

System Performance Indicators and Base Data

Introduction

This chapter presents the set of system performance indicators, adopted by the MPO in 2009, and the base data relevant to the indicators. The purpose of the performance indicators is to provide some quantitative evaluation of the ability of the urbanized area to move toward the goals stated in the plan (Chapter VI - Goals and Objectives). The indicators, at this time, are not tied to any specific performance goals and are only intended as a planning tool. Over time, it may become possible and/or desirable to compile realistic performance goals, however, some experience and trend data would be necessary to put such quantitative goals in place.

Performance Indicators

1. Safety

Streets and Highways

Indicators: Total Crashes, Total Fatal Crashes, Total Severe Injury Crashes

Data Source: WisTransPortal – the WisTransPortal Project
Crash reports and summaries (MV400) web application

Base Data:

Crashes in Chippewa-Eau Claire MPO municipalities - 2008	
Total Reportable Crashes	2736
Total Fatal Crashes	11
Total Severe Injury (incapacitating)	71

2. Accessibility and Mobility of People and Freight

Streets and Highways

Indicator: Level of Service

Data Source: WisDOT – Traffic counts – Wisconsin Highway Traffic Volume Data Publication

Indicator: System mileage

Data Source: WisDOT

Transit

Indicator: Revenue Hours of Service, Revenue Miles of Service (*from unlinked passenger trips, passenger miles, revenue hours, and revenue miles by system*)

Data Source: National Transit Data Base (NTD), or transit operator

Base Data:

Transit Performance Data – 2009	
Eau Claire Transit (fixed route):	
Unlinked passenger trips	882,291
Revenue miles of service	680,823
Revenue hours of service	46,085
Passengers per revenue mile	1.30
Passenger per revenue hour	19.14
ECT ADA paratransit service (urbanized area):	
Unlinked passenger trips	50,385
Revenue miles of service	203,768
Revenue hours of service	20,036
Average trip length	4.05
Passengers per revenue mile	0.25
Passengers per revenue hour	2.51
Chippewa Falls Shared Ride Taxi	
Unlinked passenger trips	59,240
Revenue miles of service	173,132
Revenue hours of service	14,611
Passengers per revenue mile	0.34
Passenger per revenue hour	4.05

Indicator: Percent urbanized area served by transit, percent urbanized area served by shared ride taxi.

Data Source: GIS; 1/4 mile buffer around fixed routes; service area for shared ride taxi.

Base Data: Not yet compiled.

3. Integration and Connectivity of the Transportation System, Across and Between Modes for People and Freight

Streets and Highways

Indicator: Designated park-ride capacity and use

Data Source: WisDOT Region Offices, Park-ride lot capacity and use statistics (*total spaces available per average weekday, spaces occupied per average weekday, percent in use per average weekday*)

Base Data:

2009 Park and Ride Lot Volume/Capacity				
Lot	Capacity	Volume	V/C ratio	count date
I-94/STH 312	68	15	0.22	9/29/2009

Air

Indicator: Airport Passenger Volume (*enplanements*)

Data Source: Individual airport operators

Base Data:

Chippewa Valley Airport - 2008	
Operations (take-offs & landings)	32,849
Air Carrier Enplanements	18,158

4. Efficient Management and Operations

Streets and Highways

Indicator: Deficient and severely deficient lane miles

Data Source: WisDOT – Transportation model output

Base Data:

Chippewa Eau Claire MPA Base Network – 2008	
Lane-miles “deficient”	3.77
Lane-miles “severely deficient”	<u>0.00</u>
Total deficient lane-miles	3.77

Indicator: Hours of congested travel

Data Source: MPO calculation – travel demand model – utilizing v/c relationship

Transit

Indicator: Passengers/revenue hour of operation, passengers/revenue mile of operation, passenger miles traveled, number of passenger trips

Data Source: National Transit Database (NTD), or providers (*uses unlinked passenger trips, passenger miles, revenue hours, and revenue miles by system*)

Base Data:

Chippewa Falls Shared Ride Taxi - 2009	
Total Passengers	59,240
Total Revenue Hours	10,699
Total Revenue Miles	169,461
Passengers per revenue hour	5.54
Passengers per revenue mile	0.35

