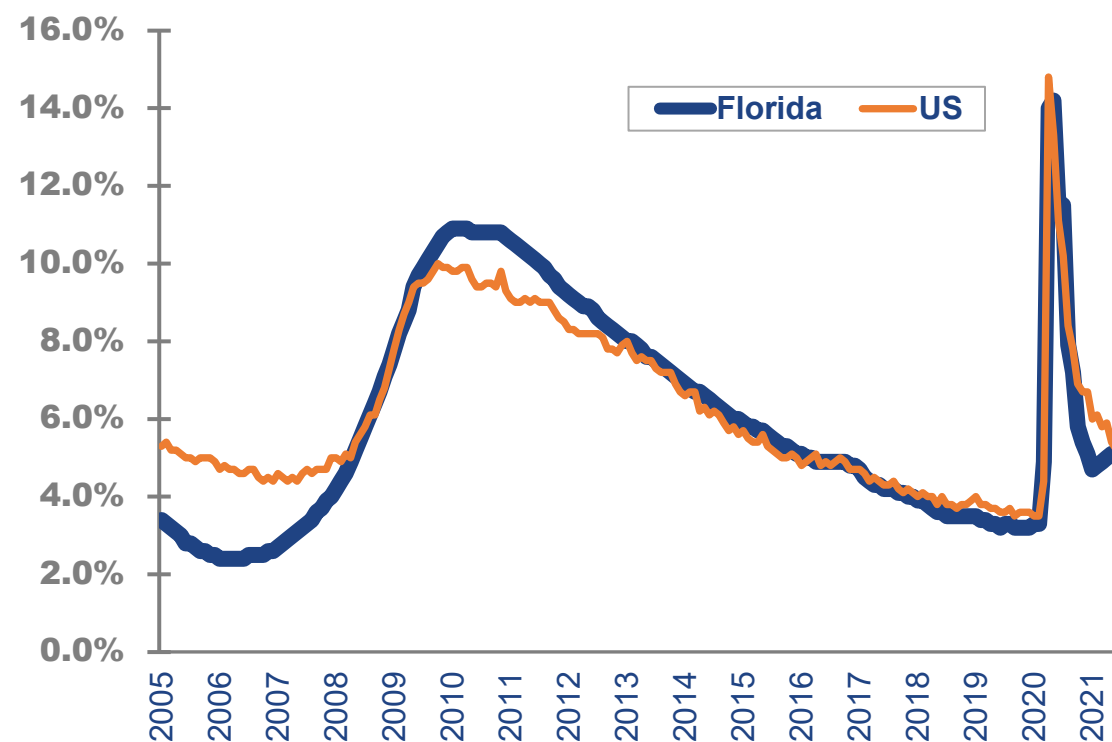


A Changing Florida



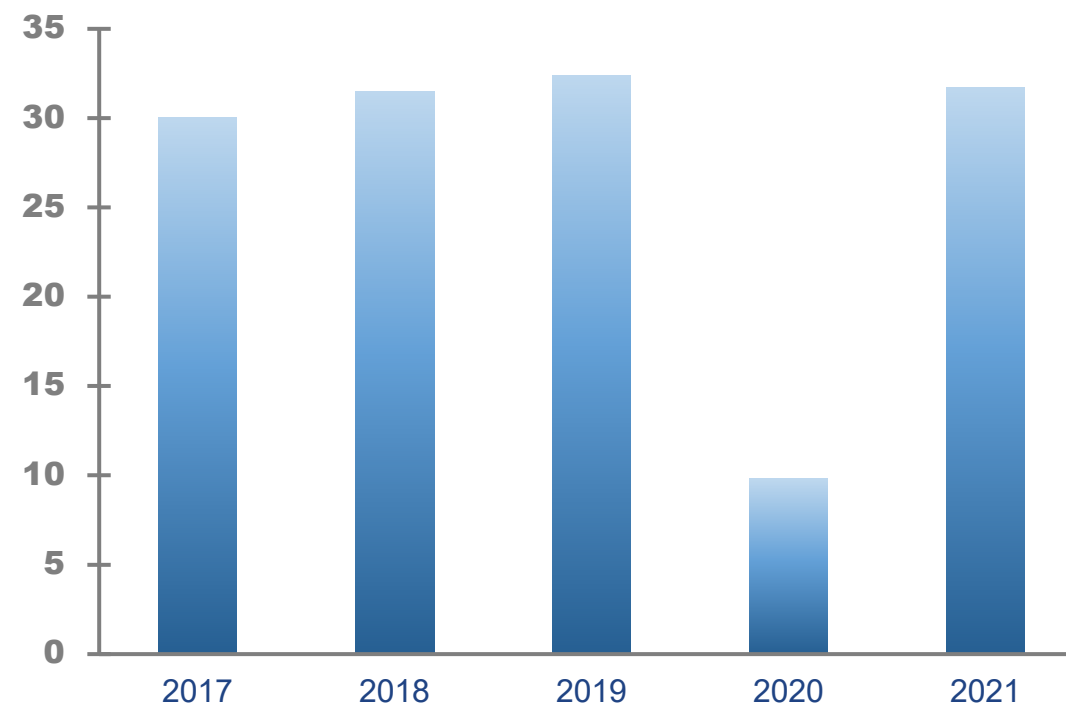
Economy Is Improving

**Unemployment Rate
(Seasonally Adjusted), 2005 to 2021**



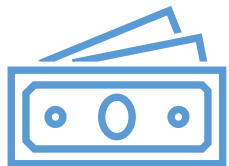
Source: Florida - labormarketinfo.com; U.S. - bls.gov

**Q2 Visitors By Year
(millions)**



