CENTRAL FLORIDA MPO ALLIANCE

# AGENDA

October 12, 2018 • 10:00 a.m.

## MEETING NOTICE

Please be advised that the next Central Florida MPO Alliance meeting will be held on:

**Date:**       Friday, October 12, 2018

**Time:**       10:00 a.m.

**Location:**   MetroPlan Orlando
David L. Grovdahl Board Room
250 S. Orange Avenue, Suite 200
Orlando, Florida 32801

---

# AGENDA

**Wireless Access Available**
Network = MpoGuest
Password = mpoaccess

Thank you for silencing your cell phones during the meeting.

---

Honorable Leslie Campione, Presiding

I.    Call to Order

II.   Pledge of Allegiance

III.  Introductions

IV.   Chairman's Announcements

V.    Public Comment on Action Items

People wishing to comment on Action Items must complete a "Speakers Introduction Card" at the reception desk. Each speaker is limited to two minutes.

## VI. Reports                                                                                                             Tab 1

### a. Delegation Reports (Info only)

- Lake-Sumter MPO Report                         - Polk TPO Report
- MetroPlan Orlando Report                       - Space Coast TPO Report
- Ocala/Marion TPO Report                        - River to Sea TPO Report

### b. FDOT District Reports
- District I
- District V
- Florida's Turnpike Enterprise

## VII. Action Items

### a. Approval of Previous Meeting Minutes                                                                    TAB 2

Action is requested for approval of the January 19, 2018 Central Florida MPO Alliance meeting minutes.

### b. Approval of Regional Prioritized Project List and Revised Prioritization Process          TAB 3
Presenter: Lois Bollenback

Action is requested to approve the CFMPOA regional prioritized project list. Ms. Lois Bollenback, River to Sea TPO, will highlight recommended revisions to the regional prioritization process. A copy of the revised priority lists and revised process are attached at Tab 3.

### c. Approval of the Regional Transit Study Report
Presenter: Mark Hardgrove

Mr. Mark Hardgrove will present the final regional transit study maps and report findings. This will include revisions and updates made as a result of presentations to the region's transit agencies and M/TPO technical committees and boards. Approval of the final report is requested. The full report may be downloaded at:
https://metroplanorlando.org/wp-content/uploads/RTS-report_10.05.18.Final_.pdf

## VIII. Presentations/Discussion

### a. Truck Parking Study Update
Presenter: Mr. Alex Trauger

Mr. Alex Trauger, HDR, will give a brief presentation on the study results and takeaways from Truck Parking Study Stakeholder meetings.

b.  Regional Indicators Report                                                                    TAB 4
    Presenter: Ms. Nikhila Rose

    Ms. Nikhila Rose, MetroPlan Orlando, will provide an overview of the latest Regional Indicators
    Report. In accordance with the Alliance Interlocal agreement, the Regional Indicators Report is a
    required document that must be updated annually. The full report may be downloaded at:
    https://metroplanorlando.org/wp-content/uploads/RegionalIndicatorsReport_2018.pdf

d.  Florida's Coast to Coast Trail                                                                 TAB 5
    Presenters: CFMPOA Directors

    Each director or a member of the M/TPO staff will provide an update on progress being made
    closing the gaps along Florida's Coast to Coast Trail.

e.  Florida Trail Town Program                                                                     TAB 6
    Presenter(s): Ms. Virginia Whittington, Ms. Shannon Schmidt (Clermont EDC), Ms. Sarah Kraum
    (Space Coast TPO)

    Ms. Virginia Whittington will provide an overview of the Florida Trail Town Program. Ms. Shannon
    Schmidt and Ms. Sarah Kraum will highlight the City of Clermont and the City of Titusville,
    respectively, both of which have been designated as Florida Trail Towns.

IX.  Work Session (Action Items Included)                                                          TAB 7

a.  Look Back/Path Forward
    Presenter: Ms. Virginia Whittington

    Staff will provide an overview of the Central Florida MPO Alliance and solicit direction regarding
    the upcoming year, including the 2019 meeting schedule and revisions to the Interlocal
    agreement.

    Action items:
    1.  Draft 2019 CFMPOA Meeting Schedule

        The board will be asked to approve the 2019 meeting schedule based on discussion that
        will follow the presentation.

    2.  Approval of revisions to the Amended and Restated Interlocal Agreement

        Proposed revisions have been made to the CFMPOA Amended and Restated Interlocal
        Agreement, including staffing change updates. Other revisions that may result from the
        board's discussion, will be incorporated prior to adoption.

    3.  Election of 2019 CFMPOA Officers

        At the last meeting in each calendar year, members of the Central Florida MPO Alliance
        shall select one of its members as Chairperson, another member as Vice-Chairperson,
        and a third member as Secretary. These three officers shall serve a term of one year until
        their successors are selected. Since the Alliance did not meet in October, the new officers
        will assume their duties at this meeting. A history of the Alliance officers is provided for
        use and information.

X.  Information Items                                                        TAB 8

   a.  MPOAC 2019 Legislative Priorities and Policy Positions

       A copy of the MPOAC 2019 Draft Legislative Priorities and Policy Positions is provided for
       information.


XI.  Member Comments


XII.  Public Comments

   People wishing to speak must complete a "Speakers Introduction Card" at the reception desk.  Each
   speaker is limited to two minutes.


XIII.  Next meeting –   January 11, 2018 *(Subject to Change)*
                        MetroPlan Orlando
                        250 S. Orange Avenue, Suite 200
                        Orlando, FL 32801

XIV.  Adjournment

*In accordance with the **Americans with Disabilities Act (ADA)**, if any person with a disability as defined by the ADA needs special accommodations to participate in this proceeding, he or she should contact **Ms. Lisa Smith, MetroPlan Orlando,** 250 S. Orange Avenue, Suite 200, Orlando, FL 32801 **or by telephone at (407) 481-5672 x307 at least three business days prior to the event.***

*Persons who require translation services, which are provided at no cost, should contact **MetroPlan Orlando at (407) 481-5672 x307** or by email at lsmith@metroplanorlando.org  at least three business days prior to the event.*

*As required by Section 286.0105, Florida Statutes, MetroPlan Orlando hereby notifies all interested parties that if a person decides to appeal any decision made by MetroPlan Orlando with respect to any matter considered at such meeting or hearing, he or she may need to ensure that a verbatim record is made to include the testimony and evidence upon which the appeal is to be based.*

# TAB I

# LAKE~SUMTER MPO PROJECT UPDATES – October 2018

- **US 301 Project Development and Environment (PD&E) Study (Sumter County)**
  US 301 is being studied from SR 44 in Wildwood south to C-470 (west) in Sumterville. The study will lead to specific operational improvements and design improvements to the interchange of US 301 and Florida's Turnpike and to the intersection of US 301 and SR 44. The study is also examining the concept of a new alignment east and south of Coleman. The planning effort is being coordinated with other Sumter County projects including the I-75/CR 514 proposed interchange and the C-470 study. Public Alternatives Meeting #2 was held in May. A public hearing on the recommended alternatives will be held in summer 2018. The preferred design alternative will be presented for public comments at the Hearing. At the end of the study in spring 2019, a recommended design alternative will be selected, and all engineering and environmental reports will be finalized. The project is funded for the design phase in FY 2019/20.
  Project website: **http://us301sumter.com/**

- **I-75/CR 514 PD&E Study (Sumter County near Coleman)**
  The Florida Department of Transportation (FDOT), District 5 has initiated a Project Development & Environment (PD&E) Study to evaluate a new interchange near the Interstate 75 (I-75) at County Road (C.R.) 514 (Warm Springs Avenue) overpass. The project area is located approximately 4.0 miles south of the I-75 and Florida Turnpike interchange and approximately 3.5 miles north of the I-75 at C.R. 470 interchange in Sumter County. The project limits extend north and south along I-75 at C.R. 514 and along C.R. 514 from 0.5 mile west of I-75 east 0.75 mile to the C.R. 525 Extension.
  C.R. 514 is a two-lane, undivided, local roadway that crosses over I-75 at the project location. The purpose of this project is to improve the existing transportation network and support regional travel demand by providing additional access to I-75 at C.R. 514. The planned Florida Crossroads Industrial Activity Center (FCIAC) will serve as an intermodal freight logistics center and distribution hub, contributing to projected future travel demand in the region. In addition, residential development is expanding from the north and east toward the project area, increasing the amount of traffic in the region. The existing transportation network facilities in the project and surrounding area will be unable to support projected future demand.
  Project webpage: **http://www.cflroads.com/project/435476-1/I-75_at_C_R_514**

- **C-470 PD&E Study**
  FDOT is nearing completion of a Project Development and Environment Study for C-470 in Sumter County east into Lake County across Florida's Turnpike. The study is examining future needs for the roadway through 2040. The study is also part of an initiative to have 470 in both counties designated as a state road from I-75 in Sumter County east to US 27 in Lake County. A public hearing was held in April on the recommended alternatives. The study is now in final documentation phase and concludes this month. The project is funded for the design phase in FY 2019/20.
  Project webpage: **http://www.cflroads.com/project/434912-1/C_-_470_PD_E_Study**

- **Wekiva Parkway Project**
  The Central Florida Expressway Authority is now constructing all remaining segments in Orange County and new SR 453 from Orange County into Lake County from SR 429 to SR 46. The FDOT has moved into the construction phase for segments of SR 46, SR 429, and CR 46A in Lake County.
  Project Website: **http://wekivaparkway.com/fdot-projects.php**

- **Trails: Central Florida C2C Trail and Wekiva Trail**
  Because of the Central Florida MPO Alliance prioritization of Regional Trails, almost all phases of the C2C Trail have received advancements of funding from FDOT for each needed phase in both counties. The FDOT recently announced forthcoming programming of the subsequent phases of each segment of the C2C. Only the segment through downtown Groveland is absent from the FDOT Work Program. Meanwhile, the Wekiva Trail has two segments out of four segments committed for construction to be complete by 2019/20. The other two segments are now in the design phase. Project website: **http://www.floridasuntrail.com/**

- **Minneola Interchange: Florida's Turnpike/North Hancock Road/Citrus Grove Road**
  Florida's Turnpike Enterprise opened the new interchange at Milepost 279 in June. North Hancock Road has been opened as a four-lane roadway from the forthcoming interchange south to SR 50. North of the interchange, a two-lane North Hancock Road extends north to CR 561A. Meanwhile, an east-west connection to US 27 will be accomplished by building Citrus Grove Road as a four-lane roadway, with the eastern segment to be constructed first. Construction of the eastern portion of Citrus Grove Road is committed.

- **Lake-Orange Parkway & Schofield Road Concepts (US 27 to SR 429)**
  The Central Florida Expressway Authority is preparing to start a Feasibility, Project Development and Environment (PD&E) Study for the Lake / Orange Connector. The study will take a fresh look at previously studied alignment alternatives seeking to promote regional connectivity via a limited access facility.
  CFX will be providing more information on this study once it gets underway. Public involvement and intergovernmental coordination will be a crucial part of this study.
  Two options are being examined to construct roads between US 27 south of Clermont east to existing interchanges with SR 429. The northern corridor, Wellness Way, would connect to the New Independence Parkway interchange. The corridor to the south would connect to the Schofield Road interchange.
  Project website: **https://www.cfxway.com/agency-information/plans-studies/project-studies/lake-orange-connector-study/**

- **SR 50 PD&E Study**
  SR 50 is being studied from US 301 in Hernando County east to CR 33 in Mascotte. The Project Development and Environment Study is examining safety and capacity needs and will take into account the environmental issues relative to the Green Swamp and the Withlacoochee State Forest. The study commenced in January and the first public meeting was held in July. The study will conclude at the end of 2018.
  Project website**: http://www.cflroads.com/project/435859-1/SR_50_PD_E_Study_from_US_301_in_Hernando_County_to_CR_33_in_Lake_County**

- **Complete Streets Projects**
  The MPO's first Complete Streets project, SR 44 (Dixie Avenue) in Leesburg, is currently under construction phase while a study of US 27 in Leesburg is nearing completion and design funds are being requested. The MPO and Umatilla are coordinating with FDOT to add Complete Streets elements to a SR 19 resurfacing project. Moving forward this year are studies of East Avenue in Clermont and US 301 in downtown Wildwood.

## Corrine Drive Complete Streets Study

MetroPlan Orlando is leading the Corrine Drive Complete Streets Study, in coordination with 3 local governments. Phases 1 and 2 of the study are complete. The third and final phase is underway. In Phase 1, MetroPlan Orlando conducted an Existing Conditions assessment, which informed the development of 6 potential concepts for the future Corrine Drive. These concepts, plus 7 safety solutions, were presented in Phase 2 for public feedback. Nearly 1,200 people shared their thoughts. The feedback is informing the draft Corrine Drive Complete Streets plan.

## Health and Transportation

In February 2018, MetroPlan Orlando hosted a Transportation Think-In, the first time 60 non-transportation community leaders gathered to talk transportation. The half-day event featured a keynote speaker from The Federal Reserve Bank of Atlanta. A summary report from the event is located on MetroPlan Orlando's website. The insights shared by these community leaders are supporting a white paper series that will be released in October 2018. This project was made possible through a FHWA INVEST grant.

## SunRail Ridership and Transit-Oriented Development Research

MetroPlan Orlando, in cooperative partnership with Florida State University, is conducting research to understand the connection between Central Florida's Transit-Oriented Development building boom and SunRail ridership. The research wants to learn more about who is living in these new developments, who is working nearby, and what role, if any, SunRail has in their mobility. The full report will be released in fall 2018.

## Traffic Signal Retiming Contract

MetroPlan Orlando is now in its third year of managing traffic signal retiming contracts for the agencies in our planning area, in coordination with FDOT.  Retiming work under MetroPlan Orlando's 2018-2019 Signal Retiming Program is under way, as of September 0f 2018.  For this year, the retiming work is being conducted by the three consultants selected during the procurement process - Faller Davis & Associates, Inc., Metric Engineering, and Albeck Gerken, Inc.  Signal timings developed by these consultants for the 240 selected intersections throughout Orange, Osceola, and Seminole Counties, and the City of Orlando are anticipated to be implemented by the end of May, 2019.

## Multimodal Connectivity Pilot

Connectivity is one of several concepts commonly used in transportation performance measurement to describe the ease with which people can travel across the transportation system. At its simplest level, network connectivity addresses the question, "Can I get where I want to go easily and safely?" Multimodal network connectivity adds the dimension of travel choices to the picture: "Can I get where I want to go easily and safely in whatever way I choose—for example, walking, bicycling, using transit, or driving?" When there is a connected multimodal network, people can travel by whatever mode they choose and the transportation system also works for those that do not drive or that don't have access to a motor vehicle.

The proposed activities will allow MetroPlan Orlando to evaluate needs beyond congestion and prioritize projects for mobility as we urbanize, diversify, and grow. The pilot will enhance our current work and position us to create a long range plan that supports the continued transformation of Central Florida. The pilot will advance the completion of the remaining data needs by MetroPlan Orlando, complete the East Central Florida Regional Planning Councils route condition tool, calibrate and test Sugar Access for multimodal needs, and develop metrics and performance measures for project prioritization.

## Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Grant

On January 8, 2018, the Florida Department of Transportation (FDOT) District Five officially entered into an award agreement with the Federal Highway Administration (FHWA) in conjunction with the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) program. District Five was awarded grant funding not to exceed $11,946,279 in an effort to support the Connecting the East Orlando Communities program, in partnership with MetroPlan Orlando and the University of Central Florida.  This grant deployment lasts approximately five years. This grant includes four major elements: PedSafe, Greenway, SmartCommunity and SunStore.  Each element has four tasks: Planning, Design, Build/Deploy, and Operations & Maintenance.  Additional information on this project is available at:  http://www.cflsmartroads.com/projects/ATCMTD.html.

## Work Zone Impact Strategy Estimator (WISE)

MetroPlan Orlando has completed its work on the Work Zone Impact Strategy Estimator (WISE) Project. This project was funded through the Strategic Highway Research Program (SHRP2), Transportation Research Board. A demonstration was conducted of the concepts in the Work Zone Impacts and Strategies Estimator (WISE) software, some of its functionality in the planning and operations modules, and a dynamic traffic assignment (DTA) to optimize project scheduling, work zone management and traffic management during construction.  The pilot used the logic of WISE, but applied with a more detailed optimization function and traffic simulation for designing and evaluating improved project planning and traffic solutions.  This gave us idea of when to schedule other major highway construction projects during the reconstruction of the I-4 Ultimate Project (with construction just getting underway) and the I-4 Beyond the Ultimate Project (with design work now underway).  The WISE is a valuable tool for planning purposes especially when trying to coordinate FDOT projects with projects being planned by various toll road authorities and agencies in the Orlando metropolitan area.

## Work and Other Studies:

- Annual Travel Time and Delay Study
- Data Development for the Central Florida Regional Planning Model (CFRPM)
- Major Amendments to the 2040 Long Range Transportation Plan – Performance Measures and Targets
- Silver Star Road Complete Streets Study
- Bicycle and Pedestrian Safety Action Plan
- SR 436 Premium Transit Study
- LYNX Transit Development Plan and Route Optimization Study

# DELEGATION REPORT
## October 2018

### *County-wide ITS Master Plan Update*

ITS Master Plan was completed and approved by the TPO in July 2018. Staff has developed a scope of services identifying the proposed improvements that were recommended in the Master Plan which will be available for funding in FY 21.

### *Transit Realignment*

To improve the efficiency of the overall fixed-route transit system, SunTran, the TPO Board has approved recommended changes to the SunTran Route system to increase ridership and improve efficiency. Further refinement of the recommendations has been conducted through multiple route timing runs and with additional emphasis placed on new or newly planned attractors along the proposed service routes.
A final set of recommendations have now been compiled and additional public outreach is underway to inform transit riders of the planned changes. The route changes shall go into effect in early November, 2018.

### *Dunnellon Pennsylvania Avenue Multimodal Downtown Conceptual Plans*

The TPO's general planning contractor is compiling input from key stakeholder meetings to put together concept plans specifically addressing access management, mid-block pedestrian crossing locations and proposed locations of on-street parking to be reviewed and endorsed by the City of Dunnellon and incorporated into the design plans developed by FDOT. Stakeholders are completed and our consultant is in the process of completing design plans based on stakeholder input. These changes are anticipated to dramatically alter the area and provide unique opportunities to develop a more multimodal urban environment. The project will be completed by February 2019.

<u>*Trail Safety Connectivity, and Facility Plan*</u>

Initiated the development of the trail safety, connectivity and facility plan for the Greenway Trails throughout Marion County.  The plan will review traffic safety and operations as well as enhancements to the pedestrian environment and aesthetic improvements along the corridor.  This project will result in guidance that will clearly establish how all subsequent multiuse trails will be built and implemented in the future. During the planning and design phases of these trail development projects, the need to better coordinate with the existing equestrian stakeholders was identified. To this end, a series of recommendations will be developed that will better support the equestrian users and their existing facilities in relation to the multiuse trail system. This scope of work addresses these aspects and provides a series of recommendations for implementing the needed supportive facilities to the overall system. This scope of services will examine needed safety improvements, signing & wayfinding standards, and trailhead needs.  Plan is scheduled to be completed by July 2019.

# River to Sea TPO's Delegation Report to the Central Florida MPO Alliance
# October 2018

**Planning Projects – Underway and Upcoming**

- **R2CTPO Annual Public Outreach Summary Report** – Each year TPO staff compile a summary of outreach activities and measures of program success. Outreach efforts and public engagement were particularly strong during Fiscal Year 2017-18 as a result of activities associated with the "Tell the TPO" survey.

- **Bicycle Suitability Map** – The R2CTPO is completing work on the Bicycling Suitability Map that rates roadways for bicycling suitability.

- **Congestion Management Process (CMP) & Performance Measures Report** – R2CTPO staff are completing an update and enhancement of this annual report to include addition transportation system performance measures. The report update is expected to be completed in October 2018.

- **Legislative Positions for 2019** – The R2CTPO is beginning the annual update of legislative positions for the upcoming session of the Florida Legislature.

**Transportation Performance Measures**

- The River to Sea TPO advisory committees and board approved safety targets in January 2018 and continue to review performance data and targets being developed by FDOT and local transit agencies. Additional measures are expected to be adopted in September 2018.

**2045 Long Range Transportation Plan**

- Development of the Central Florida Regional Planning Model (CFRPM) is currently underway. In October, the R2CTPO will approve the base year data-sets.

**October 12, 2018**
**DELEGATION REPORT**

- **2045 Long Range Transportation Plan Update**
  Currently technical socio-economic data for the year 2015 is being reviewed by local jurisdictions and TPO staff for use in regional planning model.  The 2045 LRTP Public Involvement Plan (PIP) was approved in October and outlines the public outreach activities and methods that will be used during the 2045 LRTP update process. The intention is to collect, review, and utilize diverse viewpoints to help in the decision-making process.  To comply with the updates of federal legislation in the FAST Act (2015) and MAP-21 (2012), the 2045 LRTP PIP will be used to document the tools utilized, the input received, the overall results, and measures of effectiveness of LRTP outreach activities.

- **ADA Bus Stop Assessment Update**
  The update will catalog improvements that have been made since the original assessment, create a dashboard/database that can easily be updated and used to identify projects and export data, and develop an implementation guide.  Currently a quality check on bus stop data and interactive computer program is being completed.  A presentation to our committees and board is scheduled for December 2018.

- **Bicycle/Pedestrian Master Plan Update**
  Currently the existing facility inventory has been collected and mapped.  The public outreach survey was launched in September and will run until the end of December to gather feedback on public priorities related to bicycle, pedestrian and trail facilities.  Public meetings will be held in January and February.

# TAB 2

**Central Florida MPO Alliance**
**Meeting Minutes**

Friday, January 19, 2018

MetroPlan Orlando
David L. Grovdahl Board Room
250 S. Orange Avenue, Suite 200
Orlando, Florida 32801

---

Vice-Chair Elect Deb Denys, presiding

**MEMBERS IN ATTENDANCE:**      **REPRESENTING:**

| | |
|---|---|
| Honorable Nick Girone | Lake-Sumter MPO |
| Honorable Cheryl Grieb | MetroPlan Orlando |
| Honorable John Horan | MetroPlan Orlando |
| Honorable Lee Constantine | MetroPlan Orlando |
| Honorable Michelle Stone | Ocala/Marion County TPO |
| Honorable Ron Livsey | Ocala/Marion County TPO |
| Honorable Roy Tyler | Polk TPO |
| Honorable Deb Denys | River to Sea TPO |
| Honorable Lita Handy-Peters | River to Sea TPO |
| Honorable Rocky Randel | Space Coast TPO |
| Honorable Tres Holton | Space Coast TPO |

**MEMBERS <u>NOT</u> IN ATTENDANCE:**

| | |
|---|---|
| Honorable Leslie Campione | Lake-Sumter MPO |
| Honorable Tim Sullivan | Lake-Sumter MPO |
| Honorable Jennifer Thompson | MetroPlan Orlando |
| Honorable Brent Malever | Ocala/Marion County TPO |
| Honorable Patrick Huff | Polk TPO |
| Honorable Collins Smith | Polk TPO |
| Honorable Leigh Matusick | River to Sea TPO |
| Honorable Kathy Meehan | Space Coast TPO |

**OTHERS IN ATTENDANCE:**

| | |
|---|---|
| Ms. Virginia Whittington | MetroPlan Orlando |
| Mr. Harry Barley | MetroPlan Orlando |
| Mr. Mike Woods | Lake-Sumter MPO |
| Mr. Michael Daniels | Ocala/Marion County TPO |
| Mr. Ronnie Blackshear | Polk TPO |
| Mr. Bob Kamm | Space Coast TPO |
| Ms. Lois Bollenback | River to Sea TPO |
| Ms. Allison Stettner | Florida's Turnpike Enterprise |
| Secretary Steve Martin | FDOT - District 5 |
| Ms. Laura Herrscher | FDOT - District 1 |

A complete list of all others in attendance may be obtained upon request.

## I. Call to Order

Vice-Chair elect Deb Denys called the January 19, 2018 Central Florida MPO Alliance meeting to order at 10:00 a.m., and welcomed everyone.

## II. Pledge of Allegiance

Vice-Chair elect Deb Denys led the Pledge of Allegiance.

## III. Introductions

Vice-Chair elect Denys gave Alliance members the opportunity to introduce themselves. She introduced Mr. Jim Hartman with the Orlando Economic Partnership who provided an overview of his new role at the organization. He explained that one of the duties that he has been tasked with is creating the Alliance for Regional Transportation. Mr. Kamm asked that he elaborate on what makes up the Region. Mr. Hartman explained that the region is made up of seven counties and 86 cities and will be private sector based. He provided the Alliance members with copies of the final report of the Central Florida Transportation Task Force. Ms. Whittington noted that the July Alliance meeting is typically the joint meeting with the Tampa Bay Area MPO/TPOs (TBARTA). She stated that this year's meeting will be a joint effort with MetroPlan Orlando, the TBARTA MPO/TPOs, the Orlando Economic Partnership and the Tampa Bay Partnerships. She said that as the meeting date nears, more details will be provided to the Alliance members so that they can plan accordingly.

## IV. Chairman's Announcements

Ms. Whittington thanked Vice-Chair elect Denys for agreeing to Chair the meeting in the absence of the Mayor Meehan. She announced that the only change to the agenda is the presenter on Item VIII (c). She noted that Ms. Annette Brennan is presenting the update to the truck park study instead of Mr. Jim Wikstrom. Ms. Whittington called attention to the informational items in the supplemental folders.

## V. Public Comment on Action Items

None

## VI. Reports

Vice-Chairman elect Denys called attention to written delegation reports which were provided for information only.

### a. Delegation Reports
- Lake-Sumter MPO Report
- MetroPlan Orlando Report
- Ocala/Marion TPO Report
- Space Coast TPO Report
- River to Sea TPO Report

b. FDOT District Reports

Ms. Laura Herrscher represented Secretary Nandem, District 1.  Ms. Herrscher reported that during the work program development cycle, District 1 programmed interstate master plans for FY 2019 for both I-75 and I-4.  She explained that this involves re-evaluating the prior PD&E studies, examining multi-modal improvements in the corridor, and adding express or special use lanes.  She noted that the segment will pick-up where efforts from Districts 5 and 7 leave off.

Secretary Steve Martin reported that District 5 currently has $3.2 billion in active construction contracts, and $1.2 billion in active grants programmed for the airports, Port Canaveral, and the Space Port over the next two years. He said that design and construction of the I-4 Ultimate project is approximately 50% complete. The anticipated completion for the project is early 2021.  Secretary Martin told Alliance members that all phases of the Wekiva Parkway project are in some form of procurement and fully funded. He stated that the Wekiva Segment 8 project is currently going through the design/build/procurement process.  He said that here have been some funding changes for the I-4 Beyond the Ultimate project, and that FDOT is moving forward with the funding of Segments 1C and 2.  Secretary Martin explained that the projects have two separate design/build/procurement, and both are fully funded.  He mentioned that FDOT continues to look for funding for the segments that run through Volusia, Seminole and Polk County.

Commissioner Constantine spoke of the importance of the Wekiva Parkway project because it will complete the beltway around Central Florida.  He complimented the design, sensitivity to the environment, aesthetics, and FDOT partnering with the Expressway Authority, Orange, Lake and Seminole Counties.  He encouraged those in attendance to look at the 3D renderings online and take the virtual drive.

Ms. Allison Stettner stated that Florida's Turnpike Enterprise partnered with Peloton in December to conduct a successful Driver Assistive Truck Platooning project that covered over 1,000 miles on the Turnpike.   She said that the project met the legislative intent of successfully completing a pilot project before full deployment of commercial truck platooning, and other technologies in the state. She added that they saw 4.5 % fuel savings in the first vehicle and 10% fuel savings in the second vehicle.  Ms. Stettner expressed that the project was extremely successful, received good press coverage, and has generated a lot of interest.  She mentioned that FTE hopes to move forward with implementing additional technologies in the near future.

VII.    Action Items

a. Approval of Previous Meeting Minutes

Action was requested for approval of the June 16, 2017 Central Florida MPO Alliance meeting minutes.

MOTION:    Commissioner Lee Constantine moved approval of the June 16, 2017 meeting minutes. Commissioner John Horan seconded the motion; which carried unanimously.

b. **Approval of the 2018 Quarterly Meeting Schedule**

Action was requested for approval of the 2018 Central Florida MPO Alliance Quarterly Meeting Schedule.

**MOTION:** Commissioner Michelle Stone moved approval of the 2018 Quarterly Meeting Schedule. Commissioner Roy Tyler seconded the motion; which carried unanimously.

c. **Election of 2018 Officers**

Ms. Virginia Whittington, MetroPlan Orlando, explained that at the last meeting in each calendar year, members of the Central Florida MPO Alliance select one of its members as Chairperson, another member as Vice-Chairperson, and a third member as Secretary. She explained that these three officers shall serve a term of one year until their successors are selected. Since the Alliance did not meet in October, the new officers will assume their duties at this meeting. A history of the Alliance officers was provided for informational purposes.

