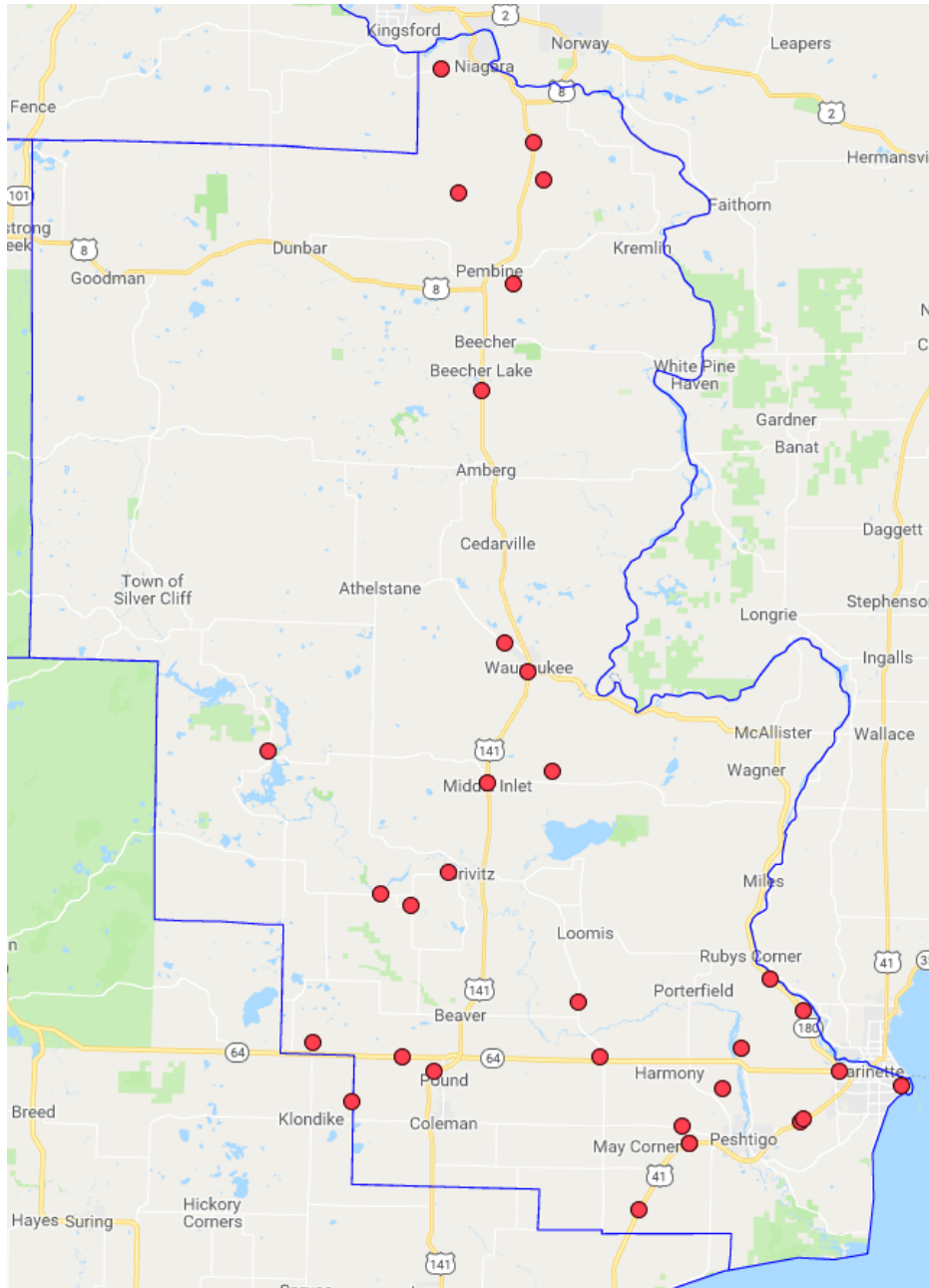


ANATOMY OF MARINETTE COUNTY: A TRAFFIC SAFETY SUMMARY



DID YOU KNOW...

One individual is killed or injured in a crash in Marinette County every 1.3 days?

THE PLACE

Section Summary

The principal routes in the county are USH 41, USH 141, and USH 8. Marinette County is among the top ten counties in the state for VMT per capita, miles of roads, miles of local roads, and registered vehicles per capita. It is among the bottom ten counties for number of registered vehicles per VMT.

Urbanization

Marinette County is a part of the Marinette urban cluster, and it is adjacent to the Green Bay metropolitan area and the Iron Mountain urban cluster. 38.17% of the county's population lives in urban areas, and 0.73% of the land area of the county is urban.¹ The Menominee River, which flows along the county's eastern border, separates the county from Michigan. The county has shoreline along the Bay of Green Bay in the southeast part of the county. Marinette County is heavily forested, especially in northern areas, with 229,939 acres of county forests.²

Road Network

United States Highway (USH) 41 is a primary arterial that enters Marinette County from Oconto County as an expressway, bypassing Peshtigo. Just outside Marinette, USH 41 ceases to be an expressway, and then it travels through Marinette and exits the county. USH 41 carries traffic between Oconto, Green Bay, and Appleton to the south and Menominee, Stephenson, Escanaba, and Marquette in Michigan to the north. Menominee, Michigan, is directly across the Menominee River from Marinette. Business USH 41 travels through the center of Peshtigo.

USH 141 is a primary arterial that travels through the center of the county from north to south, traveling through Niagara, Wausaukee, Crivitz, Pound, and Coleman. From the Oconto County line to just north of Pound, USH 141 is an expressway, after which it is a two-lane highway. USH 141 carries traffic between Lena, Suamico, Howard, and Green Bay to the south and Iron Mountain/Kingsford (MI), Florence County, and Houghton (MI) to the north. Business USH 141 travels through the centers of Coleman and Pound.

USH 8 is an east-west primary arterial traveling through rural areas in northern sections of the county. USH 8 carries traffic between Crandon and Rhinelander to the west and Norway, Michigan, to the east. In Norway, USH 8 connects with USH 2, which continues east to Escanaba, Michigan. USH 8 is concurrent with USH 141 for 9.8 miles in the town of Pembine and the town of Niagara.

State Trunk Highway (STH) 64 begins in Marinette at USH 41 and heads west. STH 64 travels along Pound's northern municipal boundary and then continues west toward White Lake, Antigo, and Merrill. STH 180 begins at STH 64 in Marinette and heads north along the Menominee River, ending in Wausaukee.

¹ United States Census Bureau. "Percent urban and rural in 2010 by state and county." Accessed Sept. 29, 2017. <https://www.census.gov/geo/reference/ua/urban-rural-2010.html>

² Wisconsin County Forests Association. "Forest Acres." Accessed Nov. 6, 2017. <http://www.wisconsincountyforests.com/forest-resources/forest-acres/>

Miles of Roadway

There are 2,353 miles of roadway in the county, including 154 (6.5%) miles of state roads, 334 (14.2%) miles of county roads, 1,641 (69.7%) miles of local roads, and 224 miles of another type.³

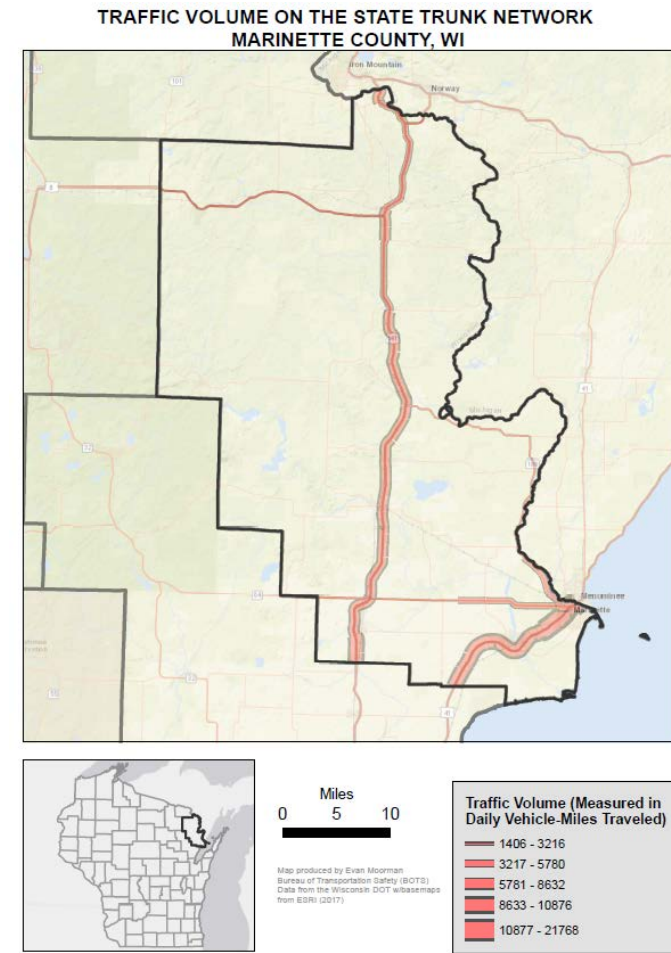
Vehicle Registrations and Vehicle Miles of Travel (VMT)

In 2016, there were 16,465 autos, 3,448 cycles, 7,383 trailers, and 28,833 trucks registered in Marinette County.⁴ VMT in 2016 was 1,022,519,395.⁵

Traffic Volume

As can be seen, traffic volumes in Marinette County are highest in the southeastern portion of the county, on Highway 41 between the communities of Peshtigo and Marinette. The maximum daily VMT in the county is reported at about 22,000.

FIGURE 1:



³ Wisconsin Department of Transportation. "County Maps." Accessed Sept. 29, 2017. <http://wisconsindot.gov/Pages/travel/road/hwy-maps/county-maps/default.aspx>

⁴ Wisconsin Department of Transportation. "Facts and Figures 2016, Vehicles Registered by County." Accessed Nov. 6, 2017. <http://wisconsindot.gov/Documents/about-wisdot/newsroom/statistics/factsfig/vehregcounty.pdf>

⁵ Wisconsin Department of Transportation. "2016 Vehicles Miles of Travel (VMT) by County." Accessed Nov. 6, 2017. <http://wisconsindot.gov/Documents/projects/data-plan/veh-miles/vmt2016-c.pdf>

Commuting Flows

FIGURE 2: COMMUTING FLOWS AMONG COUNTIES

Workers who Reside in Marinette County Work in:		People who Work in Marinette County Reside in:	
Marinette County	13,780	Marinette County	13,780
Menominee County, MI	1,173	Menominee County, MI	3,249
Dickinson County, MI	963	Oconto County	857
Brown County	877	Dickinson County, MI	420
Oconto County	640	Brown County	292
Outagamie County	91	Florence County	96
Delta County, MI	55	Forest County	73
		Delta County, MI	71
Others	654	Others	568

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As seen below in Figure 3, the most common commuting flow between two different municipalities is between residences in Menominee, Michigan and workplaces in Marinette.