Source: visitflorida.org

Impacts Are Uneven



TRANSPORTATION is the
THIRD HIGHEST HOUSEHOLD COST
for a family of four in Florida

46% of households in Florida
are considered
**ASSET LIMITED, INCOME CONSTRAINED,
WHILE EMPLOYED (ALICE)**

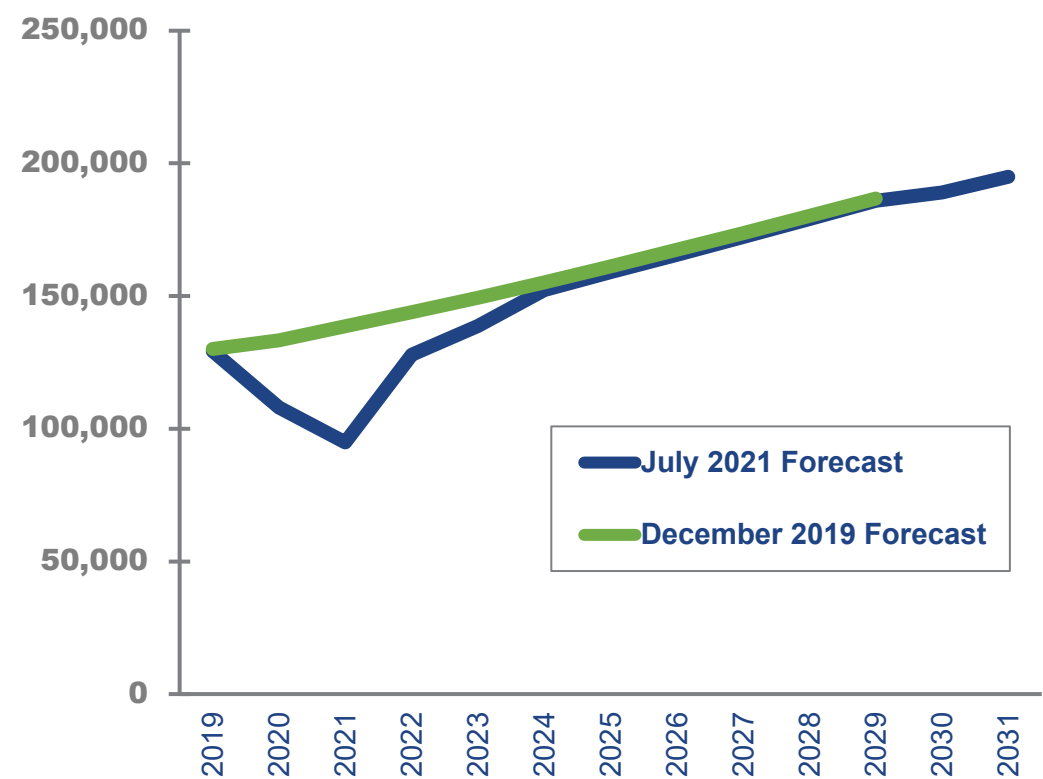
28% of **ADULTS** in Florida **HAVE A
DISABILITY**