**MOTION:** Commissioner Cheryl Grieb moved to appoint the 2018 Officers: Commissioner Leslie Campione to Chairman, Commissioner Deb Denys to Vice-Chairman and Commissioner Roy Tyler to Secretary. Commissioner Lee Constantine seconded the motion; which carried unanimously.

d. **Approval of CFMPOA Priority Projects List**

Mr. Mike Woods, Lake-Sumter MPO, stated that action is requested for approval of the final Central Florida MPO Alliance (CFMPOA) Prioritized Project List. He noted that the list includes highway, trail and transit projects that are of regional significance. He explained that each respective MPO/TPO Board has approved the draft priority projects lists.

**MOTION:** Commissioner Cheryl Grieb moved approval of the CFMPOA Priority Projects List. Commissioner Lee Constantine seconded the motion; which carried unanimously.

e. **2018 CFMPOA Legislative Priorities**

Ms. Virginia Whittington, MetroPlan Orlando, provided a brief legislative update and requested that the Alliance approve the 2018 CFMPOA Legislative Priorities. The Alliance members were provided a copy of the draft priorities for review. Ms. Whittington noted that the priorities will be sent to the Legislative Delegation members upon approval.

**MOTION:** Commissioner Michelle Stone moved approval of the 2018 CFMPOA Legislative Priorities. Commissioner Cheryl Grieb seconded the motion; which carried unanimously.

## VIII.    Presentations/Discussion

### a.  CFMPOA Regional Long Range Transportation Plan (LRTP )

Mr. Mike Woods, Lake-Sumter MPO and Jennifer Musselman, Consultant Project Manager with Kittleson & Associates, presented a summary of the CFMPOA Regional Long Range Transportation Plan. Mr. Woods provided the Alliance members with copies of the draft CFMPOA Regional Long Range Transportation Plan. He explained that the current document is still undergoing edits, and the purpose of today is to preview the document and receive feedback from Alliance members. Ms. Musselman explained that there are many common themes among the MPO/TPOs, i.e., increased emphasis on bicycle/pedestrian projects, transit projects, increased emphasis on technology, operations solutions, and balancing environmental resources while keeping up with development demands. Mr. Woods and Ms. Musselman provided their contact information should the members of the Alliance have concerns or if they would like to provide further input prior to the document being finalized.

### b.  Central Florida Regional Transit Study Update

Mr. Mark Hardgrove, Project Team, provided an update on progress being made on the Central Florida Regional Transit Study. He explained that the purpose of the study was to establish base transit conditions and identify gaps; to identify existing and future funding gaps; to identify potential funding sources; to analyze existing transit supportive plans and policies; to estimate regional desire lines; to estimate transit market demand for target years 2040 and 2060; to identify strong candidate corridors for higher capacity transit; to identify the conceptual regional transit vision framework; to identify interim and long term high priority transit investments; and to develop strategies for advancing conceptual regional transit vision framework. Mr. Hardgrove stated that to date, the project advisory group has completed the following tasks: established base conditions/databases; completed assessment of MPO/TPO plans and programs; completed assessment of Transit Agency plans and programs; projected 2040 / 2060 travel desire lines between MPO/TPOs, counties and major activity centers; completed assessment of local land use plans and land development policies; and completed assessment of transit funding and presentation of potential sources. He summarized by stating that the final steps in the process will be to: present the study findings to each of the respective MPO/TPOs Technical Advisory Committees and make changes based on discussion; produce a draft report; present final regional transit vision framework to the Technical Committee; present the findings to the Boards of each of the respective MPO/TPOs (if requested); and present the final regional transit vision framework to the Alliance. He noted that a meeting with the transit agencies is also being scheduled to get their input.

Mr. Kamm, Space Coast TPO, said that the staff of the Space Coast TPO is a strong advocate of the study. He spoke of the need to have a regional transit plan in place for Central Florida. He said that he feels that the study is very timely, and that it will further enlighten and assist in the next writing of the long range transportation plans as well as local government plans (i.e.: comprehensive plans and development approvals). He stated that he feels that this study will provide the framework for the future of transit development. He reminded the Alliance members that the concept grew out of a study that was undertaken to evaluate the transportation impact of the Deseret Ranch development in Osceola County. Ms. Whittington

stated that the members of the PAG wanted to ensure that the members of the Alliance are kept informed, and that the PAG will meet again after today's meeting. She explained that the interim step between now and the April meeting, is that the consultant will come to the individual MPO/TPO meetings so that each Board is updated on the status of the study before final adoption.

c.  Truck Parking Study Update

Ms. Annette Brennan, Modal Development, FDOT District 5, provided an update on the Truck Parking Study that is currently underway. Ms. Brennan explained that the purpose of the truck parking study was to understand the current and projected truck parking supply and demand; to engage both the public and private sectors; and to identify and document truck parking challenges, opportunities, and solutions. Ms. Brennan said that construction and closure of rest areas have brought heightened awareness to the issue. She gave an overview of the approach undertaken to inventory the existing truck parking situation. FDOT utilized the 2015 Jason's Law Survey Dataset and that was supplemented by online research, review of aerial imagery, and by phone discussion with site managers. Ms. Brennan said that the study area encompassed nine counties, 49 total truck parking locations, 17 public facilities with 652 spaces, 32 privately-operated facilities with 1,288 spaces and 1,940 designated truck parking spaces. She noted that a profile was established for each individual location. Stakeholder engagement is currently ongoing, and some of the strategies that were used included public meetings, industry consultation, planning partner coordination and an online survey. She noted that the next public meeting is scheduled for February 23rd at the FDOT Urban Office. Ms. Brennan stated that FDOT is currently developing an inventory of existing truck parking and reviewing the regional freight subsystem. She stated that partner and stakeholder engagement are ongoing. FDOT will continue to evaluate the truck parking supply and demand, forecast future truck parking demands and identify needs and opportunities. She stated that FDOT wants to continue to partner together to provide a regional fix to this situation.

Commissioner Constantine agreed that the issue is a regional problem and that it is clear from today's presentation that more parking spaces are needed. He thanked FDOT for doing the study. Mr. Alex Trauger, HDR, provided more information regarding the stakeholder meeting. He stated that the project is currently going through the FDOT public involvement process and will be officially noticed in the upcoming week. He noted that the MPO/TPOs are on the stakeholder distribution list and will receive notification. He commented that the meeting is scheduled for February 23rd from 10 am until 12 noon at the FDOT Urban Office. He also added that another goal of the project is to reach the industry partners because they are the hardest to reach. Mr. Trauger added that those that live in communities adjacent to existing locations are on the distribution list. Commissioner Grieb requested that location maps be provided to MPO/TPOs prior to the meeting.

d.  Strategic Intermodal System (SIS) Additions

Mr. John Zielinski, SIS Coordinator, FDOT District 5, provided an overview of the process being used to make additions and/or changes to the Strategic Intermodal System. He explained that the main purpose of the SIS is passenger and freight movement. He added that the system has been around since 2003, and that there are three main categories to the SIS (hubs, corridors and connectors). He pointed out that the SIS is comprised of the

biggest and highest level aspects of the state's interstate, major airports, seaports, and spaceport. Mr. Zielinski explained that, by statute, the state has to spend 50% of any new discretionary highway capacity funds on the SIS; however, typically the state is only able to fund between 15-20% of the needs. A needs plan and cost feasibility study is completed every five years. District 5 receives approximately $90 million per year and about $40 million goes to I-4 because that is a top priority. He walked the Alliance members through the process of how a facility is added to the SIS List. Mr. Zielinski provided his contact information should the Alliance members have additional questions.

e. TSMO 101

Mr. Jeremy Dilmore, TSMO Coordinator, FDOT District 5, gave a presentation to the Alliance members that educated them on the Transportation Systems Management Operations (TSMO) and its emergence as a discipline in transportation planning, management and operations. He discussed where successful applications of TSMO can be deployed to improve safety, mobility and system performance. A fact sheet was provided to the Alliance members. Mr. Dilmore provided his contact information should the Alliance members have additional questions.

f. Federal Requirements for Performance Based Planning

Each MPO/TPO was asked to share where they are in the process of ensuring compliance with federal requirements for performance based planning. Mr. Mike Woods, Lake Sumter MPO, stated that the Lake Sumter MPO will have them adopted before the May deadline. Mr. Ronnie Blackshear, stated that the performance measures will be presented to the Polk TPO Board at the February 1st meeting. Mr. Mike Daniels, Ocala/Marion TPO, stated that the performance measures will be presented at the January 31st board meeting. Mr. Bob Kamm, Space Coast TPO, stated that the performance measures will be presented during their February meeting cycle. Ms. Lois Bollenbeck, River-to-Sea TPO, stated that the performance measures have already been presented to their committees and will be presented at their next regularly scheduled board meeting. Mr. Nick Lepp, MetroPlan Orlando, stated that the performance measures were presented at the January Committee meetings and February MPO Board meeting.

## IX. Information Items

a. A copy of the MPOAC 2018 Legislative Priorities and Policy Positions was provided for informational purposes.

## X. Member Comments

None.

## XI. Public Comments

None

XII.    Next meeting – April 13, 2018 at 10:00 a.m.
                        MetroPlan Orlando
                        250 S. Orange Avenue, Suite 200
                        Orlando, FL 32801

XIII.   Adjournment

There being no further discussion, the meeting adjourned at 11:15 a.m.

Respectfully  transcribed by Lisa Smith, Board Services Coordinator, MetroPlan Orlando.


Central Florida MPO Alliance


_____
Hon. Leslie Campione, Chairwoman


Attest:



_____
Lisa Smith, Board Services Coordinator


*Section 286.0105, Florida Statutes, states that if a person decides to appeal any decision made by a board, agency, or commission with respect to any matter considered at a meeting or hearing, he will need a record of the proceedings, and that, for such purpose, he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.*

TAB 3

**Regional Prioritization Initiative**
Summary of Revisions
October 2018

- Added Table of Contents
- **Page 1, Paragraph 1** - Changed "Concept" heading to "Background" and updated language to more accurately explain that the Prioritization Process has been in place and used by the Alliance since 2015.
- **Page 1, Paragraph 3** – Added language pertaining to the SUNTrails program that was established in 2015.
- **Page 2, Paragraph 3** – New paragraph calling attention to the CFMPOA's consideration of adding Transportation Systems Management & Operations (TSMO) projects and Regional Planning Studies as future categories.
- **Page 2** – Updated "The Process" and "The Timeline" to accurately reflect process and timeline currently in use.
- **Page 3** – Added new Figure 1
- **Page 3, Outcomes, Paragraph 2** – Updated language to reflect addition of SUNTrails Tiered Projects.
- **Page 4, Paragraph 1** – Added language referencing the CFMPOA's intent to further recommendations of the Regional Transit Study.
- **Page 4** – Inserted new section "Proposed Future Categories" which outlines the CFMPOA's intent to develop a program that will integrate TSMO projects and Regional Planning Studies into the Prioritization Process.

**Regional Prioritization Priorities and Process**

**October 2018**

# Table of Contents

**CENTRAL FLORIDA MPO ALLIANCE**

**Regional Prioritization Initiative**
Revised October 2018

## BACKGROUND

The Central Florida Metropolitan Planning Organization Alliance (CFMPOA) has been active as a six-MPO forum for more than a decade, meeting quarterly to address regional transportation issues and legislative items. The group has been successful in building consensus on regional transportation issues by working together to complete a variety of regional planning studies and by adopting policies that promote regional transportation decision-making. In 2013, the Alliance adopted a transportation project prioritization process to provide clear support to the Florida Department of Transportation regarding the collective priorities for the region. This process is used to create a Regional List of Project Priorities (LOPP) that respects the independent decision-making of each member-MPO while working through the CFMPOA to collectively benefit from a regional prioritization process. By working as an Alliance to prioritize appropriate regional projects, each MPO will individually benefit while also benefitting the Central Florida Region. Through a unified approach, additional funding resources can be leveraged by working as an Alliance with the Florida Department of Transportation (FDOT).

## THE PROJECT CATEGORIES

Not all transportation projects and funding categories are appropriate for a regional approach. However, three categories have emerged through the consensus-building process. Strategic Intermodal System (SIS) projects are of regional and statewide importance. Therefore SIS projects, both interstate and non-interstate projects, would be addressed by the Alliance in order to potentially leverage increased transportation resources for the region. This category would not include US highways and state roads that are funded through the FDOT's Other Arterials program.

As a result of the "Close the Gaps" initiative that began in Central Florida in 2012, and the Florida Shared-Use Non-motorized (SUNTrails) program established in 2015, Regional Trails comprise the second category of transportation projects to be prioritized by the Alliance. Through this regional approach, greater resources are leveraged by prioritizing among the five MPOs within FDOT District 5 the trail projects

that can most quickly lead to completed systems of trails that connect populations and attractions, thus resulting in eco-tourism opportunities for the region. This category includes regional, showcase trails, not sidewalks, local trails and other enhancement projects.

The third category for prioritization includes transit projects that contribute to connectivity on a regional scale. Transit projects that cross county lines and MPO boundaries could be considered for the Alliance prioritization process. Mass transit projects like SunRail and connections to the commuter rail system may be considered for regional prioritization. This category does not include localized transit projects.

The CFMPOA is currently evaluating options to integrate Transportation Systems Management and Operations (TSMO) projects and Transportation Planning projects as additional categories in the future. See "Proposed Future Categories" below.

## THE PROCESS

Each MPO adheres to an annual prioritization process to establish funding needs within individual MPO Areas. That annual process typically begins near the start of the calendar year and usually concludes in June or July of each year. September-November, the FDOT begins the process of gaming, which results in new projects entering into the FDOT's Tentative Work Program or programmed projects being advanced in the Tentative Work Program. The five District 5 MPOs working on a unified priority list will empower the FDOT to incorporate the actions of the Alliance into the new Work Program.

The process will respect each MPO's order of projects within the three aforementioned categories. The CFMPOA prioritization process will follow the order within each MPO's list while melding the five lists into one regional list. Costs, the scale of magnitude of projects and the cost-benefit factor of projects will be considered, as well as the urbanized population and visitor population served by projects. To achieve a sense of equity, efforts will be made to rotate, as feasible, among the five MPOs to ensure the development of a regional list that advances projects important to each MPO in the region.

## THE TIMELINE

In order to meet the FDOT's deadline for release of the Tentative Work Program, each MPO will individually follow its own process. Meanwhile, the CFMPOA will review and update the Regional Prioritization Priorities and Process at the April meeting. A draft list will be developed for review and comment in July. Just prior to the July meeting, the executive directors will reconvene to refine the priority list for presentation to the Alliance. Based on action by the CFMPOA, the priority list will be compared to each individual MPO's priority list to ensure consistency with individual MPO priorities. Final

action will occur in September or early-October on each individual MPO's List of Priority Projects.



*Figure 1 Prioritization Process Timeline*

Once each MPO has taken action and transmitted their LOPPs to the FDOT, the executive directors will reconvene to review actions and to make a determination if changes are needed to the CFMPOA priority list. The finalized list will be presented to the Alliance at the October meeting for ratification and the list will be formally transmitted to the FDOT. From the time of adoption of each individual MPO's LOPP until ratification by the Alliance, the executive directors will remain in communication with FDOT personnel on the pending CFMPOA priority list to ensure awareness of progress on the regional effort.

## THE OUTCOMES

Once the CFMPOA ratifies the list in October, a landmark moment occurs in Florida as an unprecedented level of regional transportation coordination is formalized. For each of the three project categories, the potential outcomes are unique. For SIS priorities, the regional list affords the Central Office of FDOT an opportunity to look at the Central Florida Region in a new manner. When examining the potential funding of mega-projects, a unified list incorporating the five MPO's and nine counties of District 5, and potentially Polk County and the Polk County TPO, will enhance the process between MPOs and the FDOT of establishing priorities and programming funds. The planned outcome is the leveraging of greater resources to the region.

In light of the changes in state and federal funding opportunities for regional trail projects, a unified list of regional trail priorities is critical to meeting the goals of the "Close the Gaps" and SUNTrail program initiatives. Leveraging additional FDOT funds is the focus of the regional trail priority list. The regional trail section includes three independent lists of trail projects identified through the Tier I and Tier II SUNTrails program, as well as a master list of regional trail projects, ordered by phases so that shovel-ready projects are top priority. This list provides District 5 with an opportunity to program funds for multiple projects and supports applications from Alliance members for Tier III SUNTrail funding. The result is intended to expedite construction of multiple trail segments that will begin closing the gaps in the regional network. This approach will catalyze an eco-tourism opportunity of national and international proportions.

Regarding regional transit projects, the CFMPOA process is focused on mass transit that has regional implications beyond localized transit services. The Alliance list is intended to coalesce efforts throughout the region into a unified approach and to further the recommendations of the Regional Transit Study completed through the CFMPOA. Rail and bus-rapid- transit projects would be the focus of the CFMPOA list, while localized transit services would remain part of each individual MPO's prioritization process. This approach will aid the FDOT in developing a regional mass transit vision for Central Florida beyond the initial phases of SunRail.

## PROPOSED FUTURE CATEGORIES

*Transportation Systems Management & Operations (TSMO)*

Innovations in information and communications technologies are leading to improvements and efficiencies in transportation which provides another category of transportation projects to be prioritized by the Alliance. Transportation Systems Management and Operations (TSMO) refers to "the application of multimodal transportation strategies and technologies intended to maximize the efficiency, safety, and utility of the existing transportation network". It includes a set of projects and strategies that use technology and real-time operational procedures. When well integrated into at the state, regional and local levels, TSMO offers a cost effective, efficient platform to significantly improve safety while at the same time enhancing the movement of people and goods, all with a positive impact on individual and national economic prosperity.

In reviewing the Regional Prioritization Priorities and Process during the 2018 update, the growing influence of advanced technologies under the Transportation Systems Management and Operations (TSM&O) program was recognized. A regional consortium of industry professionals convenes regularly in FDOT District 5 to consider these evolving technologies and to work together in advancing their deployment. In addition, CFMPOA members are developing independent TSM&O programs and masterplans to effectively implement projects. Adding a TSMO project list conveys a strong message to the FDOT on the important role that information and communication technologies will play in a 21st Century transportation system. With this, and the endorsement of the Alliance, these projects will have a competitive advantage over projects that are submitted from other regions for FDOT funds targeted for projects in this category.

In the next year, CFMPOA members intend to work together, along with FDOT staff and the consortium, to develop a program that will incorporate regional TSM&O projects into the Regional List of Priority Projects. This will require defining a "regional" project, establishing a process that incorporates independent M/TPO's and outlining the funding opportunities.

*Regional Planning Studies*

The CFMPOA also recognizes the opportunity to engage in various planning activities on a regional scale. Examples of this in recent years include the Regional Truck Parking Study, the Regional Transit Study and the development of a Regional Long Range Transportation Plan. These studies typically involve FDOT District 5 staff and outcomes that benefit from early involvement by stakeholders in the development of scopes of services and project schedules. In the coming year, members of the CFMPOA also intend to identify and develop a list of Planning Studies that will best advance the shared goals of the alliance.

TAB 4

# REGIONAL INDICATORS – 2017

A report on transportation system indicators for the Central Florida MPO Alliance

## POPULATION ↑

5000000

4500000

4000000

7.97 % increase: 2013 to 2017

4,302,280

4,644,993

2013

2017

■ CFMPOA Population

**CENTRAL FLORIDA MPO ALLIANCE**

39.7 % decrease: 2013 to 2017

12

7.3

6.7

5.7

5.3

4.4

7

2

2013     2014     2015     2016     2017
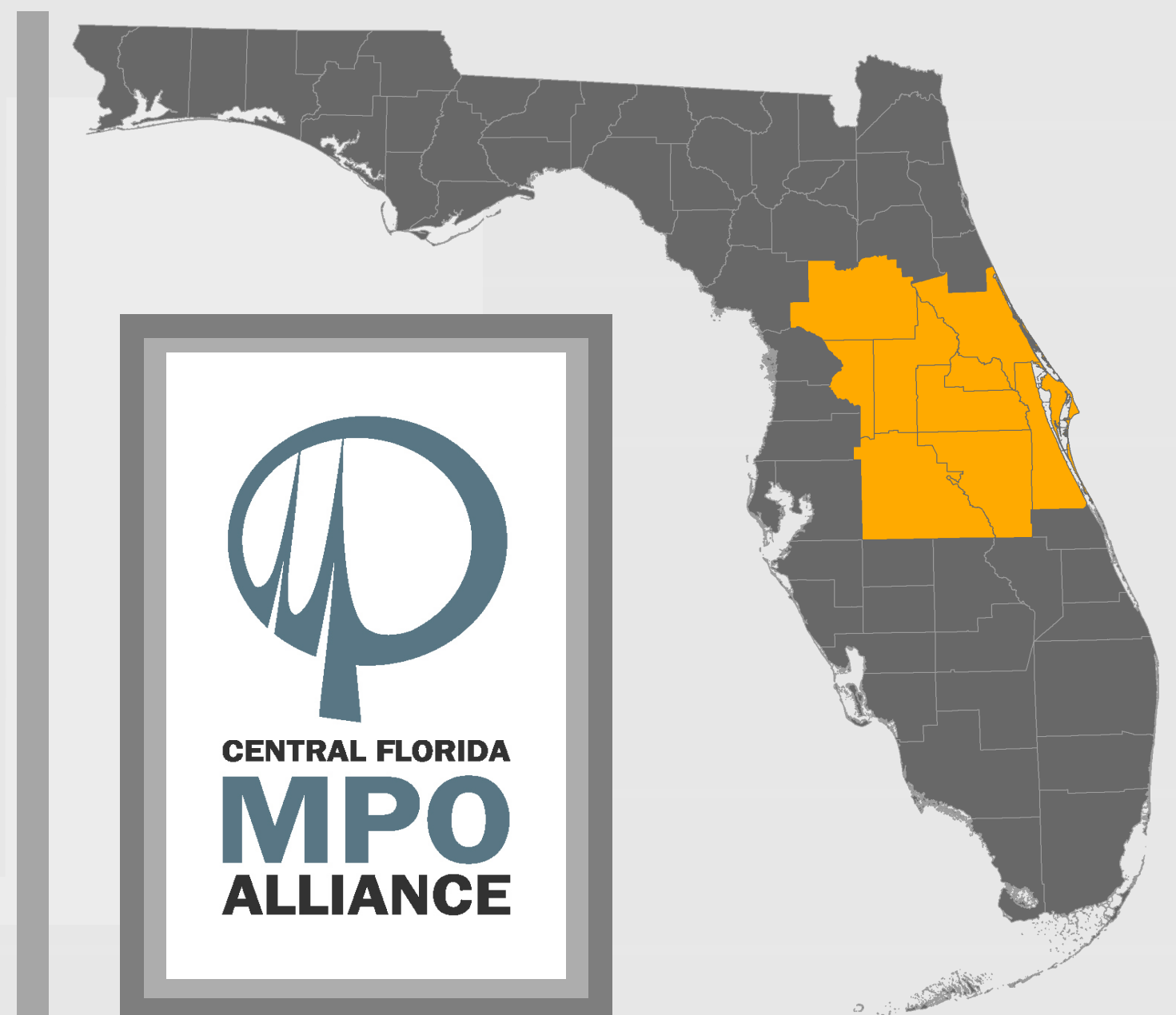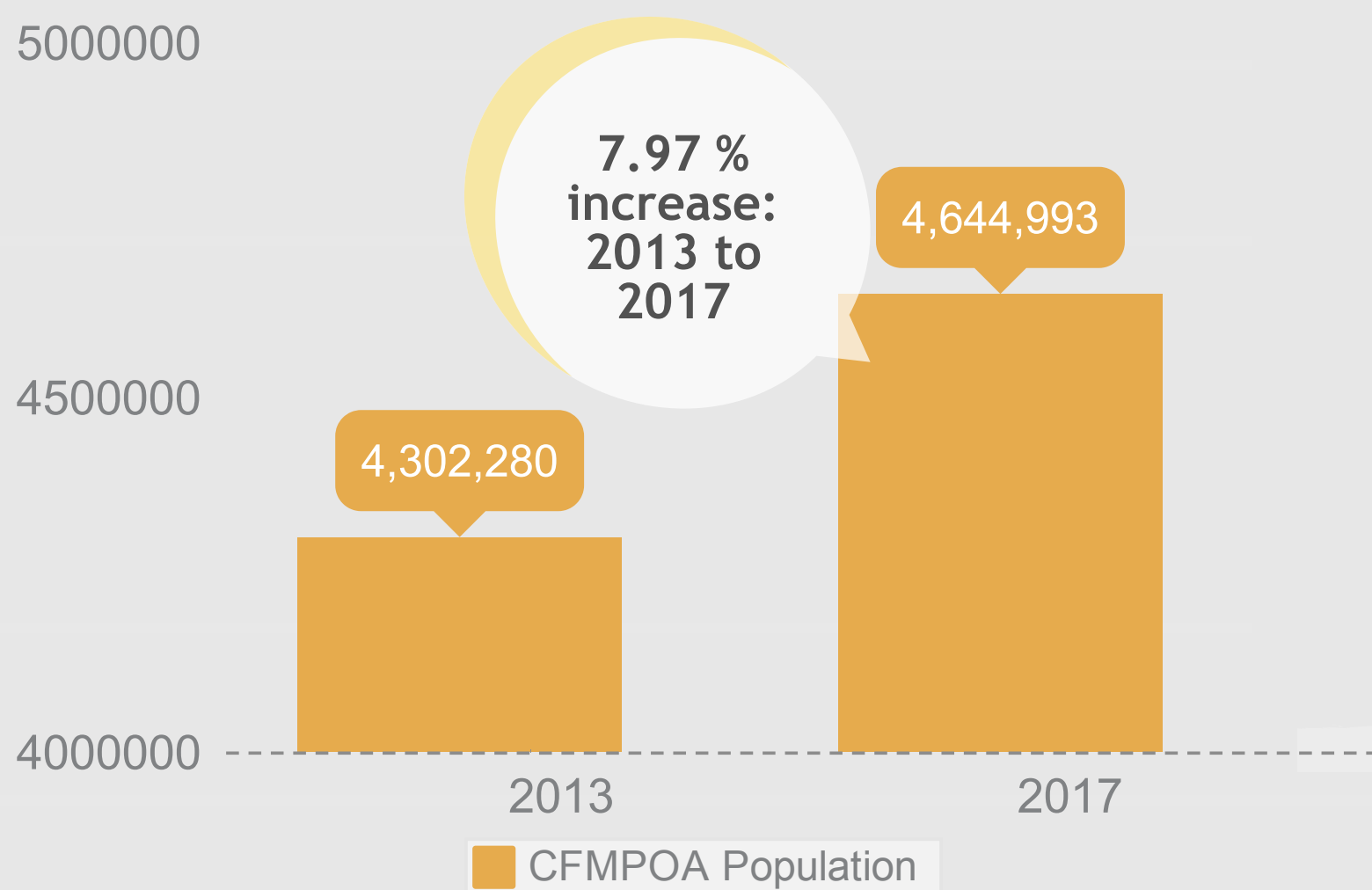
■ Unemployment Rate

## UNEMPLOYMENT RATE ↓

As the impacts of the economic recession wears off, the Central Florida MPO Alliance (CFMPOA) region saw a large decrease in unemployment rate from 2013 to 2017

## CRASH FATALITIES ↑
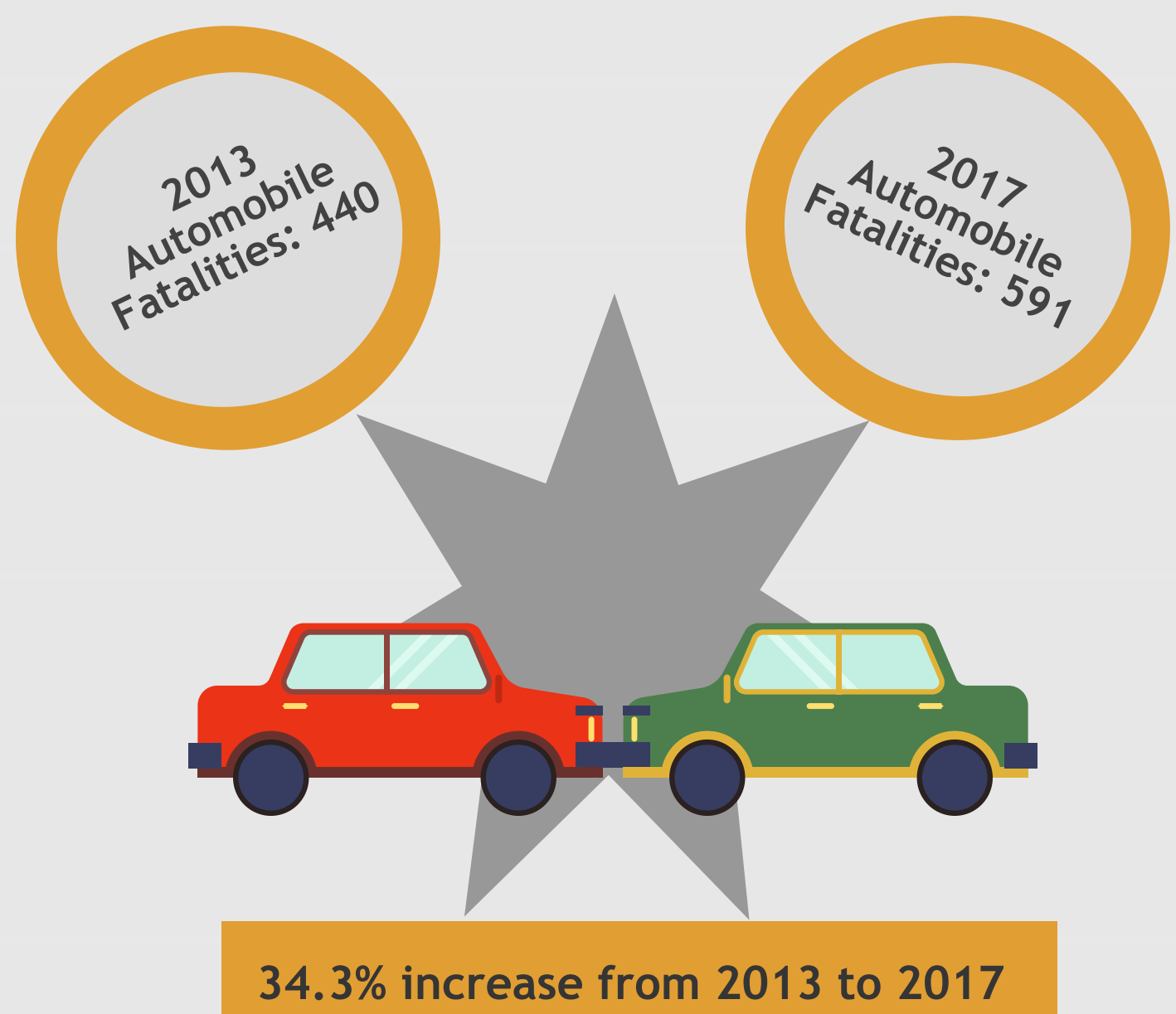
2013 Automobile Fatalities: 440

2017 Automobile Fatalities: 591

**34.3% increase from 2013 to 2017**

Data includes information for Brevard, Lake, Marion, Orange, Osceola, Seminole, Sumter, Polk & Volusia counties of Florida.