FIGURE 3: COMMUTING FLOWS BETWEEN MUNICIPALITIES (TOP 15)

Residence	Place of Work	Number
Menominee, Michigan	Marinette	1,468
Peshtigo (Town)	Marinette	1,077
Peshtigo	Marinette	685
Menominee Township, Menominee Co., Michigan	Marinette	684
Marinette	Menominee, Michigan	677
Porterfield (Town)	Marinette	605
Stephenson (Town)	Crivitz	308
Grover (Town)	Marinette	285
Marinette	Peshtigo	275
Niagara	Iron Mountain, Michigan	191
Stephenson (Town)	Marinette	185
Mellen Township, Menominee Co., Michigan	Marinette	175
Peshtigo (Town)	Peshtigo	174
Lake (Town)	Marinette	169
Grover (Town)	Peshtigo	161

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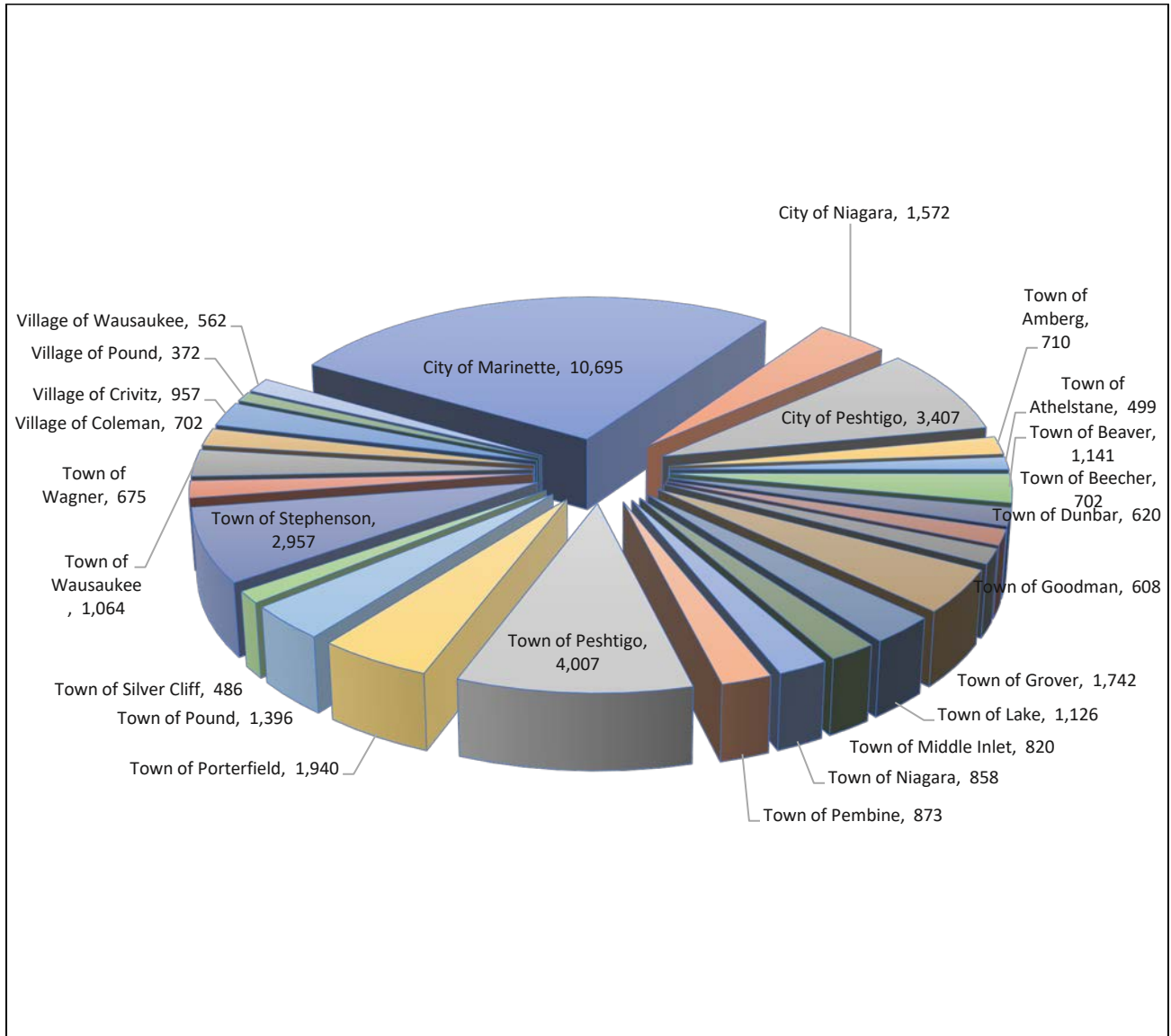
⁶United States Census Bureau. 2009-2013 5-Year American Community Survey Commuting Flows. <https://www.census.gov/data/tables/time-series/demo/commuting/commuting-flows.html> Accessed Sept. 29, 2017.

⁷ United States Census Bureau. 2009-2013 5-Year American Community Survey Commuting Flows. <https://www.census.gov/data/tables/time-series/demo/commuting/commuting-flows.html> Accessed Oct. 5, 2017.

THE POPULATION

The population of Marinette County—about 41,000—is distributed through 24 different jurisdictions, with no dominant population center. The city of Marinette is the largest jurisdiction in the county, comprising about 25% of the county’s population. Other larger communities include the town and city of Peshtigo and the town of Stephenson.

FIGURE 4: POPULATION OF MARINETTE COUNTY MUNICIPALITIES (2016)



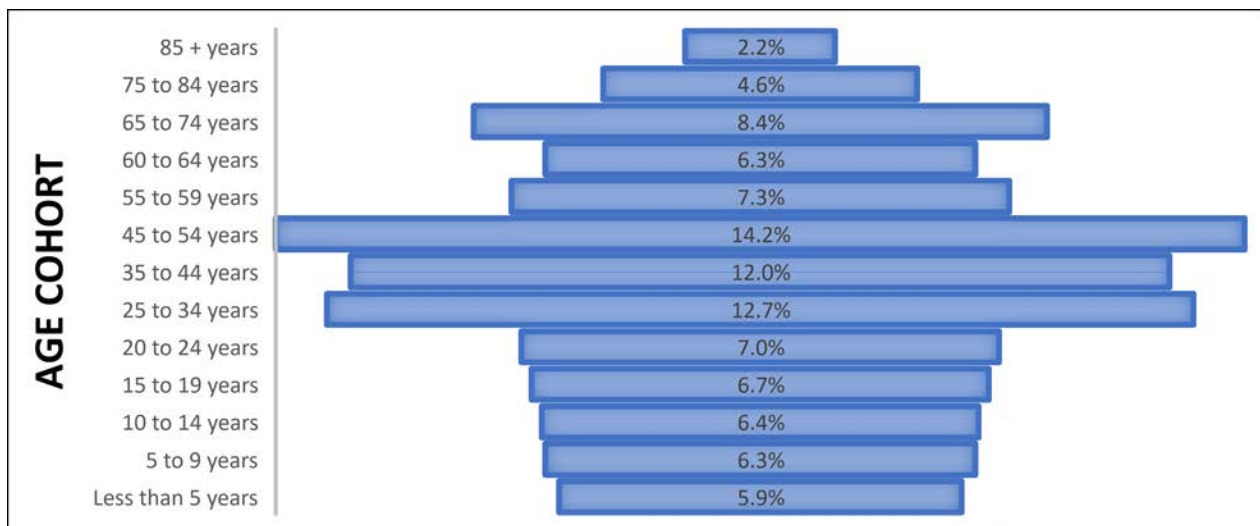
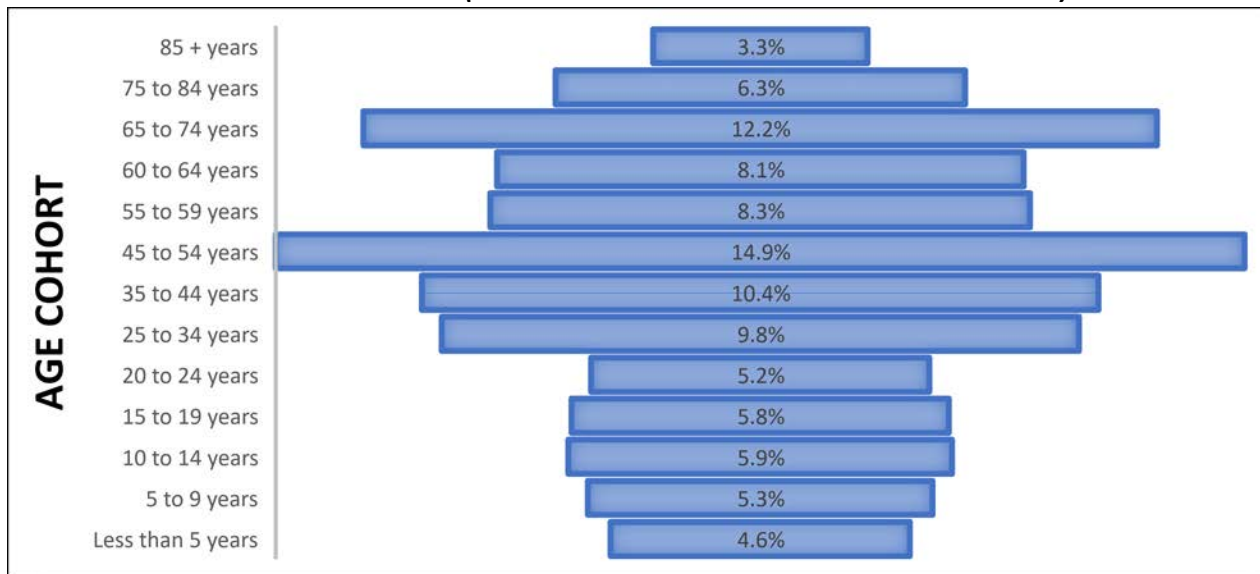
8

⁸ United States Census Bureau. “Selected Economic Characteristics DP03, Employment Status.” 2012-2016 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed November 4th, 2017.

Population Trends

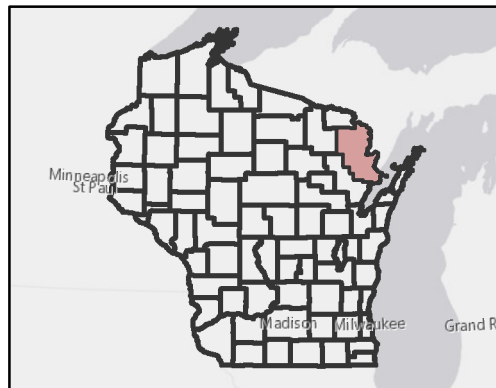
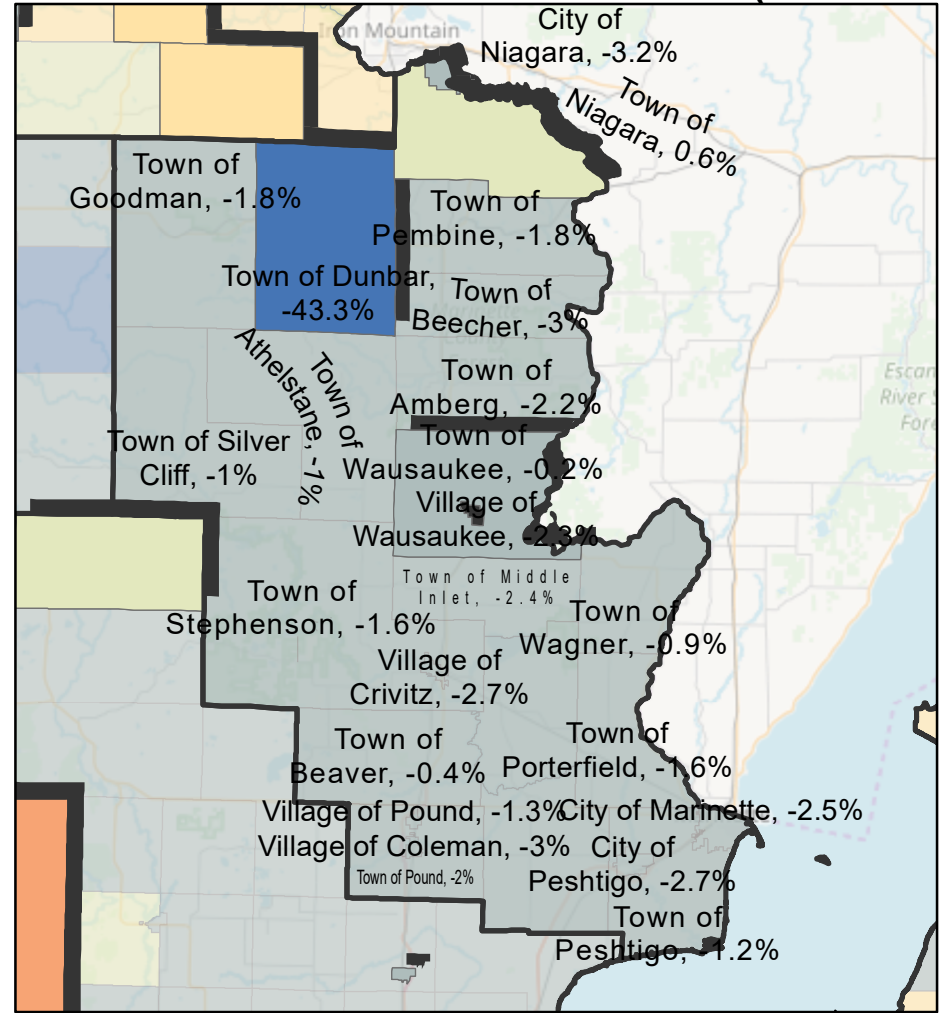
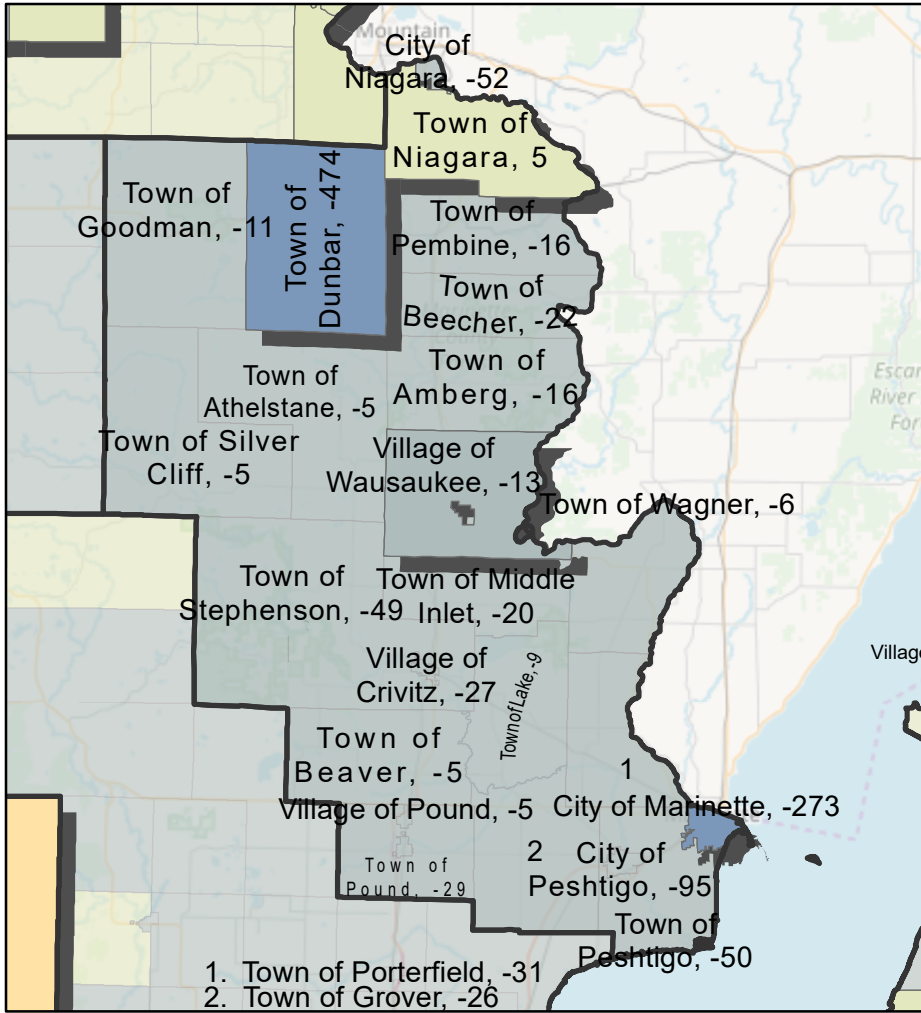
Between 2010 and 2016, the county’s population decreased by about 2.4%. The average age of the county is significantly older than that of the state (47.5 vs. 39 years). Marinette County’s population pyramid is therefore more “top-heavy” than that of the state. All jurisdictions in the county save one are experiencing negative population growth, with the largest absolute drops in population occurring in the town of Dunbar and the city of Marinette. (In the images, the measure of absolute population change merely shows the raw population changes between 2010 and 2016, while the measure of “relative population change” weights such absolute changes by the base population figures of 2010).⁹

