

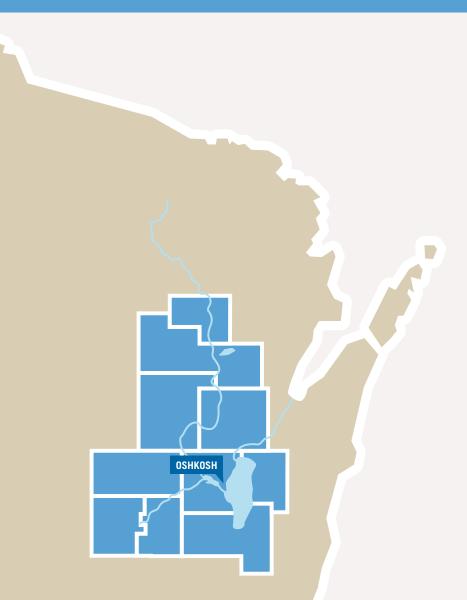




The Oshkosh Urbanized Area will have a safe, efficient, and effective transportation network which provides options for the mobility needs of all people, goods, and services, while maximizing available resources, such as land, energy, and finances.

-Oshkosh MPO Vision

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THE OSHKOSH MPO INCLUDES ALL OR PORTIONS OF THE CITY OF OSHKOSH AND THE TOWNS OF ALGOMA, BLACK WOLF, NEKIMI, OMRO, OSHKOSH, AND VINLAND.



INTRODUCTION

PURPOSE & BACKGROUND OSHKOSH MPO

The annual State of the System Report is designed to evaluate the status of the Oshkosh Metropolitan Planning Organization (MPO) transportation system and track the progress of performance measures through datasets and maps. The report will provide MPO staff, local government staff, and outside service providers data about transportation systems.

BIL & IIJA

The Bipartisan Infrastructure Law (BIL) was signed into law on November 15, 2021. Passed as the Infrastructure and Investment in Jobs Act (IIJA), the BIL outlines federal funding programs for infrastructure including public transit, micro-transit, motor vehicle and freight safety, highway efficiency, hazardous material transportation, equity, and environmental protection. The BIL reemphasizes the integral relationship land use has with transportation infrastructure, as well as the need to address mobility from a multimodal perspective, as previously emphasized under the FAST Act, MAP-21, TEA-21, and SAFETEA-LU.

A series of performance measures have been established by the U.S. Department of Transportation, the Wisconsin Department of Transportation, and the Oshkosh MPO to monitor conditions of the transportation system on a local and national scale. Six components of the Oshkosh MPO transportation system are monitored throughout this report: roadways, transit, bicycle and pedestrian network, the Safe Routes to School program, airports, and freight.

MPO Structure

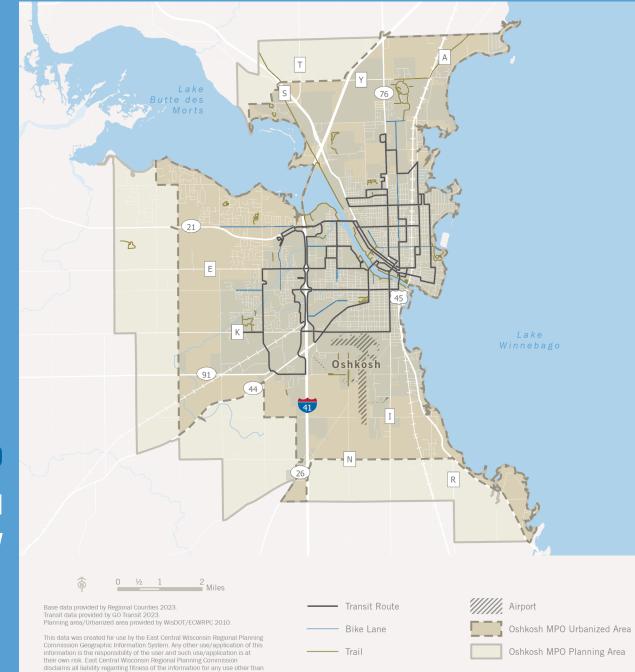
A Metropolitan Planning Organization (MPO) is the policy board of an organization created and designated to carry out the metropolitan transportation planning process. MPOs are required to represent localities in all urbanized areas with populations over 50,000. An urbanized area with a population over 200,000 people, as defined by the U.S. Census Bureau and designated by the Secretary of the U.S. Department of Transportation, is called a Transportation Management Area. In 2023, the population of the Oshkosh MPO planning area was approximately 79,180.

The Oshkosh MPO is comprised of local and regional transportation professionals and elected officials. The MPO consists of three committees: the Transportation Committee (Policy Board), the Technical Advisory Committee (TAC), and the Commission Board. The committees direct and monitor transportation plans with guidance from MPO staff at the East Central Wisconsin Regional Planning Commission.

Boundary Changes & Updates

ECWRPC staff are working with local communities to update the urban area boundary for the Oshkosh MPO. The boundary is updated every 10 years to reflect population and land use changes. The new boundary will require approval from WisDOT before adoption. The new urban area boundary will then be used to update the functional classification system for the MPO.

TRANSPORTATION MANAGEMENT GOALS the U.S. Department of and the U.S. Congress
To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
To maintain the highway infrastructure asset system in a state of good repair.
To achieve a significant reduction in congestion on the National Highway System.
To improve the efficiency of the surface transportation system.
To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
To enhance the performance of the transportation system while protecting and enhancing the natural environment.
To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices



for East Central Wisconsin Regional Planning Commission business.