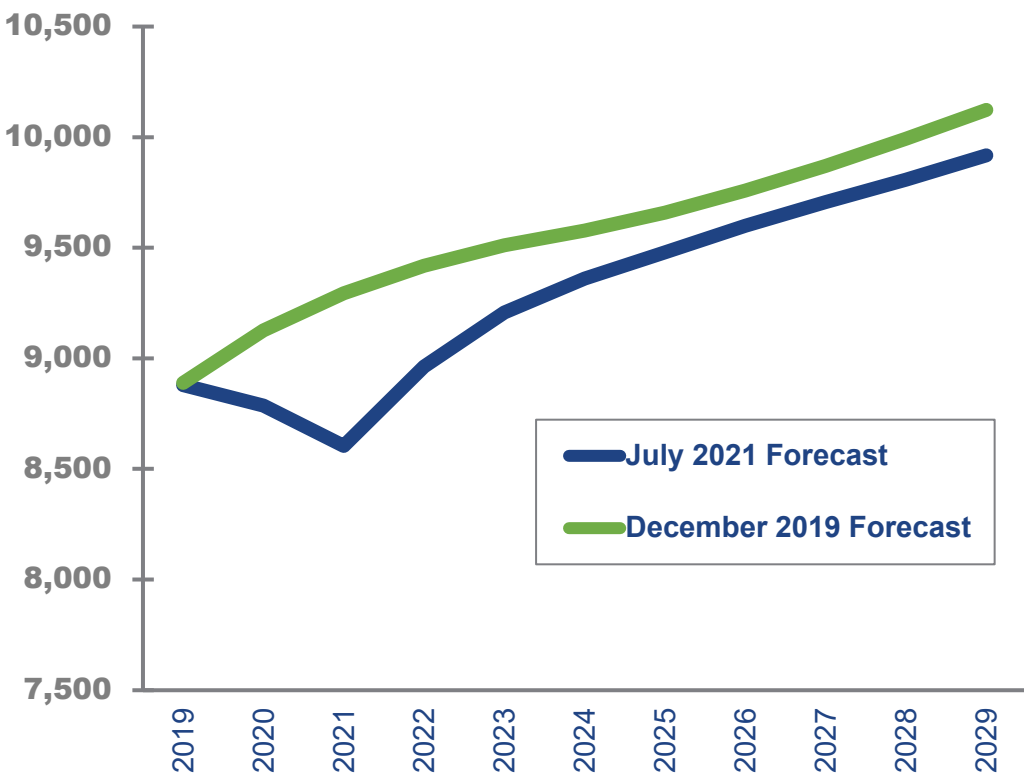
Source: United Way Alice Report 2020: Florida, CDC

Long-Term Growth Expected to Resume

Total Visitors July Projections



Total Non-Farm Employment, 2019-2029



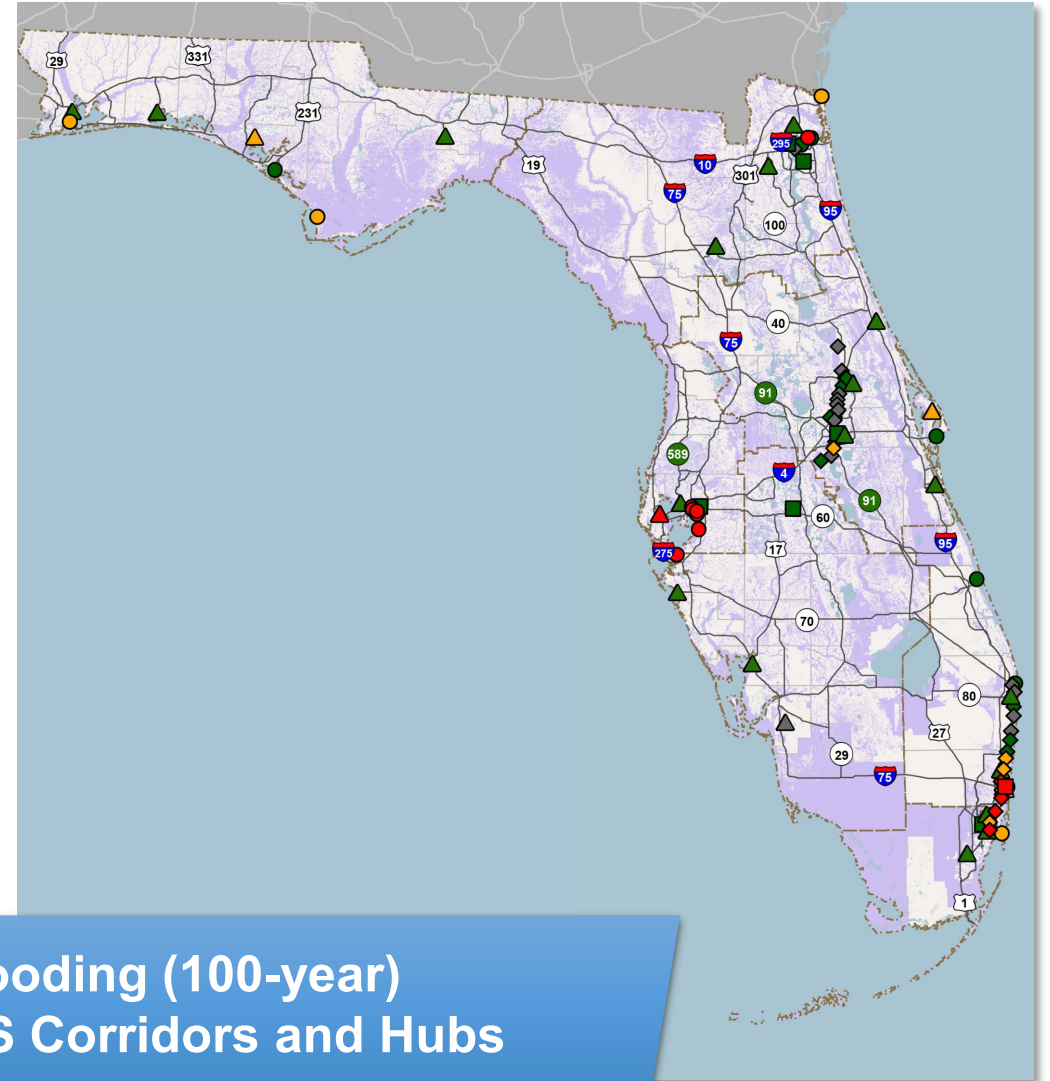
Source: Florida Economic Estimating Conference