FIGURE 5 ¹⁰: POPULATION PYRAMIDS (MARINETTE COUNTY ABOVE AND STATE BELOW)

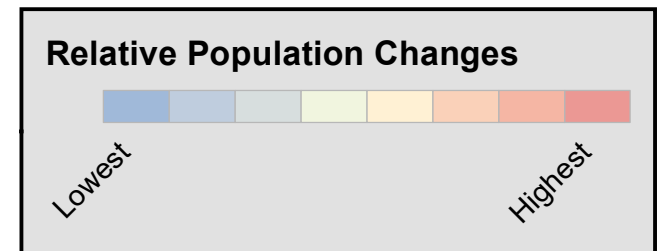
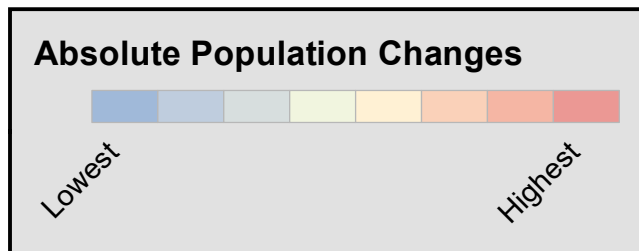


⁹ The highlighted jurisdiction in the image shows the two jurisdictions that are growing fastest and the two jurisdictions growing the slowest.
¹⁰ United States Census Bureau. “Selected Economic Characteristics DP03, Employment Status.” 2012-2016 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed November 6th, 2017.

ABSOLUTE AND RELATIVE POPULATION CHANGES MARINETTE COUNTY MUNICIPALITIES (2010-2016)



Produced by E. Moorman, Bureau of Transportation Safety and the Division of State Patrol, Data from ESRI and the US Census Bureau, 2016

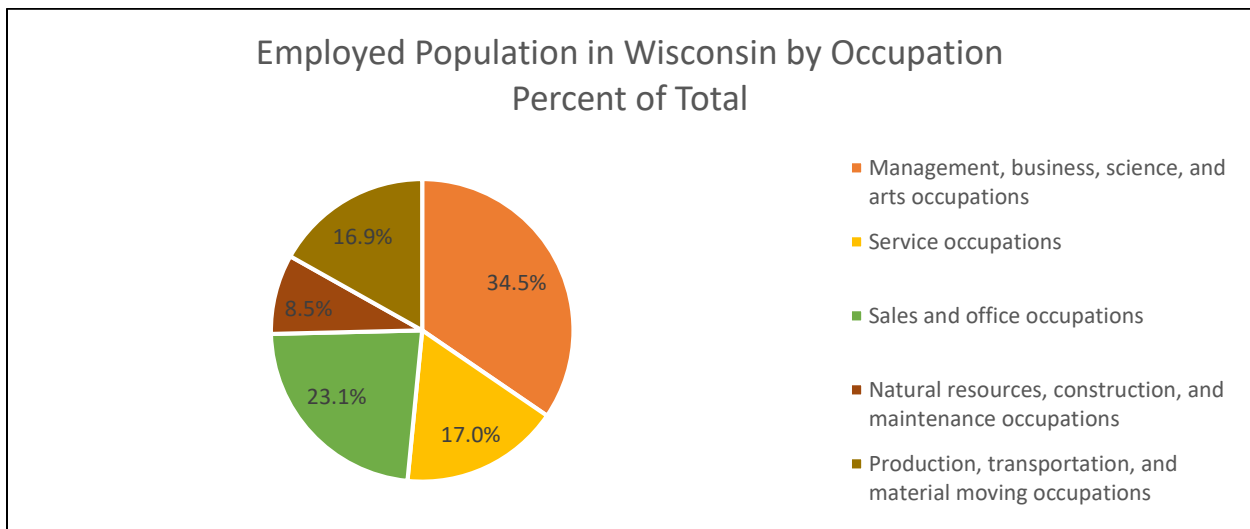
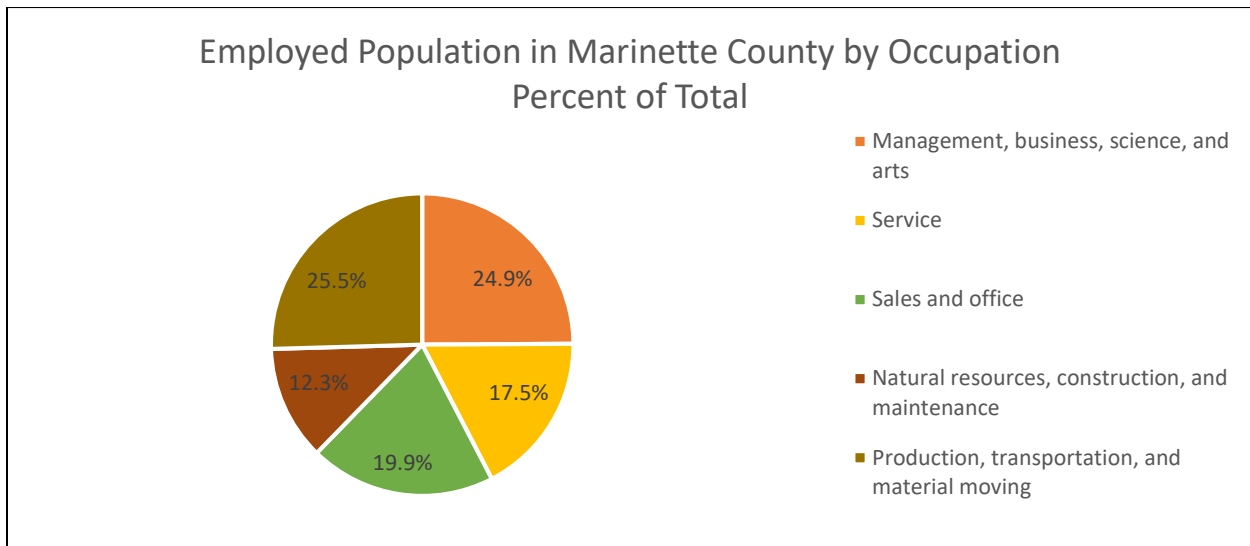


