



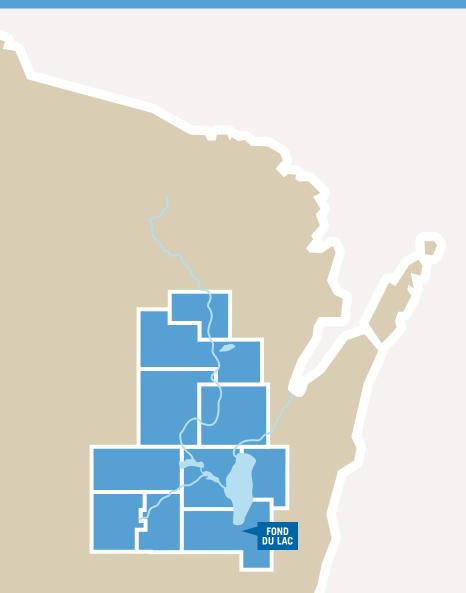




The Fond du Lac Urbanized Area will have a safe, efficient, and effective transportation network which provides options for the mobility needs of all people, goods, and services, while maximizing available resources, such as land, energy, and finances.

-Fond du Lac MPO Vision

TABLE OF CONTENTS



INTRODUCTION

6 Purpose & Background

OVERVIEW OF THE MPO

- 9 Land Use & Population
- 9 Employment
- 10 Housing & Income
- 10 Commuting

FUNDING & PROJECTS

- 12 MPO Funding Awarded
- 13 TIP Projects

PERFORMANCE MEASURES

- 16 Roadways
- 19 Transit
- 22 Bicycle & Pedestrian Network
- 25 Safe Routes to School
- 28 Freight & Airports

RESOURCES

31 Transportation Programs & Map Links

THE FOND DU LAC MPO INCLUDES ALL OR PORTIONS OF THE CITY OF FOND DU LAC, THE VILLAGES OF NORTH FOND DU LAC AND EDEN, AND THE TOWNS OF BLACK WOLF, EDEN, EMPIRE, FOND DU LAC, FRIENDSHIP, AND TAYCHEEDAH.



INTRODUCTION

PURPOSE & BACKGROUND FOND DU LAC MPO

The annual State of the System Report is designed to evaluate the status of the Fond du Lac 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 Fond du Lac MPO to monitor conditions of the transportation system on a local and national scale. Six components of the Fond du Lac 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 people, as determined by the U.S. Census. In 2023, the population of the Fond du Lac MPO planning area was approximately 64,122.

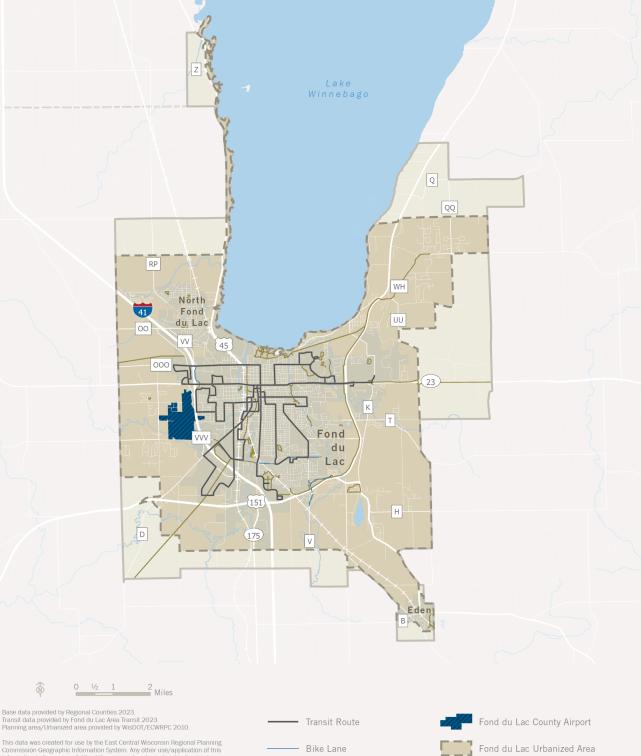
The City of Fond du Lac was designated as the MPO in 2000. The Fond du Lac MPO is comprised of local and regional transportation professionals and elected officials. The MPO consists of two committees: Technical Advisory Committee (TAC) and Policy Board. The Policy Board reviews recommendations from the Technical Advisory Committee and gives final consideration regarding documents and projects selected for federal funding. East Central Wisconsin Regional Planning Commission (ECWRPC) staff the Fond du Lac MPO and are responsible for the MPO's planning and administrative functions.

Boundary Changes & Updates

ECWRPC staff are working with local communities to update the urban area boundary for the Fond du Lac 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.

NATIONAL TRANSPORTATION PERFORMANCE MANAGEMENT GOALS Established by the U.S. Department of Transportation and the U.S. Congress		
SAFETY	To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.	
INFRASTRUCTURE CONDITION	To maintain the highway infrastructure asset system in a state of good repair.	
CONGESTION REDUCTION	To achieve a significant reduction in congestion on the National Highway System.	
SYSTEM RELIABILITY	To improve the efficiency of the surface transportation system.	
FREIGHT MOVEMENT & ECONOMIC VITALITY	To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.	
ENVIRONMENTAL Sustainability	To enhance the performance of the transportation system while protecting and enhancing the natural environment.	
REDUCED PROJECT DELIVERY DELAYS	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	





- Trail

Commission decig applic monitority seem any other use/application of use information is the responsibility of the user and such use/application is at their own risk. East Central Wisconsin Regional Planning Commission disclaims all liability regarding fitness of the information for any use other than for East Central Wisconsin Regional Planning Commission business.

