

2023 STATE OF THE SYSTEM



ABOUT

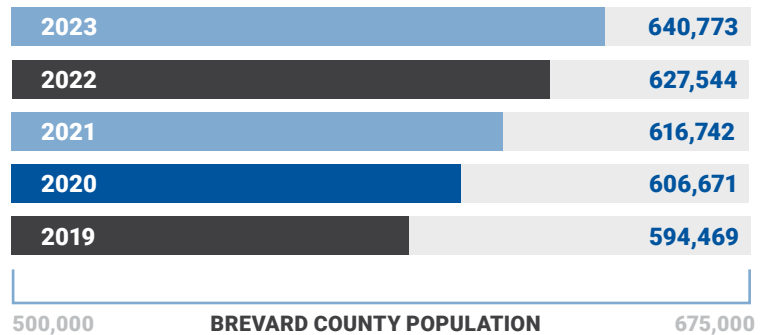
The Space Coast Transportation Planning Organization (TPO) annually evaluates the state of Brevard's transportation system. The results are summarized in the State of the System (SOS) report. The SOS considers usage and performance trends of various transportation modes -- highways, transit, seaport, airport and space. Safety, mobility and congestion levels are monitored. Thus, the SOS provides technical guidance to the TPO on where and how state and federal dollars can be programmed to enhance Brevard's transportation system.

POPULATION OVERALL GROWTH



▲ 7.2%
INCREASE
FROM 2019-2023

▲ 2.1%
INCREASE
FROM 2022-2023



TRAFFIC VOLUMES

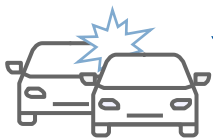


▼ 4.2%
DECREASE
FROM 2019-2023

▼ 0.6%
DECREASE
FROM 2022-2023

BREVARD COUNTY CRASH TRENDS

NUMBER OF CRASHES



▼ 3.0%
DECREASE
FROM 2019-2023

▲ 4.0%
INCREASE
FROM 2022-2023

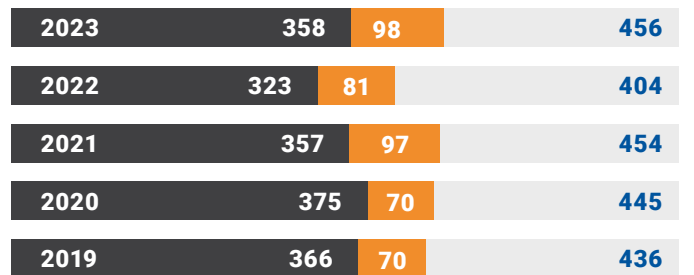


FATAL AND SERIOUS INJURY CRASHES



▲ 4.6%
INCREASE
FROM 2019-2023

▲ 12.9%
INCREASE
FROM 2022-2023



0 CRASH FREQUENCY 20,000

0 ■ SERIOUS INJURY CRASH ■ FATAL CRASH 700

SAFETY

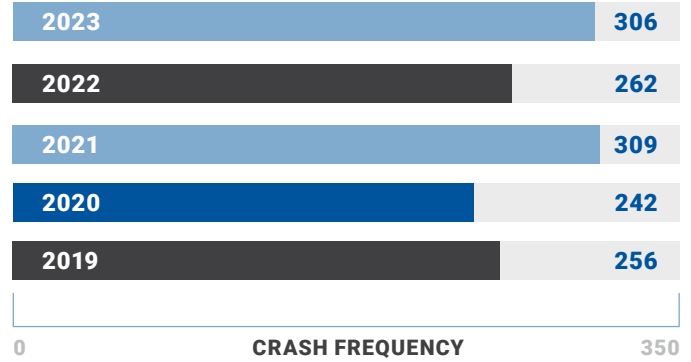
Safety metrics are also reviewed as part of the SOS safety analysis: total number of crashes, crash severity, intersection and corridor crashes, vulnerable road user crashes, lane departure crashes, impaired driving crashes, and distracted driving crashes. Crash numbers refer to all crashes in Brevard County.