# CRASH FATALITIES

Pedestrian Fatalities
2013: 100
2017: 135

35% increase from 2013 to 2017

Bicycle Fatalities
2013: 36
2017: 30

16.6 % decrease from 2013 to 2017

# FUEL CONSUMPTION

14.5% Gasoline Consumption Increase: 2013 to 2017

18.98% Diesel Consumption Increase: 2013 to 2017

# AIR QUALITY

2017 eight hour average for CFMPOA region: 62 parts per billion

EPA Standard (October 2015) : 70 parts per billion
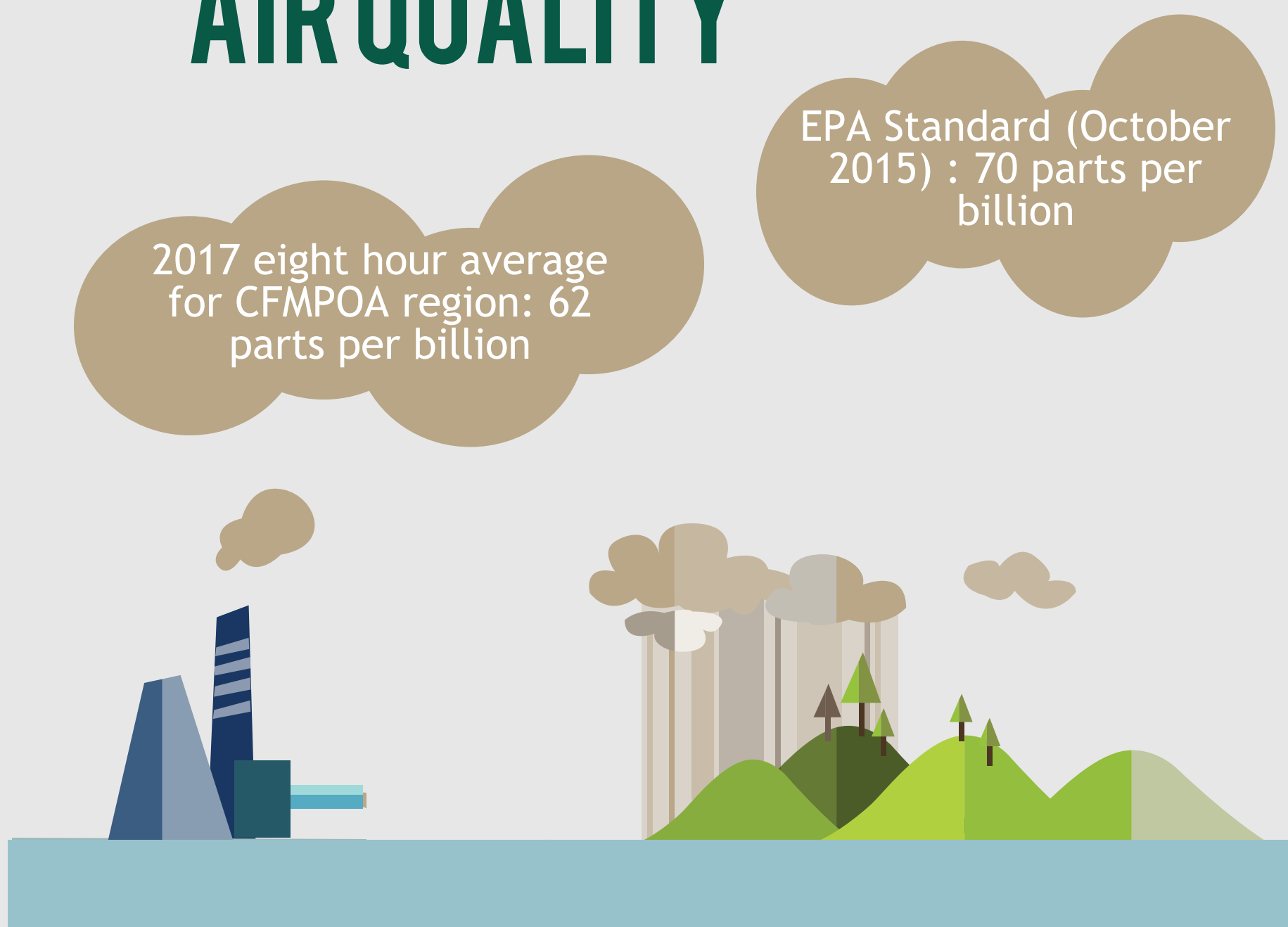
# ABOUT

The Central Florida Metropolitan Planning Organization Alliance (CFMPOA) is a coalition of transportation and government organizations committed to addressing transportation challenges on a regional basis.

Each year, the Central Florida MPO Alliance collects data from federal, state and local sources to evaluate trends affecting the region's transportation system in the nine-county region. Results are compiled in Regional Indicators: A Report on Transportation System Indicators. The latest report analyzes data through the year 2016 and includes statistics on demographics, highways, health/safety, transit, aviation, rail, sea and space port.

Data includes information for Brevard, Lake, Marion, Orange, Osceola, Seminole, Sumter, Polk & Volusia counties of Florida.

## View the complete report online at www.cfmpoa.org

Lake-Sumter MPO
Metropolitan Planning Organization

TPO
Ocala • Marion County

Polk Transportation Planning Organization

RIVER TO SEA TPO
Transportation Planning Organization
VISION - PLAN - IMPLEMENT

metroplan orlando
A REGIONAL TRANSPORTATION PARTNERSHIP

SPACE COAST TPO
TRANSPORTATION PLANNING ORGANIZATION

# CENTRAL FLORIDA
# MPO
# ALLIANCE
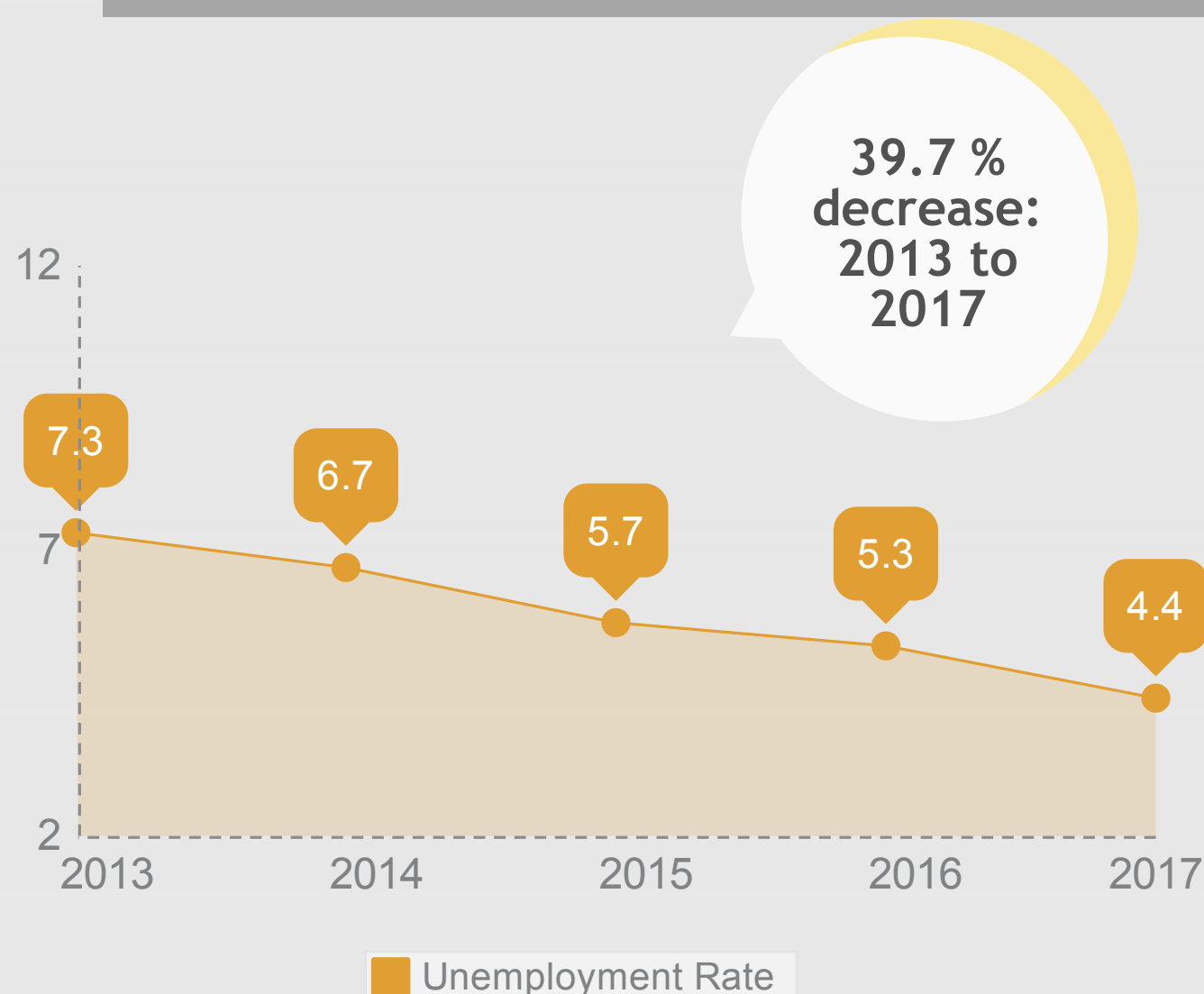
# Regional Indicators

A Report on Transportation System Indicators for the Central Florida MPO Alliance

**October 2018**

**www.cfmpoa.org**

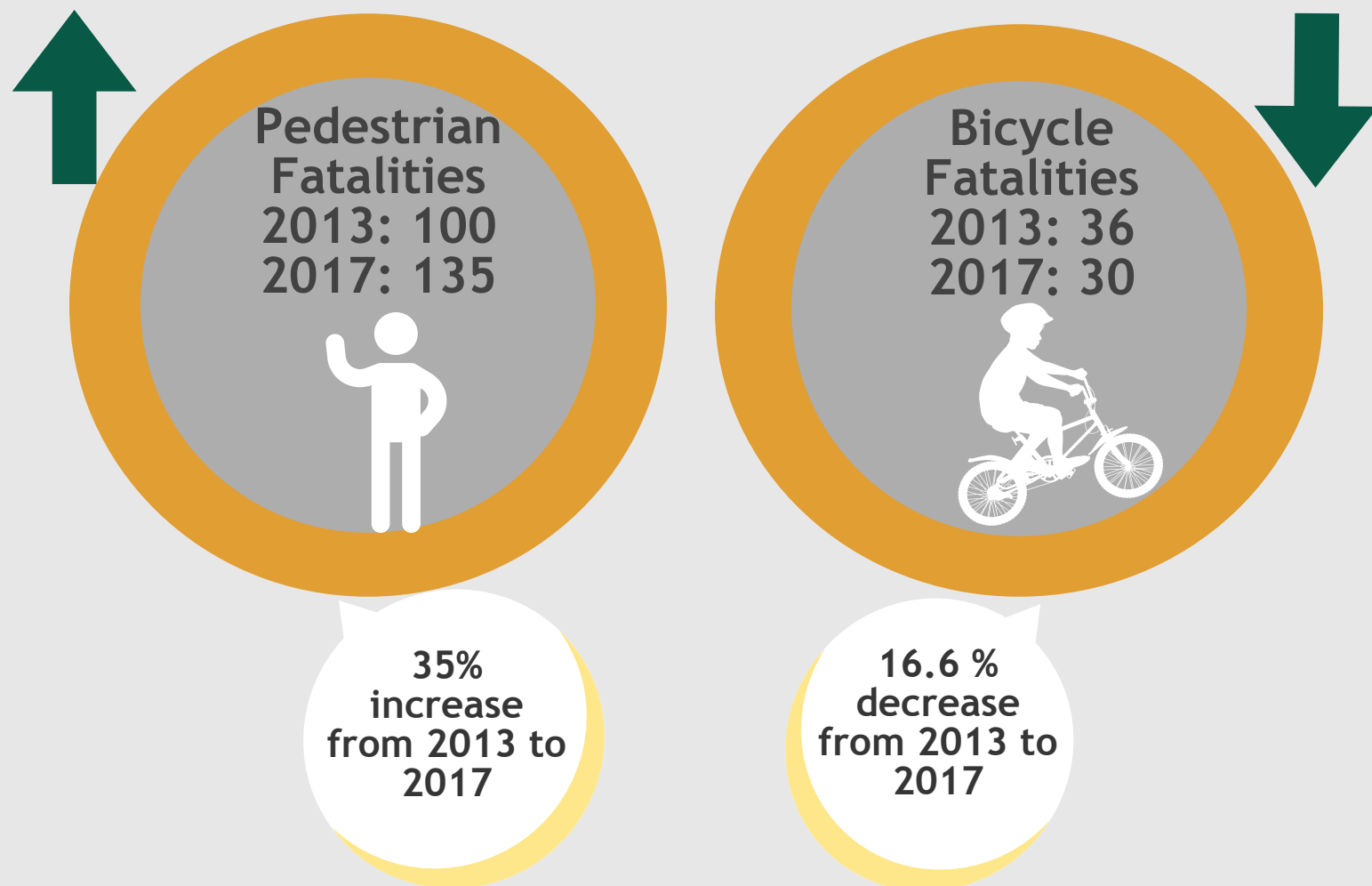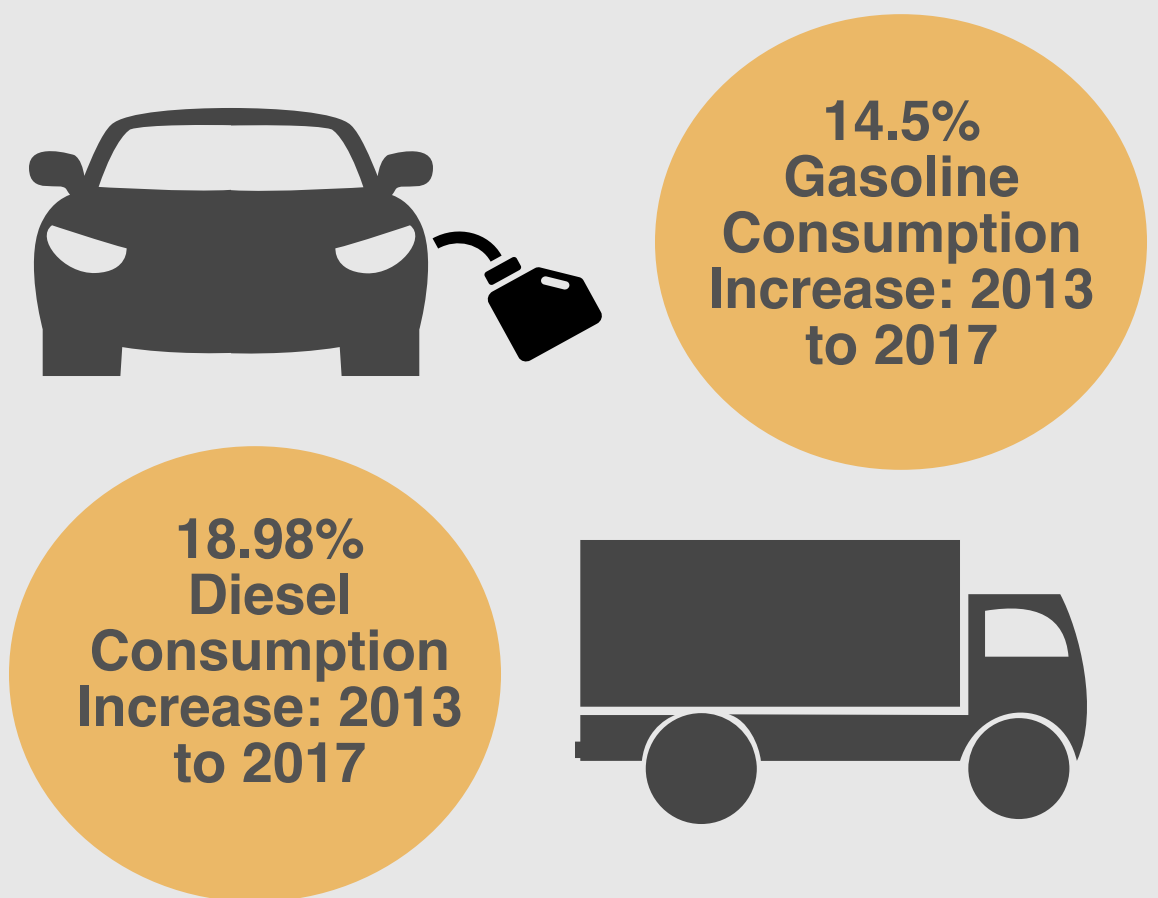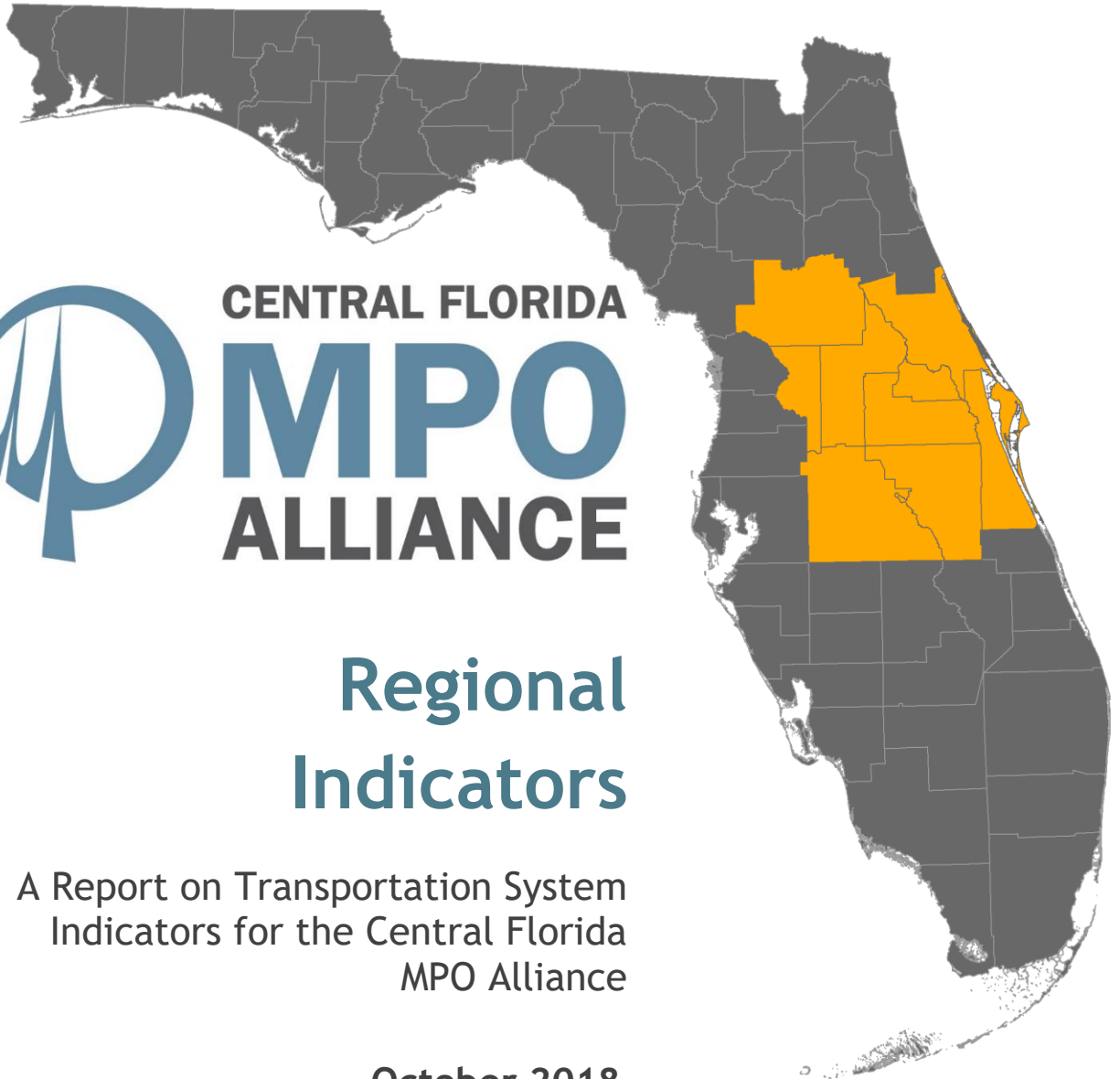# Table of Contents

# Executive Summary

Transportation is a critical part of our lives. The quality of life and the economic vitality of our communities depend on an individual's access to work, education, health services and other destinations. The condition of our roads, walkways, transit, runways, and other transportation features directly affects the well-being of our businesses, residents, and visitors alike.

The Central Florida Metropolitan Planning Organization Alliance (CFMPOA) is a coalition of Metropolitan Planning Organizations (MPOs) and Transportation Planning Organizations (TPOs) committed to addressing transportation challenges on a regional basis. The purpose of this report is to provide an overview of the transportation system within the CFMPOA region and how they are affected by conditions such as the economy, population growth, technology, travel behavior, and funding. The goal is to identify key factors and emerging trends that impact Central Florida's transportation needs.

## Methodology

This report was prepared by MetroPlan Orlando staff to establish a foundation of data to inform future policy decisions. The Regional Indicators report includes the latest data and information available at the time of publication for the various indicators used to measure transportation system activity over a five-year period. The beginning and ending years may vary for different indicators, depending on the data available.

Data was provided by several local and state agencies, including the Florida Department of Transportation, Florida's Turnpike Enterprise, and the Florida Department of Highway Safety and Motor Vehicles. Additional information was provided by Florida Department of Environmental Protection, the Florida Department of Business and Professional Regulation, and the Florida Department of Revenue.

Local agencies that provided information include the Central Florida Expressway Authority (CFX), Central Florida Regional Transportation Authority (LYNX), LakeExpress, Space Coast Area Transit, Votran, Citrus Connection, Polk County Transit Services, Sun Tran, Greater Orlando Aviation Authority, Sanford Airport Authority, Kissimmee Gateway Airport, Melbourne International Airport, and the Daytona Beach International Airport. The Federal Aviation Administration, Amtrak, the U.S. Census Bureau, the University of Florida's Bureau of Economic and Business Research, the Florida Agency for Workforce Innovation, the Texas Transportation Institute, Space Florida and the Canaveral Port Authority provided additional information.

The CFMPOA would like to express appreciation to all these agencies for their assistance. The material contained in this report may be freely quoted with appropriate acknowledgement.

## Key Findings

The 2013-2017 Regional Indicators report identifies several major trends and travel implications for the CFMPOA region. These include a growing and more diversified population; increasing visitor impact; aging infrastructure; concerns with pedestrian and bicyclist safety; and volatile revenues. This Executive Summary outlines the areas addressed in *Regional Indicators* and highlights some key findings.

### Demographics

As of 2017, the population of the CFMPOA region had grown to 4,644,993, a 2.1 percent increase over 2016. The State of Florida saw a 6.4 percent increase in population growth from 2013 to 2017, whereas, the CFMPOA region saw an approx. 8 percent increase in population during the same time period. (Chapter 1)

The CFMPOA region continues to see signs of economic recovery. Unemployment rates saw a 16.9 percent decrease from 2016 to 2017. Looking at a five year trend, the region saw a 39.7 percent decrease in unemployment rate from 2013 to 2017.

### Visitor Impact

Central Florida's major airports and seaport reported an increase in passenger counts, which reflects healthy tourism in the state. The area airports experienced an 8.2 percent increase in passenger counts from 2015 to 2016. (Chapter 5)

### Travel Trends

The region saw a 2.7 percent increase in gasoline consumption in FY 2016/17 from the previous year. This can be attributed to increase in employment levels and increase in registered vehicles. The region also saw an increase in traffic counts for all its major roads. (Chapter 2)

### Health and Safety

Safety continues to be a factor that needs improvement in our transportation system. The area continues to experience an increase in vehicular crashes. In 2017, Automobile crashes increased by 6 percent, along with a 2.63 percent increase in pedestrian injuries,  and a 5 percent increase in automobile injuries from the previous year. Bicycle injuries and fatalities saw an increase in 2017.

However, the area also has recorded some improvements in safety numbers. Pedestrian fatalities saw a decrease by 2.8 percent; and automobile fatalities remained the same.

The quality of a region's transportation system can have direct effects on air quality which in turn determines quality of health for the populace. In 2015, the federal Environmental Protection Agency (EPA), changed the standard for ozone from 75 parts per billion to 70 parts per billion averaged over any eight hour period. The 2017 eight hour three year average for the CFMPOA region is 62 parts per billion, which designates the region as in attainment for ozone. (Chapter 3)

## About Us

The Central Florida Metropolitan Planning Organization (MPO) Alliance is a coalition of transportation and government organizations committed to addressing transportation challenges on a regional basis. The group is made up of representatives from the nine-county Central Florida region.

The Alliance has a policy board of eighteen members, three from each of the six member organizations. Representatives from the Florida Department of Transportation participate as well. The group meets quarterly and operates on the basis of consensus. Staff support is provided by MetroPlan Orlando. The Central Florida MPO Alliance has established goals and is seeking to maximize all opportunities presented by a regional transportation forum.
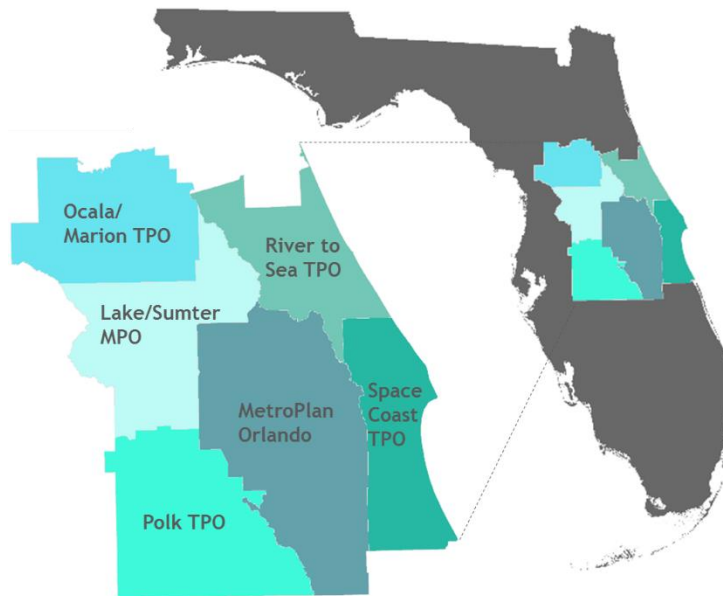
### *MPO/TPO Staff Contact Information*

**Lake-Sumter MPO**
*(Lake and Sumter Counties)*
Michael J. Woods, Executive Director
1616 South 14th Street
Leesburg, Florida 34748
(352) 315-0170
www.lakesumtermpo.com

**MetroPlan Orlando**
*(Orange, Osceola, and Seminole Counties)*
Gary Huttmann, Executive Director
250 South Orange Avenue, Suite 200
Orlando, Florida 32801
(407) 481-5672
www.metroplanorlando.com

**Ocala/Marion TPO**
*(City of Ocala and Marion County)*
Michael Daniels, Director
121 SE Watula Ave
Ocala, Florida 34471
(352) 629-8297
www.ocalamariontpo.org

**Polk TPO**
*(Polk County)*
Thomas Deardorff, Executive Director
P.O. Box 9005; Drawer TS05
Bartow, Florida 33831
(863) 534-6486
www.polktpo.com

**Space Coast TPO**
*(Brevard County)*
Georganna Gillette, Executive Director
2725 Judge Fran Jamieson Way, Bldg. B, MS 82
Viera, Florida 32940
(321) 690-6890
www.spacecoasttpo.com

**River to Sea TPO**
*(Volusia County and the Cities of Flagler Beach and Beverly Beach within Flagler County)*
Lois Bollenback, Executive Director
2570 W. International Speedway Blvd., Ste. 100
Daytona Beach, Florida 32114
(386) 226-0422
www.volusiatpo.org

# Chapter 1: Regional Profile

The Central Florida MPO Alliance, which consists of Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia Counties, has continuously grown throughout the years. Historically, the area's economy has largely been centered on the health care and social services, retail trade, and accommodations and food services sectors. The medical and high tech industries have had a strong presence in the area with employers such as Florida Hospital, Adventist Health, Orlando Health, Health First, Halifax Health, Harris Corporation, United Space Alliance, and Lockheed Martin. Other major employers include Wal-Mart and Publix Supermarkets as well as Walt Disney and Universal Studios.