Eau Claire Transit - 2008	
Total Passengers	1,090,203
Total Revenue Hours	45,848
Total Revenue Miles	680,729
Passengers per revenue hour	23.78
Passengers per revenue mile	1.60

5. System Preservation

Streets and Highways

Indicator: Pavement condition – number of miles and percent of total miles in each category

Data Source: WISLR for PASER Extranet Login
WisDOT Region Office for IRI

Base Data: Not yet compiled

Indicator: Structure Condition – Sufficiency Rating

Data Source: WisDOT Region Office

Base Data: not yet compiled

6. Regional Trends

Indicator: Population

Data Source: DOA, Division of Intergovernmental Relations - Population & Housing Estimates

Base Data:

**Chippewa-Eau Claire MPO Municipalities
Population Estimates (January 1, 2009)**

Chippewa County	55,195
Eau Claire County	93,142
C. Altoona	6,831
C. Chippewa Falls	13,470
C. Eau Claire	65,950
V. Lake Hallie	6,463
T. Anson	2,134
T. Brunswick	1,672
T. Eagle Point	3,154
T. Hallie	161
T. Lafayette	5,983
T. Pleasant Valley	3,109
T. Seymour	3,209
T. Tilden	1,368
T. Union	2,586
T. Washington	7,329
T. Wheaton	2,632

Indicator: Households

Data Source: DOA, Division of Intergovernmental Relations - Population & Housing Estimates (most recent year), and

U.S. Census – American FactFinder – Housing occupancy and vacancy status (most recent census)

Base Data:

**Estimated Total Housing Units for
Chippewa and Eau Claire Counties**

County	Housing Unit Estimate (1/1/2009)
Chippewa	26,472
Eau Claire	41,974

**Chippewa-Eau Claire MPO Municipalities
Housing Units - Total, Occupied, and Vacant - 2000**

Municipality	Housing units: Total	Housing units: Occupied	Housing units: Vacant
Altoona city, Eau Claire County	3,117	2,880	237
Chippewa Falls city, Chippewa Co.	5,951	5,689	262
Eau Claire city, total	24,753	23,911	842
Anson town, Chippewa County	769	709	60
Brunswick town, Eau Claire County	657	636	21
Eagle Point town, Chippewa County	1,027	985	42
Hallie town, Chippewa County	1,691	1,648	43
Lafayette town, Chippewa County	2,101	1,970	131
County	926	914	12
Seymour town, Eau Claire County	1,177	1,133	44
Tilden town, Chippewa County	426	406	20
Union town, Eau Claire County	879	851	28
Washington town, Eau Claire County	2,675	2,614	61
Wheaton town, Chippewa County	865	842	23
Total	47,014	45,188	1,826
Percent	100.00%	96.12%	3.88%

Source: U.S. Bureau of the Census, STF-3, 2000.

Indicator: Employment

Data Source: DWD – OEA – Unemployment Rates and Labor Force Estimates (Labor force and employment estimates by county and MSA)

Base Data:

**Chippewa and Eau Claire Counties, and Eau Claire MSA
Labor Force and Employment Estimates - 2009 Annual**

	Labor Force	Employment	Unemployment	Unemployment Rate
Eau Claire County	55,943	52,171	3,772	6.7%
Chippewa County	32,923	30,160	2,763	8.4%
Eau Claire MSA	88,866	82,330	6,536	7.4%

Indicator: Economic Development - Housing permits and housing raisings
by county and municipality

Data Source: DOA – Not provided on website, must contact DOA

Base Data:

**Chippewa-Eau Claire MPO Municipalities
Housing Starts and Raisings**

Municipality	County	Added Housing Units	Deleted Housing Units	Net Change in H.U.
C. Altoona	EC	11	0	11
C. Chippewa Falls	C	15	1	14
C. Eau Claire	C	1	0	1
C. Eau Claire	EC	202	24	178
V. Lake Hallie	C	50	0	50
T. Anson	C	10	1	9
T. Brunswick	EC	6	0	6
T. Eagle Point	C	10	0	10
T. Hallie	C	0	0	0
T. Lafayette	C	26	2	24
T. Pleasant Valley	EC	18	3	15
T. Seymour	EC	16	0	16
T. Tilden	C	7	0	7
T. Union	EC	15	0	15
T. Washington	EC	25	0	25
T. Wheaton	C	10	0	10

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