OSHKOSH MPO TRANSPORTATION SYSTEM OVERVIEW

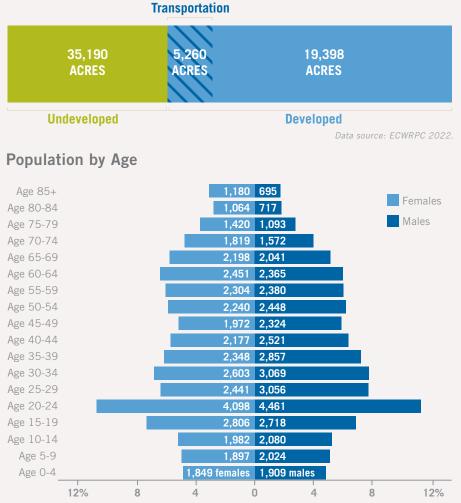


OVERVIEW OF THE OSHKOSH MPO

LAND USE & POPULATION OSHKOSH MPO

The Oshkosh MPO is located within Winnebago County, bordering Lake Winnebago to the east and Lake Butte des Morts to the west. The current population is 79,180 people and the median age is 37.5 years. The MPO planning area encompasses 45,883 total acres and includes those areas potentially influenced by the expansion of urban development over the long-term.

Existing Land Use



Data source: ESRI Business Analyst 2023.

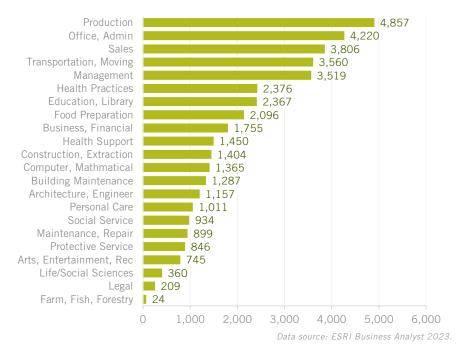
EMPLOYMENT OSHKOSH MPO

The Oshkosh MPO area's vibrant business community is made up of 2,772 businesses and 45,556 employees. White collar workers constitute 60% of the labor force, while the remaining 40% of workers are blue collar and service workers. There are also two college-level campuses within the Oshkosh MPO: University of Wisconsin Oshkosh and Fox Valley Technical College.

Employment Quick Facts



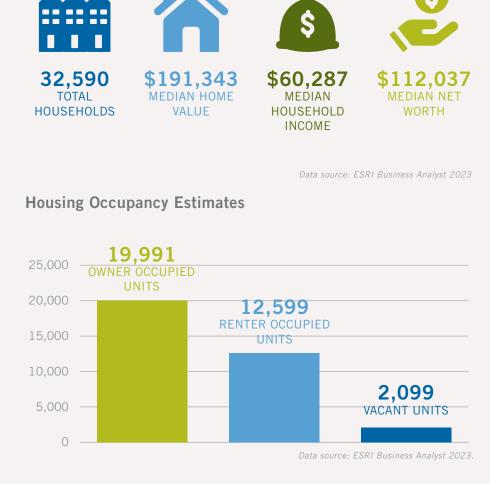
Number of Employees by Occupation



HOUSING & INCOME OSHKOSH MPO

There are an estimated 32,590 households within the Oshkosh MPO planning area, with an average household size of 2.22 people. The Wisconsin Department of Administration predicts that household growth within the MPO will be modest, adding about 3,400 households from 2020 to 2040. In total, 2,892 households receive SNAP benefits and 9,527 households receive social security income.

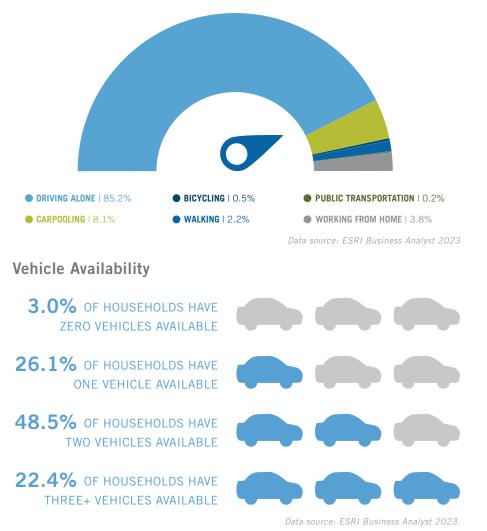
Housing & Income Quick Facts



COMMUTING OSHKOSH MPO

There are approximately 37,025 people commuting within the Oshkosh MPO. In 2022, 47% of people commuted to work in less than 15 minutes, 34% commuted in 15-30 minutes, and the remaining 20% commuted in over 30 minutes. While 85% of workers drive alone to work, it should be noted that 3% of households do not have access to a vehicle at all.

Means of Transportation to Work





OSHKOSH MPO FUNDING & PROJECTS

MPO FUNDING AWARDED OSHKOSH MPO

The Federal Surface Transportation Block Grant (STBG) Program provides funding for Metropolitan Planning Organizations to improve federal-aid-eligible roads and streets. Projects receiving STBG dollars may be funded at a federal level between 50 and 80 percent and are included in the annual Transportation Improvement Program (TIP). In 2023, special funding cycles opened for the Surface Transportation Block Grant Program. ECWRPC staff administer this program, and after a scoring of projects, the following project was awarded by the Oshkosh MPO.