## Population

The CFMPOA region saw its highest population growth between 2000 and 2007 with an average 3 percent growth per year. The economic recession slowed growth but the area is still experiencing a 1.5 to 2 percent population growth every year. This table shows population figures for the counties within the CFMPOA region from 2013 through 2017.

| Population | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|------------|---------|---------|---------|---------|---------|
| Brevard County | 547,898 | 552,176 | 561,714 | 568,701 | 575,018 |
| Lake County | 302,247 | 308,679 | 316,569 | 323,210 | 330,656 |
| Marion County | 329,442 | 331,813 | 341,205 | 340,354 | 343,957 |
| Orange County | 1,199,627 | 1,224,849 | 1,252,396 | 1,277,418 | 1,310,575 |
| Osceola County | 288,046 | 295,235 | 308,327 | 322,535 | 337,287 |
| Polk County | 610,650 | 619,860 | 633,052 | 643,966 | 658,517 |
| Seminole County | 430,916 | 436,926 | 442,903 | 449,012 | 454,635 |
| Sumter County | 96,354 | 102,724 | 115,657 | 110,283 | 112,603 |
| Volusia County | 497,100 | 501,901 | 510,494 | 515,515 | 521,745 |
| **CFMPOA Region** | **4,302,280** | **4,374,163** | **4,482,317** | **4,550,994** | **4,644,993** |

*Source:* University of Florida, *Bureau for Economic and Business Research (BEBR); excludes inmates*

### Historic Population Overview for the CFMPOA Region

This graph illustrates the 20-year population trend total for Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia Counties – the CFMPOA region.
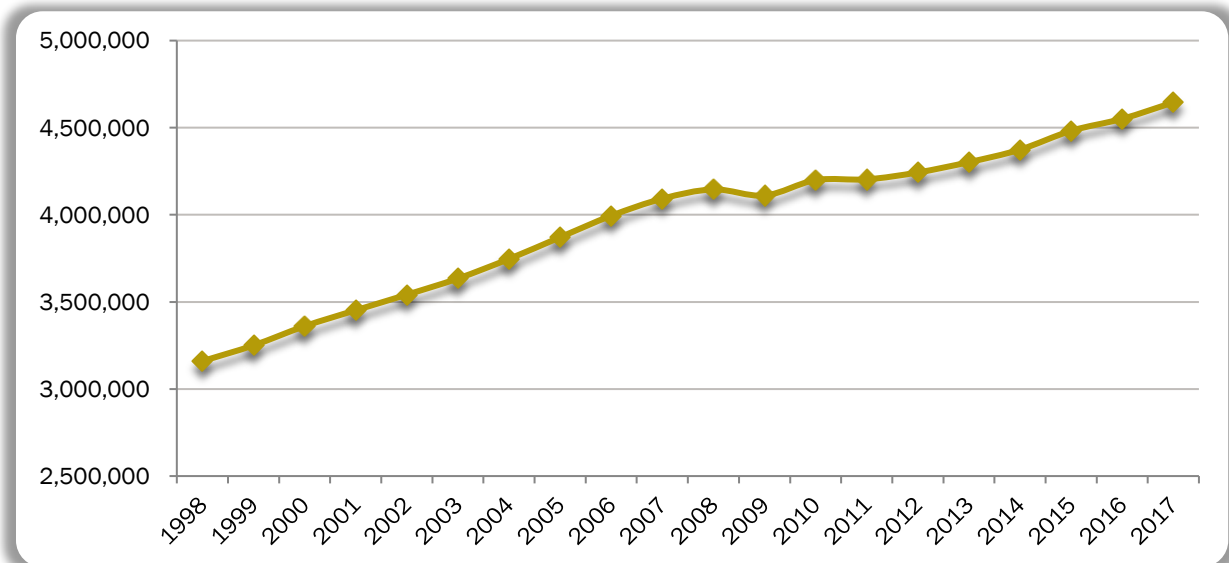


*Source:* University of Florida, *Bureau for Economic and Business Research (BEBR); excludes inmates*

## CFMPOA Area Population by Age Group

This pyramid shows the percentage of males and females by age group for the CFMPOA Area population. For both genders, the population in our area is largely young and middle-aged adults.
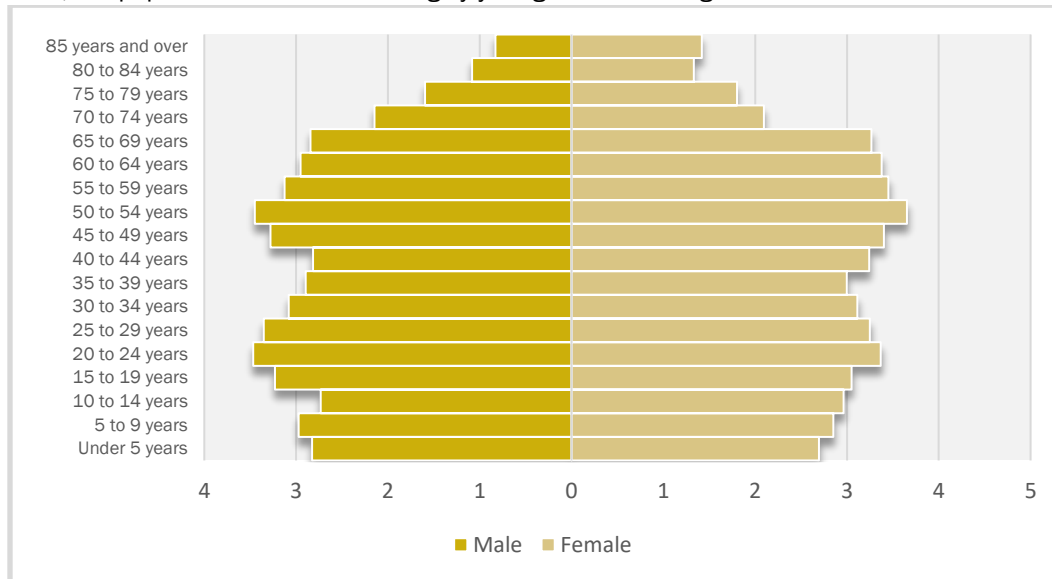


Source: U.S. Census Bureau - American Community Survey, *General Population and Housing Characteristic: 2012-2016*

## Employment Levels

Employment rates affect congestion on our roadways. In theory, the higher the employment rate, the more vehicles on the road. This increase may cause congestion and longer travel times. The following tables show the number of employed and unemployed persons living in the CFMPOA area from 2013 through 2017.

| Persons Employed | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 237,243 | 240,053 | 240,892 | 248,452 | 257,365 |
| Lake County | 125,448 | 129,577 | 132,924 | 137,432 | 144,864 |
| Marion County | 119,860 | 122,077 | 121,631 | 124,939 | 126,934 |
| Orange County | 618,183 | 637,418 | 651,088 | 674,290 | 704,715 |
| Osceola County | 136,204 | 142,484 | 148,075 | 153,357 | 162,768 |
| Polk County | 255,813 | 258,599 | 262,041 | 268,867 | 279,944 |
| Seminole County | 217,446 | 222,709 | 224,808 | 232,991 | 241,507 |
| Sumter County | 25,021 | 25,925 | 26,409 | 27,187 | 28,465 |
| Volusia County | 216,335 | 221,705 | 224,522 | 233,098 | 240,636 |
| **CFMPOA Region** | **1,951,553** | **2,000,547** | **2,032,390** | **2,100,613** | **2,187,198** |

**Source:** Florida Research and Economic Database, Local Area Employment Statistics (LAUS)

### Historic Employment Overview for the CFMPOA Region

This graph illustrates the 10-year employment trend total for the CFMPOA region.
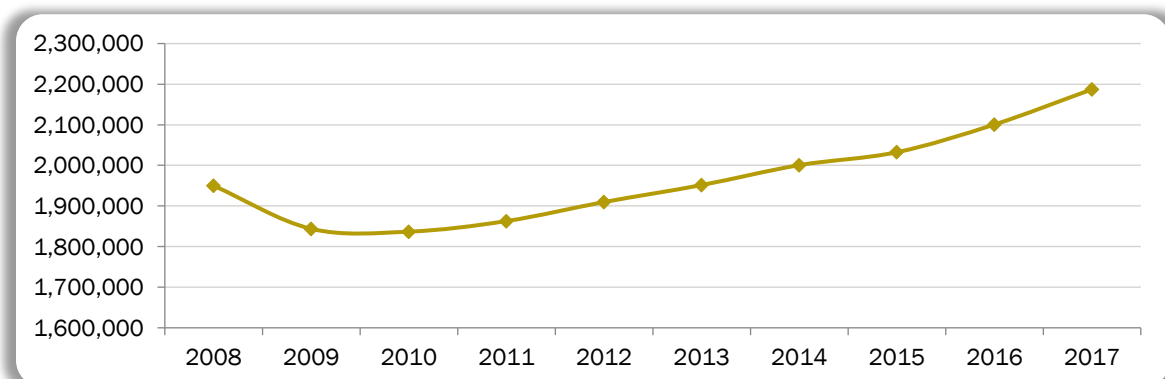
## Unemployment

As the impacts of the economic recession wear off, the CFMPOA region saw large decreases in unemployment levels. From 2013 to 2017, the region experienced a 39.7 percent decrease in the unemployment rate. This table shows the unemployment rate in the CFMPOA area from 2013 through 2017:

| Unemployment Rate | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 7.9 | 6.9 | 5.8 | 5.2 | 4.2 |
| Lake County | 7.5 | 6.4 | 5.3 | 4.9 | 4.1 |
| Marion County | 8.3 | 7.3 | 6.3 | 5.8 | 5.0 |
| Orange County | 6.8 | 5.8 | 4.9 | 4.4 | 3.6 |
| Osceola County | 7.5 | 6.7 | 5.6 | 5.0 | 4.2 |
| Polk County | 8.2 | 7.1 | 6.1 | 5.6 | 4.6 |
| Seminole County | 6.4 | 5.6 | 4.8 | 4.3 | 3.6 |
| Sumter County | 5.9 | 7.7 | 7.1 | 7.0 | 6.0 |
| Volusia County | 7.3 | 6.7 | 5.7 | 5.1 | 4.3 |
| **CFMPOA Region** | **7.3** | **6.7** | **5.7** | **5.3** | **4.4** |

Source: Florida Research and Economic Database, *Local Area Employment Statistics (LAUS)*

## Hotel / Motel Rooms

Both leisure and business/convention travel are important components of the region's economy.  As a result, there are a large number and variety of hotels and motels.  This table shows the number of hotel/motel rooms in the CFMPOA region from 2013 through 2017:

| Room Capacity | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Brevard County | 9,312 | 9,277 | 9,195 | 9,335 | 9,318 |
| Lake County | 2,995 | 2,995 | 2,731 | 2,752 | 2,613 |
| Marion County | 4,055 | 4,042 | 4,038 | 4,049 | 4,073 |
| Orange County | 86,571 | 87,662 | 87,717 | 89,333 | 90,516 |
| Osceola County | 25,115 | 24,435 | 24,155 | 24,365 | 24,453 |
| Polk County | 6,931 | 7,036 | 7,264 | 7,296 | 7,662 |
| Seminole County | 4,989 | 5,226 | 5,054 | 4,637 | 4,679 |
| Sumter County | 770 | 770 | 770 | 763 | 766 |
| Volusia County | 11,755 | 11,840 | 11,748 | 11,441 | 11,174 |
| **CFMPOA Region** | **152,493** | **153,283** | **152,672** | **153,971** | **155,254** |

*Source:* FL Department of Business and Professional Regulation, *Count of Active Licenses and Seats/Units by Type and FL County; excludes Transient/ Non-transient apartments, Bed & Breakfast and Vacation Rentals*

## Licensed Drivers

The number of licensed drivers in the area is another indicator of traffic congestion levels. This table shows how many licensed drivers were in the CFMPOA region from 2013 through 2017:

| Licensed Drivers | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 455,380 | 455,253 | 461,360 | 470,953 | 482,146 |
| Lake County | 249,442 | 248,163 | 255,122 | 265,217 | 276,107 |
| Marion County | 273,572 | 274,496 | 276,640 | 281,386 | 287,920 |
| Orange County | 893,288 | 908,946 | 928,131 | 962,251 | 997,848 |
| Osceola County | 233,733 | 237,620 | 245,503 | 258,873 | 274,531 |
| Polk County | 444,664 | 448,811 | 456,056 | 470,067 | 488,491 |
| Seminole County | 341,747 | 341,427 | 346,574 | 354,353 | 361,587 |
| Sumter County | 81,456 | 84,735 | 89,202 | 93,455 | 97,312 |
| Volusia County | 402,340 | 402,025 | 406,686 | 415,075 | 426,112 |
| **CFMPOA Region** | **3,375,622** | **3,401,476** | **3,465,274** | **3,571,630** | **3,692,054** |

*Source:* Florida Department of Highway Safety and Motor Vehicle, *Vehicle and Vessel Reports and Statistics*

## Registered Vehicles

Another indicator that can be used to measure traffic congestion is the change in the number of vehicles on the road. The following table illustrates the number of registered motor vehicles in the CFMPOA region from FY 2013 through FY 2017:

| Registered Vehicles | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 |
|---|---|---|---|---|---|
| Brevard County | 466,949 | 472,676 | 485,603 | 499,872 | 513,155 |
| Lake County | 251,548 | 256,587 | 269,025 | 281,119 | 292,073 |
| Marion County | 270,027 | 281,690 | 279,993 | 288,370 | 296,679 |
| Orange County | 1,064,468 | 1,137,457 | 1,206,787 | 1,101,998 | 1,142,581 |
| Osceola County | 211,717 | 220,068 | 234,599 | 250,928 | 263,816 |
| Polk County | 446,088 | 460,544 | 470,128 | 490,066 | 506,537 |
| Seminole County | 335,248 | 340,961 | 349,679 | 358,428 | 367,613 |
| Sumter County | 73,728 | 79,631 | 84,068 | 85,034 | 92,233 |
| Volusia County | 415,822 | 423,482 | 435,638 | 451,148 | 465,063 |
| **CFMPOA Region** | **3,535,595** | **3,673,096** | **3,815,520** | **3,806,963** | **3,939,750** |

*Source:* Florida Department of Highway Safety and Motor Vehicle, *Vehicle and Vessel Reports and Statistics*

### Historic Comparison: Licensed Drivers and Registered Vehicles for the CFMPOA Region

This graph illustrates the 10-year comparison of licensed drivers and registered vehicles for Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia Counties – the CFMPOA region.
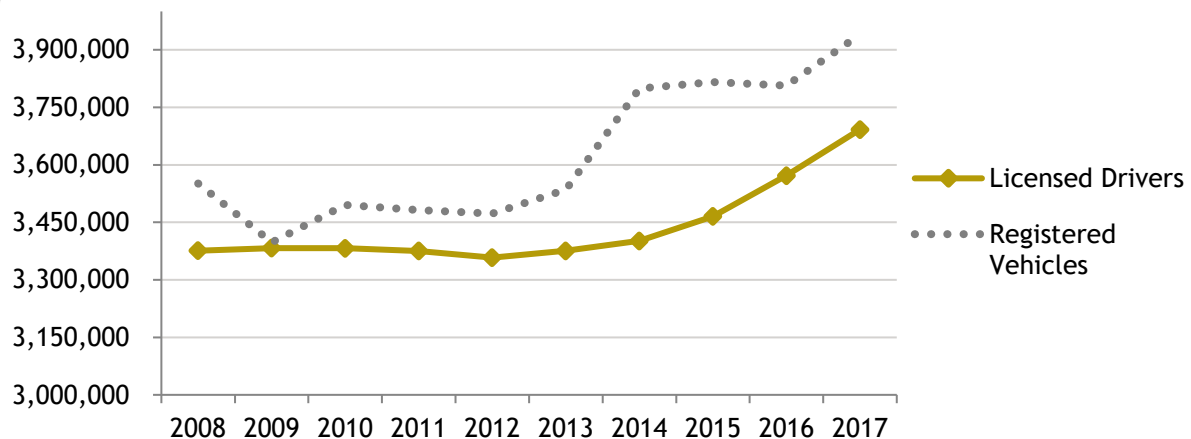


*Source:* Florida Department of Highway Safety and Motor Vehicle, *Vehicle and Vessel Reports and Statistics*

# Chapter 2: Highway Statistics

Due to the region's steady population growth and development patterns in the past few decades, the private (and in many cases the single-occupant) automobile is the predominant mode of transportation. Several factors -- including time-of-day, travel demand, and multi-year construction delays -- have led to increased congestion throughout the CFMPOA region.

## Local Road Mileage (Paved Centerline Miles)

Centerline miles represent the total length of a given road from its starting point to its end point regardless of the pavement width or number of lanes. This table shows the change in the number of miles of paved local roads in the CFMPOA region over the 2013-2017 timeframe. The numbers in the table reflect the centerline miles of paved roads, this information is collected annually from local governments by FDOT.

| Local Road Mileage | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|
| Brevard County | 2,887.1 | 2,892.3 | 2,959.4 | 2,981.9 | 2,978.9 |
| Lake County | 1,975.6 | 1,986.4 | 1,945.1 | 1,954.8 | 1,966.3 |
| Marion County | 3,028.6 | 3,049.0 | 3,051.3 | 3,149.2 | 3,155.1 |
| Orange County | 4,001.3 | 4,031.4 | 4,086.5 | 4,103.5 | 4,166.5 |
| Osceola County | 1,176.1 | 1,190.6 | 1,213.4 | 1,240.8 | 1,262.6 |
| Polk County | 3,625.3 | 3,621.9 | 3,626.5 | 3,661.4 | 3,700.1 |
| Seminole County | 1,486.0 | 1,496.4 | 1,495.7 | 1,498.3 | 1,506.7 |
| Sumter County | 827.0 | 856.5 | 907.6 | 923.1 | 966.3 |
| Volusia County | 2,868.0 | 2,866.0 | 2,902.3 | 2,855.0 | 2,866.2 |
| CFMPOA Region | 21,875.0 | 21,990.5 | 22,187.8 | 22,368.0 | 22,568.7 |

*Source:* Florida Department of Transportation, *Florida Highway Mileage Reports - City and County Roads*

## State Road Mileage (Lane Miles)

Another indicator of the change in the amount of travel for the MPOs and TPOs in the CFMPOA region is the corresponding change in roadway lane mileage. Lane miles are calculated by multiplying the centerline mileage of a road by the number of lanes it has. Lane mileage provides the total amount of mileage covered by lanes belonging to a specific road. The lane miles of state roads in Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia Counties -- from 2012 through 2016-- are shown in the tables below. These have been divided into interstate facilities (such as I-4, I-75, and I-95); toll roads (such as SR 417, SR 528, and Florida's Turnpike); and other state roads (such as SR 50, SR 46, and SR 436).

| MetroPlan Orlando | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 311.6 | 311.6 | 311.6 | 311.6 | 310.9 |
| Toll Roads | 1,090.9 | 1,113.6 | 1,114.9 | 1,122.8 | 1,124.8 |
| Other State Roads | 1,764.6 | 1,768.4 | 1,779.7 | 1,783.5 | 1,784.8 |
| Total | 3,167.1 | 3,193.6 | 3,206.2 | 3,217.9 | 3,220.5 |

| Lake-Sumter MPO | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 130.4 | 130.4 | 130.4 | 130.4 | 130.4 |
| Toll Roads | 138.6 | 138.6 | 138.6 | 138.6 | 147.0 |
| Other State Roads | 903.0 | 903.0 | 904.9 | 906.0 | 906.0 |
| Total | 1,172.0 | 1,172.0 | 1,173.9 | 1,175.0 | 1,183.4 |

| Space Coast TPO | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 355.6 | 355.6 | 384.8 | 409.9 | 436.2 |
| Toll Roads | 53.0 | 53.0 | 52.9 | 52.9 | 52.9 |
| Other State Roads | 903.0 | 902.7 | 901.9 | 901.4 | 905.3 |
| Total | 1,311.6 | 1,311.3 | 1,339.6 | 1,364.2 | 1,394.4 |

| River to Sea TPO | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 359.6 | 359.0 | 359.0 | 359.0 | 393.1 |
| Toll Roads | - | - | - | - | - |
| Other State Roads | 966.0 | 966.0 | 965.1 | 974.4 | 979.3 |
| Total | 1,325.6 | 1,325.0 | 1,324.1 | 1,333.4 | 1,372.4 |

*Note: River to Sea TPO lane mileage does not include roadway portions in Flagler Beach or Beverly Beach*

| Polk TPO | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 195.4 | 194.4 | 195.4 | 195.4 | 195.3 |
| Toll Roads | 93.9 | 92.7 | 92.7 | 92.7 | 92.7 |
| Other State Roads | 1,347.7 | 1,357.1 | 1,359.0 | 1,371.4 | 1,369.6 |
| Total | 1,637.0 | 1,644.2 | 1,647.1 | 1,659.5 | 1,657.6 |

| Ocala / Marion Co. TPO | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 229.7 | 229.7 | 229.7 | 229.7 | 229.7 |
| Toll Roads | - | - | - | - | - |
| Other State Roads | 697.4 | 697.4 | 697.4 | 697.4 | 705.0 |
| Total | 927.1 | 927.1 | 927.1 | 927.1 | 934.7 |

| CFMPOA Region Total | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Interstate | 1,581.7 | 1,580.7 | 1,610.9 | 1,636.0 | 1,695.6 |
| Toll Roads | 1,376.1 | 1,397.9 | 1,399.1 | 1,407.0 | 1,417.4 |
| Other State Roads | 6,581.7 | 6,594.6 | 6,608.0 | 6,634.1 | 6,650.0 |
| Total | 9,539.5 | 9,573.2 | 9,618.0 | 9,677.1 | 9,763.0 |

*Source:* Florida Department of Transportation, *Mileage and Travel (DVMT) Reports - State Highway System*

## Vehicle Miles Traveled

The number of vehicle miles traveled (VMT) on the highway network is an indicator that measures the growth in both the number of vehicles and the distances driven in the CFMPOA region. FDOT annually estimates the VMT for all counties in the state by multiplying the lengths of the state and local roads in the counties by the average daily trips on those roads. This table and graph illustrate the average daily VMTs in the CFMPOA region from 2013 through 2017:

| Vehicle Miles Travel | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 16,017,753 | 16,553,776 | 16,837,032 | 17,940,904 | 18,579,865 |
| Lake County | 8,008,896 | 8,751,068 | 9,220,676 | 9,609,288 | 9,964,456 |
| Marion County | 10,916,673 | 11,321,429 | 11,642,713 | 12,204,166 | 12,362,760 |
| Orange County | 34,904,854 | 36,389,540 | 37,201,259 | 39,723,296 | 41,752,084 |
| Osceola County | 8,951,705 | 10,034,811 | 10,394,277 | 10,803,720 | 10,927,880 |
| Polk County | 15,874,681 | 18,473,136 | 19,310,267 | 20,096,190 | 20,560,378 |
| Seminole County | 10,122,136 | 10,338,424 | 10,652,035 | 11,010,832 | 11,417,642 |
| Sumter County | 3,721,484 | 4,034,615 | 4,303,019 | 4,641,039 | 4,823,335 |
| Volusia County | 14,872,278 | 15,194,907 | 15,688,513 | 16,280,142 | 16,345,975 |
| **CFMPOA Region** | **123,390,460** | **131,091,706** | **135,249,791** | **142,309,577** | **146,734,375** |

*Source:* Florida Department of Transportation, *Centerline Miles and Daily Vehicle Miles Traveled Report*

## 10-Year Historic Trend - Vehicle Miles Traveled per capita

This graph illustrates the 10-year VMT per capita trend total for Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia Counties – the CFMPOA region.
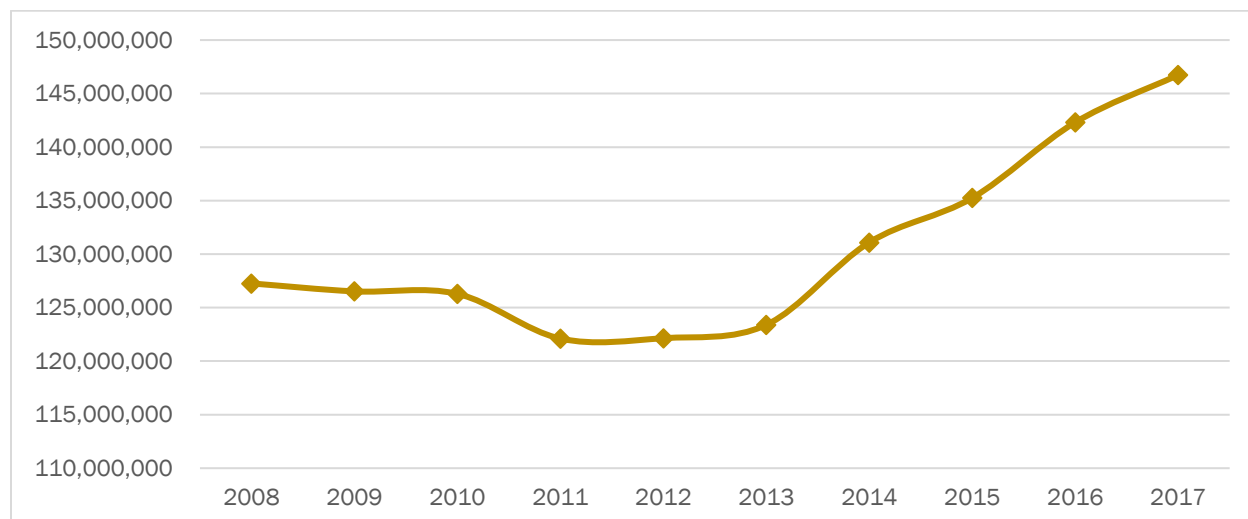


## Traffic Counts – Major Roadways

One of the main methods for measuring activity on an area's highway system is the collection of traffic counts on major roadways. More than 400 traffic counts for various locations in Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia counties are obtained each year by the Florida Department of Transportation.