MILLIONS
10.5



Changing Risks

- Climate and weather
 - Extreme weather events
 - Coastal and inland flooding
 - Sea level rise
 - Extreme heat
- Pandemics/public health emergencies
- Supply chain disruptions
- Cybersecurity



Flooding (100-year)
SIS Corridors and Hubs

Source: NOAA, FDOT SIS Resilience Study

Policy Implications



Planning in uncertainty



Integrating risk and resilience



Supporting job creation and economic stimulus



Improving equity and access to opportunity



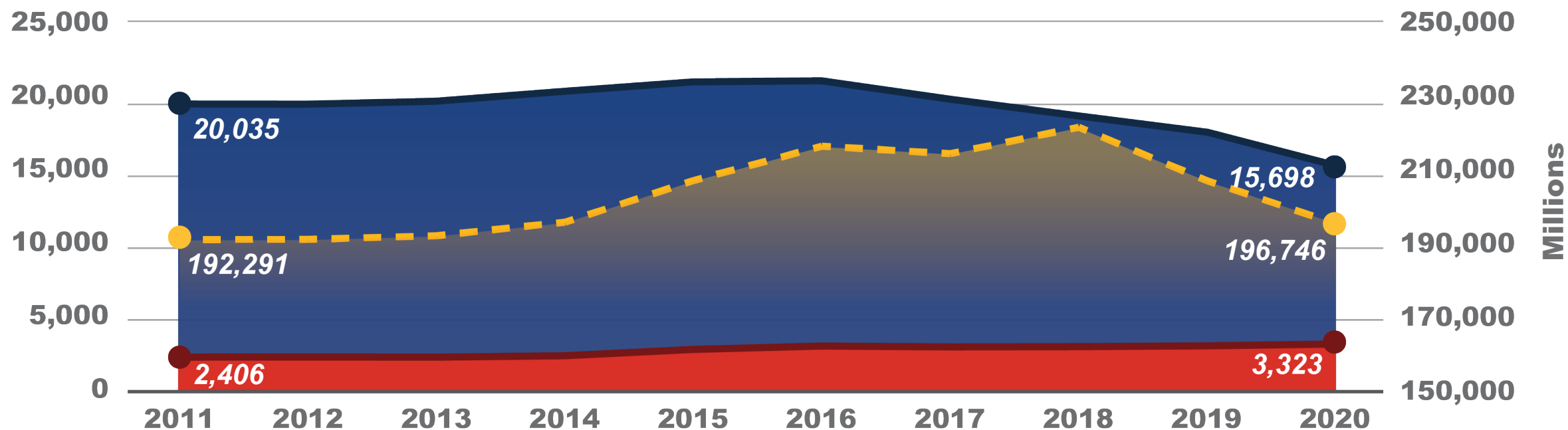
Safety



Safety – Long-Range Trends

Fatalities/Serious Injuries

Annual Vehicle Miles Traveled