PEDESTRIAN CRASHES



▲ **19.5%**
INCREASE
FROM 2019-2023

▲ **16.8%**
INCREASE
FROM 2022-2023

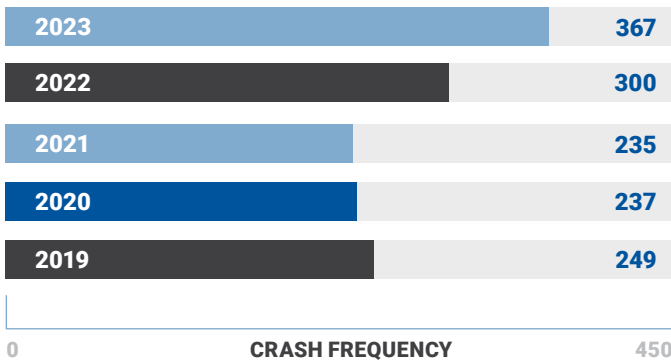


BICYCLE CRASHES



▲ **47.4%**
INCREASE
FROM 2019-2023

▲ **22.3%**
INCREASE
FROM 2022-2023

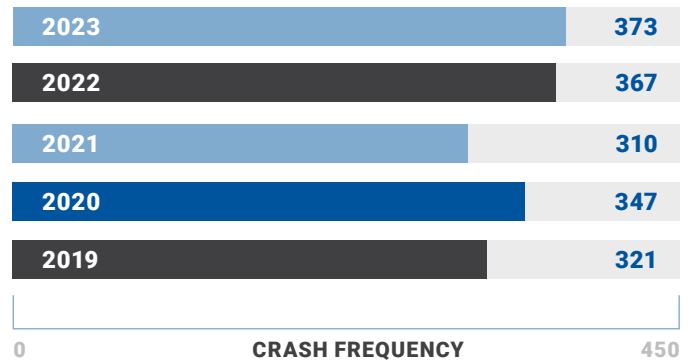


MOTORCYCLE CRASHES



▲ **16.2%**
INCREASE
FROM 2019-2023

▲ **1.6%**
INCREASE
FROM 2022-2023

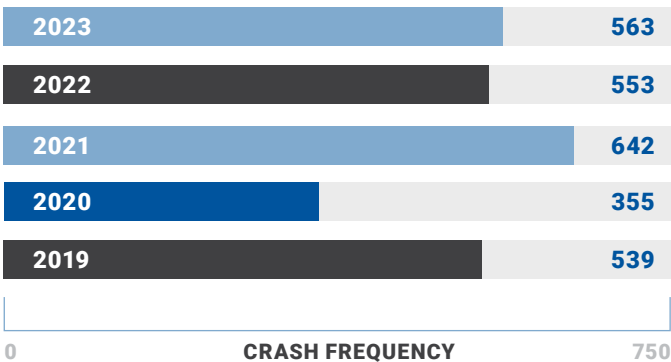


IMPAIRED DRIVING CRASHES



▲ **4.5%**
INCREASE
FROM 2019-2023

▲ **1.8%**
INCREASE
FROM 2022-2023

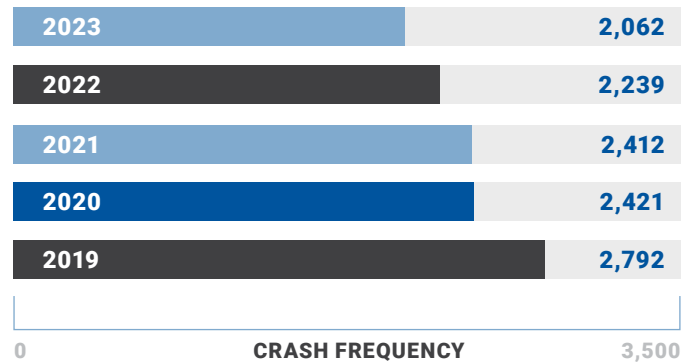


DISTRACTED DRIVING



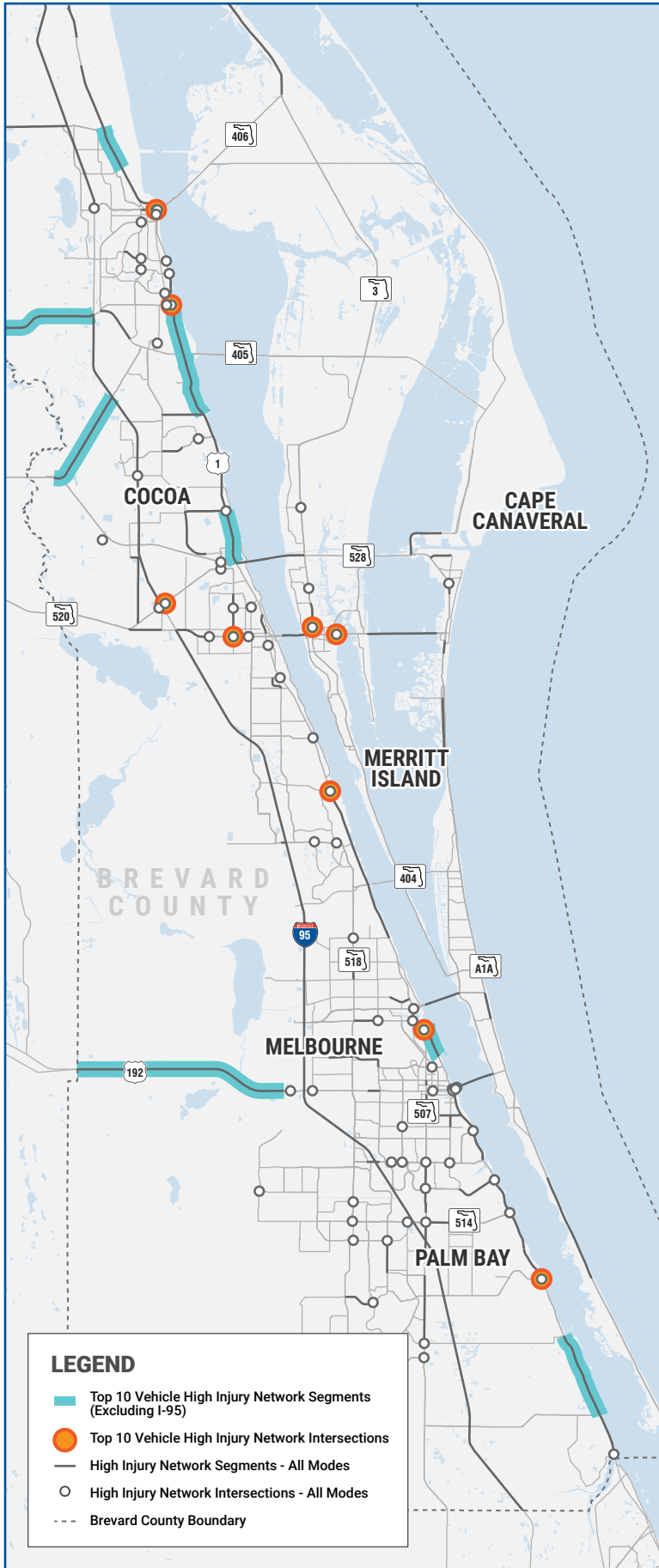
▼ **26.1%**
DECREASE
FROM 2019-2023

▼ **7.9%**
DECREASE
FROM 2022-2023



TOP VEHICLE HIGH INJURY NETWORK SEGMENTS AND INTERSECTIONS

During the SOS analysis, a High Injury Network was developed using 2019-2023 crash data with the same methodology used in the SCTPO Vision Zero Action Plan. This HIN was developed for vehicle, motorcycle, pedestrian, and bicycle road users and is shown on the map. The Top 10 Vehicle HIN segments (excluding I-95) and intersections are also shown in the map and the table below.



Top 10 Vehicle High Injury Network Segments (Excluding I-95)

| Rank | Corridor Roadway | From | To | Vehicle Crash Severity Score/Year |
|------|------------------|-------------|------------------------|-----------------------------------|
| 1 | US 192 | Osceola Co. | Simon Rd. | 1,437 |