THE ECONOMY

Section Summary

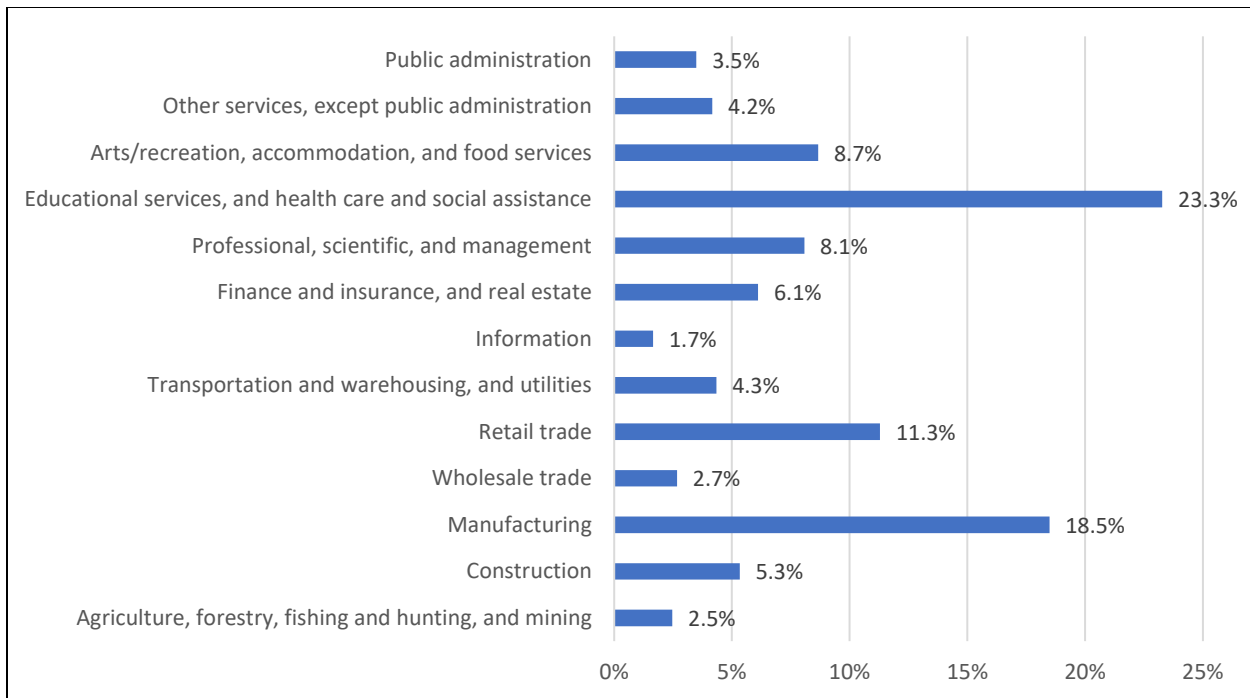
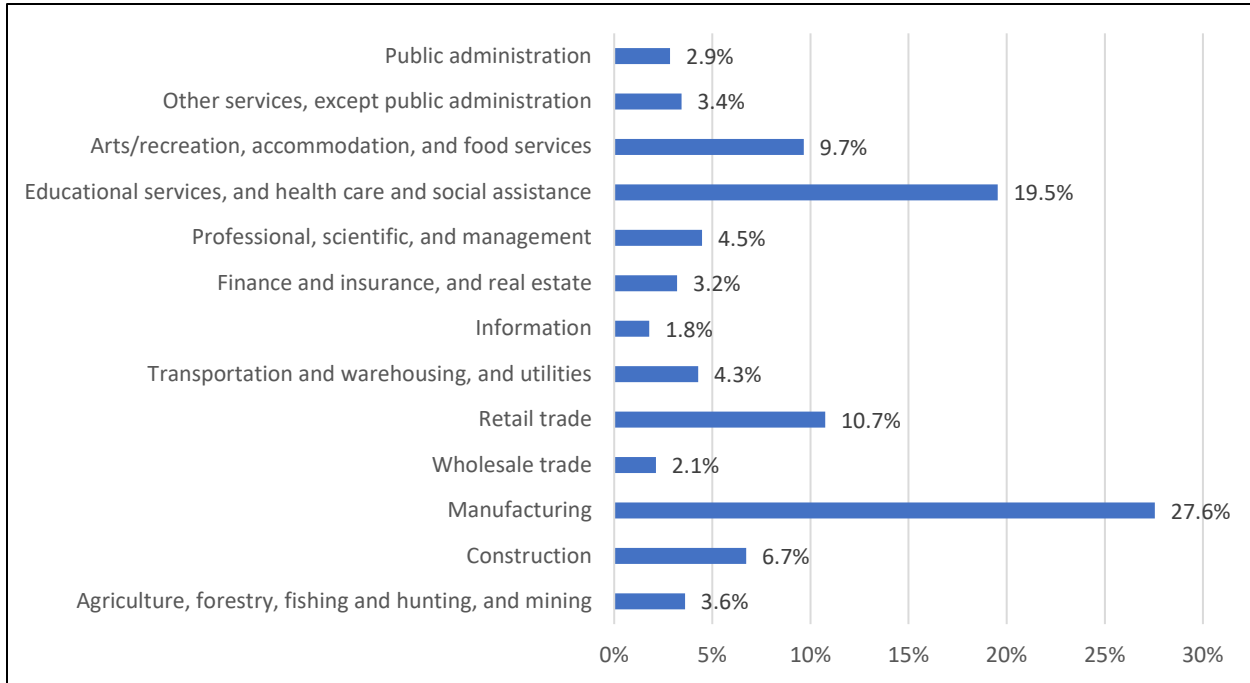
The unemployment rate in Marinette County has been, on average, 1.6% higher than that of the state over the last decade. Generally, the county has a comparatively small number of jobs in management, business, science, or the arts, while it has a comparatively high number of jobs in production, transportation, or material moving. The proportion of the population that works in the educational services, health care, social assistance, professional, scientific, or management industries is fairly small. The county has a large manufacturing industry.

FIGURE 7: EMPLOYMENT BY OCCUPATION ¹¹



¹¹ United States Census Bureau. "Selected Economic Characteristics DP03, Employment Status." 2011-2015 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed September 29, 2017.

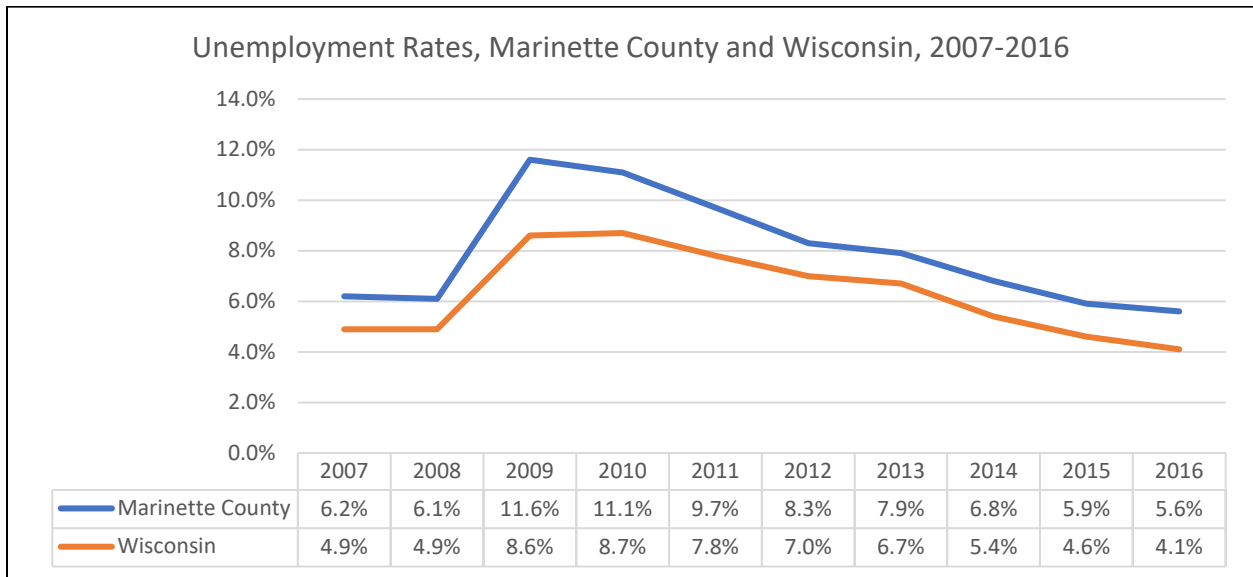
FIGURE 8: EMPLOYED POPULATION BY INDUSTRY (MARINETTE ON TOP AND STATE BELOW)



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¹² United States Census Bureau. "Selected Economic Characteristics DP03, Employment Status." 2011-2015 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed September 29, 2017.

FIGURE 9: UNEMPLOYMENT RATES, MARINETTE COUNTY AND WISCONSIN, 2007-2016



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¹³ United States Department of Labor, Bureau of Labor Statistics. Local Area Unemployment Statistics. "Labor Force Data by County," annual averages. <https://www.bls.gov/lau/#tables> Accessed Sept. 29, 2017.

ALCOHOL RISK FACTORS

Section Summary

Sixty-six percent of licensees have liquor for sale for consumption on site. Twenty-three percent of the licenses are in Marinette, 7% are in Crivitz, 7% are in Peshtigo, and 51% are in towns.

FIGURE 10: ALCOHOL BEVERAGE LICENSES BY JURISDICTION, MARINETTE COUNTY

	Coleman	Crivitz	Marinette	Niagara	Peshtigo	Pound	Wausaukee	Towns	Total (By Liq. License)
AB or AC		5	3					3	11
AL or ALB	2	3	15	4	6	1	5	16	52
BB or CW			2	2	1			4	9
BL or BLB	4	7	29	3	7	2	4	84	140
Others									0
Total (By Municipality)	6	15	49	9	14	3	9	107	212

¹⁴

Establishments within a municipality but outside the county are not included in the table.

CODE	DESCRIPTION
AB	Beer for sale off site (convenience stores, grocery stores)
AC	Cider for sale off site (convenience stores, grocery stores)
AL	Liquor for sale off site (drug stores, wineries)
ALB	Beer, wine, or liquor for sale off site
BB	Beer for sale on site or off site
BL	Liquor for sale on site (winery)
BLB	Beer or liquor for sale on site (taverns, supper clubs)
CW	Wine for sale on site (restaurants) (usually in conjunction with BB)

¹⁵

¹⁴ Wisconsin Department of Revenue. Oct. 4, 2017. "WI Liquor Licenses 2017-18."

¹⁵ Wisconsin Department of Revenue. "Liquor License Report, Liquor License Codes."

<https://www.revenue.wi.gov/Pages/OnlineServices/liqlicrpt.aspx>. Accessed Oct. 25, 2017.

FIGURE 10.2: ALCOHOL LICENSES IN MARINETTE COUNTY BY JURISDICTION

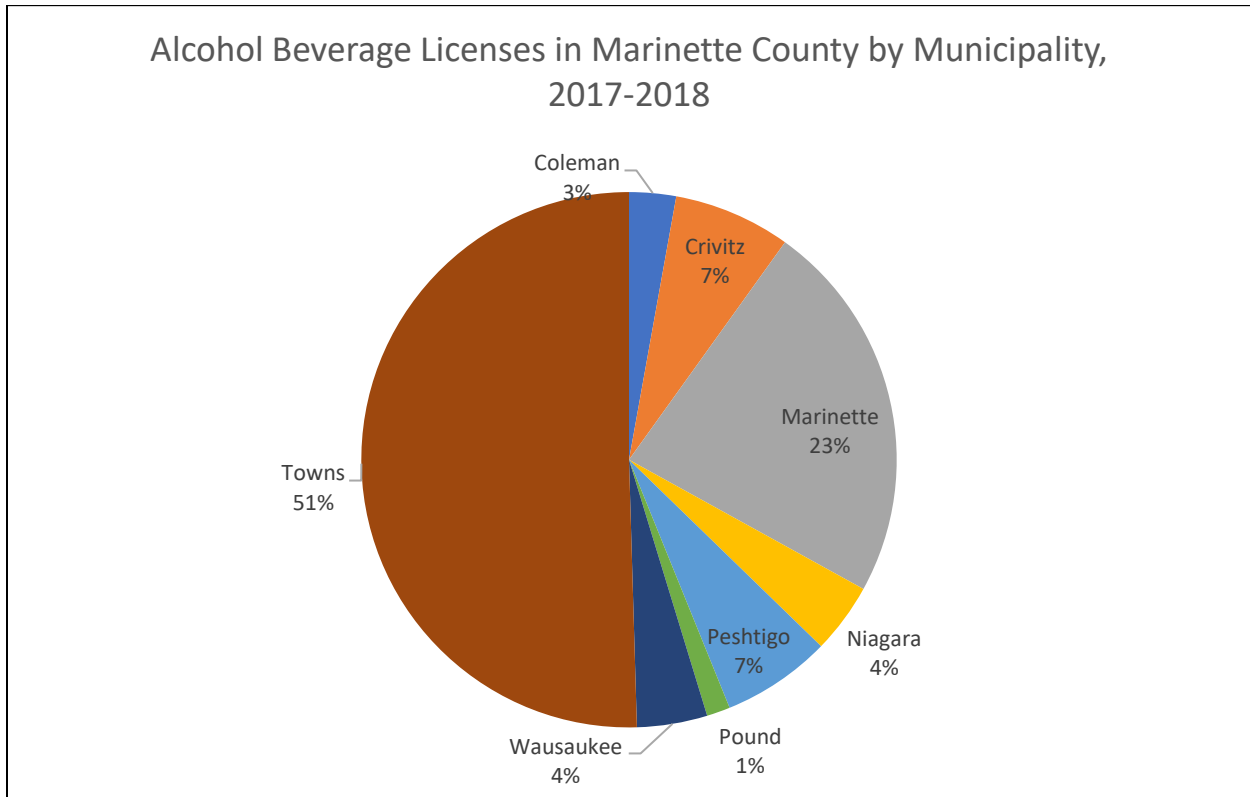
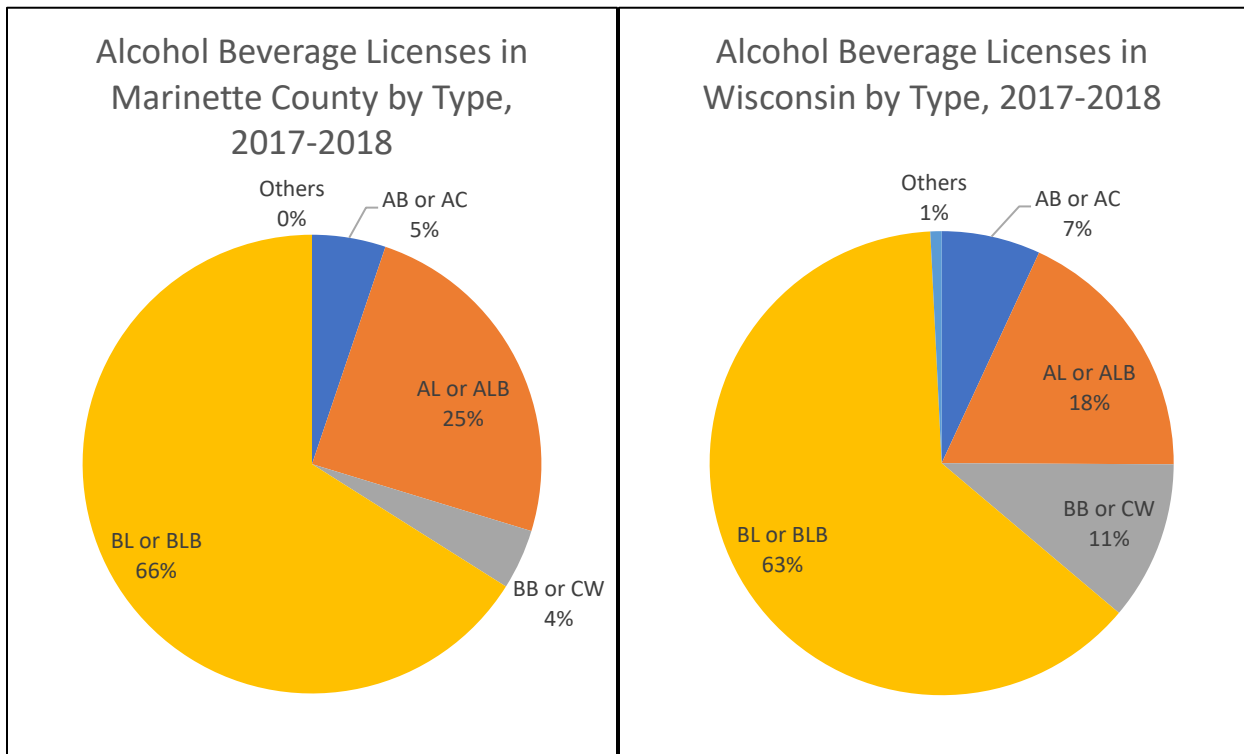