The tables shown on pages 11-16 contain FDOT daily (24-hour) traffic counts averaged annually on major roadways in the region from 2013 through 2017:

| Site No. | Interstate 95 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 700134 | S of SR 514 | 35,000 | 39,614 | 40,653 | 42,764 | 45,328 |
| 700428 | S of CR 516 | 31,500 | 55,000 | 59,500 | 64,500 | 61,500 |
| 700371 | N of CR 516 | 65,000 | 67,500 | 72,000 | 81,500 | 78,000 |
| 700372 | N of SR 500 | 39,500 | 41,000 | 43,500 | 68,500 | 72,500 |
| 700415 | N of SR 518 | 7,600 | 76,500 | 81,000 | 82,500 | 87,500 |
| 700388 | S of Fiske Blvd. | 55,000 | 57,000 | 60,500 | 68,000 | 72,500 |
| 700365 | S of SR 520 | 47,500 | 49,500 | 52,500 | 73,000 | 78,000 |
| 700401 | S of SR 407 | 37,000 | 38,500 | 42,000 | 45,000 | 52,500 |
| 700363 | N of Dairy Rd. | 40,000 | 38,500 | 34,000 | 39,500 | 43,500 |
| 700436 | N of CR 5A | 26,500 | 27,000 | 36,000 | 29,000 | 29,000 |
| 790503 | S of SR 44 | 32,500 | 35,000 | 36,000 | 46,500 | 41,500 |
| 790133 | N of SR 44 | 36,601 | 37,725 | 37,006 | 40,654 | 23,265 |
| 790492 | S of I-4 | 45,000 | 46,500 | 47,500 | 49,500 | 51,500 |
| 790494 | S of LPGA Blvd. | 71,500 | 75,500 | 77,000 | 66,500 | 62,500 |
| 790534 | N of LPGA Blvd. | 70,000 | 74,000 | 77,000 | 85,000 | 87,000 |
| 790495 | S of SR 5 | 63,500 | 64,500 | 66,000 | 50,500 | 47,500 |
| 790496 | N of SR 5 | 69,500 | 70,500 | 72,500 | 66,000 | 62,000 |

| Site No. | Interstate 4 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 100104 | Btwn Orient Rd and US 30 | 113,000 | 116,000 | 119,500 | 125,000 | 129,000 |
| 160117 | NE of W. Memorial Blvd. | 81,000 | 88,500 | 98,000 | 103,500 | 104,000 |
| 160116 | NE of SR 539/Kathleen Rd | 79,000 | 87,500 | 96,500 | 102,000 | 103,000 |
| 160115 | NE of US 98 | 75,500 | 82,500 | 88,500 | 96,000 | 95,500 |
| 160114 | NE of Old Combee Rd. | 69,500 | 73,500 | 79,000 | 88,500 | 87,000 |
| 160113 | E of SR 33 | 66,000 | 73,500 | 79,000 | 86,000 | 85,000 |
| 169951 | W of SR 559 | 80,554 | 83,842 | 91,879 | 96,693 | 97,918 |
| 160108 | SW of US 27 | 75,500 | 84,500 | 84,000 | 96,500 | 101,500 |
| 160111 | NE of US 27 | 105,500 | 110,500 | 110,500 | 126,000 | 131,000 |
| 920316 | E of World Dr | 60,500 | 95,000 | 93,000 | 91,000 | 92,500 |
| 753007 | at Florida's Turnpike | 167,500 | 157,500 | 168,000 | 170,000 | 172,000 |
| 753027 | SW of SR-408 | 138,500 | 139,500 | 142,500 | 120,500 | 127,000 |
| 753051 | S of SR 50 | 143,500 | 144,500 | 147,500 | 138,500 | 145,500 |
| 753056 | SW of Princeton St. | 183,000 | 184,500 | 188,000 | 159,500 | 168,000 |
| 753074 | NE of SR 423 | 180,000 | 181,500 | 185,000 | 157,000 | 165,500 |
| 753080 | NE of SR 414 | 155,500 | 155,000 | 159,000 | 160,000 | 168,500 |
| 770267 | SW of SR 434 | 140,000 | 141,000 | 142,000 | 130,000 | 137,000 |
| 770343 | E of SR 434 | 134,202 | 136,609 | 140,994 | 143,170 | 148,000 |
| 770268 | SW of CR 46A | 123,500 | 135,500 | 139,500 | 139,500 | 146,000 |
| 770266 | E of SR 46 | 107,500 | 114,500 | 125,500 | 128,500 | 137,500 |
| 799906 | E of Enterprise Rd. | 96,379 | 99,777 | 106,507 | - | - |
| 791003 | SW of SR 472 | 88,500 | 89,500 | 92,500 | 90,000 | 92,000 |
| 790485 | NE of SR 472 | 77,000 | 78,000 | 80,500 | 71,000 | 72,500 |
| 790497 | SW of SR 44 | 60,500 | 65,500 | 71,500 | 74,500 | 77,000 |
| 790486 | NE of SR 44 | 55,000 | 56,000 | 57,000 | 58,000 | 65,500 |
| 790491 | W of I-95 | 40,000 | 41,000 | 41,500 | 42,000 | 46,000 |

| Site No. | SR 528 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 970533 | E of I-4 | 75,000 | 77,000 | 83,000 | 87,800 | 89,600 |
| 970610 | W of John Young Pkwy | 76,000 | 79,000 | 86,000 | 91,800 | 93,700 |
| 970534 | E of US 441 | 66,000 | 70,000 | 77,000 | 84,800 | 89,800 |
| 970625 | E of McCoy Rd. | 81,000 | 83,000 | 91,000 | 99,400 | 101,200 |
| 750510 | W of SR 436 | 83,500 | 81,000 | 82,500 | 62,000 | 63,500 |
| 750204 | W of Goldenrod Rd. | 65,836 | 69,626 | 77,203 | 83,454 | 89,199 |
| 750512 | E of Narcoossee Rd. | 56,500 | 59,500 | 63,500 | 70,500 | 77,500 |
| 750618 | E of SR 417 | 45,500 | 53,000 | 56,500 | 61,500 | 67,500 |
| 750336 | W of SR 520 | 39,111 | 41,418 | 45,937 | 49,504 | 51,210 |
| 970398 | E of St. Johns River | 33,000 | 41,418 | 21,000 | 46,000 | 47,000 |
| 970401 | E of I-95 | - | - | 14,200 | 33,000 | 33,000 |
| 700377 | W of US 1 | 36,000 | 40,000 | 40,000 | 40,000 | 42,500 |

| Site No. | US 192 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 110470 | E of US 27 | 43,500 | 43,500 | 52,000 | 51,000 | 56,000 |
| 920291 | W of CR 545 | 51,500 | 53,000 | 49,500 | 45,000 | 61,000 |
| 921000 | W of Orange County Line | 64,500 | 56,000 | 57,500 | 59,500 | 72,000 |
| 920311 | W of I-4 | 59,500 | 54,500 | 59,500 | 64,000 | 67,500 |
| 920313 | SE of SR 535 | 52,000 | 52,000 | 52,500 | 48,000 | 51,000 |
| 920265 | W of Hoagland Blvd. | 59,966 | 60,836 | 63,154 | 63,949 | 65,402 |
| 925015 | W of John Young Pkwy. | 42,500 | 42,500 | 43,500 | 44,500 | 43,000 |
| 925017 | E of US 441 | 44,500 | 41,000 | 44,500 | 54,000 | 48,500 |
| 927046 | SE of Boggy Creek Rd. | 26,500 | 26,500 | 27,500 | 33,000 | 34,500 |
| 920105 | NW of Neptune Rd. | 40,000 | 41,000 | 45,000 | 45,000 | 47,000 |
| 925021 | E of Vermont Ave. | 38,000 | 37,500 | 41,000 | 40,500 | 42,500 |
| 920032 | NW of CR 534 | 38,000 | 40,000 | 36,500 | 37,500 | 39,500 |
| 920302 | E of CR 532 | 17,800 | 18,100 | 18,800 | 21,000 | 22,000 |
| 700090 | W of I-95 | 6,600 | 7,000 | 8,100 | 8,800 | 9,300 |
| 700381 | E of I-95 | 28,000 | 28,000 | 30,000 | 33,500 | 35,500 |
| 700024 | W of Dairy Rd | 30,000 | 31,000 | 30,000 | 31,500 | 33,500 |
| 705205 | W of US 1 | 16,000 | 16,700 | 16,900 | 18,000 | 18,500 |

| Site No. | SR 46 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 110501 | W of Round Lake Rd. | 10,200 | 11,100 | 11,800 | 11,400 | 11,400 |
| 110001 | E of CR 437 South | 19,700 | 14,600 | 12,900 | - | - |
| 111019 | E of CR 437 North | 14,300 | 16,600 | 16,500 | 15,900 | 17,400 |
| 770074 | E of Lake Co. Line | 19,500 | 21,000 | 23,000 | 24,000 | 27,000 |
| 770287 | W of I-4 | 28,500 | 28,000 | 30,500 | 30,500 | 28,000 |
| 770288 | E of I-4 | 27,500 | 29,500 | 31,000 | 29,500 | 31,000 |
| 770103 | W of Airport Blvd. / C | 25,000 | 27,500 | 30,000 | 30,000 | 30,000 |
| 775050 | W of US 17/92 | 17,400 | 18,600 | 17,400 | 21,900 | 17,800 |
| 775041 | E of US 17/92 | 17,000 | 20,200 | 17,100 | 18,000 | 21,500 |
| 775038 | E of CR-425 | 20,600 | 21,500 | 20,700 | 24,000 | 24,500 |
| 770299 | W of St. Johns River | 10,522 | 10,628 | 11,215 | 12,392 | 12,952 |
| 770168 | E of CR 426 | 6,000 | 6,200 | 7,100 | 7,400 | 7,000 |
| 700416 | 2.5 mi. W of I-95 | 5,600 | 5,300 | 7,100 | 5,900 | 7,400 |
| 700002 | E of I-95 | 7,700 | 9,200 | 9,200 | 9,400 | 9,700 |

| Site No | Florida's Turnpike | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 972210 | SE of I-75 | 33,000 | 33,000 | 37,000 | 40,400 | 43,500 |
| 979931 | S of CR 468 | 37,893 | 39,798 | 43,427 | 45,903 | 47,836 |
| 972200 | NW of Lake Co. Line | 35,000 | 36,000 | 40,000 | 44,200 | 47,300 |
| 972160 | N of Palatlakaha River | 36,000 | 37,000 | 40,000 | 45,300 | 48,300 |
| 972006 | at Leesburg Service Plaza | 31,000 | 32,000 | 35,000 | 39,600 | 42,300 |
| 970428 | S of CR 561 | 41,962 | 44,237 | 48,649 | 51,735 | 55,230 |
| 972004 | S of SR 50 | 66,000 | 68,000 | 78,700 | 86,000 | 95,900 |
| 972003 | Btw CR 545 & Fourth St U | 57,000 | 58,000 | 67,200 | 73,600 | 81,700 |
| 972020 | Btw SR 408 & Maguire Rd | 95,000 | 97,000 | 112,000 | 127,600 | 138,300 |
| 970505 | at Turkey Lake Service P | 78,000 | 81,000 | 90,000 | 107,000 | 119,000 |
| 972015 | N of SR 528 | 71,000 | 73,000 | 83,100 | 96,100 | 103,800 |
| 972001 | N of of Osceola Pkwy. | 53,000 | 56,000 | 64,000 | 71,600 | 79,900 |
| 972000 | S of US 441 | 46,000 | 49,000 | 55,000 | 60,400 | 65,400 |
| 972110 | at Partin Settlement Rd. | 31,000 | 34,000 | 38,000 | 41,600 | 45,400 |
| 970429 | S of Neptune Rd. | 35,797 | 38,254 | 41,226 | 43,157 | 45,500 |
| 972108 | S of 3 Lakes Toll Plaza | 27,000 | 29,000 | 32,000 | 33,000 | 34,000 |

| Site No. | SR 50 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 180204 | at CR 478A | 5,300 | 5,200 | 5,700 | 6,000 | 6,100 |
| 180021 | W of SR 471 | 5,600 | 5,800 | 6,100 | 6,500 | 6,500 |
| 180017 | W of Lake Co. Line | 7,300 | 7,200 | 8,200 | 7,900 | 9,400 |
| 110319 | W of CR 565 | 19,000 | 11,500 | 23,500 | 11,900 | 14,000 |
| 110241 | E of CR 565 | 19,000 | 19,100 | 22,000 | 22,000 | 23,000 |
| 115076 | E of SR 19 | 11,500 | 8,200 | 12,000 | 14,000 | 14,000 |
| 115134 | W of CR 565A | 22,000 | 23,500 | 27,500 | 24,500 | 26,500 |
| 110396 | W of CR 561 | 23,500 | 23,000 | 27,000 | 27,000 | 29,000 |
| 115057 | E of CR 561 | 25,500 | 27,500 | 34,000 | 32,500 | 40,000 |
| 115050 | W of US 27 | 27,500 | 40,000 | 40,500 | 44,500 | 46,500 |
| 110300 | E of Hancock Rd. | 54,000 | 51,500 | 60,500 | 61,500 | 64,000 |
| 750572 | E of Lake Co. Line | 42,000 | 43,500 | 48,500 | 54,000 | 56,000 |
| 750038 | E of CR 545 | 32,618 | 33,993 | 35,543 | 36,838 | 38,668 |
| 750304 | E of Bluford Ave | 36,000 | 35,500 | 37,500 | 38,500 | 39,500 |
| 750354 | E of Powers Dr. | 36,500 | 38,500 | 41,500 | 44,500 | 42,500 |
| 755174 | E of John Young Pkwy. | 32,000 | 31,500 | 36,500 | 35,000 | 36,000 |
| 755162 | E of US 441 | 35,500 | 35,500 | 35,000 | 38,000 | 39,000 |
| 750546 | W of US 17/92 | 45,500 | 48,000 | 31,000 | 33,000 | 44,500 |
| 750444 | W of SR 436 | 60,500 | 62,500 | 64,500 | 67,000 | 68,000 |
| 750226 | E of SR 436 | 50,000 | 49,500 | 54,000 | 58,000 | 50,500 |
| 750037 | E of Goldenrod Rd. | 49,500 | 48,500 | 52,000 | 49,500 | 50,500 |
| 750115 | E of Dean Rd. | 47,500 | 48,000 | 49,000 | 50,000 | 50,500 |
| 750605 | E of Alafaya Tr. | 49,500 | 49,500 | 50,500 | 51,500 | 50,000 |
| 750104 | W of SR 520 | 25,276 | 25,371 | 25,802 | 26,505 | 28,204 |
| 700383 | W of I-95 | 10,200 | 10,300 | 10,300 | 10,800 | 11,400 |
| 700373 | E of I-95 | 20,000 | 20,100 | 21,500 | 22,000 | 24,000 |
| 705137 | W of US 1 | 14,200 | 13,400 | 14,000 | 14,500 | 16,200 |

| Site No. | Interstate 75 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 180208 | S of CR 476B | 36,000 | 36,500 | 38,500 | 41,500 | 44,500 |
| 180194 | S of SR 48 | 35,000 | 36,000 | 38,000 | 41,000 | 44,000 |
| 189920 | S of Florida's Turnpike | 40,900 | 42,323 | 44,301 | 46,500 | 49,000 |
| 180186 | S of SR 44 | 60,000 | 61,500 | 67,000 | 68,000 | 73,500 |
| 180188 | N of SR 44 | 64,000 | 66,500 | 75,500 | 72,500 | 78,000 |
| 360317 | N of Williams Rd. | 77,544 | 80,753 | 87,000 | 90,745 | 94,509 |
| 360440 | S of SR 40 | 69,000 | 65,000 | 59,000 | 74,500 | 78,500 |
| 360439 | S of US 27 | 63,500 | 69,000 | 69,500 | 88,500 | 75,000 |
| 360438 | N of US 27 | 61,500 | 62,500 | 65,500 | 68,000 | 76,000 |
| 360437 | N of SR 326 | 52,500 | 50,500 | 47,500 | 50,500 | 56,500 |
| 360436 | N of CR 318 | 60,500 | 56,000 | 51,500 | 54,500 | 57,000 |

| Site no. | US 17 / 92 | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|---|
| 160026 | E of CR 555 | 28,000 | 28,500 | 30,000 | 33,000 | 32,500 |
| 165062 | N of CR 557 | 16,300 | 16,700 | 18,800 | 19,000 | 20,000 |
| 160035 | W of Kentucky Ave. | 19,800 | 20,500 | 22,000 | 23,000 | 25,000 |
| 165056 | W of 9th St. (Haines City) | 22,000 | 23,000 | 25,000 | 25,500 | 25,500 |
| 165059 | N of CR 580/Johnson Ave. | 11,600 | 11,800 | 13,300 | 14,700 | 14,700 |
| 160043 | SW of CR 547 | 9,800 | 10,000 | 11,500 | 12,200 | 12,900 |
| 160125 | NE of CR 54 | 7,400 | 7,600 | 9,100 | 9,700 | 11,700 |
| 921002 | W CR-531 | 27,000 | 28,500 | 27,500 | 29,000 | 29,000 |
| 920003 | S of Emmett St. | 54,000 | 54,500 | 53,500 | 49,000 | 51,500 |
| 755051 | N of SR 50 | 25,500 | 26,000 | 28,500 | 31,500 | 29,500 |
| 755058 | S of Orange Ave. | 26,000 | 26,000 | 26,000 | 26,500 | 27,500 |
| 755061 | S of Lee Rd. | 29,500 | 31,500 | 29,000 | 33,000 | 32,500 |
| 755129 | N of CR-438A | 52,000 | 51,500 | 46,500 | 49,000 | 50,500 |
| 750446 | S of SR414 | 30,500 | 29,000 | 30,500 | 33,000 | 34,500 |
| 770018 | NE of Orange Co. Line | 47,500 | 24,500 | 28,500 | 26,500 | 29,000 |
| 770152 | N of SR 436 | 50,500 | 50,000 | 46,000 | 54,500 | 56,500 |
| 770273 | NE of SR 434 | 37,000 | 36,500 | 37,500 | 35,000 | 37,500 |
| 770009 | N of Gen Hutchinson Pkwy | 31,000 | 32,000 | 30,500 | 32,000 | 33,000 |
| 770104 | S of Lake Mary Blvd. | 36,500 | 34,500 | 37,000 | 35,500 | 36,500 |
| 775057 | N of SR 46 | 26,000 | 28,000 | 29,000 | 27,500 | 27,500 |
| 770245 | SW of SR 46 | 23,000 | 23,000 | 26,000 | 25,000 | 24,000 |
| 790101 | S of Dirksen Rd. | 23,000 | 24,000 | 23,000 | 28,500 | 28,000 |
| 790509 | S of Saxon Blvd. | 26,000 | 25,500 | 27,500 | 30,500 | 29,500 |
| 795165 | S of Graves Ave. | 29,000 | 27,500 | 28,500 | 31,000 | 32,000 |
| 790445 | S of New York Ave. | 27,000 | 25,000 | 28,000 | 29,000 | 30,000 |
| 791004 | N of Golf Club Dr. | 45,000 | 42,000 | 44,000 | 47,000 | 47,500 |
| 791006 | N of SR 15A/Taylor Rd. | 27,000 | 27,500 | 23,500 | 33,500 | 30,000 |
| 795173 | N of Beresford Ave. | 16,000 | 16,400 | 17,000 | 16,300 | 18,500 |
| 795004 | S of SR 44/New York Ave. | 16,300 | 14,800 | 15,400 | 17,200 | 17,800 |
| 795008 | N of SR 44 | 16,300 | 15,500 | 16,100 | 18,200 | 16,200 |
| 790066 | S of US-92 | 20,500 | 21,000 | 22,000 | 23,000 | 21,500 |

*Source:* Florida Department of Transportation, *AADT Report*
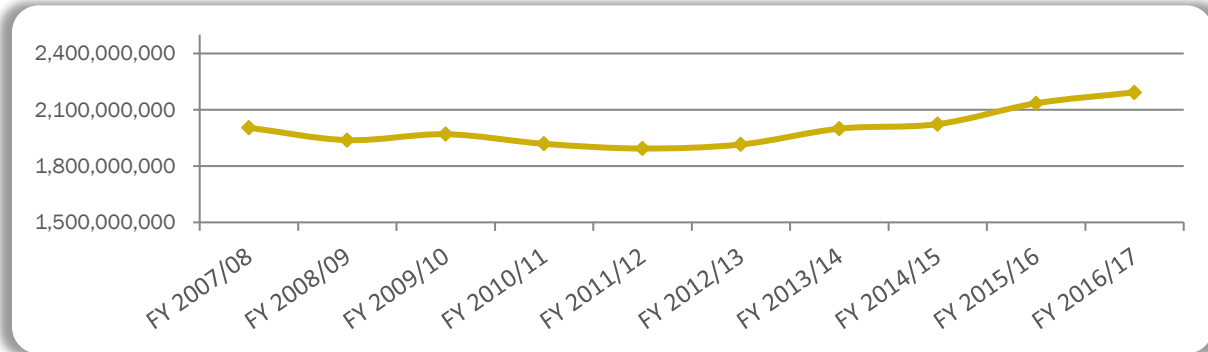
## Gasoline Consumption

Consumption of gasoline over a period of years indicates changes in the number of vehicles and amount of travel in the CFMPOA area. The region saw a 2.7 percent increase in gasoline consumption in FY 2016/17 from the previous year which can be attributed to increase in employment levels. This table illustrates gallons of gasoline sold in the region from FY 2012/13 to FY 2016/17.

| Gasoline Consum | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Brevard County | 234,444,633 | 233,120,449 | 235,247,029 | 251,459,738 | 259,014,856 |
| Lake County | 126,627,485 | 130,199,651 | 133,890,649 | 141,213,679 | 143,875,036 |
| Marion County | 156,241,806 | 155,830,142 | 161,957,536 | 169,321,038 | 173,252,447 |
| Orange County | 572,347,179 | 621,851,038 | 621,699,131 | 653,000,134 | 675,785,007 |
| Osceola County | 167,794,447 | 179,291,995 | 170,377,880 | 180,641,481 | 179,475,330 |
| Polk County | 219,855,408 | 226,832,841 | 239,816,327 | 254,537,450 | 262,550,929 |
| Seminole County | 181,886,180 | 191,391,290 | 193,198,662 | 200,694,346 | 206,503,106 |
| Sumter County | 50,751,770 | 55,216,199 | 56,585,931 | 58,166,338 | 60,267,062 |
| Volusia County | 205,172,217 | 205,432,394 | 210,816,087 | 225,353,143 | 232,104,685 |
| CFMPOA Region | 1,915,121,126 | 1,999,165,997 | 2,023,589,232 | 2,134,387,347 | 2,192,828,458 |

*Source:* Florida Department of Revenue, *Fuel Tax Distributions*

### *10-Year Historic Trend – Gasoline Consumption*

This graph illustrates the 10-year gasoline consumption trend total for Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia counties – the CFMPOA region.



## Average Monthly Gasoline Price per Gallon

One factor that influences the amount of gasoline consumed is the price per gallon. The average monthly price per gallon for regular gasoline in the CFMPOA region from 2015 through 2017 is shown in the following chart.
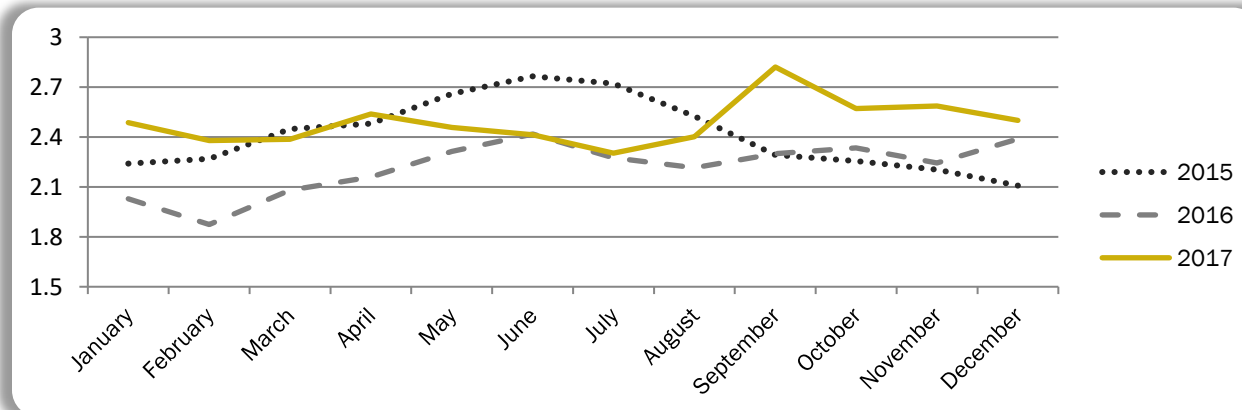


*Source:* U.S. Energy Information Administration, *Florida Regular Gasoline Retail Prices Report*
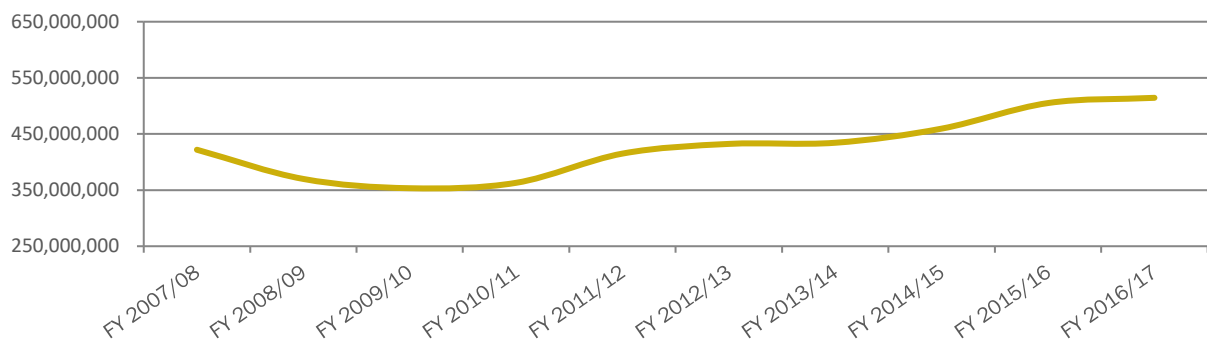
## Diesel Fuel Consumption

Consumption of diesel fuel over a period of years also indicates change in the number of vehicles, particularly commercial trucks, in the CFMPOA area. This chart shows the number of gallons of diesel fuel sold in the region from FY 2012/13 through FY 2016/17.

| Diesel Consumpt | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Brevard County | 115,596,498 | 111,698,276 | 127,886,050 | 149,535,894 | 137,871,185 |
| Lake County | 15,600,579 | 15,833,882 | 16,542,996 | 18,104,430 | 18,547,909 |
| Marion County | 41,169,572 | 42,119,505 | 42,060,748 | 44,111,646 | 48,381,187 |
| Orange County | 102,650,906 | 103,983,715 | 108,004,822 | 116,379,544 | 121,846,733 |
| Osceola County | 13,954,837 | 14,233,961 | 14,685,140 | 16,202,994 | 16,947,563 |
| Polk County | 72,678,849 | 73,987,241 | 75,871,564 | 81,121,556 | 86,266,326 |
| Seminole County | 17,544,973 | 17,990,174 | 19,045,947 | 20,694,739 | 21,504,735 |
| Sumter County | 28,734,437 | 29,731,608 | 29,539,087 | 30,483,600 | 33,432,524 |
| Volusia County | 24,369,617 | 24,776,091 | 25,903,870 | 28,446,906 | 29,592,017 |
| **CFMPOA Region** | **432,300,267** | **434,354,453** | **459,540,225** | **505,081,309** | **514,390,179** |

*Source:* Florida Department of Agriculture and Consumer Services, *Florida Motor Gasoline & Diesel Fuel Reports*

### *10-Year Historic Trend – Diesel Consumption*

This graph illustrates the 10-year diesel consumption trend total for Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia counties – the CFMPOA region.



### *Average Monthly Diesel Price per Gallon*

One factor that influences the amount of diesel fuel consumed is the price per gallon. The average monthly price per gallon for diesel in the CFMPOA region from 2015 through 2017 is shown in the following chart.
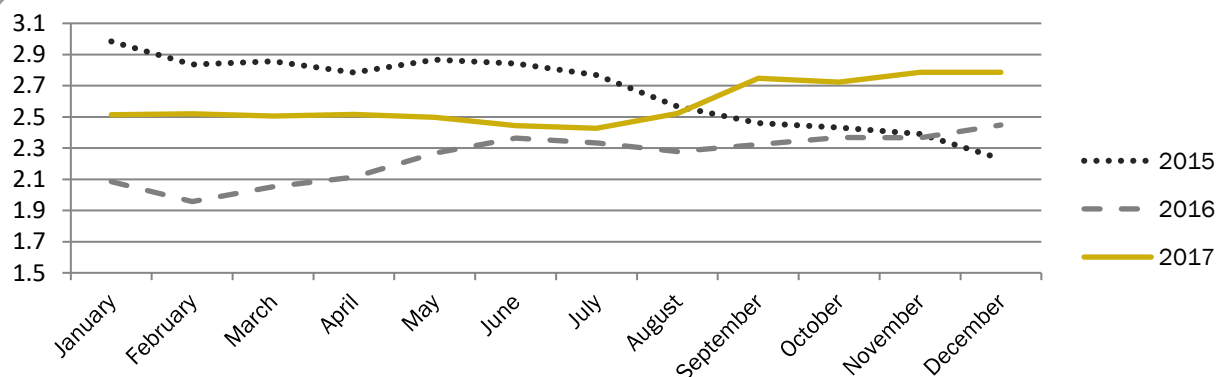


*Source:* U.S. Energy Information Administration, *Lower Atlantic Diesel Retail Prices Report*

# Chapter 3: Health and Safety Statistics

Land-use planning, including transportation decisions, affects human health by influencing a wide range of environmental, physical, and social factors. Although the positive effects of mobility on health are substantial, the negative effects are also profound and costly. This chapter analyzes the safety statistics for motorists, pedestrians, and cyclists along with the $CO_2$ emissions produced by our transportation network.