Fond du Lac MPO Planning Area

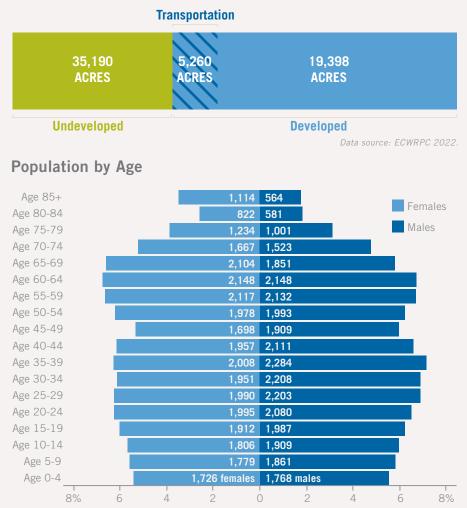


OVERVIEW OF THE FOND DU LAC MPO

LAND USE & POPULATION FOND DU LAC MPO

The Fond du Lac MPO planning area is located primarily in Fond du Lac County with a small portion in Winnebago County, bordering Lake Winnebago to the north. The current population is 64,122 people and the median age is 40.7 years. The MPO planning area encompasses 54,588 total acres and includes those areas potentially influenced by the expansion of urban development over the long-term.

Existing Land Use

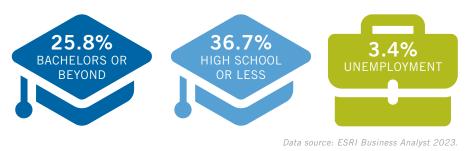


Data source: ESRI Business Analyst 2023.

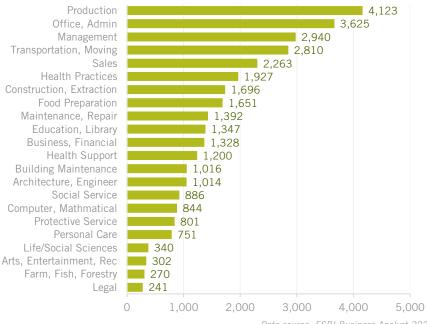
EMPLOYMENT FOND DU LAC MPO

The Fond du Lac MPO area's vibrant business community is made up of 2,520 businesses with 41,120 total employees. White collar workers constitute 56% of the labor force, while 44% of workers are blue collar and service workers. There are also three college-level campuses within the MPO: Moraine Park Technical College, Marian University, and UW Oshkosh at Fond du Lac.

Employment Quick Facts



Number of Employees by Occupation



Data source: ESRI Business Analyst 2023.

HOUSING & INCOME FOND DU LAC MPO

There are an estimated 27,077 households in the Fond du Lac MPO, with an average household size of 2.27 people. The Wisconsin Department of Administration predicts that household growth within the Fond du Lac MPO area will be modest, adding about 3,000 households from 2020 to 2040. In total, 2,505 households receive SNAP benefits and 8,102 receive social security income.

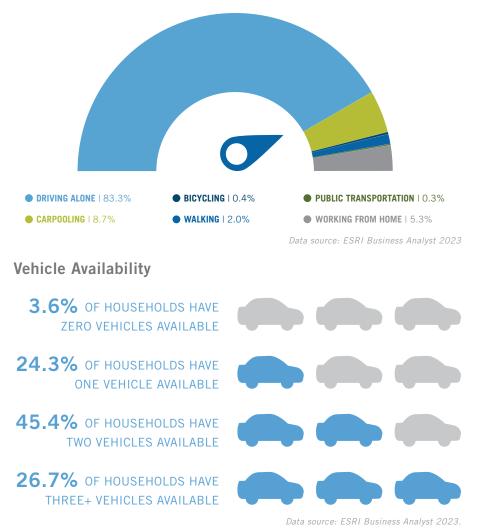
Housing & Income Quick Facts



COMMUTING FOND DU LAC MPO

There are approximately 29,485 people commuting within the Fond du Lac MPO planning area. In 2022, 67% of commuters had less than a 20 minute commute, 21% had a commute between 20 and 34 minute commute, and the remaining 14% spent more than 35 minutes commuting. While 83% of workers drive alone to work, it should be noted that 4% of households do not have access to a vehicle at all.

Means of Transportation to Work



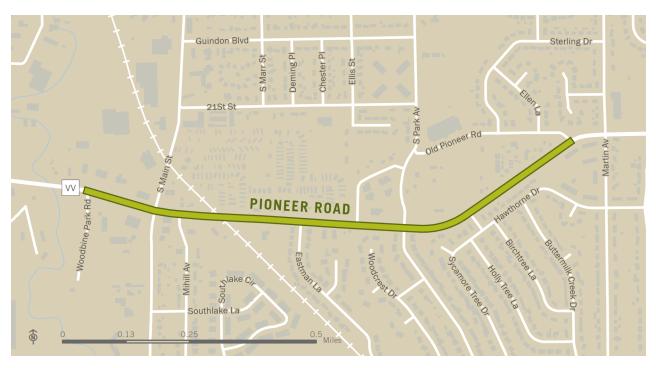
FOND DU LAC MPO FUNDING & PROJECTS

MPO FUNDING AWARDED FOND DU LAC 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 Fond du Lac MPO.