FIGURE 11: ALCOHOL BEVERAGE LICENSES BY TYPE, 2017-2018



HEALTH INFRASTRUCTURE

Injury-to-Death Ratios

Injury-to-death ratios are computed by dividing the total number of crash injuries by the crash fatalities. Higher rates are positive in that fatalities comprise a smaller percentage of crash victims. In general, higher rates are found in the state's urbanized southeastern and south-central regions and the Fox Valley, where crashes are more likely to occur in more developed areas (and thus at slower speeds). In rural areas, the converse is true (highways and county roads predominate, with crashes occurring at higher average speeds). Generally, rural areas also suffer from a relative lack of proximate hospitals and emergency response services, which means that some crashes which would be survivable in urban areas correspond to fatalities in more rural areas.

Between 2012 and 2017, Marinette County reported a lower injury-to-death ratio than the state generally (43.4 vs. 73.1).

Emergency Services

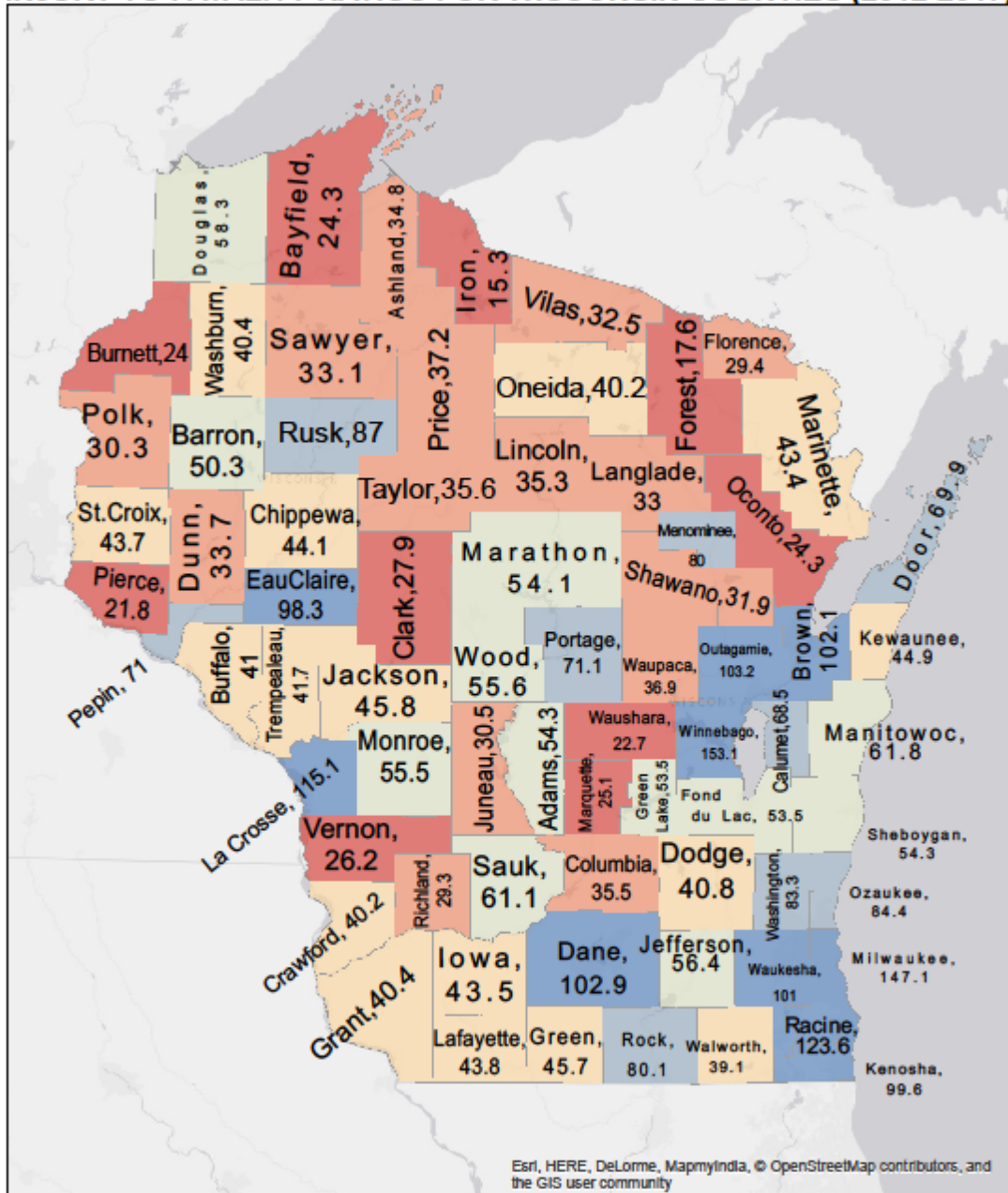
As can be seen, Marinette County contains a single Level III trauma center within its boundaries.¹⁶ The northern, less-populated sections of the county are served by two unclassified trauma centers across the county boundary, in Michigan's Upper Peninsula. The closest level II trauma center is located 40 miles to the south, in Green Bay, while residents must travel about 200 miles south to reach a level I trauma center.

Marinette County maintains 12 different emergency providers (listed below). These companies employ 271 emergency personnel. Consequently, the county is the site of 6.6 emergency response personnel per 1,000 residents. This is higher than the state figure of 4.02 emergency response personnel per 1,000 residents, which may somewhat counteract the fact that there are a limited number of trauma centers in the county.

¹⁶ The trauma capacities of hospitals are rated on a I-IV scale, with some remaining unrated; Level I hospitals have the greatest capacity. In the image, brighter colors show hot spots, where crash numbers are (locally) concentrated.

FIGURE 12:

INJURY TO FATALITY RATIOS FOR WISCONSIN COUNTIES (2012-2017)



Injury to Fatality Ratios		
15.3 - 27.9	37.3 - 45.8	61.9 - 87.0
28.0 - 37.2	45.9 - 61.8	87.1 - 153.0

Miles
0 50 100

Prepared by Evan Mooman, 2017
Bureau of Transportation Safety, Division of State Patrol
Data from WisTransPortal and ESRI

FIGURE 13:

**MARINETTE COUNTY FATALITIES AND SERIOUS INJURIES (2014-2017)
WITH MAP OF HOSPITALS**

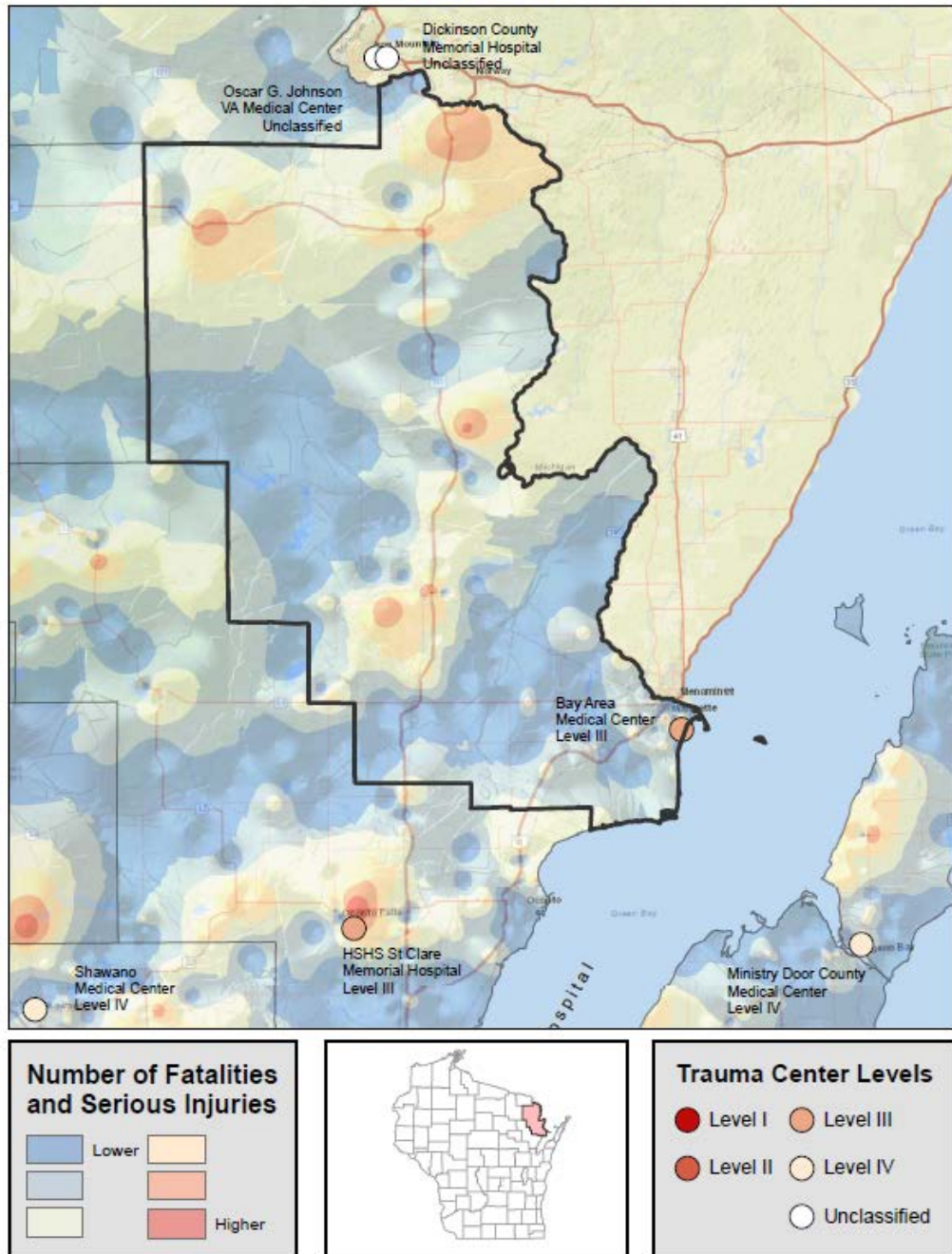
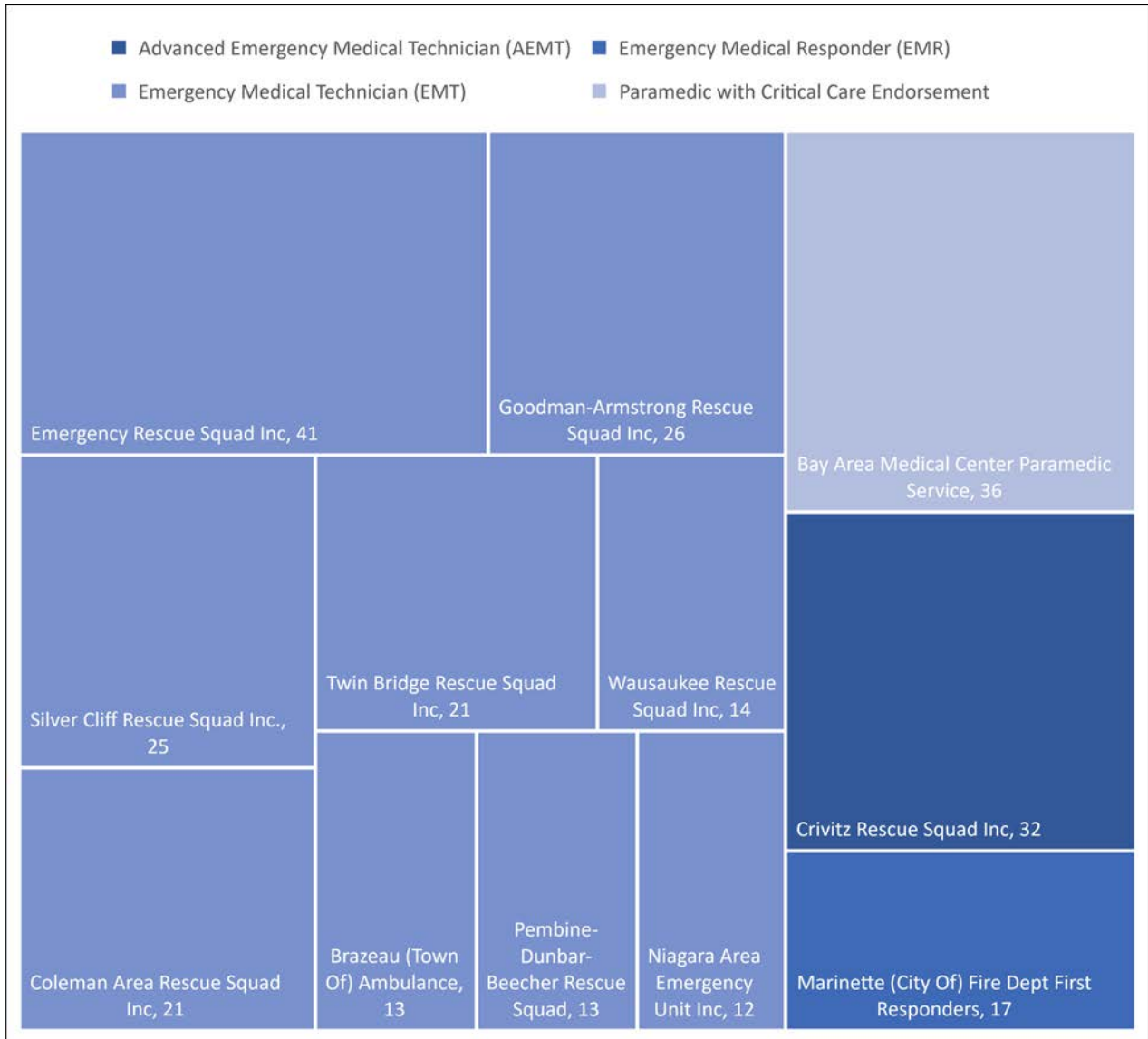