## Automobile Safety Statistics

In 2009, MetroPlan Orlando developed an online Geographic Information System (GIS) based crash database to provide its regional partners with an accessible crash analysis and reporting tool. This tool provides current crash and streets data, and it is being used by several law enforcement, traffic engineering, transportation planning agencies, and research institutions across the state. These tables show changes in the total number of auto occupant crashes, injuries and fatalities for each of the nine counties from 2013 through 2017.

| Automobile Crash | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 7,375 | 7,892 | 8,671 | 8,953 | 9,290 |
| Lake County | 3,912 | 4,257 | 4,343 | 4,545 | 4,839 |
| Marion County | 4,286 | 4,886 | 5,559 | 6,059 | 6,571 |
| Orange County | 27,469 | 32,878 | 32,983 | 31,005 | 31,601 |
| Osceola County | 3,916 | 4,533 | 5,748 | 7,637 | 7,949 |
| Polk County | 12,381 | 14,162 | 14,283 | 14,421 | 16,395 |
| Seminole County | 10,405 | 11,426 | 12,401 | 12,341 | 13,567 |
| Sumter County | 724 | 1,102 | 1,101 | 1,162 | 1,442 |
| Volusia County | 7,636 | 8,137 | 8,513 | 8,754 | 9,264 |
| **CFMPOA Total** | **78,104** | **89,273** | **93,602** | **94,877** | **100,918** |

| Automobile Injury | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 4,670 | 5,000 | 5,832 | 6,264 | 6,118 |
| Lake County | 2,390 | 2,480 | 3,012 | 3,293 | 3,459 |
| Marion County | 2,930 | 3,386 | 3,800 | 3,946 | 4,824 |
| Orange County | 15,251 | 17,037 | 18,881 | 19,520 | 20,080 |
| Osceola County | 3,068 | 3,680 | 5,256 | 5,002 | 5,192 |
| Polk County | 5,440 | 6,447 | 6,879 | 6,480 | 7,045 |
| Seminole County | 3,706 | 4,121 | 4,441 | 4,361 | 4,345 |
| Sumter County | 491 | 732 | 799 | 889 | 935 |
| Volusia County | 4,734 | 4,753 | 5,309 | 5,410 | 5,981 |
| **CFMPOA Total** | **42,680** | **47,636** | **54,209** | **55,165** | **57,979** |

*Source:* Florida Department of Highway Safety and Motor Vehicles & MetroPlan Orlando Web-Based Crash Database; includes only Long form crashes

| Automobile Fatality | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 55 | 43 | 67 | 76 | 71 |
| Lake County | 36 | 30 | 46 | 43 | 41 |
| Marion County | 39 | 46 | 56 | 56 | 69 |
| Orange County | 85 | 99 | 100 | 119 | 124 |
| Osceola County | 35 | 32 | 35 | 33 | 38 |
| Polk County | 78 | 90 | 93 | 112 | 94 |
| Seminole County | 29 | 26 | 35 | 32 | 33 |
| Sumter County | 14 | 19 | 15 | 18 | 22 |
| Volusia County | 69 | 63 | 72 | 102 | 99 |
| CFMPOA Total | 440 | 448 | 519 | 591 | 591 |

*Source:* Florida Department of Highway Safety and Motor Vehicles & MetroPlan Orlando Web-Based Crash Database

## Pedestrian Safety Statistics

Pedestrian safety affects the entire community; the young and old, men and women- at all times of the day and night. Many unnecessary injuries and fatalities occur because of intoxication or inattentiveness by both drivers and pedestrians. These tables show the changes in the total number of bicyclist and pedestrian injuries and fatalities from 2013 through 2017 as compiled by the Florida Department of Highway Safety and Motor Vehicles and MetroPlan's Web-Based Crash database for the CFMPOA region.

| Pedestrian Injury | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 150 | 112 | 105 | 105 | 112 |
| Lake County | 62 | 49 | 57 | 44 | 59 |
| Marion County | 95 | 74 | 89 | 79 | 109 |
| Orange County | 533 | 577 | 538 | 521 | 520 |
| Osceola County | 84 | 79 | 104 | 106 | 63 |
| Polk County | 153 | 196 | 144 | 133 | 137 |
| Seminole County | 111 | 103 | 106 | 79 | 109 |
| Sumter County | 14 | 15 | 19 | 19 | 19 |
| Volusia County | 228 | 203 | 188 | 207 | 199 |
| CFMPOA Total | 1,430 | 1,408 | 1,350 | 1,293 | 1,327 |

| Pedestrian Fatality | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 12 | 16 | 11 | 21 | 10 |
| Lake County | 3 | 7 | 11 | 8 | 5 |
| Marion County | 6 | 8 | 11 | 13 | 12 |
| Orange County | 33 | 34 | 39 | 46 | 58 |
| Osceola County | 7 | 12 | 12 | 15 | 2 |
| Polk County | 10 | 19 | 13 | 16 | 13 |
| Seminole County | 9 | 4 | 6 | 9 | 12 |
| Sumter County | 3 | - | 2 | - | 1 |
| Volusia County | 17 | 19 | 13 | 11 | 22 |
| **CFMPOA Total** | **100** | **119** | **118** | **139** | **135** |

*Source:* Florida Department of Highway Safety and Motor Vehicles & MetroPlan Orlando Web-Based Crash Database

## Bicyclist Safety Statistics

As the number of bicyclists using the transportation network continues to increase, so does the number of injuries and fatalities. These charts show the changes in the total number of bicyclist injuries and fatalities from 2013 through 2017 for the CFMPOA region.

| Bicyclist Injury | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 101 | 108 | 79 | 71 | 64 |
| Lake County | 36 | 30 | 28 | 22 | 23 |
| Marion County | 35 | 38 | 57 | 44 | 50 |
| Orange County | 376 | 367 | 365 | 365 | 330 |
| Osceola County | 63 | 45 | 67 | 54 | 86 |
| Polk County | 88 | 89 | 97 | 61 | 74 |
| Seminole County | 96 | 69 | 113 | 96 | 92 |
| Sumter County | 5 | 16 | 8 | 6 | 9 |
| Volusia County | 157 | 125 | 133 | 126 | 139 |
| **CFMPOA Total** | **957** | **887** | **947** | **845** | **867** |

| Bicyclist Fatality | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Brevard County | 9 | 5 | - | 4 | 2 |
| Lake County | 4 | 2 | 1 | - | - |
| Marion County | 1 | - | 1 | 2 | 3 |
| Orange County | 7 | 11 | 9 | 7 | 6 |
| Osceola County | - | 2 | 3 | 1 | 12 |
| Polk County | 4 | 3 | 6 | 4 | - |
| Seminole County | 6 | - | 3 | 4 | 5 |
| Sumter County | 1 | - | - | - | - |
| Volusia County | 4 | 4 | 2 | 5 | 2 |
| CFMPOA Total | 36 | 27 | 25 | 27 | 30 |

*Source:* Florida Department of Highway Safety and Motor Vehicles & MetroPlan Orlando Web-Based Crash Database

## Air Quality

Air pollution is associated with several health issues, including asthma, heart disease, and cancer. Ground-level ozone, for which motor vehicle emissions are a primary source, has been a cause for concern in the Central Florida Area in recent years. In 2015, the Federal Environmental Protection Agency (EPA) revised the standard for ozone from 75 parts per billion to 70 parts per billion in any eight-hour period. An area will be considered as nonattainment (not meeting the standard) if the average of the annual fourth-highest ozone readings at any monitoring site for the three-year period equals or exceeds the 70 parts per billion standard.

The following table shows the fourth-highest eight-hour average readings, shown in parts per billion, for the area from 2013 through 2017:

| Ozone Monitoring | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Melbourne (Brevard) | 63 | 62 | 60 | 58 | 59 |
| Freedom 7 Elem. (Brevard) | 63 | 63 | 61 | 61 | 60 |
| Lost Lake Elem. (Lake) | 63 | 65 | 63 | 63 | 63 |
| Ocala YMCA (Marion) | 61 | 62 | 61 | 61 | 61 |
| County Impound (Marion) | 61 | 59 | 59 | 58 | 58 |
| Winegard Elem. (Orange) | 64 | 65 | 62 | 62 | 64 |
| Lake Isle Estates (Orange) | 63 | 66 | 61 | 62 | 63 |
| Four Corners (Osceola) | 65 | 64 | 63 | 63 | 64 |
| Sikes Elem. (Polk) | 64 | 66 | 63 | 63 | 66 |
| Baptist Children's (Polk) | 64 | 65 | 63 | 62 | 65 |
| Seminole State (Seminole) | 61 | 64 | 60 | 61 | 63 |
| Port Orange (Volusia) | 59 | 60 | 58 | 59 | 59 |
| Daytona Blind Svc. (Volusia) | 61 | 62 | 60 | 59 | 59 |

*Source:* Florida Department of Environmental Protection
*Note:* The three-year attainment average can be determined by averaging the last three years of ozone data for each station.

# Chapter 4: Transit Statistics

As the highway system in the CFMPOA region becomes more congested, alternative modes of transportation are becoming increasingly important.  Currently, the majority of transit users in the region rely heavily on transit services to get to work, shopping, medical appointments etc.  As a result, this service is essential to the area's economy and the quality of life. This chapter looks at fixed-route bus, demand-response (paratransit), and vanpool services provided by the various transit agencies in the CFMPOA region. Numbers shown were provided by local transit agency staff.

## LYNX

The LYNX service area comprises Orange, Osceola and Seminole counties, an area of approximately 2,500 square miles. While regular fixed route service does not reach the most rural portions of the service area, LYNX paratransit service is available within all portions of the county boundaries. The transit services provided by LYNX include: Fixed-Route Bus Service, LYMMO Downtown Circulator, Shuttle Services, Transportation Disadvantaged Service, and Van Pooling.

### *Transit Supplied*

| Vehicle Revenue Miles | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 25,482,688 | 29,376,790 | 25,442,689 | 26,715,548 | 28,147,221 |

| Vehicle Revenue Hours | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Hours | 1,693,383 | 1,730,670 | 1,751,053 | 1,686,622 | 1,768,242 |

| Vehicles availble for Max. Serv. | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Vehicles | 571 | 608 | 655 | 680 | 723 |

### *Transit Consumed*

| Passenger Miles Traveled | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 167,299,657 | 178,129,638 | 169,531,611 | 152,877,019 | 156,256,558 |

| Unlinked Passenger Trips | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Unlinked Trips | 29,853,083 | 30,141,247 | 29,377,073 | 27,378,837 | 26,031,038 |

*Source: Central Florida Regional Transportation Authority d.b.a. LYNX, APTA (American Public Transportation Association)*

## LakeXpress

Public transportation services in Lake County include LakeXpress, the County's fixed-route bus service, and Lake County Connection paratransit services. LakeXpress maintains four fixed-route bus services: Lady Lake and Eustis via U.S. 441; Altoona to Zellwood; and two local routes -- one throughout the City of Leesburg and another through the City of Mount Dora. All routes operate on a one-hour headway schedule.

### *Transit Service Supplied*

| Vehicle Revenue Miles | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 1,717,650 | 1,760,839 | 1,601,846 | 1,538,338 | 1,509,601 |

| Vehicle Revenue Hours | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Hours | 108,718 | 108,481 | 96,571 | 90,860 | 91,099 |

| Vehicles in Max. Service | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Vehicles | 58 | 56 | 50 | 42 | 38 |

| Passenger Miles Traveled | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 4,546,039 | 4,488,988 | 4,034,590 | 2,050,310 | 3,396,176 |

| Unlinked Passenger Trips | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Unlinked Trips | 476,131 | 461,006 | 437,939 | 418,963 | 425,294 |

*Source: LakeXpress (Lake County)*

## Space Coast Area Transit (SCAT)

Space Coast Area Transit (SCAT) provides the majority of transit service in Brevard County, including both fixed-route and demand response services. SCAT currently operates 17 fixed routes, 1 dial-a-ride, paratransit service, vanpools, and the Volunteers-in-Motion program. Service spans from approximately 6 a.m. to 8:30 p.m., with an average of 60-minute frequencies.

*Transit Service Supplied*

| Vehicle Revenue Miles | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 4,095,511 | 4,283,153 | 4,183,088 | 4,102,027 | 3,909,845 |

| Vehicle Revenue Hours | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Hours | 193,087 | 193,031 | 185,514 | 209,228 | 187,152 |

| Vehicles in Max. Service | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Vehicles | 166 | 145 | 113 | 113 | 136 |

*Transit Service Consumed*

| Passenger Miles Traveled | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 25,902,092 | 26,873,487 | 24,361,853 | 23,198,943 | 20,517,127 |

| Unlinked Passenger Trips | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Unlinked Trips | 2,883,218 | 2,921,644 | 2,898,925 | 2,748,564 | 2,554,122 |

*Source: Space Coast Area Transit (SCAT)*

## Votran

The Volusia County Council created the county's public transportation system, called Votran, in 1975. Votran is a service of Volusia County Government, and it currently operates 21 fixed routes, 2 flexible routes, trolley service, and paratransit Gold Service for older adults and persons with disabilities. Service spans from approximately 6 a.m. to 7 p.m., with an average of 60-minute headways.

*Transit Service Supplied*

| Vehicle Revenue Hours | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Hours | 307,211 | 311,701 | 316,366 | 328,847 | 342,825 |

| Vehicles in Max. Service | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Vehicles | 121 | 125 | 126 | 129 | 138 |

*Transit Service Consumed*

| Passenger Miles Traveled | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 17,938,903 | 17,805,586 | - | 20,751,753 | 16,504,841 |

| Unlinked Passenger Trips | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Unlinked Trips | 4,024,638 | 4,013,072 | 3,856,481 | 3,545,910 | 3,520,679 |

*Source: Votran (Volusia County), APTA (American Public Transportation Association)*

## Citrus Connection

The Lakeland Area Mass Transit District, known as the Citrus Connection, operates 38 fixed-route buses and 15 Handy buses, paratransit services, in 15 fixed routes. Today the Citrus Connection delivers more than 6,000 people to work, play, school and other destinations every day. Additionally, the Lakeland Area Mass Transit District serves as a contractor to operate services in Winter Haven and express service to Bartow.

### Transit Service Supplied

| Vehicle Revenue Miles | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 1,333,092 | 935,371 | 886,423 | 1,372,618 | 1,378,277 |

| Vehicle Revenue Hours | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Hours | 102,057 | 69,077 | 64,772 | 89,104 | 90,759 |

| Vehicles in Max. Service | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Vehicles | 32 | 22 | 22 | 30 | 31 |

### Transit Service Consumed

| Passenger Miles Traveled | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 6,962,739 | 6,641,122 | 5,878,810 | 8,076,814 | 7,088,796 |

| Unlinked Passenger Trips | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Unlinked Trips | 1,318,689 | 1,215,338 | 1,073,367 | 1,304,808 | 1,252,509 |

*Source: Lakeland Area Mass Transit District d.b.a. Citrus Connection.*

## SunTran

SunTran operates fixed-route bus service on six routes in the Ocala area. The SunTran bus fleet is equipped to carry disabled passengers, who ride at reduced fares. SunTran is a cooperative effort of the Ocala/Marion County Transportation Planning Organization, Marion County, the City of Ocala, the Florida Department of Transportation and the Federal Transportation Administration. Bus service is provided Monday through Saturday, from 5:00 a.m. through 10:00 p.m with an average headway of 70 minutes.

### Transit Service Supplied

| Vehicle Revenue Miles | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 511,252 | 487,296 | 492,048 | 494,222 | 557,559 |

| Vehicle Revenue Hours | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Hours | 34,501 | 31,065 | 31,505 | 31,547 | 36,278 |

| Vehicles in Max. Service | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Vehicles | 8 | 6 | 6 | 6 | 8 |

### Transit Service Consumed

| Passenger Miles Traveled | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Miles | 2,250,998 | 2,659,742 | 2,792,500 | 2,242,744 | 2,218,804 |

| Unlinked Passenger Trips | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Unlinked Trips | 439,783 | 436,063 | 417,920 | 415,762 | 423,542 |

*Source: SunTran.*

## *Five-Year Historic Trend – Unlinked Transit Passenger Trips*

This graph illustrates the five-year unlinked passenger trip trend total for Brevard, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia Counties – the CFMPOA region.
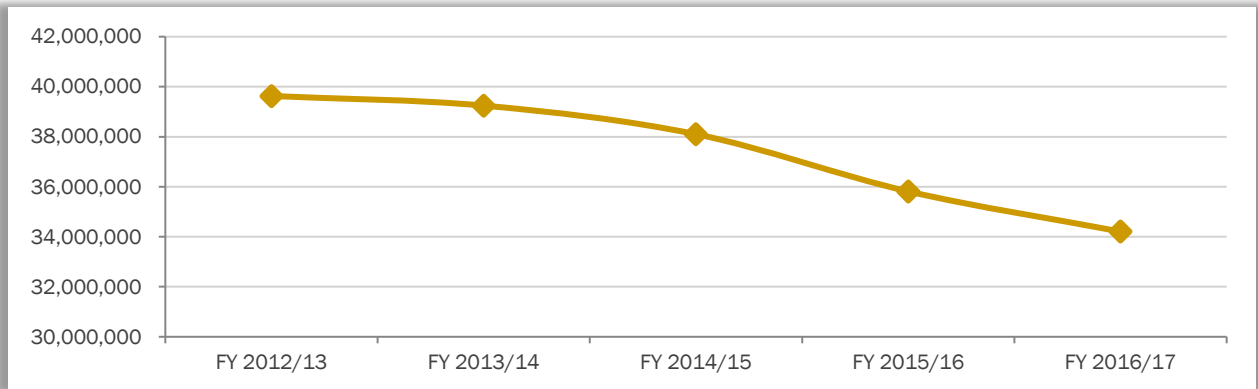
# Chapter 5: Aviation, Rail, Sea, and Space Port Statistics

Aviation is another important mode of transportation in the CFMPOA region. Due to the large number of tourists, business travelers, and residents flying to and from the Central Florida area, the region's international airports have experienced major growth during the past decade.

The CFMPOA region is served by four international airports:

- Orlando International Airport, Orange County (MCO)
- Orlando-Sanford International Airport, Seminole County (SFB)
- Melbourne International Airport, Brevard County (MLB)
- Daytona Beach International Airport, Volusia County (DAB)

## Orlando International Airport, Orange County (MCO)

Due to the high-volume tourist market, Orlando International Airport continues to be one of the busiest airports in the U.S. It is the second-busiest airport in Florida, after Miami International; the 15th-busiest airport in the United States; and the 43rd-busiest airport in the world, by passenger traffic. The table shows the number of passengers, tons of cargo, and operations at the Orlando International Airport from 2013 to 2017:

| Orlando Int'l Airport | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Total Passengers | 34,768,544 | 35,714,612 | 38,809,337 | 41,562,705 | 43,591,361 |
| Tons of Cargo | 169,725 | 174,869 | 188,012 | 202,861 | 216,103 |
| Aircraft Operations | 291,662 | 290,331 | 308,173 | 316,141 | 325,333 |

*Source: Greater Orlando Aviation Authority*

### 10-Year Historic Trend – Total Passengers

This graph illustrates the 10-year total passenger trend for Orlando International Airport.
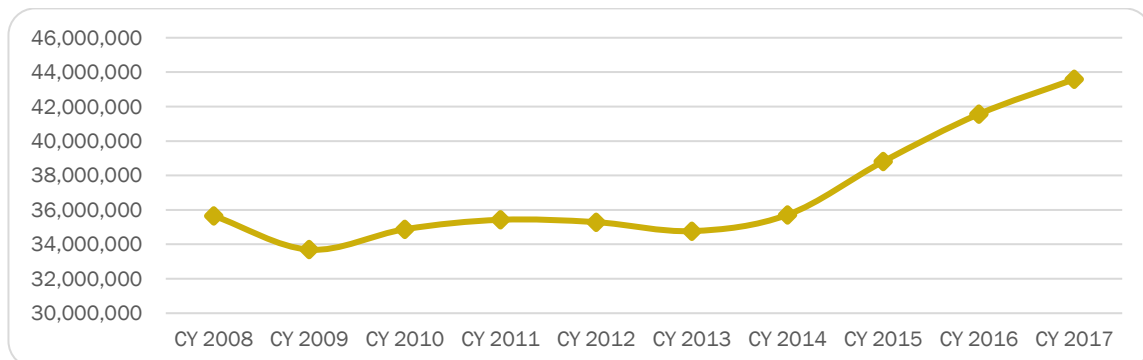


## Orlando-Sanford International Airport, Seminole County (SFB)

The Orlando-Sanford International Airport has also grown rapidly in recent years. It began as a place primarily for international chartered and scheduled flights to and from Europe, but it has developed into an alternative to Orlando International for north metro area residents. Orlando-Sanford handles international service, as well as domestic flights to a growing number of U.S. cities. The following table shows the number of passengers, tons of cargo, and operations at the Orlando- Sanford International Airport from 2013 to 2017:

| Orlando-Sanford Int'l | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Total Passengers | 2,032,680 | 2,184,701 | 2,480,122 | 2,752,410 | 2,922,446 |
| Tons of Cargo | 3,112 | 1,627 | 1,316 | 610 | 332 |
| Aircraft Operations | 269,708 | 220,630 | 293,742 | 289,759 | 307,064 |

*Source: Sanford Airport Authority, Monthly Activity Report*

*10-Year Historic Trend – Total Passengers*
This graph illustrates the 10-year total passenger trend for Orlando-Sanford International Airport.
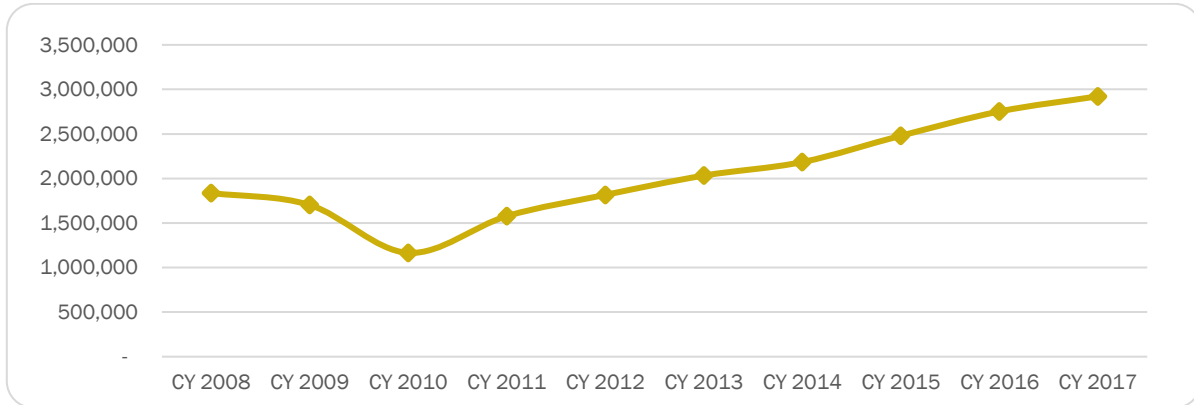


## Melbourne International Airport, Brevard County (MLB)

The Melbourne International Airport currently operates with three runways accommodating general-aviation, commercial, and cargo aircraft. The airport has five airlines operating out of eight gates and seven jet ways, which provide service primarily to the eastern United States as well as the Bahamas.
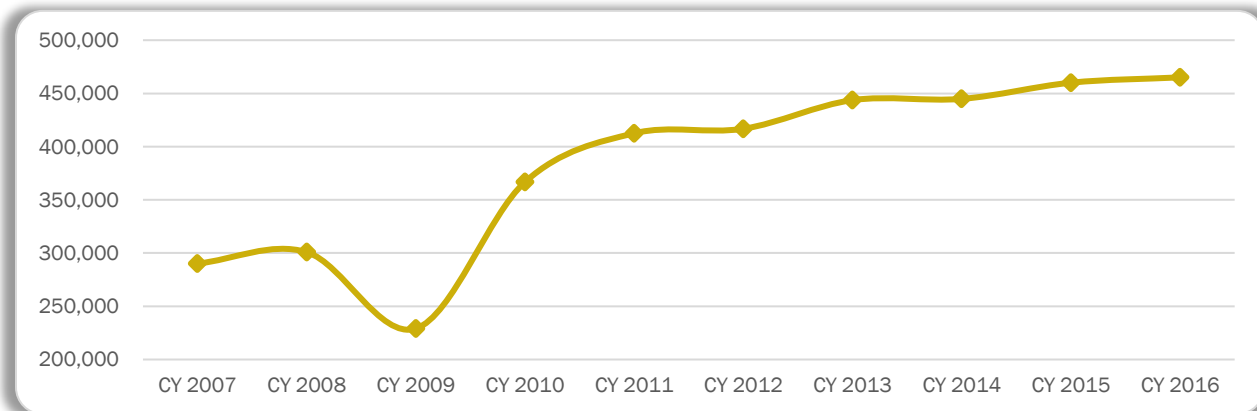
The table shows the number of passengers, tons of cargo, and operations at the Melbourne International Airport from 2012 to 2016:

| Melbourne Int'l Airport | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Total Passengers | 416,780 | 443,717 | 444,844 | 460,055 | 465,082 |
| Tons of Cargo | 242 | 107 | 121 | 117 | 92 |
| Aircraft Operations | 159,112 | 131,140 | 121,370 | 91,860 | 96,070 |

*Source: Melbourne Airport Authority*

*10-Year Historic Trend – Total Passengers*
This graph illustrates the 10-year total passenger trend for MLB



## Daytona Beach International Airport, Volusia County (DAB)

The Daytona Beach International Airport is a 160,000-square-foot, modern, six-gate terminal complex. Currently, three major airlines operate out of this facility providing direct service to Atlanta and Charlotte, as well as the Bahamas.

The table shows the number of passengers, tons of cargo, and operations at the Daytona Beach International Airport from 2013 to 2017:

| Daytona Beach Int'l | CY 2013 | CY 2014 | CY 2015 | CY 2016 | CY 2017 |
|---|---|---|---|---|---|
| Total Passengers | 582,925 | 629,972 | 627,455 | 707,657 | 720,825 |
| Tons of Cargo | 136 | 138 | 141 | 139 | 135 |
| Aircraft Operations | 288,705 | 290,380 | 297,678 | 317,810 | 310,238 |

*Source: Daytona Beach International Airport*

### 10-Year Historic Trend – Total Passengers
This graph illustrates the 10-year total passenger trend for DAB
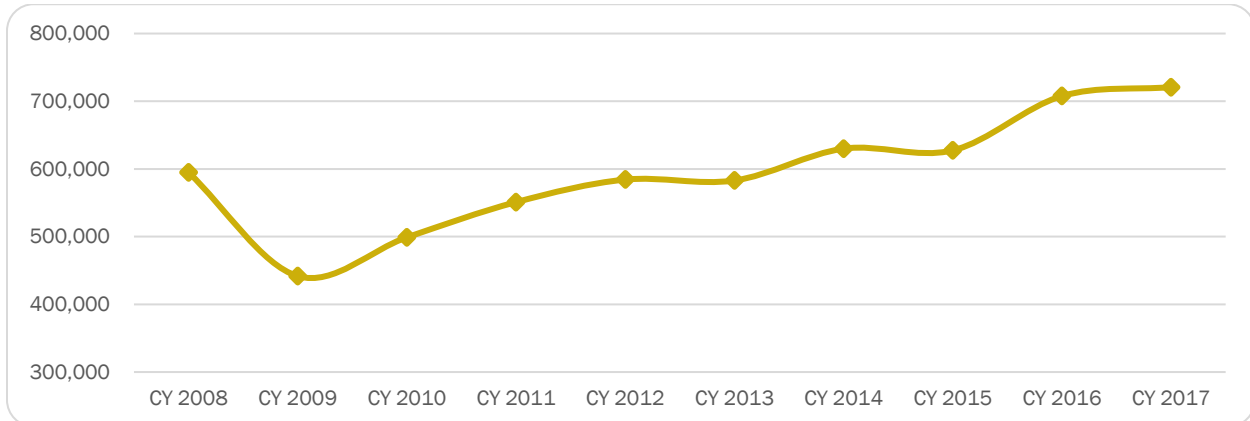


### Central Florida MPO Alliance Regional Total (MCO, SFB, MLB, DAB)

| CFMPOA Region Total | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Total Passengers | 38,105,676 | 37,827,866 | 38,974,069 | 42,390,015 | 45,848,548 |
| Tons of Cargo | 177,360 | 173,080 | 176,798 | 189,586 | 209,893 |
| Aircraft Operations | 1,052,866 | 981,215 | 922,711 | 990,924 | 1,020,620 |

### 10-Year Historic Trend – Total Passengers
This graph illustrates the 10-year total passenger trend for CFMPOA Region
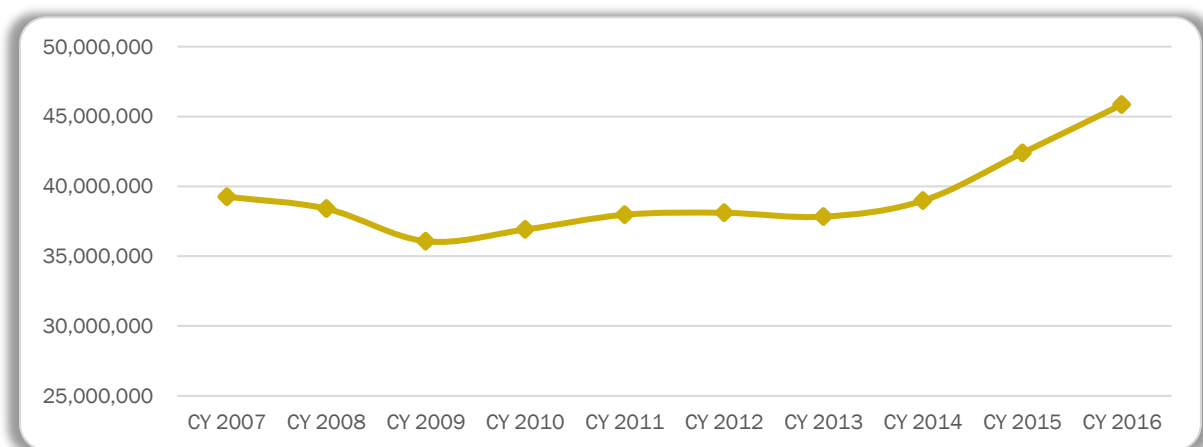
## Passenger Rail Service

Central Florida's passenger rail service altered some travel patterns in the region. For decades the Central Florida region only had Amtrak as the primary passenger rail service provider. However, in May 2014 SunRail commuter rail Service began operating. Central Florida residents who live along the I-4 corridor now have a choice when traveling to/from work or other trip purposes. The 12 Phase I stations on the SunRail corridor connect the communities of Central Florida.