STBG-U Funding Awarded in 2023

МРО	Project Description	Program	Awarded Federal Funds
Oshkosh MPO	Leonard Point Rd <i>Town of Algoma</i> Highland Shore Ln to STH 21	STP Urban	\$4,152,708



Funding data: ECWRPC 2023.

TRANSPORTATION COMMITTEE FOR THE OSHKOSH MPO

TRANSPORTATION COMMITTEE

NAMEREPRESENTATIONNICK KESLERCALUMET COUNTYJOHN ZORNFOND DU LAC COUNTYJOE MOOREFOND DU LAC COUNTYJOE MOOREFOND DU LAC COUNTYJANE COMSTOCKMENOMINEE COUNTYLEE HAMMENOUTAGAMIE COUNTYTHOMAS KAUTZASHAWANO COUNTYDICK KOEPPENWAUPACA COUNTYROBERT KELLERWINNEBAGO COUNTYRONALD MCDONALDVALLEY TRANSITSCOTT NELSONWISDOT

TIP PROJECTS OSHKOSH MPO

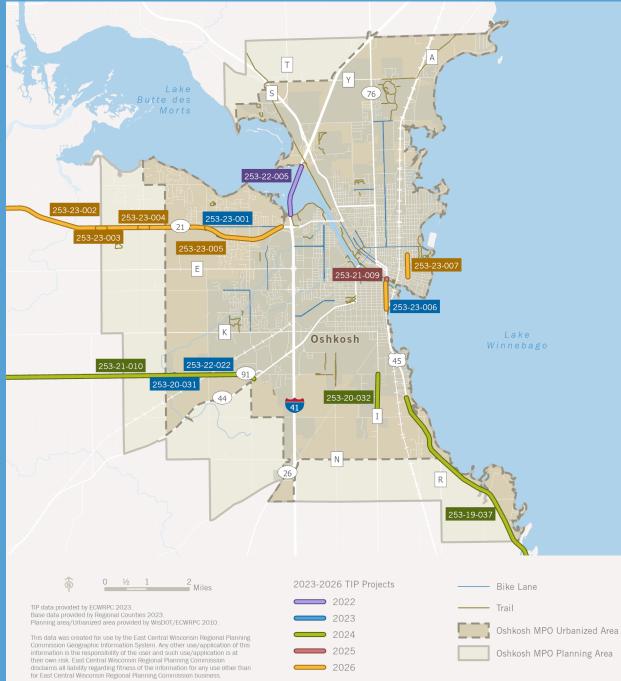
The Transportation Improvement Program (TIP) is a list of transportation projects in the MPO that will be utilizing federal funds over the next four years. ECWRPC works with WisDOT, transit operators, and local governmental jurisdictions to update the TIP annually. The TIP is reviewed by the Technical Advisory Committee and Policy Board of the MPO, as well as WisDOT for inclusion in the State Transportation Improvement Program (STIP). The 2023-2026 TIP for the Oshkosh MPO was approved on October 28, 2022.

Top Roadway and Bridge Projects in the 2023-2026 TIP by Funding Amount

TIP Numbers	Project Description	Program	Funding	
253-21-010 253-20-031 253-21-025 253-22-022 253-21-010	STH 91 Oshkosh to Berlin Resurface and Bridge Replacement	Surface Transportation Block Grant Urban (STBG-Urban)	Local State Federal Total	\$ 30,000 \$3,692,000 <u>\$14,479,000</u> \$18,201,000
253-19-037 253-21-009 253-23-006	USH 45 Oshkosh to Fond du Lac County Resurface, Bridge Rehabilitation, and Pavement Replacement	National Highway Performance Program (NHPP)	Local State Federal Total	\$1,185,000 \$0 <u>\$1,186,000</u> \$2,371,000
253-23-001 253-23-002 253-23-003 253-23-004 253-23-005	STH 21 Washburn St to Reighmoor Rd Reconstruction, Resurface, and Bridge Rehabilitation	National Highway Performance Program (NHPP), and Highway Safety Improvement Program (HSIP)	Local State Federal Total	\$0 \$1,404,000 <u>\$7,438,000</u> \$8,842,000
253-23-007	Bowen St Otter Ave to E Parkway Ave Pavement Replacement	Surface Transportation Block Grant Urban (STBG-Urban) * <i>MPO Selected</i>	Local State Federal Total	\$5,820,000 \$0 <u>\$1,883,000</u> \$7,703,000
253-22-005	I-41 Lake Butte Des Morts Bridge Reconstruction	National Highway Performance Program (NHPP)	Local State Federal Total	\$0 \$235,000 <u>\$2,117,000</u> \$2,235,200



TIP data: ECWRPC 2023.



OSHKOSH MPO 2023-2026 TIP ROADWAY & BRIDGE PROJECTS



OSHKOSH MPO PERFORMANCE MEASURES

ROADWAYS OSHKOSH MPO

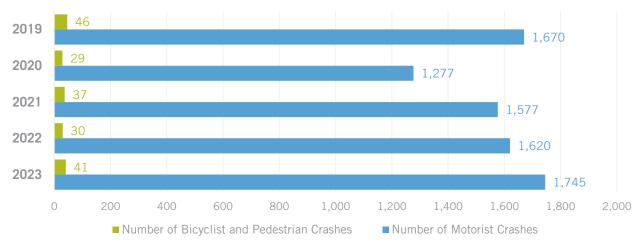
By providing a cooperative and comprehensive transportation planning process, the Oshkosh MPO aims to address traffic congestion, improve infrastructure resilience, and create safer roadways. In 2023, the MPO experienced 1,786 total motorist, bicyclist, and pedestrian crashes.