STBG-U Funding Awarded in 2023

МРО	Project Description	Program	Awarded Federal Funds
Fond du Lac MPO	CTH VV (Pioneer Rd) Fond du Lac County Woodbind Park Rd to Old Pioneer Rd	Surface Transportation Block Grant - Urban	\$3,060,444



Funding data: ECWRPC 2023.

COMMITTEES DF THE FOND DU LAC MPO

ECHNICAL ADVISORY COMMITTEE				
NAME	REPRESENTATION			
DYANN BENSON	CITY OF FOND DU LAC			
PAUL DE VRIES	CITY OF FOND DU LAC			
CHRIS JOHNSON	CITY OF FOND DU LAC			
MITCH VIS	VILLAGE OF NORTH FDL			
RYAN SOMMER	FOND DU LAC COUNTY			
DAN TEATERS	FOND DU LAC COUNTY			
LYNN GILLES	FDL AREA TRANSIT			

POLICY BOARD

NAMEREPRESENTATIONDYANN BENSONCITY OF FOND DU LACPAUL DE VRIESCITY OF FOND DU LACKEITH HEISLERCITY OF FOND DU LACJOE MOORECITY OF FOND DU LACJOE MOOREVILLAGE OF NORTH FDLJIM PIERQUETTOWN OF EMPIRETERRY DIETZELFOND DU LAC COUNTYTOM JANKEFOND DU LAC COUNTYNICK WEBERWISDOT

*Voting Members Only

TIP PROJECTS FOND DU LAC MPO

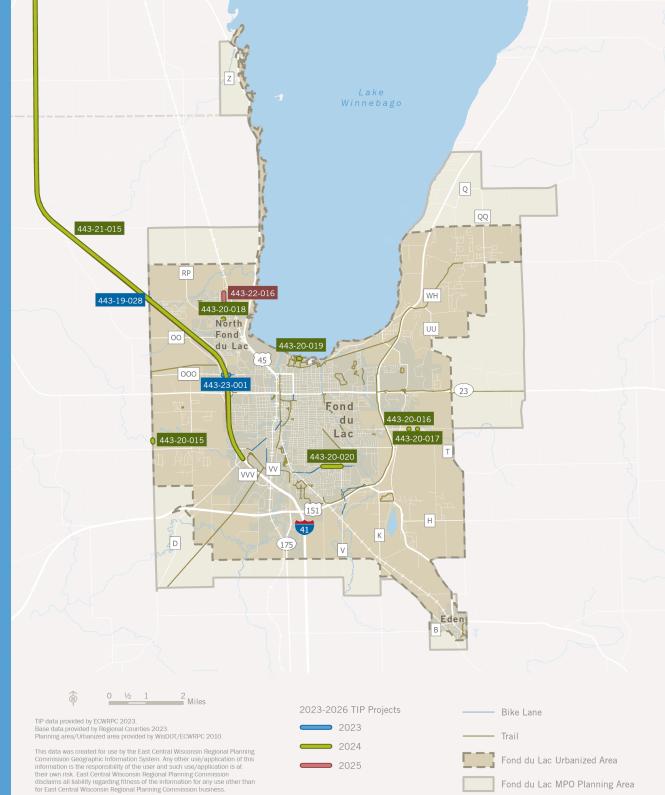
The Transportation Improvement Program (TIP) is a list of transportation projects in the MPO that will be utilizing federal funds over the next four years. ECWRPC works with WisDOT, transit operators, and local governmental jurisdictions to update the TIP annually. The TIP is reviewed by the Technical 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 Fond du Lac MPO was approved on October 28, 2022.

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

TIP Number	Project Description	Program	Funding	
443-19-028 443-21-015	1-41 Fond du Lac to Oshkosh Reconstruction, Resurface, and Bridge Rehabilitation	National Highway Performance Program (NHPP)	Local State Federal Total	\$0 \$12,453,000 <u>\$50,813,000</u> \$63,266,000
443-20-020	CTH VV CTH V to Martin Ave Reconstruction	Surface Transportation Block Grant Urban (STBG- Urban)	Local State Federal Total	\$1,185,000 \$0 <u>\$1,186,000</u> \$2,371,000
443-20-019	Promen Dr Lakeside Park Bridge Bridge Rehabilitation	Surface Transportation Block Grant (STBG)	Local State Federal Total	\$611,000 \$0 <u>\$776,000</u> \$1,387,000
443-22-016	Minnesota Ave Chapleau St to Anne St Reconstruction	Surface Transportation Block Grant Urban (STBG- Urban)	Local State Federal Total	\$314,000 \$0 <u>\$1,070,000</u> \$1,384,000
443-20-015	Townline Rd W Branch Fond du Lac River Bridge Bridge Rehabilitation	Surface Transportation Block Grant (STBG)	Local State Federal Total	\$231,000 \$0 <u>\$923,000</u> \$1,154,000

2023-2026 TIP **ROADWAY & BRIDGE FUNDING** IN THE FOND DU LAC MPO LOCAL FUNDING \$2,655,000 **STATE FUNDING** \$12,453,100 FEDERAL FUNDING \$55,825,900 **TOTAL FUNDING** \$70,934,000

TIP data: ECWRPC 2023.