## SunRail Commuter Rail

Phase 1 of SunRail comprises 31 miles with 12 stations along the former CSX "A" Line connecting Volusia County and Orange County through Downtown Orlando. The extensions proposed for Phase 2 would add a new northern terminus at DeLand and four more stations southward, terminating at Poinciana in Osceola County.
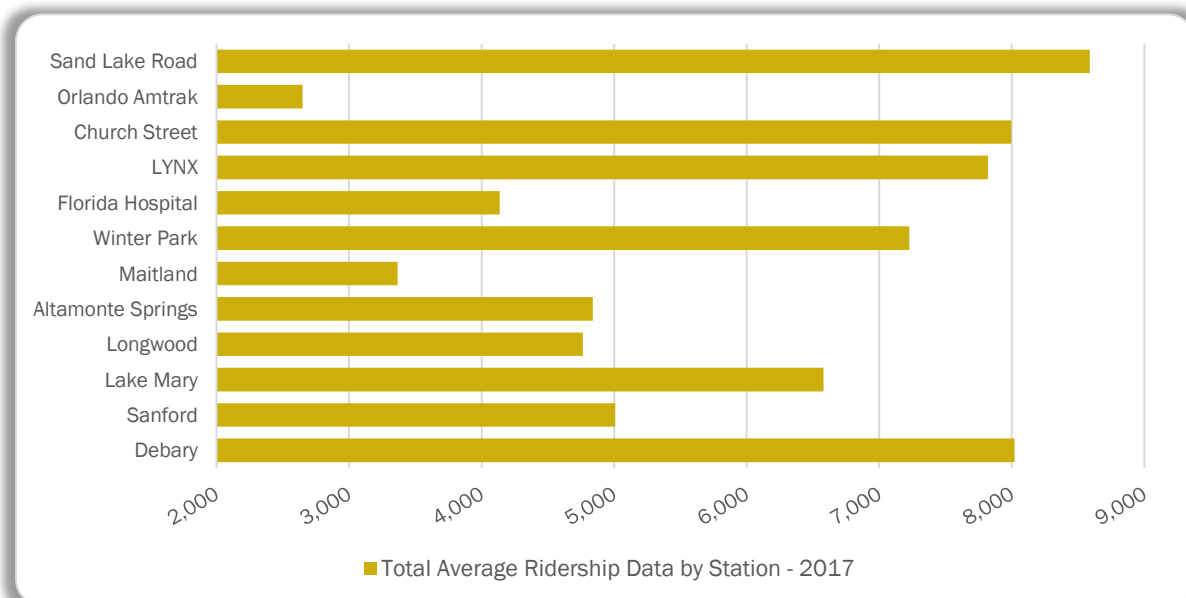
### SunRail Statistics – January 2017 to December 2017

The following graphics show the average daily boardings by month, the number of bicyclist and ADA boarding, and on-time performance by month:
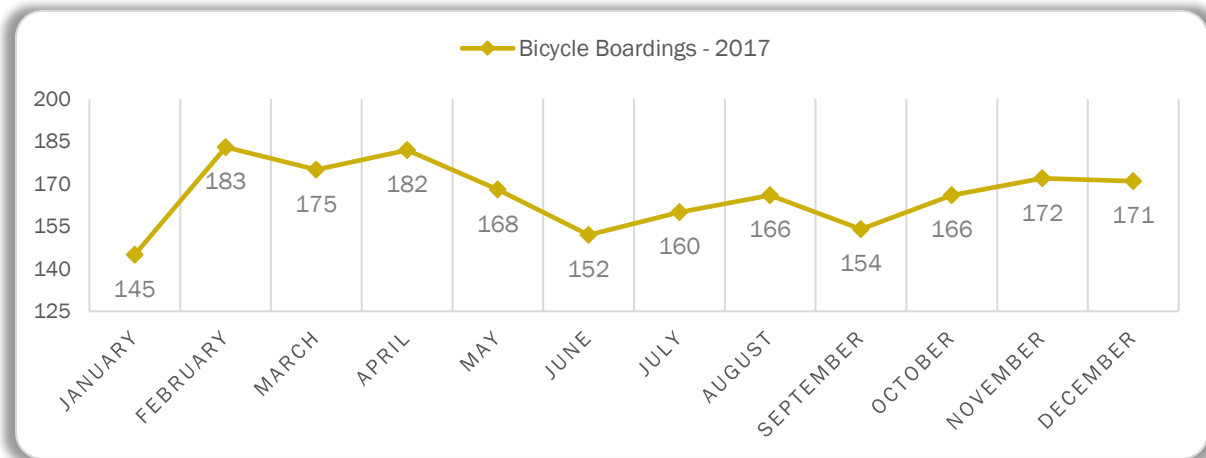
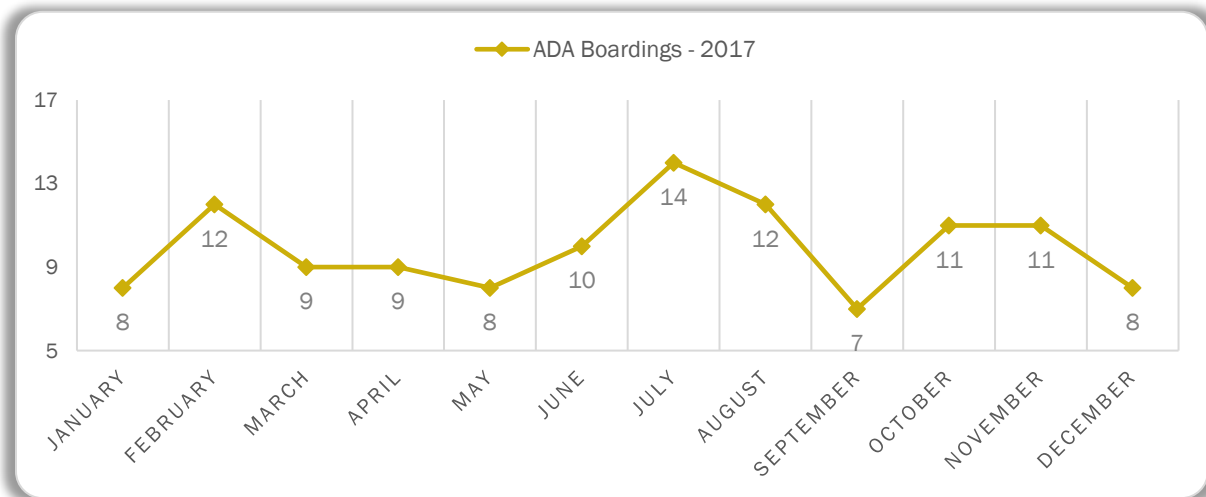### Graph 1: Average daily boarding - 2016



Average Daily boardings - 2016
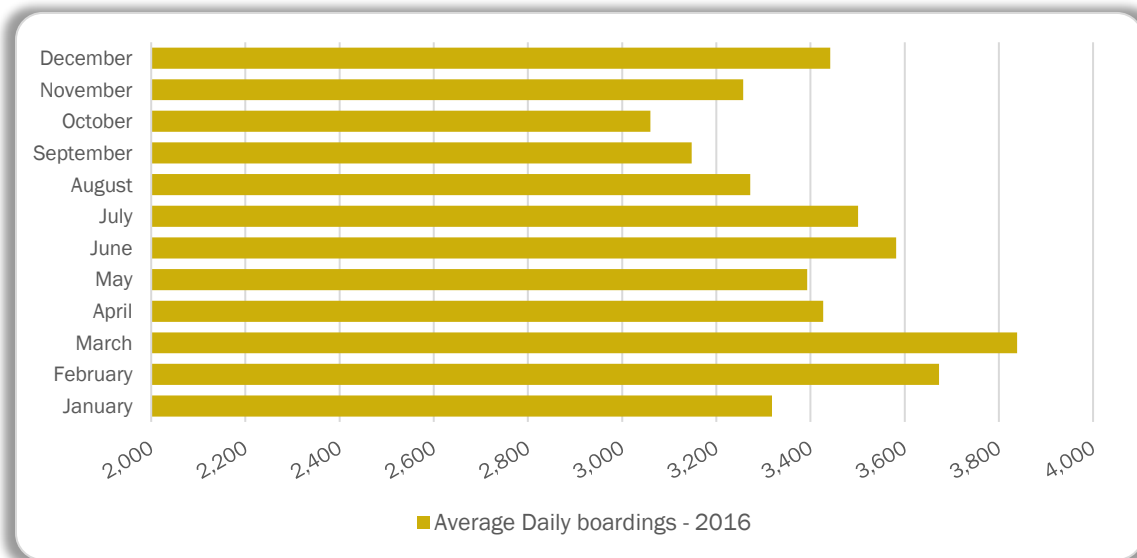
### Graph 2: Total average ridership data by station - 2017



Total Average Ridership Data by Station - 2017

## Graph 3: Total Number of Bicycle Boarding- January 2017 to December 2017



Bicycle Boardings - 2017

| Month | Value |
|-------|-------|
| JANUARY | 145 |
| FEBRUARY | 183 |
| MARCH | 175 |
| APRIL | 182 |
| MAY | 168 |
| JUNE | 152 |
| JULY | 160 |
| AUGUST | 166 |
| SEPTEMBER | 154 |
| OCTOBER | 166 |
| NOVEMBER | 172 |
| DECEMBER | 171 |

## Graph 4: Total Number of ADA Boarding- January 2017 to December 2017



ADA Boardings - 2017

| Month | Value |
|-------|-------|
| JANUARY | 8 |
| FEBRUARY | 12 |
| MARCH | 9 |
| APRIL | 9 |
| MAY | 8 |
| JUNE | 10 |
| JULY | 14 |
| AUGUST | 12 |
| SEPTEMBER | 7 |
| OCTOBER | 11 |
| NOVEMBER | 11 |
| DECEMBER | 8 |

## Graph 5: On- Time Performance- January 2017 to December 2017



On-Time Performance- 2017

| Month | Value |
|-------|-------|
| JANUARY | 98.81 |
| FEBRUARY | 98.78 |
| MARCH | 98.78 |
| APRIL | 96.52 |
| MAY | 95.45 |
| JUNE | 98.99 |
| JULY | 98.33 |
| AUGUST | 95.21 |
| SEPTEMBER | 95.59 |
| OCTOBER | 96.72 |
| NOVEMBER | 96.52 |
| DECEMBER | 98.06 |
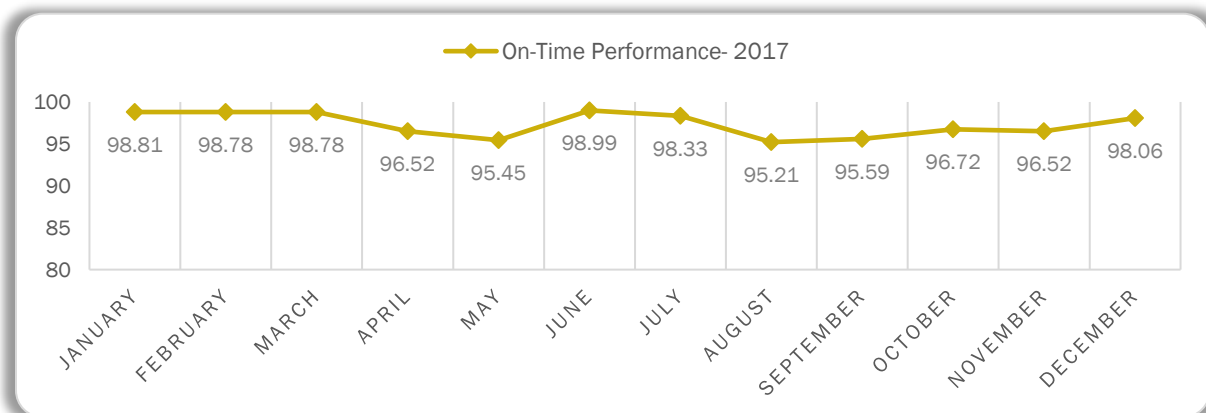
*Source: Central Florida Commuter Rail Commission*

## Amtrak

Amtrak provides long-distance passenger rail service at stations in Deland, Winter Park, Orlando, Kissimmee, Lakeland, and Winter Haven. In addition to its regular passenger service, Amtrak's Auto Train operates daily between Lorton, Virginia (outside of Washington, D.C.) and the Auto Train terminal off I-4 and SR 46 in Sanford. These tables show the number of rail passengers who used these stations from FY 2013 through FY 2017:

| Amtrak - Deland | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 26,502 | 26,063 | 24,310 | 22,374 | 20,827 |

| Amtrak - Kissimmee | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 44,906 | 43,543 | 41,424 | 37,773 | 35,737 |

| Amtrak - Lakeland | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 22,829 | 21,816 | 21,526 | 20,475 | 19,479 |

| Amtrak - Orlando | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 160,442 | 155,532 | 145,839 | 138,359 | 133,248 |

| AutoTrain - Sanford | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 265,274 | 274,445 | 271,622 | 238,448 | 228,943 |

| Amtrak - Winter Haven | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 22,205 | 22,273 | 21,965 | 21,684 | 20,598 |

| Amtrak - Winter Park | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 30,142 | 29,013 | 28,310 | 28,205 | 27,253 |

| Amtrak - CFMPOA Region | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 572,300 | 572,685 | 554,996 | 507,318 | 486,085 |

*Source: National Railroad Passenger Corporation d.b.a. Amtrak*

### 10-Year Historic Trend – Amtrak Ridership
This graph illustrates the 10-year Amtrak total ridership trend for the seven stations within the CFMPOA region.
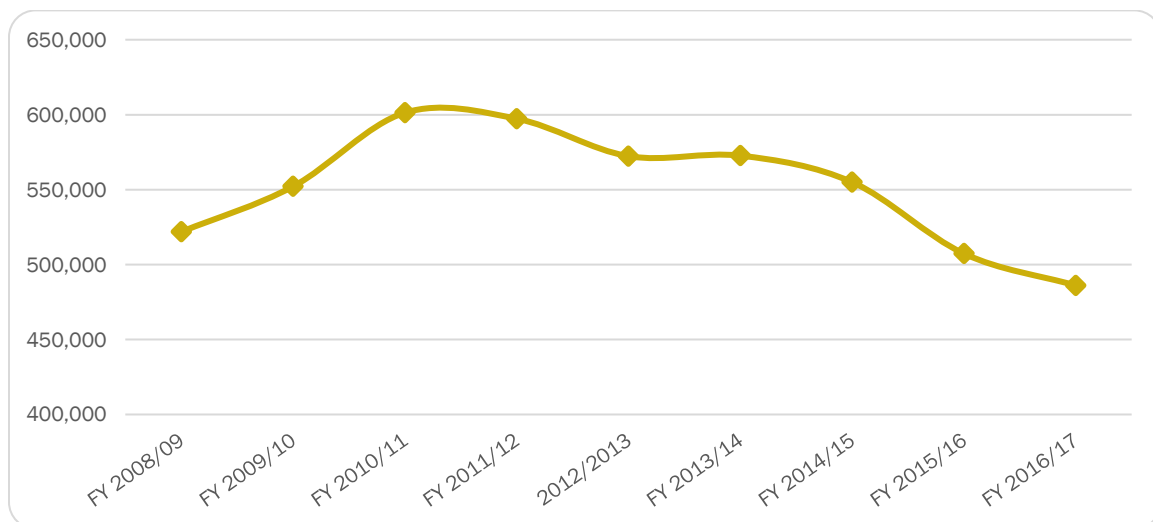
## Port Canaveral Statistics

Port Canaveral is one of the busiest cruise ports in the world with 4.5 million passengers passing through during FY 2016/17. The port also serves cargo lines and has advanced shipper capabilities. Although the port is in Brevard County, and thus outside of the Orlando Metropolitan Area, much of the cargo that is handled at the port, and many of the port's cruise ship passengers, are destined for this area.  As a result, Port Canaveral is considered an important regional asset.

This port's freight and passenger statistics from FY 2013 through FY 2017 are shown in the following table:

| Port Canaveral | FY 2012/13 | FY 2013/14 | FY 2014/15 | FY 2015/16 | FY 2016/17 |
|---|---|---|---|---|---|
| Number of Passengers | 3,717,586 | 4,167,258 | 4,168,666 | 3,951,127 | 4,526,626 |
| Tons of Cargo | 3,874,266 | 3,362,281 | 4,206,590 | 5,497,028 | 5,990,763 |

*Source:* Canaveral Port Authority

### 10-Year Historic Trend – Port Canaveral
This graph illustrates the 10-year passenger and cargo trend for Port Canaveral.
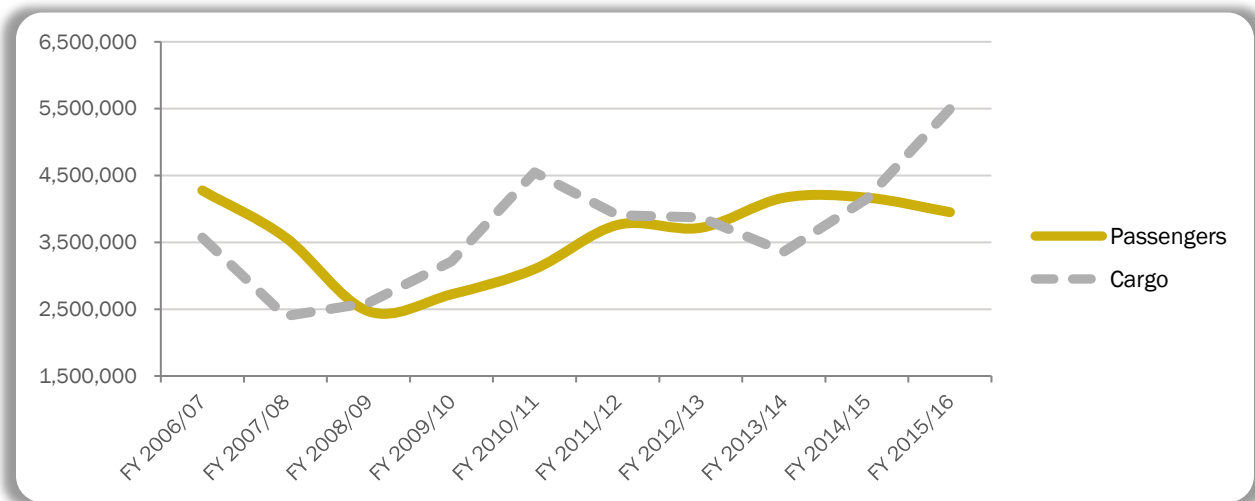


## Space Launch Statistics

A form of transportation that is unique to the CFMPOA area is space travel.  The area is home to the Cape Canaveral Spaceport in Brevard County, where NASA's space launches have taken place for more than 50 years. Although The Space Shuttle program ended in 2011, it is being replaced with NASA's Commercial Crew Program (CCP). CCP is an innovative public-private partnership that helps the aerospace industry in the U.S. to develop space transportation systems that can safely launch astronauts to the International Space Station (ISS) and other low-Earth orbit destinations.
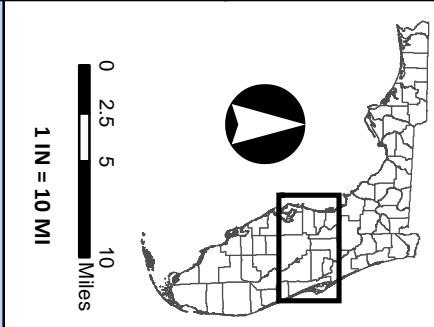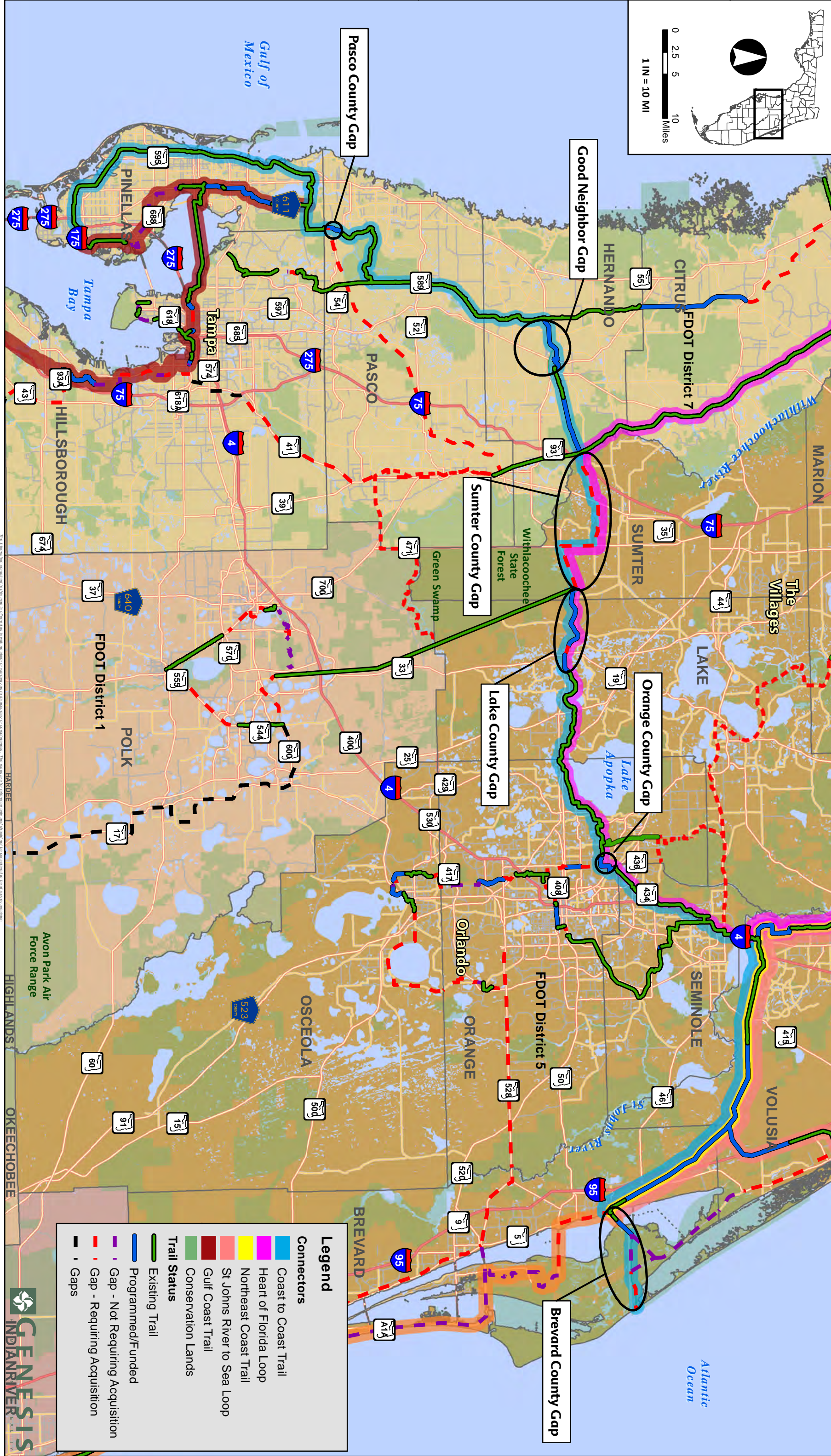
NASA has awarded more than $1.4 billion in Space Act Agreements (SAAs) under two Commercial Crew Development (CCDev) and the Commercial Crew Integrated Capability (CCiCap) initiatives. The top companies that have contributed in development and certification phases of the Commercial Crew Program are Boeing, SpaceX and Sierra Nevada Corporation.

The number of space launches from 2012 through 2016 is shown in the table below.

| Space Launches | CY 2012 | CY 2013 | CY 2014 | CY 2015 | CY 2016 |
|---|---|---|---|---|---|
| Space Shuttle | 0 | 0 | 0 | 0 | 0 |
| Satellite/Spacecraft | 10 | 10 | 15 | 16 | 18 |
| Total Launches | 10 | 10 | 15 | 16 | 18 |

*Source:  Space Florida*

**TAB 5**

**Coast to Coast Trail**

**Legend**

**Connectors**
- ▬ Coast to Coast Trail
- ▬ Heart of Florida Loop
- ▬ Northeast Coast Trail
- ▬ St Johns River to Sea Loop
- ▬ Gulf Coast Trail
- ▬ Conservation Lands

**Trail Status**
- ▬ Existing Trail
- ▬ Programmed/Funded
- ▬ Gap - Not Requiring Acquisition
- ▬ Gap - Requiring Acquisition
- ▬ Gaps

Pasco County Gap

Good Neighbor Gap

Sumter County Gap

Lake County Gap

Orange County Gap

Brevard County Gap

Gulf of Mexico

Tampa Bay

Atlantic Ocean

PINELLAS

HILLSBOROUGH

PASCO

HERNANDO

CITRUS

FDOT District 7

Withlacoochee State Forest

Withlacoochee River

SUMTER

MARION

LAKE

The Villages

Lake Apopka

ORANGE

Orlando

SEMINOLE

VOLUSIA

St Johns River

FDOT District 5

BREVARD

POLK

FDOT District 1

Green Swamp

OSCEOLA

HIGHLANDS

Avon Park Air Force Range

HARDEE

OKEECHOBEE

INDIAN RIVER

Tampa

Printing Date: 4/17/2018 3:18:34 PM   File: F:\8586\004\GIS\MXD\20180322-CoasttoCoast-11x17.mxd

1 IN = 10 MI

0  2.5  5        10
      Miles

TAB 6

# WHAT IS A FLORIDA TRAIL TOWN?

A "Trail Town" in Florida is a community located along or in proximity to one or more long-distance non-motorized recreational trails. Whether on a rail trail, paddling trail, equestrian trail or hiking trail, trail users can venture off the trail to enjoy the services and unique heritage of the nearby community. The town is a safe place where both town residents and trail users can walk, bike, jog etc., find the goods and services they need, and easily access both the trail and the town. In such a town, the trail is an integral and important part of the community.

A Trail Town is a vibrant destination where people come together. A Trail Town is a friendly place which encourages trail users to visit and welcomes them with warm hospitality. It may have outdoor equipment shops, restaurants, a grocery store, quaint local shops, and lodging. It has wide sidewalks, clean streets, bike racks, and benches at convenient locations. The trail meets the needs of both the trail users and the town's residents. Residents use the trail to access work, schools, parks and shops.

Trail Towns are not stand-alone communities; they are linked by the long-distance trail corridor. Trail users may be passing through a town on a day trip or longer trek, or may park and access other trails, such as a paddling trail. Trail users want to explore interesting and vibrant places in their travels and need services that the town provides. Basic characteristics of a successful Trail Town include:

- Enticements to get trail users off the trail to explore the town
- Making clear and safe connections between the town and trail
- Welcoming trail users by making town information readily available
- Educating businesses on the economic benefits of meeting the needs of trail tourists
- Promoting a "trail-friendly" town character
- Integrating the trail into the town's culture with annual festivals and events that draw people to the trail who may not normally be trail users
- Connecting residents safely to work, schools, parks and shopping
- Working with neighboring communities to promote the entire long-distance trail as a tourist destination

Any trail, long or short, is an economic asset to a community. It provides free recreation for people of all ages and fitness levels, and offers opportunities to study nature or local history.

The Office of Greenways and Trails' Florida Trail Town program is oriented towards towns which connect to long-distance trails, ones that attract travelers from outside the local community and are not used solely by nearby residents. Studies show that the longer a trail is, the farther people will travel to visit it, the longer they will stay, and the more money they will spend. A day-user will spend four times the amount of a local user, and is likely to make a return trip to the Trail Town. An overnight visitor will spend twice the amount of a day-user. For information to recognize your town as a Florida Trail Town, call 850-245-2061 or contact Doug.Alderson@dep.state.fl.us at the Department of Environmental Protection, Office of Greenways and Trails.

TAB 7

# CENTRAL FLORIDA MPO ALLIANCE

---

# Proposed 2019 Quarterly Meeting Schedule
### (All meetings are scheduled to begin at 10:00 a.m.)

**LOCATION:** MetroPlan Orlando [1]
250 S. Orange Avenue, Suite 200
Orlando, FL 32801

---

## Date

January 11, 2019

April 12, 2019

June/July 2019[1]

October 11, 2019

## *NOTES:*

(1) All meetings will be held at MetroPlan Orlando with the exception of the June/July meeting. The date and location of that meeting has not been determined.

**~~FIRST~~ AMENDED AND RESTATED**
**INTERLOCAL AGREEMENT**
**CREATING THE CENTRAL FLORIDA MPO ALLIANCE**

This Interlocal Agreement ("Agreement") is made and entered into this ~~14th~~ **12th** day of **October, ~~2016~~2018**, by and between the Orlando Urban Area Metropolitan Planning Organization d/b/a MetroPlan Orlando, the River to Sea TPO, the Space Coast TPO, the Ocala/Marion County TPO, the Lake-Sumter MPO, and the Polk TPO.

**RECITALS**

**WHEREAS**, Central Florida MPO Alliance Resolution No. 2001-01 was adopted by MetroPlan Orlando, the River to Sea TPO, the Space Coast TPO, and the Lake County Board of County Commissioners (hereinafter referred to as Lake-Sumter MPO) to create and operate the Central Florida MPO Alliance;

**WHEREAS**, the service areas for MetroPlan Orlando, the River to Sea TPO, the Space Coast TPO, the Ocala/Marion County TPO, the Lake-Sumter MPO and the Polk TPO are as described in each respective organization's Interlocal Agreements.