Roadway Performance Measures

Roadway 3-Year Trends

	100.0%	90.3%	100.0%	
	PERSON-MILES TRAVELED ON THE INTERSTATE THAT ARE RELIABLE	2020	2021	2022
92.1% PM3 PERSON-MILES TRAVELED ON NON- INTERSTATE ROADS THAT ARE RELIABLE	93.0%	89.2%	92.1%	
	2020	2021	2022	
1,745 PM1 MOTORIST CRASHES	1,745 PM1 (3)	1,577	1,613	1,745
	2021	2022	2023	
ACTION OF THE SERIOUS & THE SE		21	22	24
	2021	2022	2023	

Total Crashes by Year and Mode of Transportation (2019-2023)



2023 CRASH FACTORS ALL MODES IN THE OSHKOSH MPO



SPEED 168 crashes

INTERSECTION 667 crashes

ALCOHOL/DRUGS 114 crashes

.

INATTENTIVE DRIVING 254 crashes

CONSTRUCTION ZONE 15 crashes

(◄) (◄) = One-Year Trend

Crash data: WisDOT 2023. LOTTR data: WisDOT 2022.

ROADWAYS OSHKOSH MPO

With over 400 miles of roadway, the Oshkosh MPO is crisscrossed by asphalt, concrete, and steel to deliver products and connect people to essential resources. Quality roadways help to keep the average daily commute under 30 minutes throughout the area.

Roadway Performance Measures Roadway 3-Year Trends 56.6% РМ2 💌 60.3% 49.4% BRIDGES WITH A SUFFICIENT RATING 2021 2022 32.9% РМ2 💌 32.5% 22.2% BRIDGES ELIGIBLE FOR FUNDING 20 83.7% PM2 🔊 81 NON-INTERSTATE PAVEMENT IN FAIR TO **EXCELLENT CONDITION** 2 7.0 🔊 N AVERAGE PASER RATING (1-10) 2021 2022

NHS Roadway Mileage by Functional Class and Average PASER Rating (2023)



2021	2022	2023
1.8%	82.9%	83.7%
2021	2022	2023
New	6.9	7.0
2021	2022	2023

56.6%

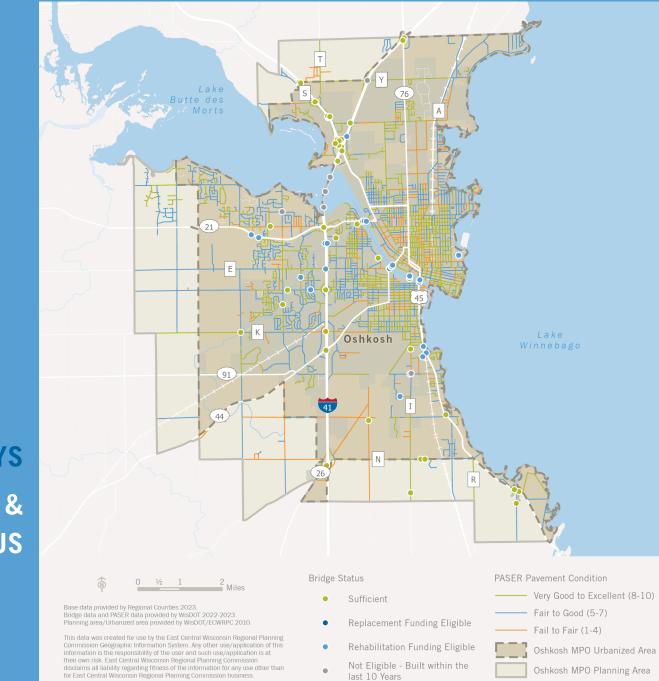
2023

32.9%



(◄) (◄) (◄) = One-Year Trend

Bridge, PASER, functional class data: WisDOT 2023.



ROADWAYS PASER CONDITION & BRIDGE STATUS

TRANSIT OSHKOSH MPO

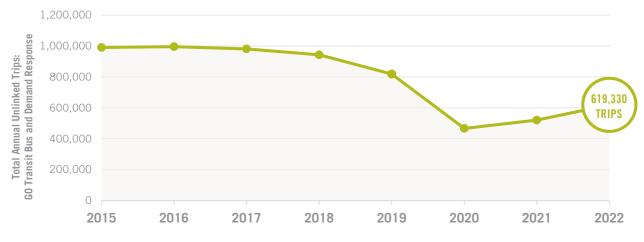
GO Transit's fixed-route buses and demand-response services, including paratransit and Access to Jobs, help people access essential services all around Oshkosh six days per week. GO Transit operates a total of 9 fixed routes and also offers a free transit to school program.