Fond du Lac MPO Planning Area

FOND DU LAC MPO 2023-2026 TIP **ROADWAY & BRIDGE PROJECTS**

FOND DU LAC MPO PERFORMANCE MEASURES

ROADWAYS FOND DU LAC MPO

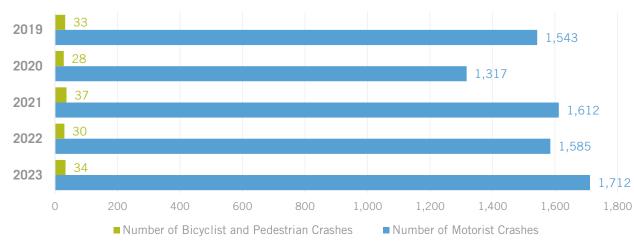
By providing a cooperative and comprehensive transportation planning process, the Fond du Lac MPO aims to address traffic congestion, improve infrastructure resilience, and create safer roadways. In 2023, the MPO experienced 1,744 total motorist, bicyclist, and pedestrian crashes.

Roadway Performance Measures

Roadway 3-Year Trends

97.4% PM3 S	100.0%	100.0%	97.4%	
	PERSON-MILES TRAVELED ON THE INTERSTATE THAT ARE RELIABLE		2021	2022
89.2% рмз 🕥		95.5%	90.2%	89.2%
PERSON-MILES TRAVELED ON NON- INTERSTATE ROADS THAT ARE RELIABLE	2020	2021	2022	
1,712 PM1 MOTORIST CRASHES	1,625	1,578	1,712	
	2021	2022	2023	
ACTION OF THE SERIOUS & ACTION	29	17	26	
	2021	2022	2023	

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



 ALL MODES

 IN THE FOND DU LAC MPO

 INTERSECTION

 557 crashes

 Image: Speed 184 crashes

 Image: ALCOHOL/DRUGS 120 crashes

2023 CRASH FACTORS

INATTENTIVE DRIVING 269 crashes

CONSTRUCTION ZONE 4 crashes

(▶) (▶) = One-Year Trend

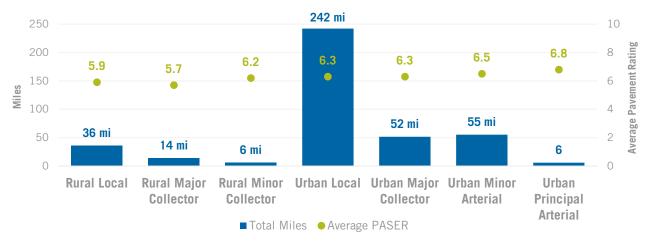
Crash data: WisDOT 2023. LOTTR data: WisDOT 2022.

ROADWAYS FOND DU LAC MPO

With over 500 miles of roadway, the Fond du Lac 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 70.5% РМ2 💌 69.4% 70.5% 63.5% BRIDGES WITH A SUFFICIENT RATING 2021 2022 2023 22.3% PM2 🕥 26.9% 31.0% 22.3% BRIDGES ELIGIBLE FOR FUNDING 2021 2022 2023 74.7 PM2 > 73.6% 74.7% 69.1% NON-INTERSTATE PAVEMENT IN FAIR TO **EXCELLENT CONDITION** 2021 2022 2023 6.3 🔊 6.2 6.3 New AVERAGE PASER RATING (1-10) 2022 2021 2023

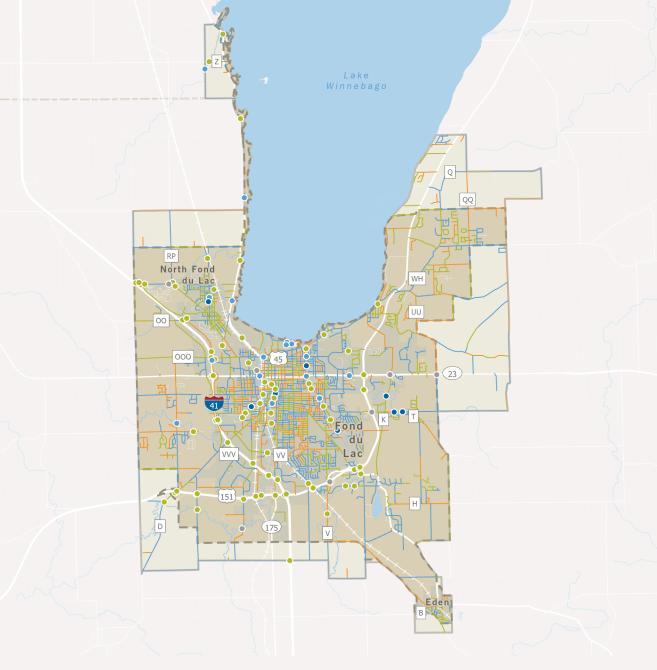
NHS Roadway Mileage by Functional Class and Average PASER Rating (2023)



🔊 🔿 🕥 = One-Year Trend

Bridge, PASER, functional class data: WisDOT 2023.