*Percent Change
between 2019 and 2020*

**Fatalities
+4%**

**Serious Injuries
-13%**

Source: Signal Four Analytics – Florida Traffic Safety Dashboard, FHWA

Safety – Policy Implications

Speed management

Equity impacts

Alternatives to driving

Priority and flexibility for funding safety projects



 VITAL FEW



Lane Departure



Intersections



Pedestrian
and Bicycle

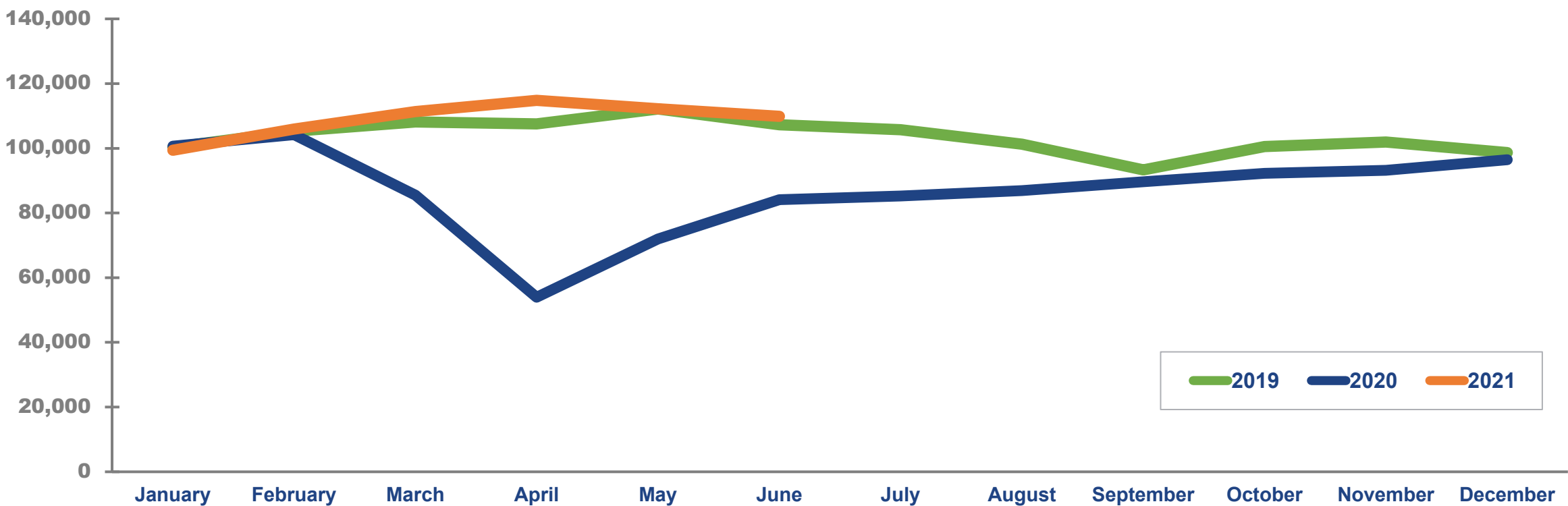


Mobility



Mobility – Recent Trends

Auto Traffic Volumes, Weekday Freeways

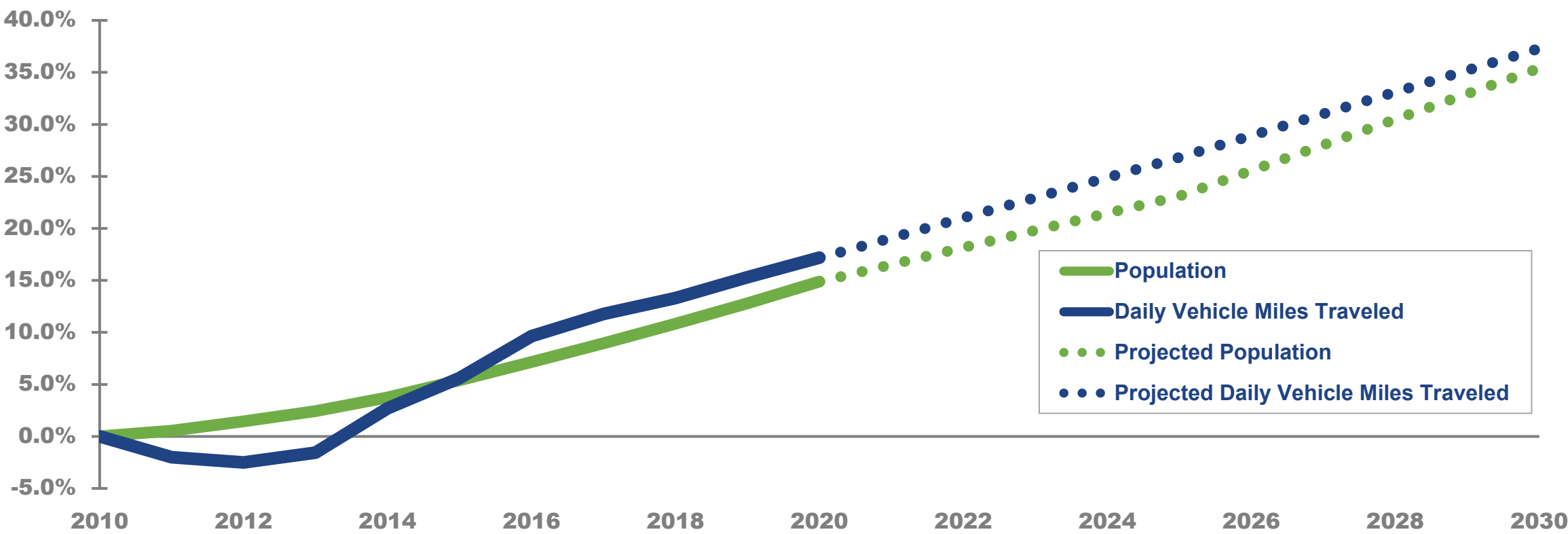


Source: FDOT



Mobility – Long-Term Trends

Will VMT Continue to Grow Faster than Population?