Transit Performance Measures

Transit 3-Year Trends

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	571,151  GO TRANSIT ANNUAL UNLINKED TRIPS:	424,372	472,607
VS	BUS	2020	2021
•	48,179	42,469	48,215
<b>9</b> 5'	FDLAT ANNUAL UNLINKED TRIPS: DEMAND RESPONSE	2020	2021
	11 🔊	10	10
	TOTAL BUSES OPERATED BY FDLAT AT MAXIMUM SERVICE	2020	2021
	4.0 ⊗	4.4	5.4
	AVERAGE AGE (IN YEARS) OF FDLAT BUS FLEET	2020	2021

#### GO Transit: Total Annual Unlinked Trips (2015-2022)



# GO TRANSIT BUS FIXED ROUTE

**TRANSIT SERVICES** 





Unlinked trips, bus fleet data: FTA 2022.

571,151

2022

48,179

2022

11

2022

4.0

2022

## TRANSIT OSHKOSH MPO

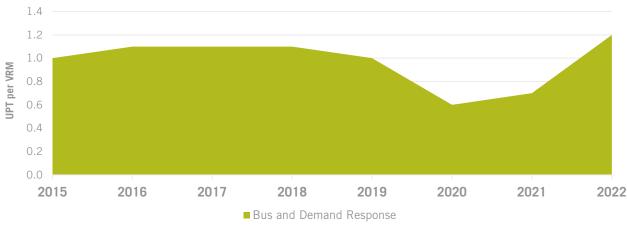
GO Connect is a new, microtransit service that provides rides to and from the Oshkosh Transit Center and the Neenah Transit Center. In 2023, state and local officials received a federal grant to study expanding Amtrak passenger rail service from Milwaukee to Green Bay with a stop in Oshkosh.

#### **Transit Performance Measures**

#### **Transit 3-Year Trends**

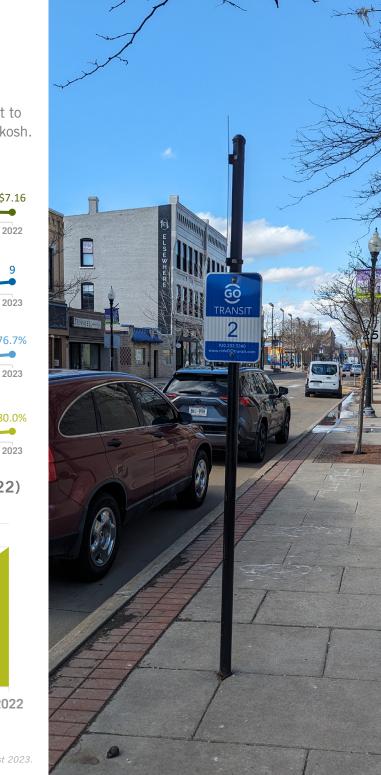
Ä	<b>\$7.16</b> ⊗	\$9.11	\$8.73	\$7.1
\$	GO TRANSIT OPERATING EXPENSES PER UNLINKED PASSENGER TRIP	2020	2021	2022
9 TOTAL FIXED ROUTES		New	New	9
		2021	2022	2023
	76.7% OF PEOPLE IN THE MPO LIVE WITHIN 1/2	New	New	76.79
MILE FROM A TRANSIT LINE	2021	2022	2023	
	80.0%	New	New	80.09
	OF EMPLOYEES IN THE MPO WORK WITHIN 1/2 MILE FROM A TRANSIT LINE	2021	2022	2023

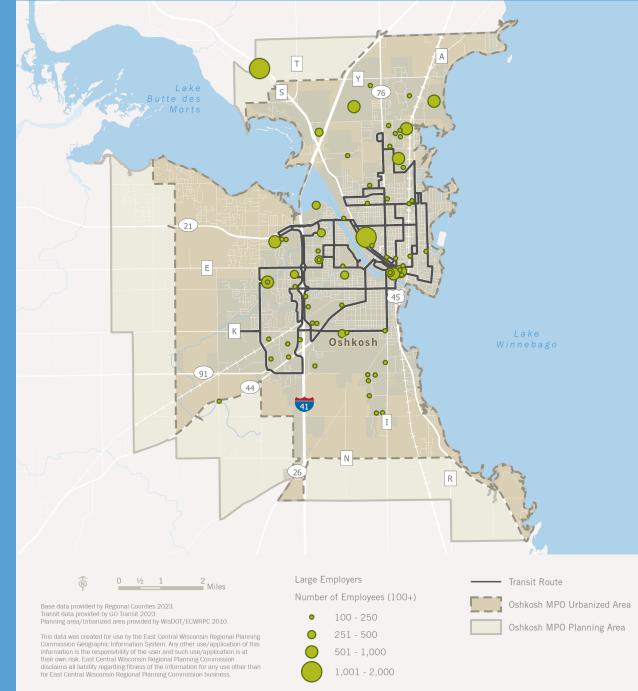
#### GO Transit: Unlinked Passenger Trips (UPT) per Vehicle Revenue Miles (VRM) (2022)



(◄) (◄) = One-Year Trend

Bus, demand response data: FTA 2022. Population, employee data: ESRI Business Analyst 2023.





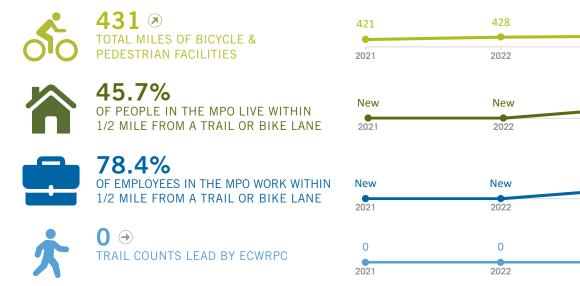
## TRANSIT ACCESS TO LARGE EMPLOYERS

## **BICYCLE & PEDESTRIAN NETWORK** OSHKOSH MPO

Bicycling and walking are popular forms of recreation and exercise that also serve an important transportation function. Guided by the vision of local, county, and regional plans, the bicycle and pedestrian network in the Oshkosh MPO area is growing steadily.