ROADWAYS PASER CONDITION & BRIDGE STATUS



Base data provided by Regional Counties 2023. Bridge data and PASER data provided by WisDOT 2022-2023. Planning area/Urbanized area provided by WisDOT/ECWRPC 2010.

This data was created for use by the East Central Wisconsin Regional Planning Commission Geographic Information System. Any other use/application of the information is the responsibility of the user and such use/application is at their own risk. East Central Wisconsin Regional Planning Commission disclaims all liability regarding fitness of the information for any use other than for East Central Wisconsin Regional Planning Commission business.

Bridge Status

- Sufficient
- Replacement Funding Eligible
- Rehabilitation Funding Eligible
- Not Eligible Built within the last 10 Years

PASER Pavement Condition

- Very Good to Excellent (8-10) Fair to Good (5-7)
- Fail to Fair (1-4)
- Fond du Lac Urbanized Area
- Fond du Lac MPO Planning Area

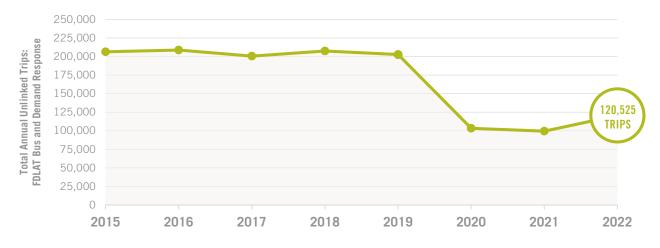
18 | Fond du Lac MPO 2023 State of the System Report

TRANSIT FOND DU LAC MPO

Fond du Lac Area Transit (FDLAT) offers seven fixed bus routes that link riders to locations in the City of Fond du Lac and a demand-response service to North Fond du Lac. FDLAT provides paratransit services and a shared ride taxi service for riders beyond 1/4 mile from a bus route.

Transit Performance Measures Transit 3-Year Trends 105, 919 (*) FDLAT ANNUAL UNLINKED TRIPS: BUS 88,231 105,919 85,635 2020 2021 14,606 🔊 15,196 13,768 FDLAT ANNUAL UNLINKED TRIPS: DEMAND RESPONSE 2021 2020 8 🔊 7 7 TOTAL BUSES OPERATED BY FDLAT AT MAXIMUM SERVICE 2020 2021 11.0 🔊 10.1 9.1 AVERAGE AGE (IN YEARS) OF FDLAT 2020 2021 **BUS FLEET**

Fond du Lac Area Transit: Total Annual Unlinked Trips (2015-2022)





TRANSIT SERVICES



 (\mathbf{A}) (\mathbf{A}) (\mathbf{A}) = One-Year Trend

Unlinked trips, bus fleet data: FTA 2022.

2022

14,606

2022

8

2022

11.0

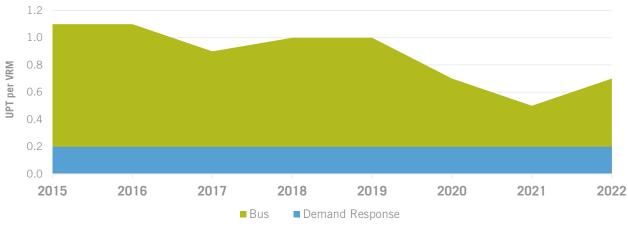
2022

TRANSIT FOND DU LAC MPO

FDLAT provided 120,525 total unlinked trips in 2022, demonstrating a 21.2% increase in annual rides. 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 Fond du Lac.

Transit Performance Measures Transit 3-Year Trends \$16.42 > \$15.70 FDLAT OPERATING EXPENSES PER UNLINKED PASSENGER TRIP 2020 \$120,525 STOTAL FARE REVENUE \$107,897 Ś 2020 65.3% New OF PEOPLE IN THE MPO LIVE WITHIN 1/2 MILE FROM A TRANSIT LINE 2021 83.7% New OF EMPLOYEES IN THE MPO WORK WITHIN 1/2 MILE FROM A TRANSIT LINE 2021

Fond du Lac Area Transit: Unlinked Passenger Trips (UPT) per Vehicle Revenue Miles (VRM)