Source: BEBR, CUTR

Mobility – Policy Implications



Corridor planning



Rethinking transit and shared mobility



Providing choices to connect to jobs and services

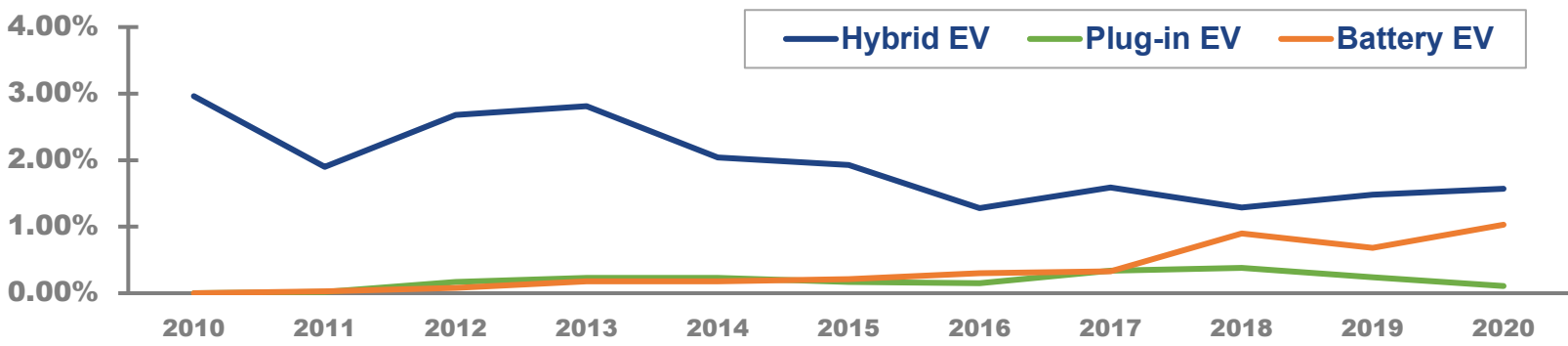


Innovation

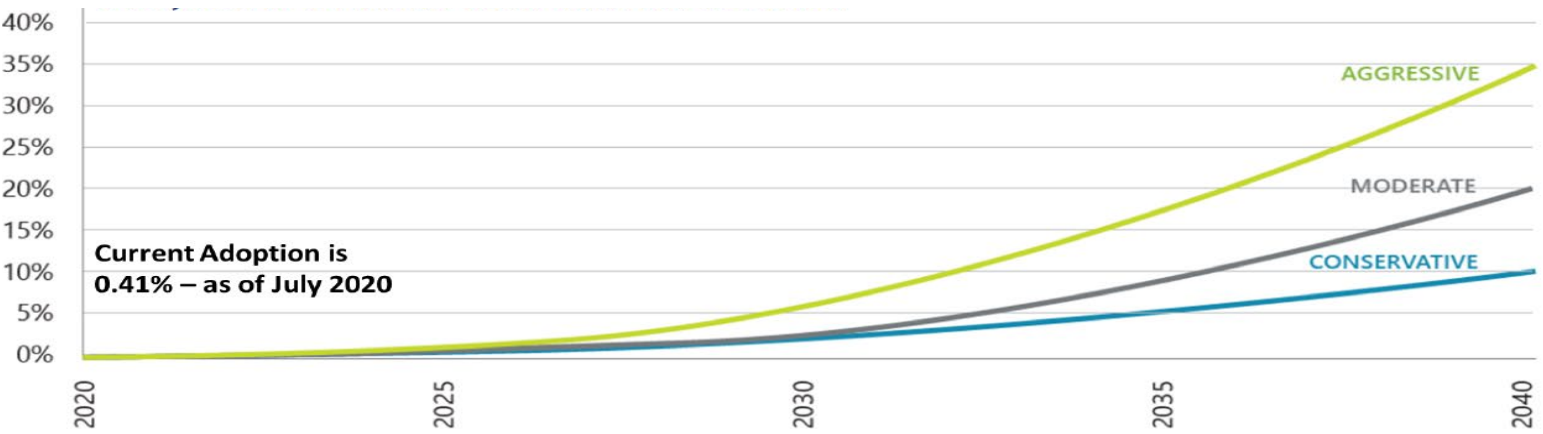


Innovation - Trends

Percent of Total Registered Vehicles

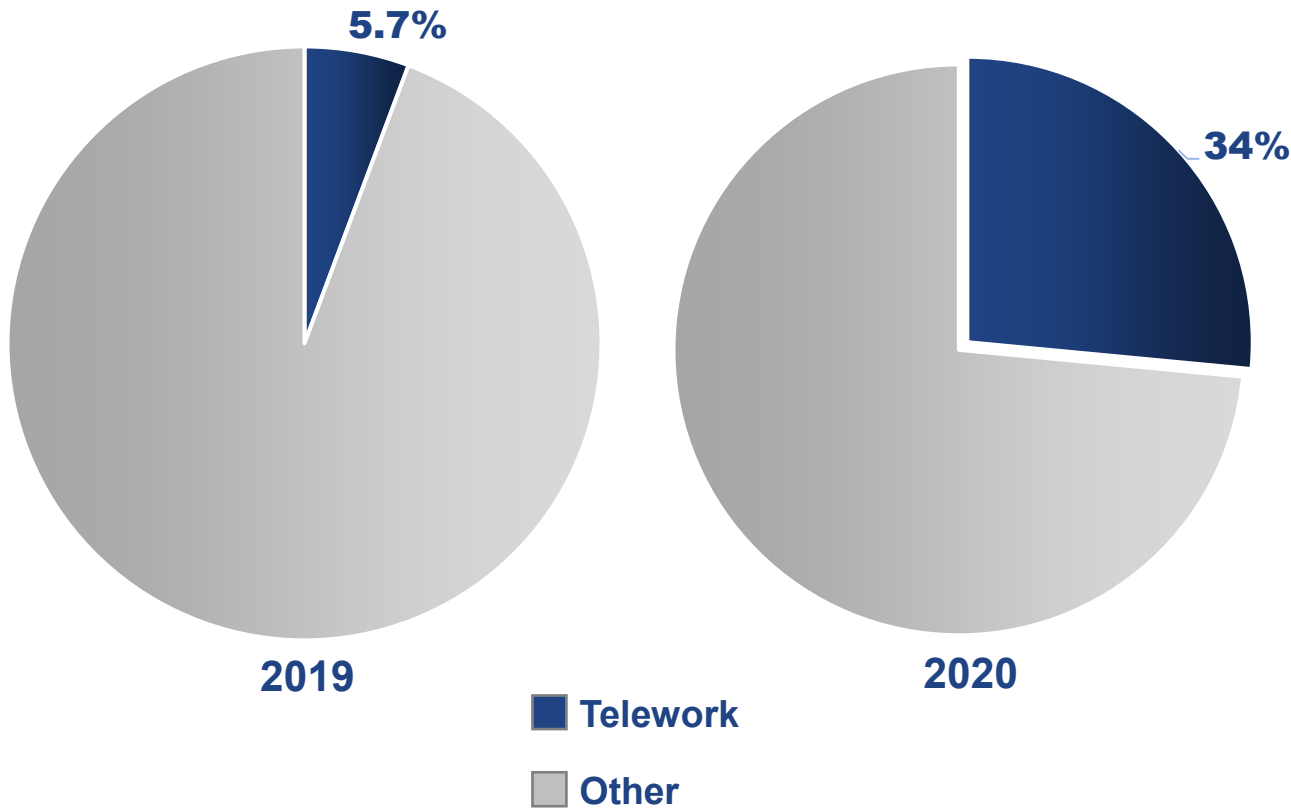


Projected EV Adoption Rate in Florida