#### **Bike & Ped Performance Measures**

Bike & Ped 3-Year Trends



#### Bicycle and Pedestrian Facility Mileage and Annual Change (2022-2023)



(◄) (◄) (◄) = One-Year Trend

Crash data: WisDOT 2023. Bicycle & pedestrian facility data: ECWRPC 2023.



Complete streets are for everyone, no matter who they are or how they travel. Each street should be examined in its own context to determine the appropriate bicycle and pedestrian facilities.



**SPACE FOR PEOPLE** curb extensions, sidewalks



431

2023

79.7%

2023

78.4%

2023

0

2023

**SPACE FOR BIKES** Bike lanes, trails, wide paved shoulders



**SPACE FOR CARS** travel lanes, traffic calming



**SPACE FOR MASS** TRANSIT Bus pullouts, shelters,

transit-only lanes



Shared bike and scooter



#### **SPACE FOR COMFORT** & CULTURE

Street furniture, parks,

## BICYCLE & PEDESTRIAN NETWORK OSHKOSH MPO

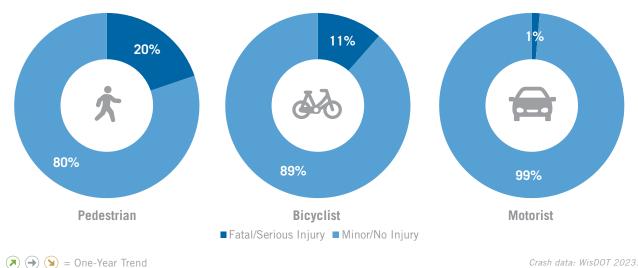
Bicycle and pedestrian infrastructure is on the rise; new segments of the Oshkosh Riverwalk along the Fox River are in the late stages of planning. Popular trails in the MPO include the Tribal Heritage Crossing Trail and the Wiouwash State Trail, which link regional communities together.

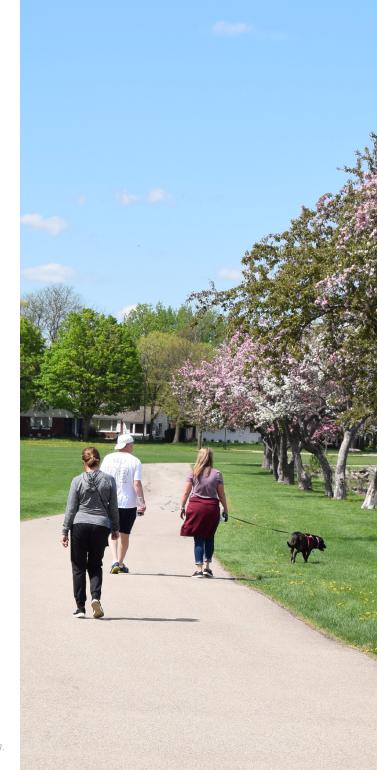
**Bike & Ped 3-Year Trends** 

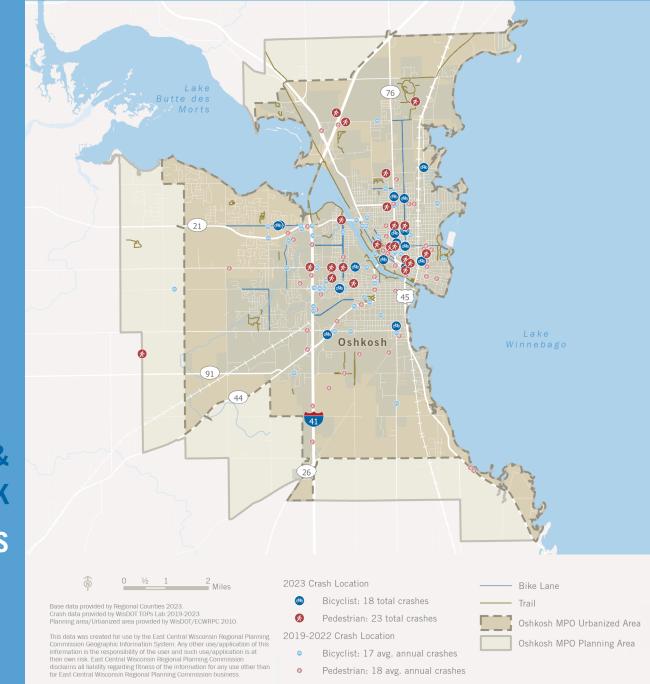
#### PM1 PEDESTRIAN CRASHES **18**_{PM1} 🔊 BICYCLE CRASHES 2 РМ1 🕑 Δ **BICYCLE & PEDESTRIAN CRASHES WITH** SERIOUS INJURIES **1** PM1 **O** BICYCLE & PEDESTRIAN CRASHES WITH FATALITIES