 (\mathbf{A}) (\mathbf{A}) (\mathbf{A}) = One-Year Trend

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

\$18.14

2021

\$141,258

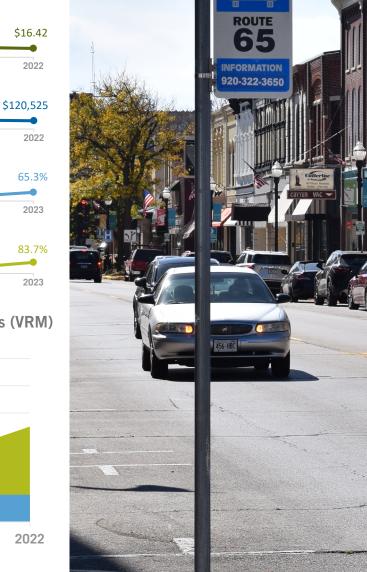
2021

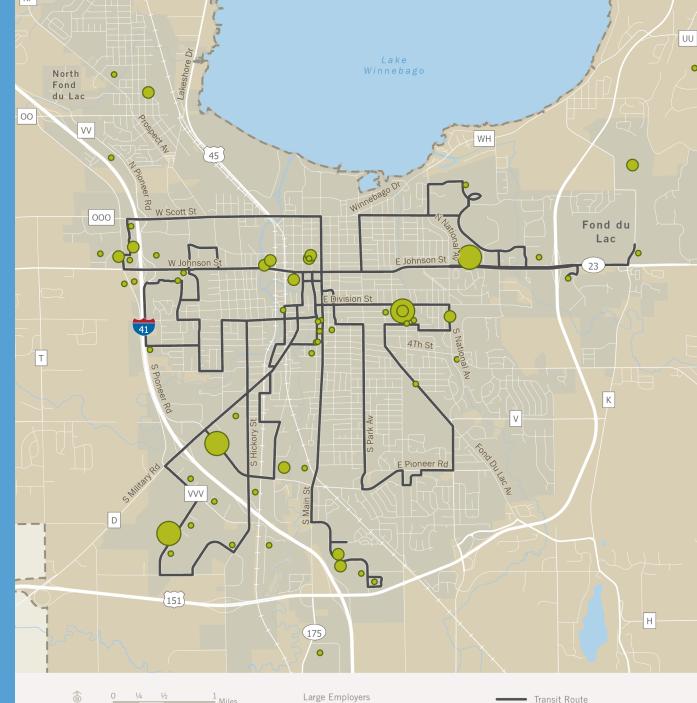
New

2022

New

2022





TRANSIT TRANSIT ACCESS TO LARGE EMPLOYERS



Transit data provided by Fond du Lac Area Transit 2023. Planning area/Urbanized area provided by WisDOT/ECWRPC 2010.

This data was created for use by the East Central Wisconsin Regional Planning information is the responsibility of the user and such use/application is at their own risk. East Central Wisconsin Regional Planning Commission disclaims all liability regarding fitness of the information for any use other than for East Central Wisconsin Regional Planning Commission business. Large Employers Number of Employees (100+) 100 - 250 0 251 - 500 501 - 3000



O

BICYCLE & PEDESTRIAN NETWORK FOND DU LAC 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 Fond du Lac MPO area is growing steadily.