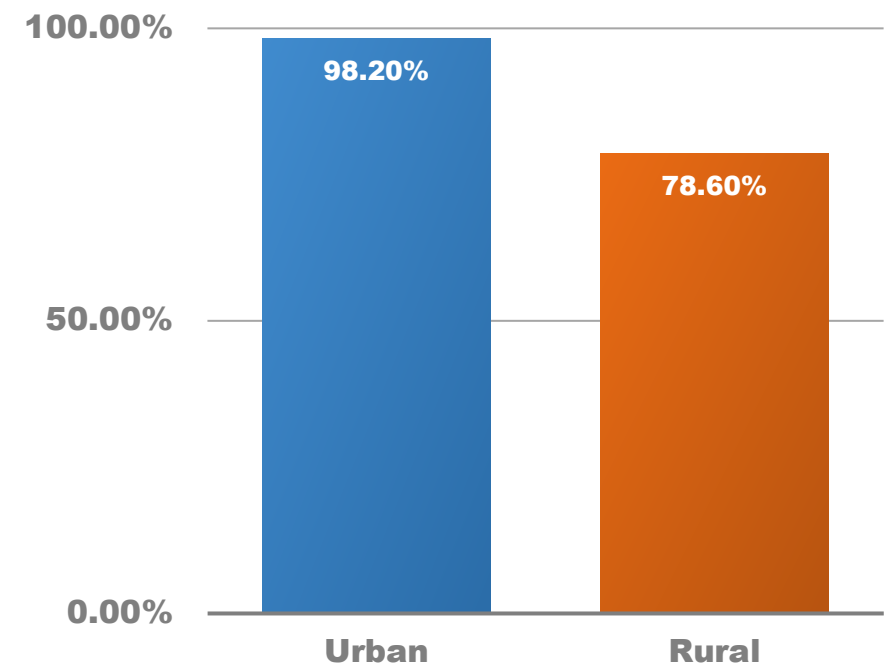


Innovation - Trends

U.S. Teleworking Share



Percent of Residents with Broadband Access In Florida Counties, February 2021



Source: EV Infrastructure Master Plan, U.S. Census Bureau, FDOT, FCC

Innovation – Policy Implications



Advancing proven/emerging mobility solutions



Supporting broadband connectivity



Electric vehicle infrastructure