#### Crash Severity by Mode of Transportation (2021-2023)

**Bike & Ped Performance Measures** 







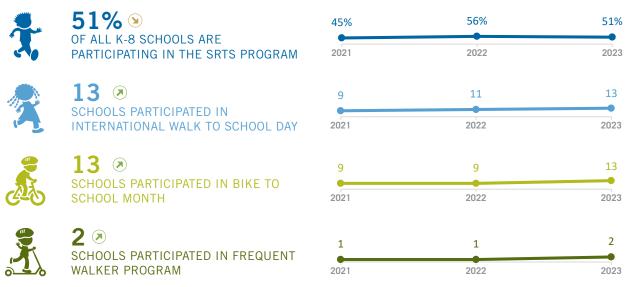
BICYCLE & PEDESTRIAN NETWORK CRASHES

## SAFE ROUTES TO SCHOOL OSHKOSH MPO

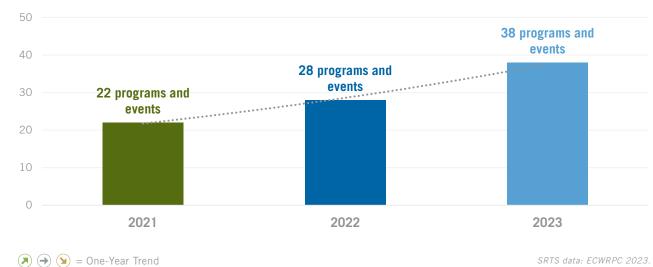
Walking and biking to school are healthy, affordable, and empowering behaviors that contribute to student's success, and provide a foundation for life long healthful habits. The Regional Safe Routes to School Program collaborates with schools to generate interest in walking and biking to school.

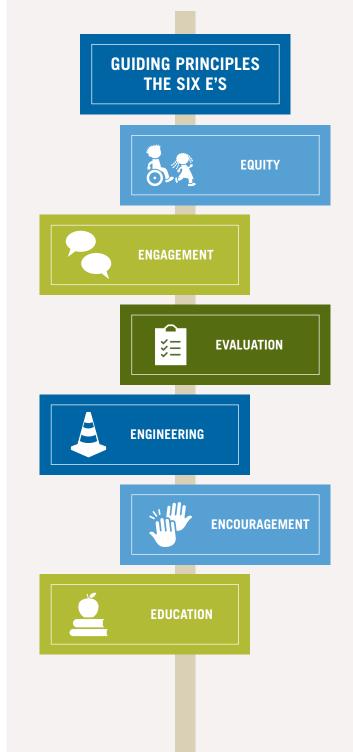
#### **SRTS Performance Measures**

#### SRTS 3-Year Trends



#### Total SRTS Events and Programs Participated In by Year (2021-2023)





## SAFE ROUTES TO SCHOOL OSHKOSH MPO

As more students are driven to school, congestion and traffic safety concerns in school zones increase. By addressing these issues, Safe Routes to School initiatives can increase the number of students who are able to walk and bike to school, bringing benefits to the entire school community.

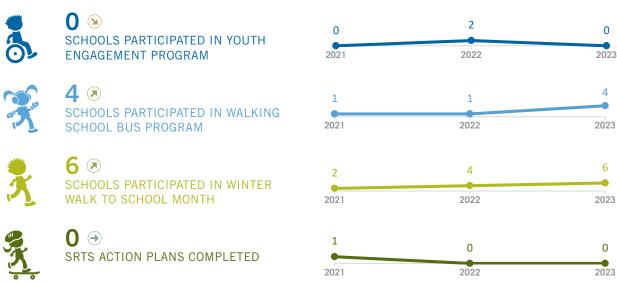
#### **SRTS Performance Measures**

SRTS 3-Year Trends

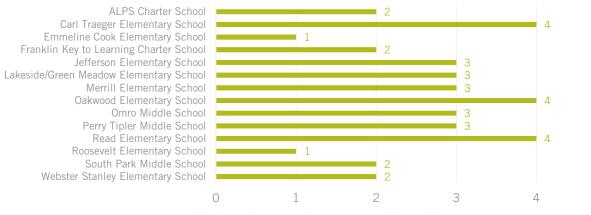
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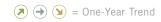
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#### Annual School Participation in Individual SRTS Events and Programs (2023)