Bike & Ped Performance Measures

Bike & Ped 3-Year Trends

334

15

345

2023

75.9%

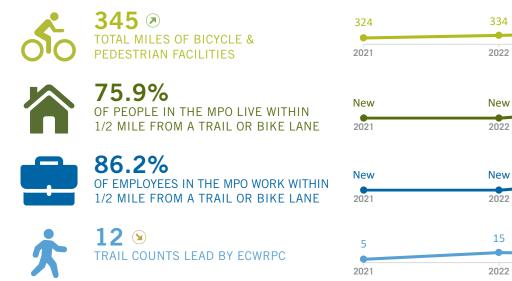
2023

86.2%

2023

12

2023



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



 (\mathbf{A}) (\mathbf{A}) (\mathbf{A}) = 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



```
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

SPACE FOR SHARED MOBILITY

Shared bike and scooter



SPACE FOR COMFORT & CULTURE

Street furniture, parks,

BICYCLE & PEDESTRIAN NETWORK FOND DU LAC MPO

With the MPO being home to three state trails and the newly established Old Plank Road Trail along State Highway 23, the 2023 Fond du Lac MPO Bicycle and Pedestrian Plan will emphasize the integration of these trails into the local network.

Bike & Ped Performance Measures Bike & Ped 3-Year Trends PM1 **S** PEDESTRIAN CRASHES 18 РМ1 🔊 BICYCLE CRASHES З РМ1 🕑 BICYCLE & PEDESTRIAN CRASHES WITH SERIOUS INJURIES **1** PM1 **O** BICYCLE & PEDESTRIAN CRASHES WITH FATALITIES

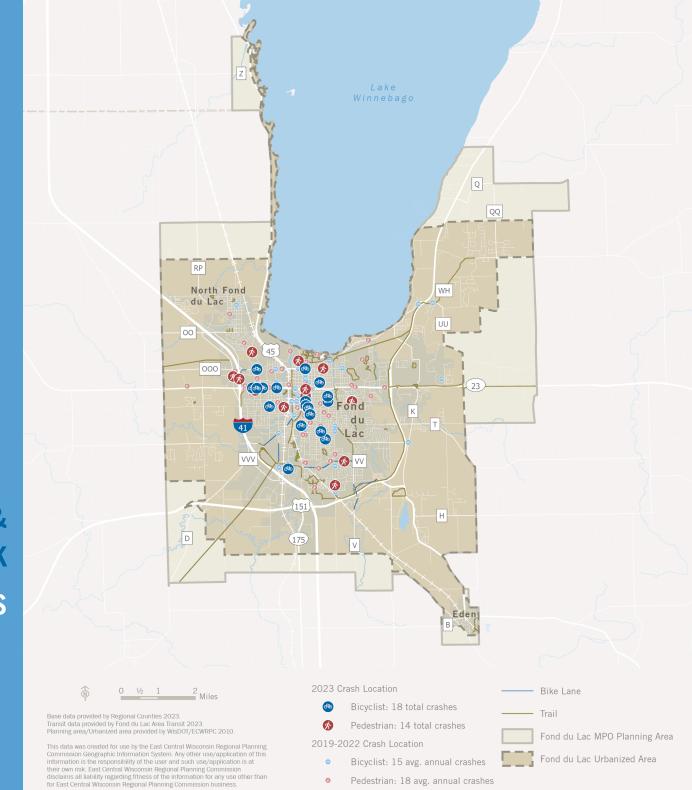
Crash Severity by Mode of Transportation (2019-2023)





➤ → ➤ = One-Year Trend

Crash data: WisDOT 2023.



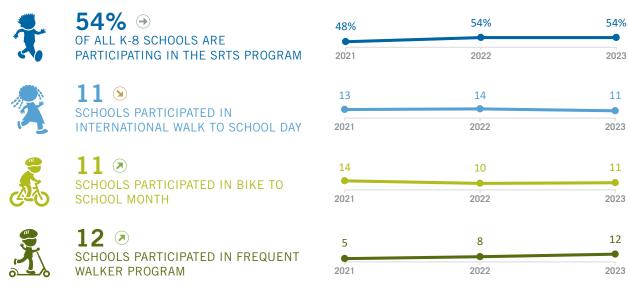
BICYCLE & PEDESTRIAN NETWORK CRASHES

SAFE ROUTES TO SCHOOL FOND DU LAC MPO

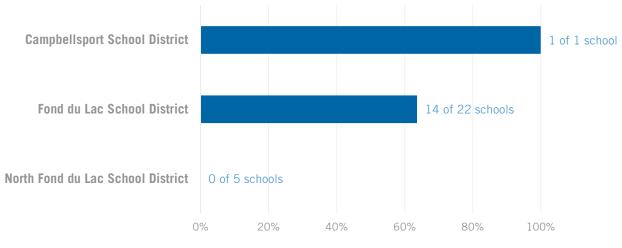
Walking and biking to school are healthy, affordable, and empowering behaviors that contribute to student success and provide a foundation for lifelong healthful habits. The Regional Safe Routes to School Program collaborates with schools to generate interest in walking and biking to school.

SRTS Performance Measures

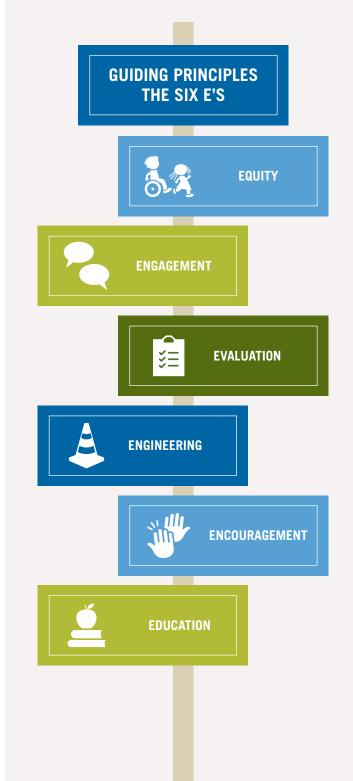