FIGURE 14: NUMBER OF EMT PERSONNEL/JURISDICTION ¹⁷

Service License Level	Service Name	Number of Personnel
Advanced Emergency Medical Technician (AEMT)	Crivitz Rescue Squad Inc	32
Emergency Medical Responder (EMR)	Marinette (City Of) Fire Dept First Responders	17
Emergency Medical Technician (EMT)	Emergency Rescue Squad Inc	41
Emergency Medical Technician (EMT)	Goodman-Armstrong Rescue Squad Inc	26
Emergency Medical Technician (EMT)	Silver Cliff Rescue Squad Inc.	25
Emergency Medical Technician (EMT)	Coleman Area Rescue Squad Inc	21
Emergency Medical Technician (EMT)	Twin Bridge Rescue Squad Inc	21
Emergency Medical Technician (EMT)	Wausaukee Rescue Squad Inc	14
Emergency Medical Technician (EMT)	Brazeau (Town Of) Ambulance	13
Emergency Medical Technician (EMT)	Pembine-Dunbar-Beecher Rescue Squad	13
Emergency Medical Technician (EMT)	Niagara Area Emergency Unit Inc	12
Paramedic with Critical Care Endorsement	Bay Area Medical Center Paramedic Service	36

¹⁷ Department of Health Services, 2017, Received through Happel, C.

FIGURE 14.2: NUMBER AND LEVEL OF EMERGENCY RESPONDERS PER JURISDICTION



THE CRASHES

Section Summary

For 2012-2016 Marinette County averaged 793 crashes with 7 persons killed and 275 persons injured annually. Marinette County's fatal crashes constituted 0.8% of their total and was twice the amount of the state (0.4%). Just under half, (45.5%), of Marinette County's fatal crashes involved alcohol or drug impairment, 30.3% were speed related, and 15.2% were inattention related. The top three driver PCCs for Marinette County crashes were failure to control (24%), inattentive driving (24%), and speed too fast for conditions (16%). Most of the fatal crashes (42.4%) occurred on US/state trunk highways whereas the majority for non-fatal injury crashes (38.9%) occurred on local roads. Intersection crashes constituted 34.0% of crashes whereas non-intersection constituted 66.0%. The state numbers were 37.8% and 62.8% respectively. Marinette County averaged 278.8 run-off-the-road crashes that constituted 35.1% of their total crashes compared to 25.4% for the state. In terms of actual number, the Marinette County Sheriff's Office reported 152 of the 207 (73.4%) fatal and serious injury crashes from 2012-2016, followed by the Marinette Police Department at 38 (18.4%). Eighty-five percent (213 of 251) of the killed and seriously injured persons in Marinette County crashes were Wisconsin residents. Sixty-six percent (166 of 251) resided in Marinette County. The top three roles of persons killed or seriously injured were drivers (52%), vehicle passengers (25%), and motorcyclists (14%). These percentages are comparable to the state. The 15-24 age bracket contained the greatest number of killed and seriously injured persons for both Marinette County and the state of Wisconsin. Of the killed and seriously injured persons in cars and light trucks in Marinette County, 62.3% were belted and 37.3% were unbelted. Pedestrians made up 8.8% of the persons killed from 2012-2016 in Marinette County, (8.1% for the state), with the greatest pedestrian location being in the roadway and greatest action being walking not facing traffic. There were no bicyclists killed in Marinette County during this time frame. Motorcyclists made up 8.8% of the fatalities and 14.7% of the seriously injured compared to 15.3% and 16.5% respectively for the state. This result for motorcyclists meant a five-year average of 0.6 killed and 6.4 seriously injured each year. Of all motorcyclists involved in crashes, 54% were not wearing a helmet.

The State of Wisconsin, in a months-long process, solicited input from a diverse variety of stakeholders to create the most recent version of our Strategic Highway Safety Plan (SHSP), a document that guides investment and safety decisions for three years. The plan has ten different issue areas. General crash-related statistics for Marinette County are listed below, and then facts and figures are organized to correspond with these ten issue areas.

GENERAL CRASH-RELATED STATISTICS

FIGURE 15: NUMBER OF CRASHES BY MOST SEVERE INJURY IN THE CRASH AND PERSONS INVOLVED IN CRASHES BY INJURY SEVERITY

	2012		2013		2014		2015		2016		2012-2016 Average	
	Crashes	Persons	Crashes	Persons	Crashes	Persons	Crashes	Persons	Crashes	Persons	Crashes	Persons
Fatality	12	13	7	7	4	4	5	5	5	5	6.6	6.8
Incapacitating Injury	34	45	36	45	32	37	50	62	22	28	34.8	43.4
Non-Incapacitating Injury	106	136	94	120	73	106	82	127	76	107	86.2	119.6
Possible Injury	79	113	88	126	70	99	73	108	86	117	79.2	112.6
No Apparent Injury	517	1,115	618	1,346	609	1,273	582	1,274	607	1,320	586.6	1,265.6
Totals	748	1,422	843	1,644	788	1,519	792	1,576	796	1,577	793.4	1,548.0