**WHEREAS**, Resolution No. 2003-01 was adopted by the Central Florida MPO Alliance adding the Polk Transportation Planning Organization (TPO) to its membership;

**WHEREAS**, Resolution No. 2004-01 was adopted by the Central Florida MPO Alliance adding the Ocala/Marion County Transportation Planning Organization (TPO) to its membership;

**WHEREAS**, the 2005 Florida Legislature enacted Chapter 2005-290, Laws of Florida, relating to infrastructure planning and funding (the "Act");

**WHEREAS**, the Act provides that regional transportation plans may be developed in regional transportation areas in accordance with an Interlocal Agreement entered into pursuant to Section 163.01, Florida Statutes, by two or more contiguous Metropolitan Planning Organizations;

**WHEREAS**, the parties hereto established the Central Florida MPO Alliance through the Interlocal Agreement dated October 19, 2005;

**WHEREAS**, the Interlocal Agreement dated October 19, 2005 was amended by Resolution of each member of the Central Florida MPO Alliance in February 2007;

WHEREAS, the Interlocal Agreement dated October 19, 2005 was further amended by Resolution of each member of the Central Florida MPO Alliance in February/March 2012;

WHEREAS, the parties hereto desire to continue the Central Florida MPO Alliance through this First Amended and Restated Interlocal Agreement in order to continue the region's collaborative transportation planning process, to comply with the applicable provisions of Chapter 2005-290, Laws of Florida, with regard to development of a regional transportation plan, and to access funds that are available to encourage regional transportation planning efforts; and

WHEREAS, Section 339.2819, Florida Statutes, creates within the Florida Department of Transportation a Transportation Regional Incentive Program (TRIP) that provides funds to improve regionally significant transportation facilities in regional transportation areas created pursuant to Section 339.155(5), Florida Statutes.

NOW, THEREFORE, in consideration of the mutual covenants, promises, and representations herein, the parties desire to be legally bound and do agree as follows:

1.  The Central Florida MPO Alliance (the "Alliance") is hereby formed to:

    a.  Maintain and update a regional transportation plan;

    b.  Pursue funding opportunities to advance regionally significant facilities and services which may include the establishment of regional transportation project priorities for the TRIP;

    c.  Serve as a forum for exchanging information between members, especially on projects of regional significance;

    d.  Coordinate regional transportation planning and policy development with the Florida Department of Transportation;

    e.  Identify regional transportation opportunities;

    f.  Solve regional transportation issues; and

    g.  Establish legislative priorities that will assist in addressing the region's transportation needs.

2.  Each of the six organizations comprising the Alliance shall appoint three (3) voting policy Board members to serve on the Alliance. Each of the six organizations may appoint up to three (3) alternate representative who are also policy Board members. Terms of voting and alternate members shall run from the time of appointment by the member policy Board until said members no longer serve on the member MPO Board, or until replaced by the member MPO Board.

3.  The Alliance will meet quarterly. Quarterly meetings shall be held at MetroPlan Orlando located at 250 S. Orange Ave, Suite 200, Orlando, FL 32801 or a location designated and approved by the Chairperson of the Alliance. Annually, at least one meeting may be held off-site, at a mutually agreed

upon location, for the purpose of holding a joint meeting with the West Central Florida Chairs Coordinating Committee/TBARTA MPOs Chairs Coordinating Committee.

4.     At the last meeting in each calendar year, members of the Alliance shall select one of its members as a Chairperson, another member as Vice-Chairperson, and a third member as Secretary. The three officers shall serve a term of one year or until their successors are selected. In the event an officer is unable to complete the term of his or her office, a successor, from the same jurisdiction, shall be elected to complete the term or the Alliance may also choose the office remain vacant until the time of the next annual elections.

By mutual agreement of the Alliance members, MetroPlan Orlando staff will provide primary administrative support to the Alliance from existing staff. MetroPlan Orlando staff shall be responsible for preparing minutes, placement of advertisements and meeting notices, working with the member Directors to prepare an agenda, preparing and distributing agenda packages to all Alliance members and other interested parties, and providing orientation briefings to incoming Alliance members along with their respective members' staff. Also by mutual agreement, each member shall provide an annual contribution in the amount of five thousand dollars ($5,000) to MetroPlan Orlando for the purpose of covering expenses included, but not limited to, support staff as noted above, off-site meeting expenses, meeting advertising costs, copying and printing costs, technology costs, cost of postage and/or delivery service, and other publications/reports as approved by the Alliance such as a compilation of member organizations' Long Range Transportation Plans and Prioritized Project Lists into a regional document and compilation and publication of a Regional Indicators report. Other small scale studies may be approved by the Alliance based on funding availability.

5.     The Alliance shall utilize the Scott, Foresman *Robert's Rules of Order* Newly Revised (9th ed. 1990), as the official rules of procedure.

6.     Quorum. The Alliance shall consist of eighteen (18) members. The presence of ten (10) members at a meeting shall constitute a quorum. Every effort should be made to have at least one representative present from each member organization, however in the event this is unattainable, the Executive Director may act on behalf of their respective organization.  No action shall be taken by the Alliance except upon a majority vote of those present and voting. Because the Alliance operates on the basis of consensus, no substantive action shall be adopted by the Alliance on any issue if the majority of the members of any delegation (i.e., MetroPlan Orlando, the River to Sea TPO, the Space Coast TPO, the Lake-Sumter MPO, the Polk TPO, or the Ocala/Marion County TPO) present and voting shall oppose the proposed action.

7.     Technical and additional administrative support for the Alliance will be provided by existing staff from the members' respective organizations. All meetings of the Alliance shall be advertised at least three (3) days prior to said meeting by posting a notice at the office of each of the six (6) member organizations comprising the Alliance, setting forth the time, place, and date of said meeting and an agenda of said meeting, to include a notice published on the website of each organization. Further, a notice including the time, place, and date of the meeting shall be advertised in a newspaper of general circulation, as defined by Chapter 50, Florida Statutes, within Central Florida and the Florida Administrative Weekly. Minutes shall be taken at all Alliance meetings, and shall be consistent with the Government-in-the-Sunshine Act, Section 286.011, Florida Statutes. All meetings and other public records shall be maintained at the offices of MetroPlan Orlando, with a true and correct copy provided to each member organization.

8.	The organizations comprising the Alliance will maintain control of their respective funding and programming responsibilities, although opportunities may be identified for cooperative ventures such as through the Transportation Regional Incentive Program (TRIP) or other discretionary programs that may be established at the federal or state level.

9.	The Alliance is a regional collaborative and has no regulatory power. The Alliance shall take no position, or advocate any position, on any substantive matter, except for the substantive positions advocated by Alliance member organizations. The primary purposes of the Alliance shall be to maintain and update a regional transportation plan, pursue funding opportunities to advance regionally significant facilities and services, act as a clearinghouse with regard to regional transportation issues, and serve as a cooperative forum for member organization fact-finding and advocacy of positions espoused by its member organizations.

10.	The Alliance shall compare and review, at least every five (5) years, each member organization's adopted Long Range Transportation Plan for the purpose of identifying any potential planning area conflicts and/or opportunities for further regional coordination to advance projects of mutual interest. For the purposes of this review, the regional transportation area shall be all of Orange County, Seminole County, Osceola County, Volusia County, Brevard County, Lake County, Sumter County, Polk County, and Marion County. Additionally, Beverly Beach, Flagler Beach and portions of the cities of Palm Coast and Bunnell, as well as portions of unincorporated Flagler County are also included pursuant to the designated metropolitan planning area of the River to Sea TPO. This effort will be a collaborative effort involving all members of the Alliance with MetroPlan Orlando serving as the lead agency.

11.	Disagreements regarding interpretation of this Agreement or disputes relating to the development or content of the regional transportation plan shall be resolved by alternate dispute resolution, either through mediation or binding arbitration, as provided in Chapter 44 and Chapter 682, Florida Statutes.

12.	Amendments or modifications to this Agreement may only be made by written agreement signed by all parties hereto, with the same formalities as the original agreement.

13.	This Agreement shall remain in effect until terminated by the parties to this Agreement, or as otherwise provided by law. Any party may withdraw from this Agreement after presenting in written form to the other parties of this Agreement a notice of intent to withdraw, at least ninety (90) days prior to the intended date of withdrawal. The withdrawing party and the remaining parties shall execute a memorandum reflecting the legal withdrawal of the party and the alteration of the list of parties that are signatories to this Agreement.

14.	Notices. All notices, demands, and correspondence required or provided for under this Agreement shall be in writing and delivered in person or dispatched by certified mail, postage prepaid, return receipt requested. Notice required to be given shall be addressed to each respective MPO as follows:

| MetroPlan Orlando: | Space Coast TPO: |
|---|---|
| Mr. ~~Harold W. Barley~~ Gary Huttmann, Executive Director 250 S. Orange Avenue, Suite 200 Orlando, FL 32801 | ~~Mr. Bob Kamm~~Ms. Georganna Gillette, Executive Director 2725 Judge Fran Jamieson Way Bldg. B, MS 82 Viera, FL 32940 |
| **Lake-Sumter MPO**: | **Polk TPO:** |
| Mr. ~~T J Fish~~Michael Woods, Director 1616 South 14th Street Leesburg, FL 34748 | Mr. Tom Deardorff, Director Drawer TS-05 P.O. Box 9005 Bartow, FL 33831-9005 |
| **River to Sea TPO**: | **Ocala/Marion County TPO**: |
| Ms. Lois Bollenback, Executive Director 2570 W. International Speedway Blvd Suite 100 Daytona Beach, FL 32114 | Mr. Michael Daniels Executive Director 121 SE Watula Avenue Ocala, FL 34471 |

15. Interpretation.

   a. Drafters of Agreement. The parties hereto were each represented by or afforded the opportunity for representation by legal counsel and participated in the drafting of this Agreement and in choice of wording. Consequently, no provision hereof should be more strongly construed against any party as drafter of this Agreement.

   b. Severability. Invalidation of any one of the provisions of this Agreement or any part, clause, or word hereof, or the application thereof in specific circumstances, by judgment, court order, or administrative hearing or order shall not affect any other provisions or applications in other circumstances, all of which shall remain in full force and effect, provided that such remainder would then continue to conform to the terms and requirements of applicable law.

16. Enforcement by Parties Hereto. In the event of any judicial or administrative action to enforce or interpret this Agreement by any party hereto, each party shall bear its own attorney's fees in connection with such proceeding.

17. Agreement Execution; Use of Counterpart Signature Pages. This Agreement, and any amendments hereto, may be simultaneously executed in several counterparts, each of which is executed shall be deemed to be an original, and such counterparts together shall constitute one and the same instrument.

18. Effective Date; Cost of Recordation. This Agreement shall become effective upon its filing in the Office of the Clerk of the Circuit Court of each county in which a party thereto is located. Any amendment hereto shall become effective only upon its filing in the Office of the Clerk of the Circuit Court for each county in which a party hereto is located. The cost of recording shall be at the expense of each party.

**IN WITNESS WHEREOF**, the undersigned parties have executed this Interlocal Agreement on behalf of the referenced entities.

Signed, sealed, and delivered in the presence of:

**METROPLAN ORLANDO:**

BY:_____

TITLE:_____

ATTEST:_____

TITLE:_____

**SPACE COAST TPO:**

BY:_____

TITLE:_____

ATTEST:_____

TITLE:_____

**LAKE-SUMTER MPO:**

BY:_____

TITLE:_____

ATTEST:_____

TITLE:_____

**POLK TPO:**

BY:_____

TITLE:_____

ATTEST:_____

TITLE:_____

**RIVER TO SEA TPO:**

BY:_____

TITLE:_____

ATTEST:_____

TITLE:_____

**OCALA/MARION COUNTY TPO:**

BY:_____

TITLE:_____

ATTEST:_____

TITLE:_____

# Central Florida MPO Alliance Officers
## 2001 - 2018

| 2019 | Chair | River to Sea TPO |
| | Vice Chair | Polk TPO |
| | Secretary | Ocala-Marion |

| 2018 | Chair | Commissioner Leslie Campione, Lake-Sumter MPO |
| | Vice Chair | Council Member Deb Denys, River to Sea TPO |
| | Secretary | Commissioner Roy Tyler, Polk TPO |

| 2017 | Chair | Mayor Kathy Meehan, Space Coast TPO |
| | Vice Chair | Commissioner Leslie Campione, Lake-Sumter MPO |
| | Secretary | Council Member Deb Denys, River to Sea TPO |

| 2016 | Chair | Commissioner Scott Boyd, MetroPlan Orlando |
| | Vice Chair | Mayor Kathy Meehan, Space Coast TPO |
| | Secretary | Commissioner Leslie Campione, Lake-Sumter MPO |

| 2015 | Chair | Council Member Stan McClain, Ocala-Marion |
| | Vice Chair | Commissioner Scott Boyd, MetroPlan Orlando |
| | Secretary | Mayor Rocky Randels, Space Coast TPO |

| 2014 | Chair | Council Member Trudy Block, Polk TPO |
| | Vice Chair | Council Member Stan McClain, Ocala-Marion |
| | Secretary | Commissioner Daisy W. Lynum, MetroPlan Orlando |

| 2013 | Chair | Mayor Pro-Tem Leigh Matusick, Volusia TPO |
| | Vice Chair | Commissioner Pat Huff, Polk TPO |
| | Secretary | Commissioner Stan McClain, Ocala-Marion TPO |

| 2012 | Chair | Mayor Pro-Tem Ray Goodgame, Lake-Sumter MPO |
| | Vice Chair | Vice-Mayor Leigh Matusick, Volusia County TPO |
| | Secretary | Vacant, Polk TPO (Vice Mayor Tracy Garcia) |

| 2011 | Chair | Mayor Jim Tulley, Space Coast TPO |
| | Vice Chair | Councilman Ray Goodgame, Lake-Sumter MPO |
| | Secretary | Volusia County (Commissioner Ron Vath) |

| 2010 | Chair | Commissioner John Quinones, MetroPlan Orlando |
| | Vice Chair | Commissioner Ray Sharkey, Space Coast TPO |
| | Secretary | Councilman Ray Goodgame, Lake-Sumter MPO |

| 2009 | Chair | Council Member Kyle Kay, Ocala-Marion TPO |
| | Vice Chair | Commissioner John Quinones, MetroPlan Orlando |
| | Secretary | Commissioner Ray Sharkey, Brevard MPO |

| 2008 | Chair | Council Member Kyle Kay, Ocala-Marion TPO |
| | Vice Chair | Commissioner Teresa Jacobs, MetroPlan Orlando |
| | Secretary | Commissioner Ray Sharkey, Brevard MPO |

| 2007 | Chair | Mayor Roy Tyler, Polk TPO |
| | Vice Chair | Council Member Kyle Kay, Ocala-Marion TPO |
| | Secretary | Commissioner Teresa Jacobs, MetroPlan Orlando |

| 2006 | Chair | Mayor Roy Tyler, Polk TPO |
| | Vice-Chair | Council Member Kyle Kay, Ocala-Marion TPO |
| | Secretary | Commissioner Teresa Jacobs, MetroPlan Orlando |

| 2005 | Chair | Vice-Mayor Mary Martin, Volusia County MPO |
| | Vice Chair | Mayor Roy Tyler, Polk TPO |
| | Secretary | Council Member Kyle Kay, Ocala-Marion TPO |

| 2004 | Chair | Commissioner Bob Pool, Lake-Sumter MPO |
| | Vice Chair | Commissioner Pat Northey, Volusia County MPO |
| | Secretary | Mayor Roy Tyler, Polk TPO |

| 2003 | Chair | Commissioner Sue Carlson, Brevard MPO |
| | Vice Chair | Commissioner Robert Pool, Lake County |
| | Secretary | Commissioner Pat Northey, Volusia County MPO |

| 2002 | Chair | Commissioner Mary Jane Arrington, MetroPlan Orlando |
| | Vice Chair | Commissioner Sue Carlson, Brevard MPO |
| | Secretary | Commissioner Robert Pool, Lake County |

| 2001 | Chair | Council Member Pat Northey, Volusia County MPO |
| | Vice Chair | Commissioner Mary Jane Arrington, MetroPlan Orlando |
| | Secretary | Commissioner Robert Pool, Lake County |

**Rotation**:
Ocala-Marion
MetroPlan Orlando
Space Coast
Lake Sumter
River-to-Sea
Polk TPO

TAB 8

# 2019

# LEGISLATIVE PRIORITIES & POLICY POSITIONS

**The MPOAC supports State Legislation that:**

- Implements the recommendations from the MPOAC transportation revenue study and other options for expanding transportation revenue sources.

- Regulates distracted driving as a *primary* offense by prohibiting the use of <u>handheld</u> electronic wireless communications devices and other similar distracting devices while operating a moving motor vehicle.

- Restores funding to 2007 levels for the Transportation Regional Incentive Program (TRIP).

- Allows Strategic Intermodal System (SIS) funds to be used on transportation facilities not designated on the SIS if the improvement will enhance mobility or support freight transportation on the SIS.

- Establishes flexible and predictable funding for transit projects (capital and operating) identified through the metropolitan transportation planning process by removing various funding limitations for the State Transportation Trust Fund (STTF).

- Recognizes that federal metropolitan transportation planning funds shall not be regarded as state funds for purposes of expenditure.

- Supports the advancement of innovative transportation mobility solutions and policies that make Florida the national leader in creative approaches to addressing transportation needs, while simultaneously protecting citizens from malicious tampering with such technologies by making tampering a punishable offense.

Florida Metropolitan Planning Organization Advisory Council

## MPO**AC**

605 Suwannee Street | MS 28B
Tallahassee, FL 32399-0450
(850) 414-4037
www.mpoac.org

## PRIORITY POLICY POSITIONS

*The MPOAC Supports State Legislation that:*

1. **Implements the recommendations from the MPOAC transportation revenue study and other options for expanding transportation revenue sources.**
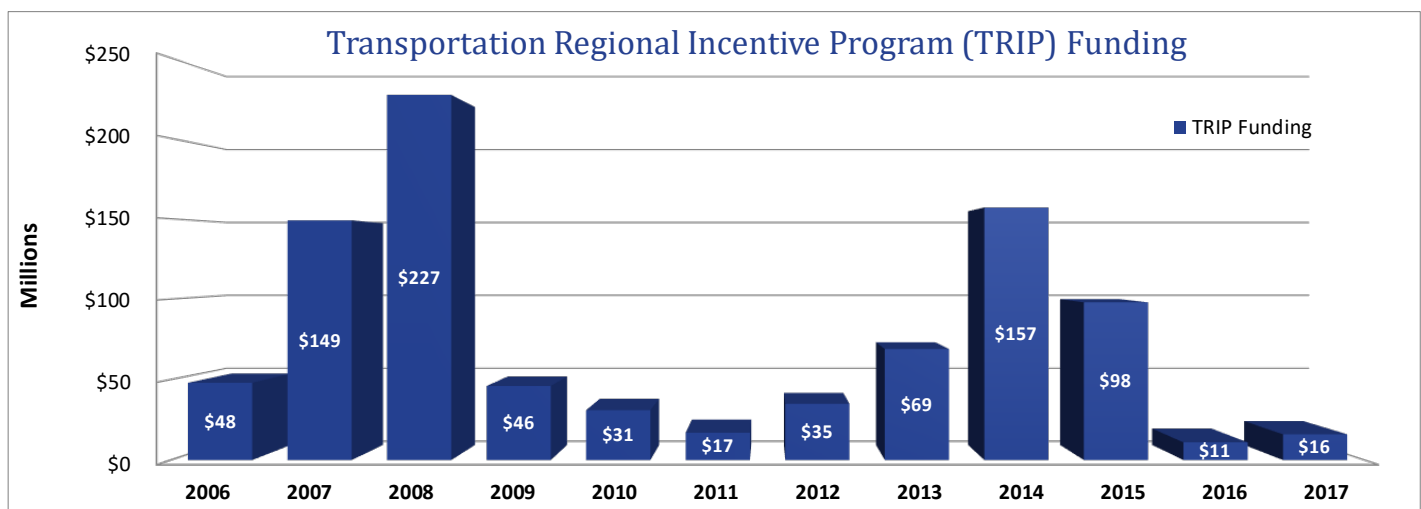
   *Key Recommendations:*
   - Expand the Charter County and Regional Transportation System Surtax to allow municipalities over 150,000 in population (or the largest municipality in a county) and all counties located in MPO areas to enact up to a one cent local option surtax by referendum.
   - Index local option fuel taxes to the consumer price index in a manner similar to the current indexing of state fuel taxes.
   - Identify potential revenue replacement sources for the current motor fuels tax which is no longer able to fully support the current or future needs of the transportation system.
   - Charge alternatively fueled vehicles a fee equal to the fuel tax paid by gasoline or diesel fueled vehicles.
   - Ban legislative appropriations for individual transportation projects (commonly referred to as earmarks). As an alternative, create a competitive grant program that benefits local projects.

2. **Regulates distracted driving as a *primary* offense by prohibiting the use of <u>handheld</u> electronic wireless communications devices and other similar distracting devices while operating a moving motor vehicle.**

   The 2013 Florida legislature enacted the "Florida Ban on Texting While Driving Law." The law prohibits operation of a moving motor vehicle while manually typing, sending or reading interpersonal communication (texting, e-mailing, instant messaging, etc.) using a wireless communications device, with certain exceptions. The law provides for enforcement of the ban as a secondary offense, meaning a driver would have to be pulled over for some other violation to get a ticket for violating the ban on texting. The 2014, 2015, 2016, 2017, and 2018 Florida Legislatures underscored the severity of distracted driving by considering bills that would have substantially increased the penalty for distracted driving, including making it a primary offense. Additionally, the legislature considered expanding the applicability of the law to include all uses of handheld electronic devices while driving. This legislative proposal would seek to strengthen the enforcement mechanism for the texting while driving ban by making it a primary offense to use handheld electronic wireless devices while driving.

3. **Restores funding to 2007 levels for the Transportation Regional Incentive Program (TRIP).**



Transportation Regional Incentive Program (TRIP) Funding

(TRIP Funding by year: 2006: $48; 2007: $149; 2008: $227; 2009: $46; 2010: $31; 2011: $17; 2012: $35; 2013: $69; 2014: $157; 2015: $98; 2016: $11; 2017: $16)

s the MPOs in carrying out the urbanized area transportation planning process by serving as the principal forum for collective policy discussion. he individual MPOs in the cooperative transportation planning process.

ectors' Advisory Committee consisting of the staff directors from each of the MPOs. The MPOAC annually prepares legislative policy positions al Association of MPOs (AMPO) and the National Association of Regional Councils (NARC) in Washington DC and works with other stakeholder

## ADDITIONAL POLICY POSITIONS

*The MPOAC Supports State Legislation that:*

4. **Allows Strategic Intermodal System (SIS) funds to be used on transportation facilities not designated on the SIS if the improvement will enhance mobility or support freight transportation on the SIS.**

   Current state law does not permit SIS funds to be spent on roads or other transportation facilities that are not part of the SIS, even if proposed improvements would directly benefit users of SIS facilities by enhancing mobility options or supporting freight movement in a SIS corridor. This legislative proposal would broaden the State's ability to improve passenger and freight mobility on SIS corridors by making eligible the expenditure of SIS funds on non-SIS roads and other transportation facilities where the benefit to users of SIS facilities can be demonstrated.

5. **Establishes flexible and predictable funding for transit projects (capital and operating) identified through the metropolitan transportation planning process by removing various funding limitations for the State Transportation Trust Fund (STTF).**

   Current state law limits the amount of funding that can be made available from the STTF for transit projects for both capital and operating expenses. These limitations, which are not in place for roadway funding, makes transit funding from the STTF less predictable for the purposes of planning and project implementation and artificially limits the ability of MPOs to implement priority transit projects. This proposal recognizes the critical role transit plays in moving people and goods within and between Florida's metropolitan areas by removing the distinction between transit and highway projects for the purpose of spending funds from the STTF.

6. **Recognizes that federal metropolitan transportation planning funds shall not be regarded as state funds for purposes of expenditure.**

   The United States Department of Transportation (USDOT) provides funding to metropolitan planning organizations (MPOs) to carry out their federally required duties. Those federal funds are given to states who in turn distribute them to MPOs based upon a formula agreed upon by the Florida Department of Transportation (FDOT) and the Florida MPOs and then approved by the Federal Highway Administration (FHWA). The Florida Department of Financial Services (DFS) has determined that the expenditure of federal funds by MPOs shall be subject to all state requirements, laws and regulations even where such laws conflict with federal laws, regulations and requirements. This limits the ability of the Florida MPOs to use federal funds for their intended purpose and impinges on their ability to carry out their responsibilities as outlined in federal rule. This proposal would clarify that federal monies passed through the State of Florida to MPOs and the Florida MPO Advisory Council (MPOAC) shall not be regarded as state funds for purposes of expenditure.

7. **Supports the advancement of innovative transportation mobility solutions and policies that make Florida the national leader in creative approaches to addressing transportation needs, while simultaneously protecting citizens from malicious tampering with such technologies by making tampering a punishable offense.**

   Transportation technologies have undergone a revolutionary leap forward over the past several years. A variety of transportation technologies are under development including autonomous vehicles and the hyperloop. It is the responsibility of the Florida legislature to ensure that the states laws and funding mechanisms support the development and implementation of these technological advances in the way people and freight will move in in and between our metropolitan areas. At the same time, it is incumbent upon the Florida legislature to ensure that the health and welfare of Florida's citizens and visitors are protected from possible harm presented by these new technologies, including the malicious and intentional interference of the proper functioning of transportation vehicles and systems. This proposal supports legislative efforts to implement innovative mobility solutions and polices while protecting the health and welfare of Florida's citizens and visitors.

# Florida Metropolitan Planning Organization Advisory Council

**MPOAC**

## GOVERNING BOARD

### Commissioner Nick Maddox, Chair
*Capital Region TPA*

### Councilmember Bryan Caletka, Vice-Chair
*Broward MPO*

**Commissioner Rodney Friend**
*Bay County TPO*

**Mr. Paul Anderson**
*Hillsborough County MPO*

**Councilmember Dick Rynearson**
*Okaloosa-Walton TPO*

**Commissioner James Herston**
*Charlotte County-Punta Gorda MPO*

**Mayor Bob McPartlan**
*Indian River County MPO*

**Mayor Melissa McKinlay**
*Palm Beach TPA*

**Councilmember Reg Buxton**
*Collier MPO*

**Commissioner Tim Sullivan**
*Lake-Sumter MPO*

**Mayor Camille Hernandez**
*Pasco County MPO*

**Comissioner Rob Williamson**
*Florida-Alabama TPO*

**Councilmember Jessica Cosden**
*Lee County MPO*

**Mayor Pro-Tem Nat Birdsong**
*Polk TPO*

**Vice Mayor Doreen Caudell**
*Forward Pinellas*

**Commissioner Vinny Barile**
*Martin MPO*

**Councilmember Pat Patterson**
*River to Sea TPO*

**Commissioner David Arreola**
*Gainesville MTPO*

**Commissioner Cheryl Grieb**
*MetroPlan Orlando*

**Commissioner Vanessa Baugh**
*Sarasota/Manatee MPO*

**Commissioner Terry Burroughs**
*Heartland Regional TPO*

**Commissioner Bruno Barreiro**
*Miami-Dade TPO*

**Mayor Kathy Meehan**
*Space Coast TPO*

**Commissioner Jeff Kinnard**
*Hernando/Citrus MPO*

**Commissioner Diane Hutchings**
*North Florida TPO*

**Vice Mayor Shannon Martin**
*St. Lucie TPO*

**Mayor Kent Guinn**
*Ocala/Marion County TPO*

## STAFF DIRECTORS' ADVISORY COMMITTEE

### Greg Stuart, Chair
*Broward MPO*

### Lois Bollenback, Vice-Chair
*River to Sea TPO*

**Mary Beth Washnock**
*Bay County TPO,*

**Steve Diez**
*Hernando/Citrus MPO*

**Michael Daniels**
*Ocala/Marion County TPO*

**Greg Slay**
*Capital Region TPA*

**Beth Alden**
*Hillsborough County MPO*

**Dawn Schwartz**
*Okaloosa-Walton TPO*

**Gary Harrell**
*Charlotte County-Punta Gorda MPO*

**Phil Matson**
*Indian River County MPO*

**Nick Uhren**
*Palm Beach MPO*

**Anne McLaughlin**
*Collier MPO*

**Michael Woods**
*Lake-Sumter MPO*

**John Villeneuve**
*Pasco County MPO*

**Austin Mount**
*Florida-Alabama TPO*

**Donald Scott**
*Lee County MPO*

**Tom Deardorff**
*Polk TPO*

**Whit Blanton**
*Forward Pinellas*

**Beth Beltran**
*Martin MPO*

**David Hutchinson**
*Sarasota/Manatee MPO*

**Scott Koons**
*Gainesville MTPO*

**Gary Huttman**
*MetroPlan Orlando*

**Georganna Gillette**
*Space Coast TPO*

**Patricia Steed**
*Heartland Regional TPO*

**Aileen Bouclé**
*Miami-Dade TPO*

**Peter Buchwald**
*St. Lucie TPO*

**Jeff Sheffield**
*North Florida TPO*

### Carl Mikyska, MPOAC Executive Director