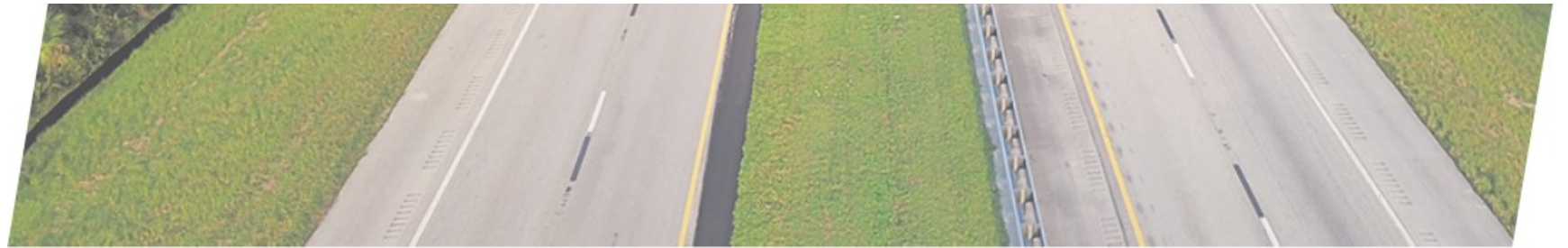
Cybersecurity and data privacy



Workforce preparedness



Funding



Funding – Policy Implications

 Federal stimulus, reauthorization, and discretionary grants

 Alternatives to motor fuel taxes

 Public/private partnerships

 State/local partnerships

 Flexibility and agility

Safety is Everyone's Responsibility

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