| 2 | US 1 | SR 528 | Canaveral Groves Blvd. | 1,270 |
| 3 | US 1 | Micco Rd. | First St. | 1,224 |
| 4 | US 1 | Cherry St. | Ballard Dr. | 964 |
| 5 | US 1 | Dairy Rd. | SR 46 | 849 |
| 6 | SR 50 | Orange Co. | I-95 | 704 |
| 7 | US 1 | SR 405 | SR 50 | 704 |
| 8 | US 1 | Kings Hwy. | SR 405 | 681 |
| 9 | SR 407 | SR 528 | I-95 | 681 |

Note: There are 3 segments tied for tenth place in the vehicle HIN not shown in the map/table.

Top 10 Vehicle High Injury Network Intersections

| Rank | Street 1 | Street 2 | Vehicle Crash Severity Score/Year |
|------|---------------------------|------------------------|-----------------------------------|
| 1 | N. Courtenay Pkwy. (SR 3) | Merritt Ave. | 849 |
| 2 | US 1 | Valkaria Rd. | 566 |
| 3 | SR 520 | Clearlake Rd. (SR 501) | 352 |
| 4 | US 1 (SB Hopkins Ave.) | SR 406 (Garden St.) | 329 |
| 5 | US 1 | SR 50 | 306 |
| 5 | Babcock St. | US 1 | 306 |
| 5 | SR 520 | Sykes Creek Pkwy. | 306 |
| 5 | US 1 | Viera Blvd. | 306 |
| 5 | Friday Rd.(N) | SR 524 | 306 |

Note: There are 19 intersection tied for tenth place in the vehicle HIN not shown in the map/table.

COUNTYWIDE TRENDS

Various mobility trends are reviewed as part of the SOS transportation analysis: transit ridership, airplane passengers, cruise ship passengers, port cargo tonnage, and space missions. The funds provided to the TPO each year are also monitored.