FIGURE 16: FATALITIES AND INCAPACITATING INJURIES BY ROLE, MARINETTE COUNTY, 2012-2016

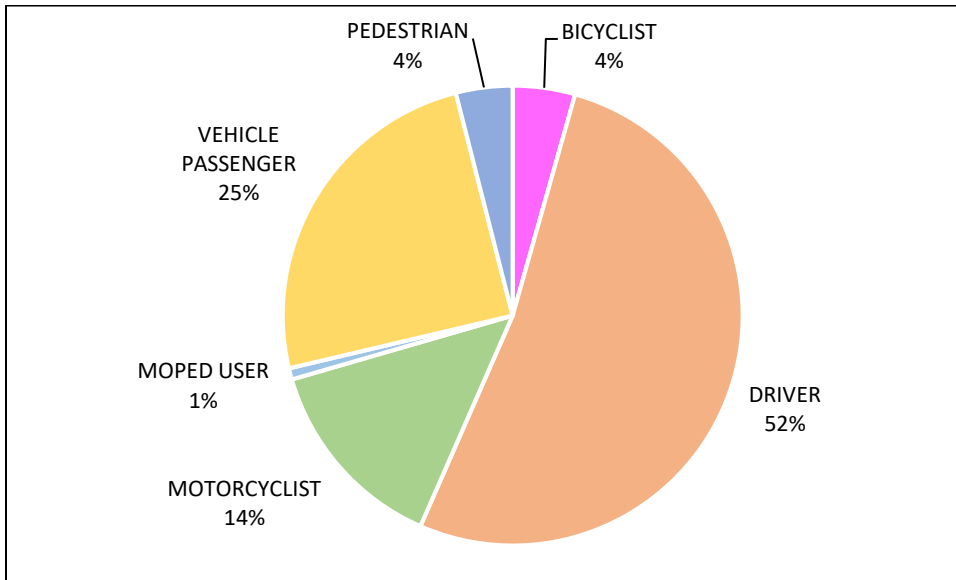


FIGURE 17: FATALITIES AND INCAPACITATING INJURIES BY ROLE, WISCONSIN, 2012-2016

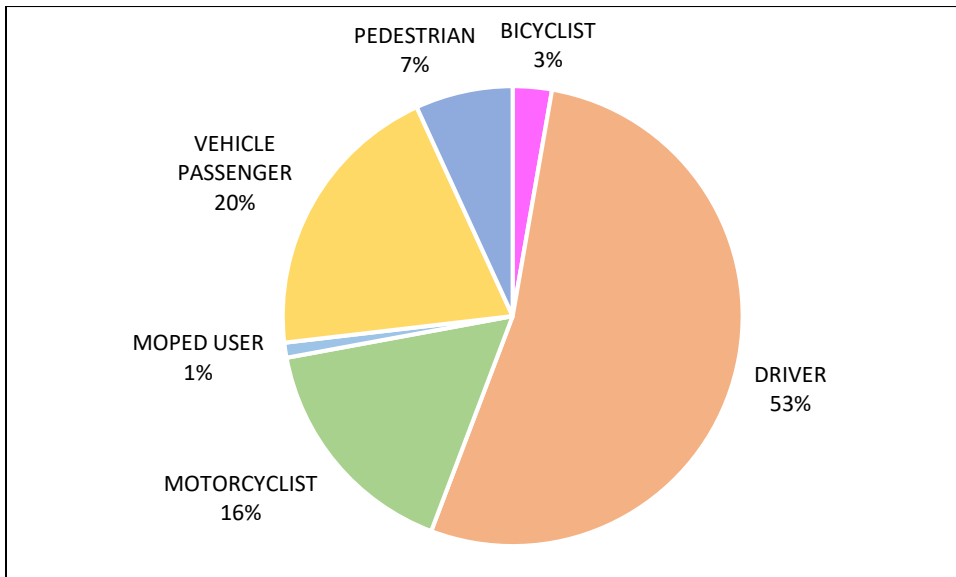


FIGURE 18: FATAL AND INCAPACITATING INJURIES BY AGE IN MARINETTE COUNTY, 2012-2016

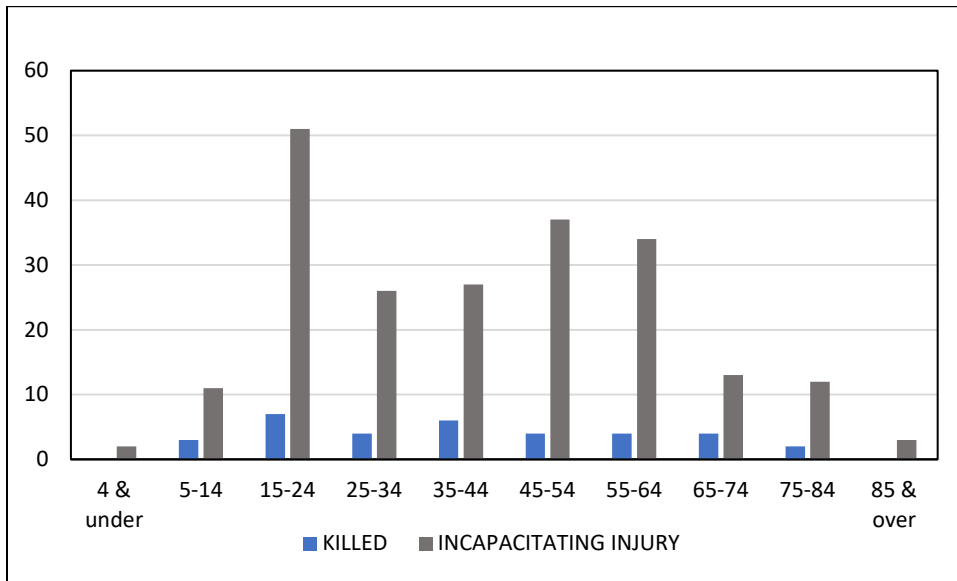


FIGURE 19: FATAL AND INCAPACITATING INJURIES BY AGE IN WISCONSIN, 2012-2016

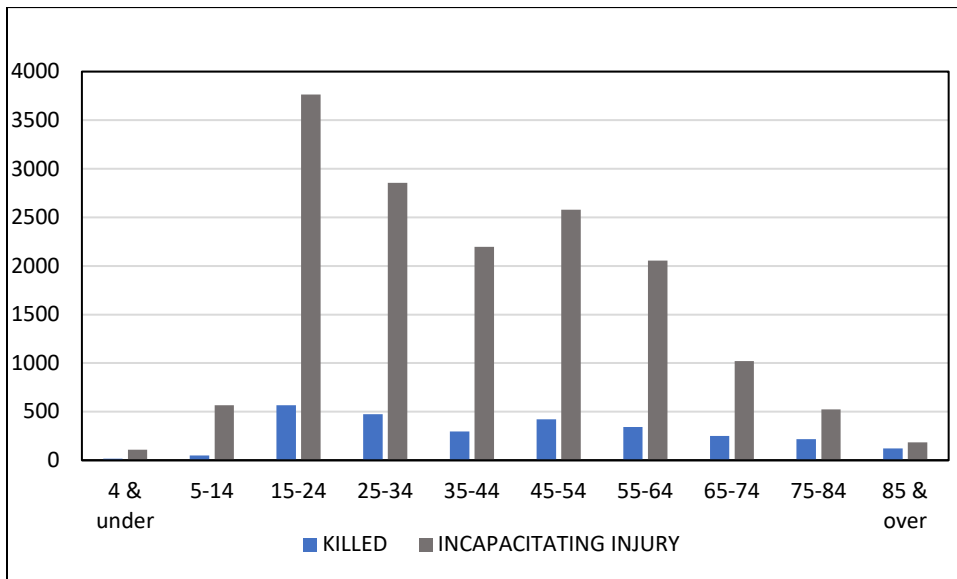
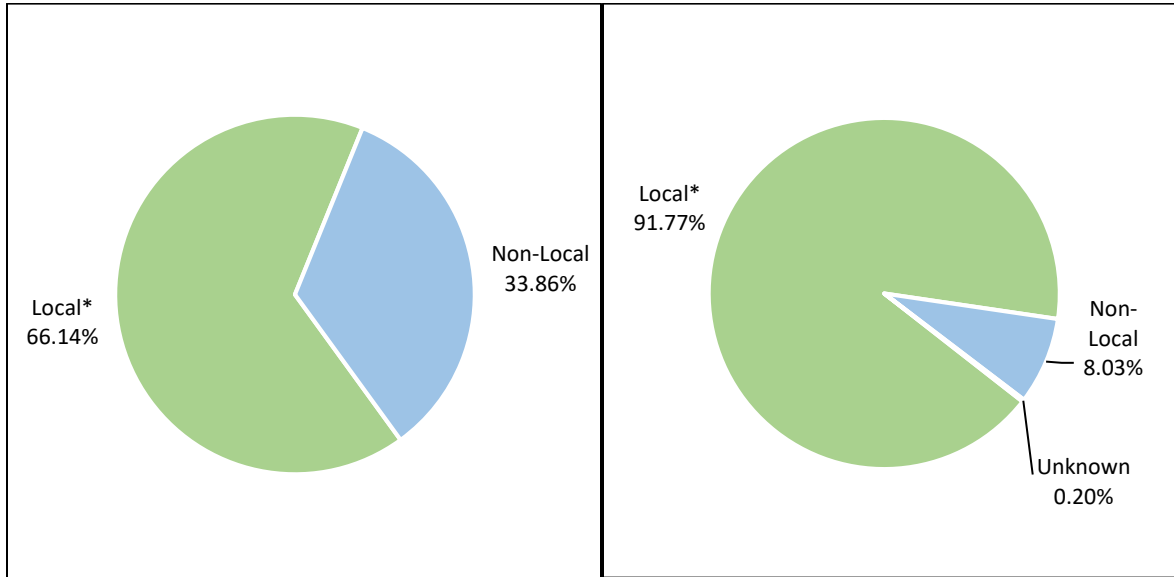


FIGURE 20: TOTAL FATALITIES AND INCAPACITATING INJURIES BY PLACE OF RESIDENCE (MARINETTE COUNTY ON LEFT AND STATE OF WISCONSIN ON RIGHT), 2012-2016



*Local is defined as persons with addresses that have ZIP codes fully or partially within the county.

FIGURE 21: FATALITIES AND INCAPACITATING INJURIES BY STATE OF RESIDENCE (MARINETTE COUNTY ON LEFT AND STATE OF WISCONSIN ON RIGHT), 2012-2016

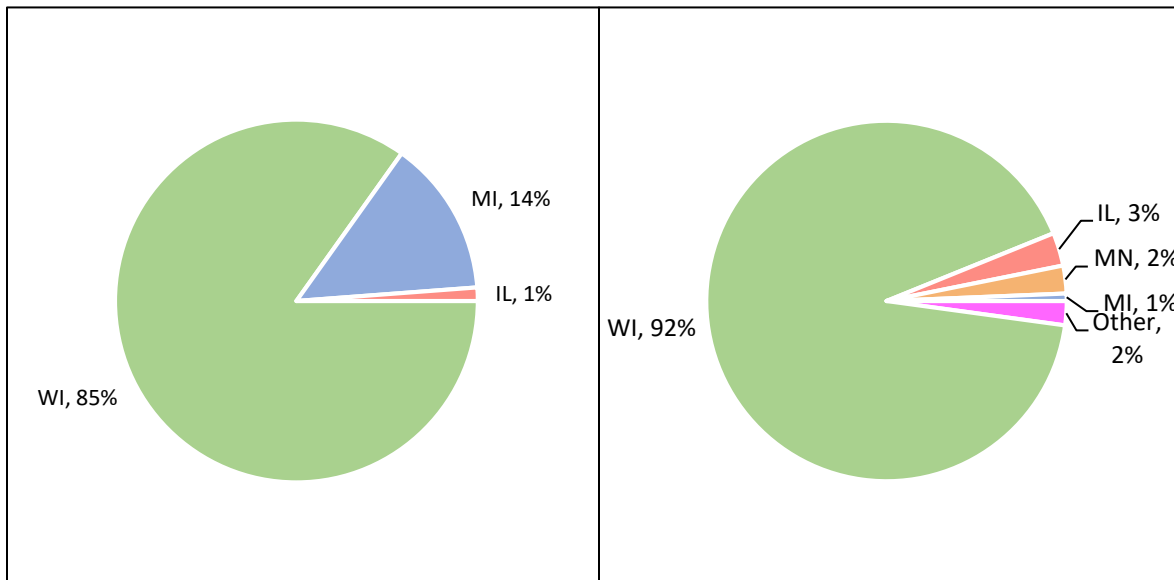


FIGURE 22: LOCATION OF CRASHES BY ROAD TYPE IN MARINETTE COUNTY, 2012-2016

	Total Fatal Crashes	Total Non-Fatal Injury Crashes
US/State Highways	42.4%	37.1%
County Highways	27.3%	24.1%
Local Roads	30.3%	38.9%

FIGURE 23: REPORTING OF FATAL AND SERIOUS INJURY CRASHES BY AGENCY, 2012-2016

LEA	TOTAL
COLEMAN POLICE DEPARTMENT	1
CRIVITZ POLICE DEPARTMENT	1
MARINETTE COUNTY SHERIFF	152
MARINETTE POLICE DEPARTMENT	38
NIAGARA POLICE DEPARTMENT	1
PESHTIGO POLICE DEPARTMENT	7
WISCONSIN STATE PATROL	7
TOTAL	207

ISSUE AREA: IMPROVE SAFETY CULTURE, SAFETY DATA, AND DATA TECHNOLOGY

Because this information is difficult to quantify and visualize, we recommend that readers view the most recent edition of the Wisconsin Strategic Highway Safety Plan at the following location: <http://wisconsindot.gov/Documents/safety/education/frms-pubs/strategichwy-17-20.pdf>

ISSUE AREA: REDUCE DRIVER DISTRACTION/IMPROVE DRIVER ALERTNESS

FIGURE 24: INATTENTION-RELATED STATISTICS, 2012-2016

	Inattention-Related Fatal Crashes	Inattention-Related Non-Fatal Injury Crashes
US/State Highways	60.0%	43.6%
County Highways	40.0%	19.1%
Local Roads	0.0%	37.2%

Marinette County	% of inattention-related fatal crashes to all fatal crashes	15.2%
Wisconsin	% of inattention-related fatal crashes to all fatal crashes	18.5%

ISSUE AREA: REDUCE ALCOHOL & DRUG-IMPAIRED DRIVING

FIGURE 25: ALCOHOL OR DRUG-RELATED CRASHES BY LOCATION, 2012-2016

	Alcohol or Drug-Related Fatal Crashes	Alcohol or Drug-Related Non-Fatal Injury Crashes
US/State Highways	40.0%	25.9%
County Highways	20.0%	28.6%
Local Roads	40.0%	45.5%

FIGURE 26: IMPAIRED DRIVING STATISTICS IN MARINETTE COUNTY, 2012-2016

Average Total Fatal Crashes	Average Non-Fatal Injury Crashes	Average Alcohol or Drug-Related Fatal Crashes	Average Alcohol or Drug-Related Non-Fatal Injury Crashes
6.6	200.2	3.0	22.4

Marinette County	% of alcohol or drug-related fatal crashes to all fatal crashes	45.5%
Wisconsin	% of alcohol or drug-related fatal crashes to all fatal crashes	45.0%

ISSUE AREA: REDUCE THE INCIDENCE AND SEVERITY OF MOTORCYCLE CRASHES

FIGURE 27: MARINETTE COUNTY MOTORCYCLISTS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	8.8%	14.7%	0.6	6.4
State	15.3%	16.5%	84.8	525.6

ISSUE AREA: IMPROVE NON-MOTORIST SAFETY

FIGURE 28: MARINETTE COUNTY PEDESTRIANS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	8.8%	3.2%	0.6	1.4
State	8.1%	6.6%	44.8	211.2