SRTS 3-Year Trends



Percent of K-8 Schools in the MPO Participating in the SRTS Program (2023)



SRTS data: ECWRPC 2023.



SAFE ROUTES TO SCHOOL FOND DU LAC 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

1

2023

1

2023

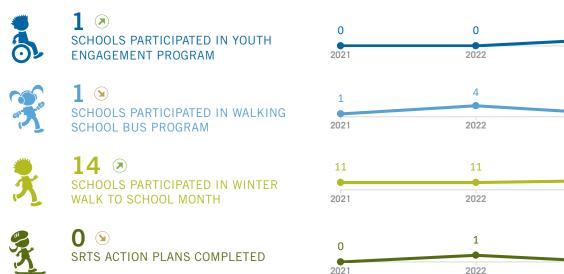
14

2023

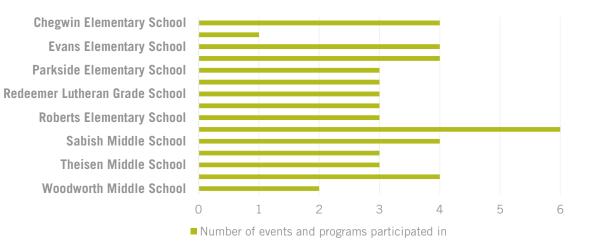
0

2023

SRTS data: ECWRPC 2023.



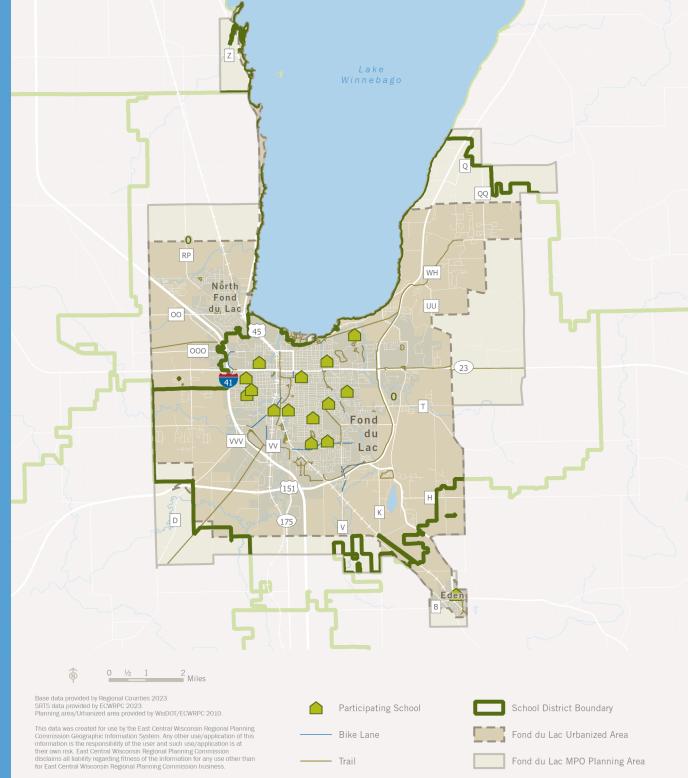
Annual School Participation in Individual SRTS Events and Programs (2023)



➤ → ➤ = One-Year Trend

26 | Fond du Lac MPO 2023 State of the System Report

SAFE ROUTES TO SCHOOL PARTICIPATING SCHOOLS & SCHOOL DISTRICTS



FREIGHT & AIRPORTS FOND DU LAC MPO

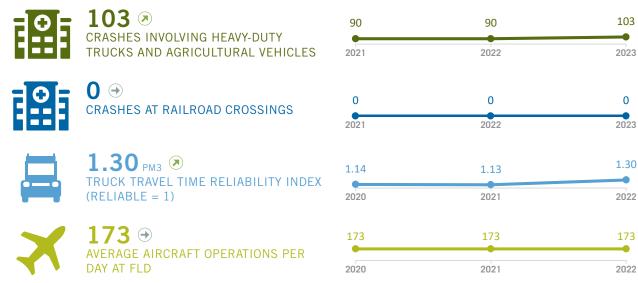
The Fond du Lac MPO area is an optimal place to move freight along rail lines and highways such as Interstate 41, US Route 151, and State Highway 23. Averaging 173 flights per day, the Fond du Lac County Airport (FLD) features two runways and Fixed Base Operators services.

Freight & Airport Performance Measures

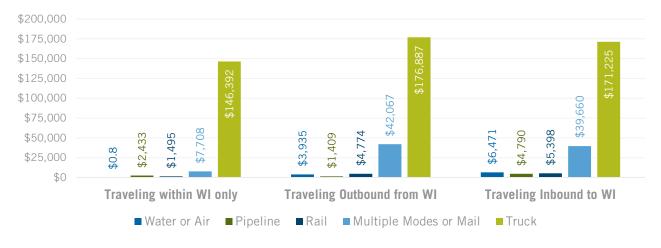
Freight & Airport 3-Year Trends

Airport data: AirNav accessed 2023. Rail data: BTS 2023.

Freight data: Freight Analysis Framework 2023 projections. Crash data: WisDOT 2023.







IN THE FOND DU LAC MPO

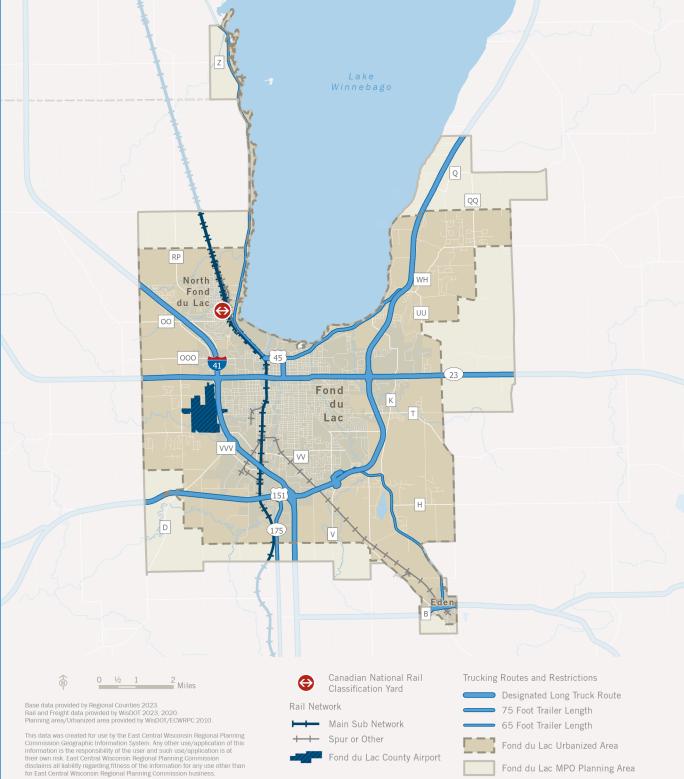
RAILROAD OWNERSHIP





(◄) (◄) (◄) = One-Year Trend







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 Fond du Lac 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, 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**

FCWRPC 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

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.