CRUISE PASSENGERS (MILLIONS)

FISCAL YEARS JULY 2018-JUNE 2023



▲ **46.3%**
INCREASE
FROM 2019-2023

▲ **66.5%**
INCREASE
FROM 2022-2023

PORT CARGO (MILLION TONS)

FISCAL YEARS JULY 2018-JUNE 2023



▲ **12.2%**
INCREASE
FROM 2019-2023

▲ **8.2%**
INCREASE
FROM 2022-2023

SPACE LAUNCHES



▲ **350.0%**
INCREASE
FROM 2019-2023

▲ **26.3%**
INCREASE
FROM 2022-2023

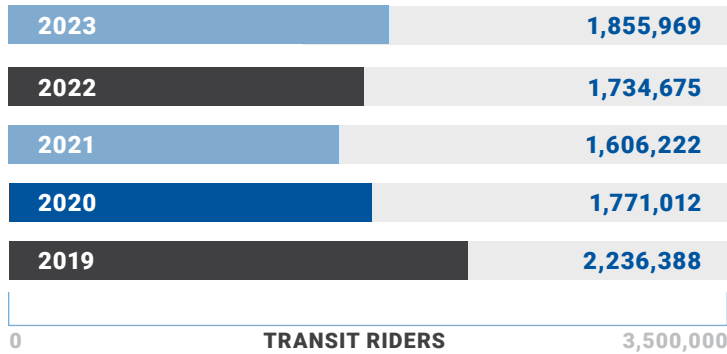
SPACE COAST AREA TRANSIT RIDERS

FIXED ROUTE, VANPOOL, AND PARATRANSIT



▼ **17.0%**
DECREASE
FROM 2019-2023

▲ **7.0%**
INCREASE
FROM 2022-2023



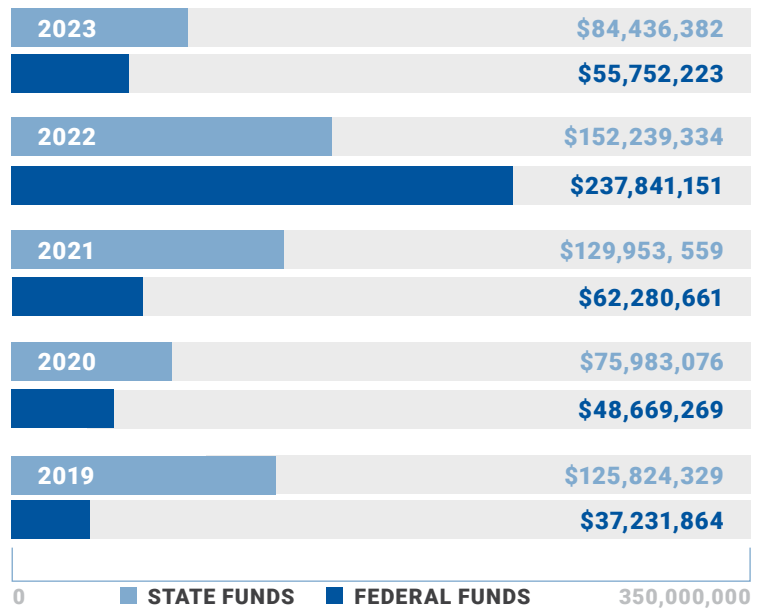
FEDERAL AND STATE FUNDS PROGRAMMED

PROGRAMMED



2019
\$163,056,193

2023
\$140,188,605



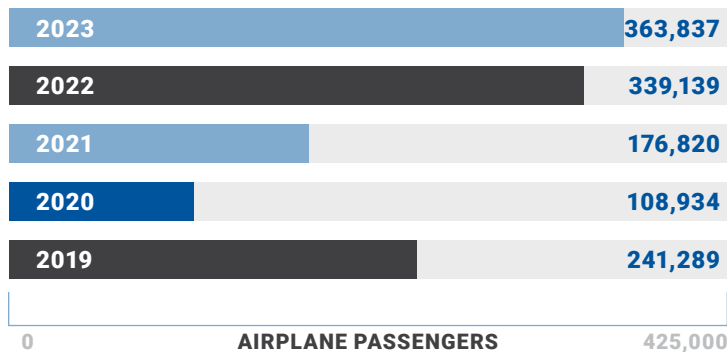
MELBOURNE ORLANDO

INTERNATIONAL AIRPORT PASSENGERS



▲ **50.8%**
INCREASE
FROM 2019-2023

▲ **7.3%**
INCREASE
FROM 2022-2023



For more information, please contact the Space Coast Transportation Planning Organization:

2725 Judge Fran Jameison Way
Building B, Room 105, MS #82
Melbourne, FL 32940

321.690.6890

tpostaff@spacecoasttpo.com
www.spacecoasttpo.com