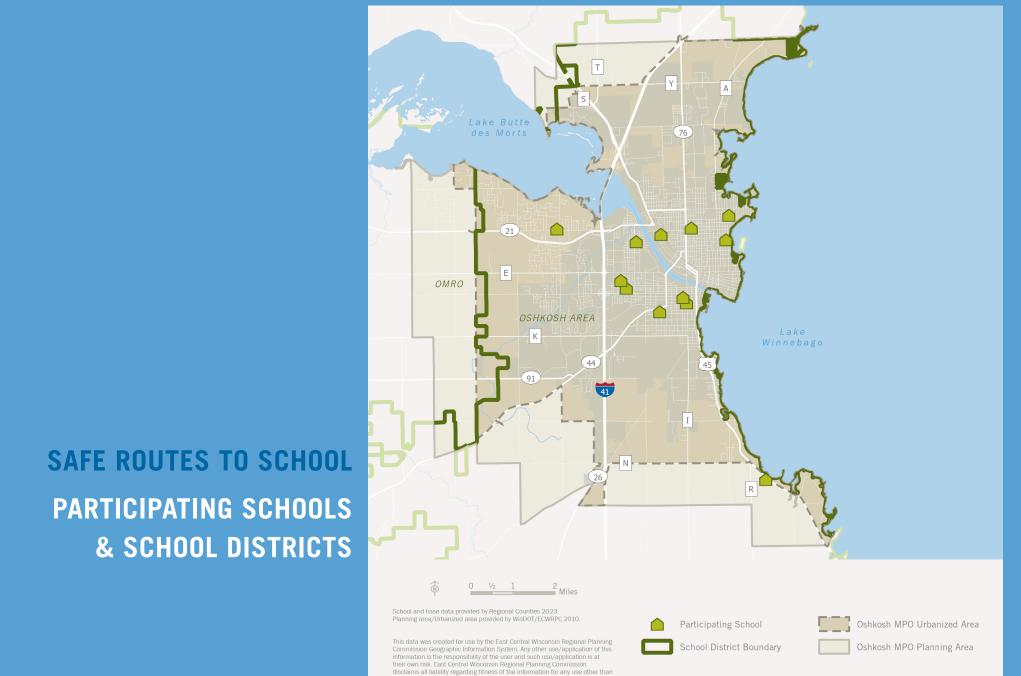


Number of events and programs participated in



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for East Central Wisconsin Regional Planning Commission business.

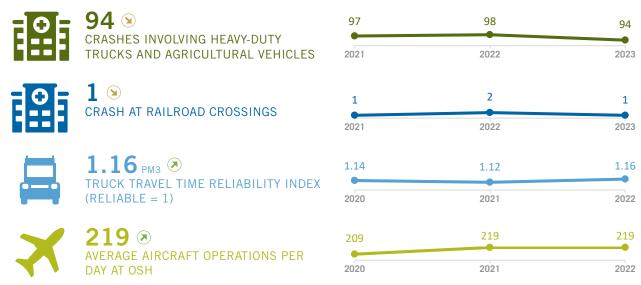
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## FREIGHT & AIRPORTS OSHKOSH MPO

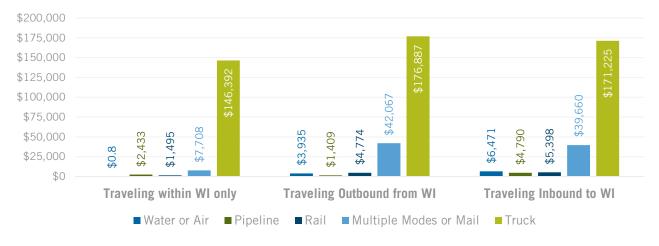
Freight and natural resources move through the Oshkosh MPO via air, water, pipeline, rail and truck. Wittman Regional Airport (OSH) has served Winnebago County since 1958. OSH is home to the Experimental Aircraft Association and its week-long EAA AirVenture event.

#### Freight & Airport Performance Measures

#### Freight & Airport 3-Year Trends









**RAILROAD OWNERSHIP** 

WATCO (WSOR) RAILROAD TYPE LENGTH MAIN SUB-NETWORK 4.2 MILES SPUR OR OTHER 2.6 MILES TOTAL 6.8 MILES

Airport data: AirNav accessed 2023. Rail data: BTS 2023. Freight data: Freight Analysis Framework 2023 projections. Crash data: WisDOT 2023.



## FREIGHT & AIRPORTS ROUTES AND RESTRICTIONS



## RESOURCES

## **TRANSPORTATION PROGRAMS & MAP LINKS**

East Central Wisconsin Regional Planning Commission (ECWRPC) provides the information and planning services necessary to solve problems that transcend the boundaries and fiscal capabilities of individual governmental jurisdictions. In addition to administering the MPO program, ECWRPC provides planning and technical assistance to participating governments with issues of concern to that jurisdiction. ECWRPC's planning and technical specialists are responsible for the following transportation programs in the Oshkosh area.

#### PUBLIC TRANSIT & SPECIALIZED TRANSPORTATION PLANNING

ECWRPC helps communities plan and fund shared ride vehicle services that provide reliable, efficient, and essential connections to all of life's important destinations.

### **\$**

#### **BICYCLE & PEDESTRIAN PLANNING**

ECWRPC brings WisDOT, community partners, local governments and bicycle/ pedestrian advocacy groups together to develop and coordinate multi-modal trail systems and activities.

#### SAFE ROUTES TO SCHOOL PLANNING The ECWRPC Regional Safe Routes to School program focuses on empowering local communities and school districts with the resources and knowledge needed to implement SRTS activities.

#### REGIONAL HIGHWAY CORRIDOR PLANNING

ECWRPC provides a multi-jurisdictional forum for stakeholders that promotes coordination and cooperation between state and federal agencies, local governments, and the public.



#### FREIGHT PLANNING

ECWRPC coordinates the safe, secure, and efficient movement of freight into, out of, and between communities, ensuring this critical component of economic viability and quality of life runs smoothly.

#### LONG RANGE TRANSPORTATION PLANNING

ECWRPC researches and outlines planning processes for infrastructure and programs covering all modes of transportation in the region to comply with federal and state planning requirements.

#### REGIONAL TECHNICAL ASSISTANCE

EC

ECWRPC provides services and guidance to counties and local units of government as part of WisDOT's Regional Transportation Program.

#### COMMUNITY PLANNING ASSISTANCE

Municipalities can contract with ECWRPC for staff expertise in areas such as Transportation Planning, Regional Comprehensive Planning, Open Space and Recreation Planning, and GIS.

#### **TRANSPORTATION HUB**

A variety of online mapping applications are hosted on the ECWRPC Transportation Hub to assist with performance measure monitoring. Click the buttons below to visit each interactive map or dashboard.