FIGURE 29: PEDESTRIANS INVOLVED IN CRASHES BY ACTION AND LOCATION, 2012-2016

PEDESTRIAN ACTION	PEDESTRIAN LOCATION				TOTAL
	BLANK	IN CROSSWALK	IN ROADWAY	NOT IN ROADWAY	
BLANK	1	3	2	1	7
WALKING NOT FACING TRAFFIC	0	0	7	1	8
DARTING INTO ROAD	0	0	4	0	4
DARK CLOTHING	0	3	3	0	6
WALKING FACING TRAFFIC	0	1	2	0	3
TOTAL	1	7	18	2	28

FIGURE 30: MARINETTE COUNTY BICYCLISTS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	0.0%	5.1%	0.0	2.2
State	1.8%	2.9%	10.2	92.4

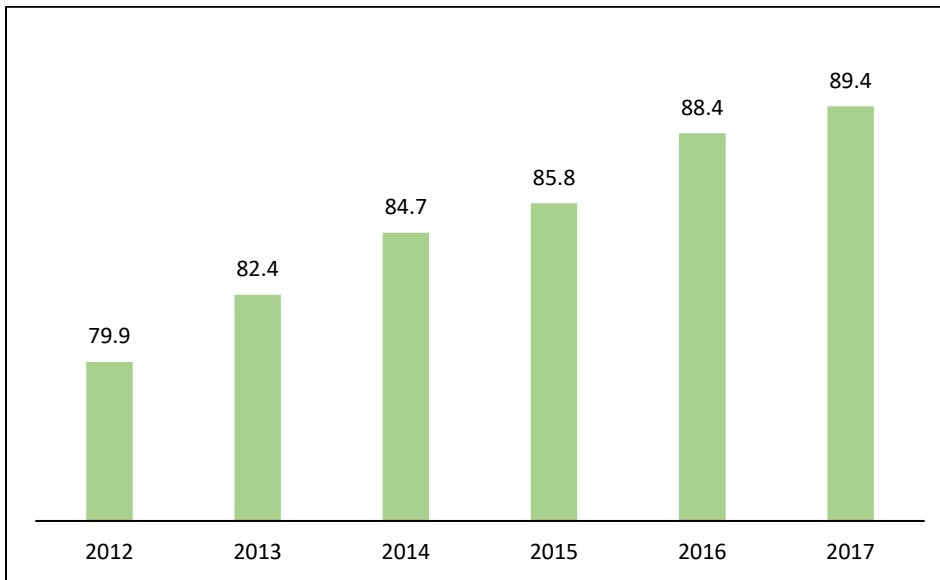
ISSUE AREA: IMPROVE SAFETY OF INTERSECTIONS

FIGURE 31: MARINETTE COUNTY TOTAL CRASHES BY LOCATION, 2012-2016

	County	State
% Intersection	34.0%	37.8%
% Non-intersection	66.0%	62.8%

ISSUE AREA: INCREASE OCCUPANT PROTECTION

FIGURE 32: SEATBELT USE STATEWIDE, 2012-2017



Seatbelt usage statewide has increased over the past six years.

FIGURE 32.2: SAFETY EQUIPMENT USAGE IN PASSENGER CAR AND LIGHT TRUCKS DURING CRASHES, 2012-2016

	Belted	Unbelted
Fatalities and Serious Injuries	62.3%	37.7%

ISSUE AREA: CURB AGGRESSIVE DRIVING/REDUCE SPEED-RELATED CRASHES

FIGURE 33: DRIVER POSSIBLE CONTRIBUTING CIRCUMSTANCES FOR CRASHES IN MARINETTE COUNTY (TOP) AND STATEWIDE (BOTTOM), 2012-2016

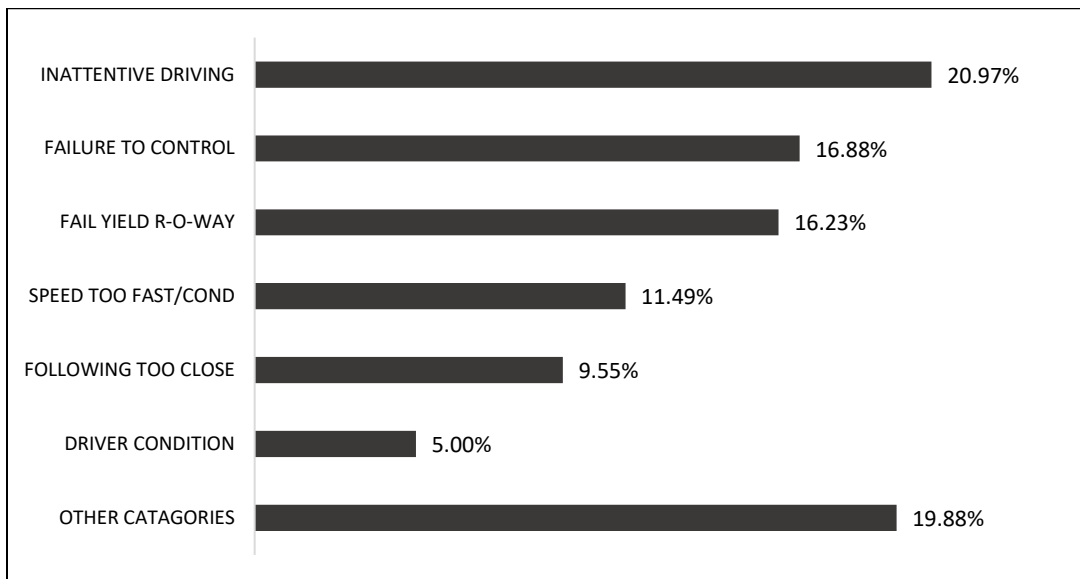
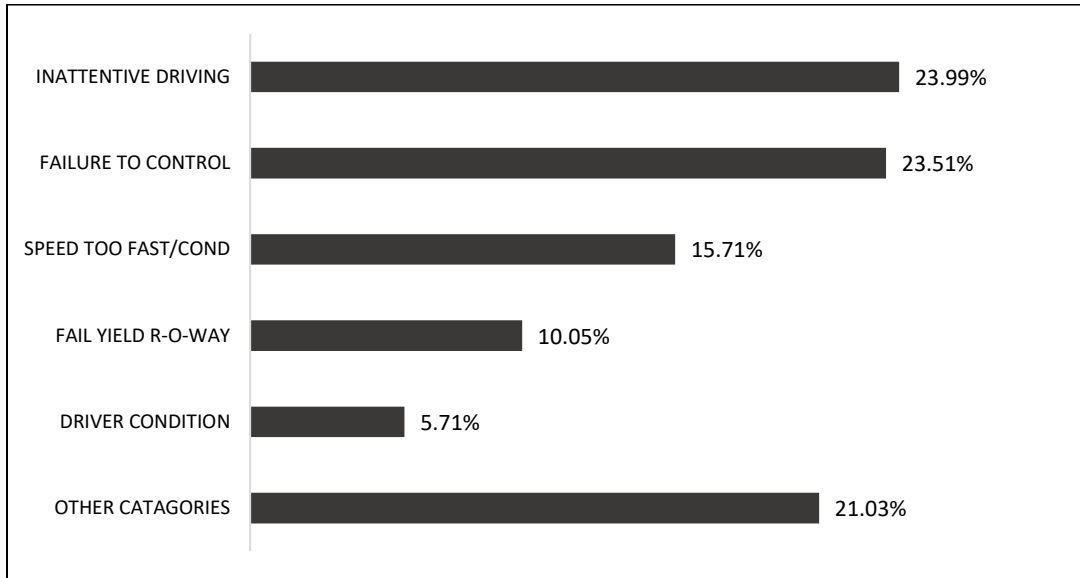


FIGURE 34: SPEEDING STATISTICS IN MARINETTE COUNTY, 2012-2016

Average Speed-Related Fatal Crashes	Average Speed-Related Non-Fatal Injury Crashes
2.0	53.4

Marinette County	% of speed-related fatal crashes to all fatal crashes	30.3%
Wisconsin	% of speed-related fatal crashes to all fatal crashes	28.9%

	Speed-Related Fatal Crashes	Speed Related Non-Fatal Injury Crashes
US/State Highways	30.0%	30.7%
County Highways	30.0%	30.0%
Local Roads	40.0%	39.3%

ISSUE AREA: REDUCE LANE DEPARTURE CRASHES

FIGURE 35: MARINETTE COUNTY RUN-OFF-THE-ROAD CRASHES, 2012-2016

	5 Year Average of Run-Off-the-Road crashes	% of Run-Off-the-Road crashes to total crashes
County	278.8	35.1%
State	30,395.6	25.4%

THE IMPACT

Quality of life costs and lost years of life due to traffic crashes are high. Medical costs are very high.

2011-2015 Annual Averages

	Marinette County	Wisconsin
Average Annual Population	41,556	5,716,883
Persons in Crashes (per 1,000 residents)	40.6	46.0
Crash-Related Emergency Room Visits (per 100,000 residents)	370.0	407.3
Crash-Related Hospitalizations (per 100,000 residents)	70.7	49.3
Quality of Life Costs (per 100,000 residents)	\$63,976,507	\$36,819,900
Lost Years of Life (per 1,000 residents)	6.60	3.04
Medical Costs (per 100,000 residents)	\$17,340,509	\$10,482,526

^{18,19}

¹⁸University of Wisconsin-Madison, Center for Health Systems Research & Analysis. Wisconsin Crash Outcome Data Evaluation System Project. "Wisconsin CODES Report Builder Custom Reporting System," <http://www.chsra.wisc.edu/codes/query/overview.htm> Accessed Oct. 2, 2017.

¹⁹University of Wisconsin-Madison, Center for Health Systems Research & Analysis. Wisconsin Crash Outcome Data Evaluation System Project. "Community Crash Reports," <http://www.chsra.wisc.edu/codes/community/default.htm> Accessed Oct. 3, 2017.

THE GRANTS

The Bureau of Transportation Safety targets counties throughout the state based on crash frequency and severity, considering their size, location, and contributing behavioral factors as indicated on crash forms received from local law enforcement agencies. Overtime enforcement grants are offered to the law enforcement agencies of a county to form a high-visibility enforcement task force that will coordinate efforts with each other and locals to change the driving behavior in their county. If a county makes the targeting list for an enforcement grant to address a behavioral highway safety issue, all law enforcement agencies within the county are eligible to participate on a task force to address the problem. National priority issue areas include impaired driving, seat belt use, speeding, and distracted driving.

2016 Grant Participation

	Impaired Driving	Occupant Protection	Speed
Marinette County Sheriff's Office	\$29,845		\$14,504.39
Coleman Police Dept.			
Crivitz Police Dept.			
Marinette Police Dept.	\$18,636	\$12,000	\$16,999
Niagara Police Dept.			
Peshtigo Police Dept.			

The Marinette County Sheriff's Office and Marinette Police Department participated on the Marinette County OWI Task Force.

2017 Task Forces

	Grant Amount
Marinette County OWI Task Force	\$49,896
Marinette County Seat Belt Task Force	\$51,660

2017 Task Force Participation

	Impaired Driving	Occupant Protection	Speed
Marinette County Sheriff's Office	Marinette County OWI Task Force	Marinette County Seat Belt Task Force	
Coleman Police Dept.			
Crivitz Police Dept.			
Marinette Police Dept.	Marinette County OWI Task Force	Marinette County Seat Belt Task Force	
Niagara Police Dept.			
Peshtigo Police Dept.			

2018 Task Force Eligibility

	Impaired Driving	Occupant Protection	Speed
Marinette County Law Enforcement Agencies	eligible	eligible	not eligible

Agency Mobilizations 2016-2017

	FY2016 Drive Sober or Get Pulled Over- Winter Holidays	2016 Click It or Ticket	2016 Drive Sober or Get Pulled Over – Labor Day	FY2017 Drive Sober or Get Pulled Over- Winter Holidays	2017 Click It or Ticket	2017 Drive Sober or Get Pulled Over – Labor Day
Marinette County Sheriff's Office						
Coleman Police Dept.						
Crivitz Police Dept.						
Marinette Police Dept.	yes	yes	yes	yes	yes	
Niagara Police Dept.						
Peshtigo Police Dept.						

The Wisconsin State Patrol participates in all three mobilizations each year. Law enforcement agencies should participate for the chance to receive an equipment grant for ongoing high-visibility enforcement.