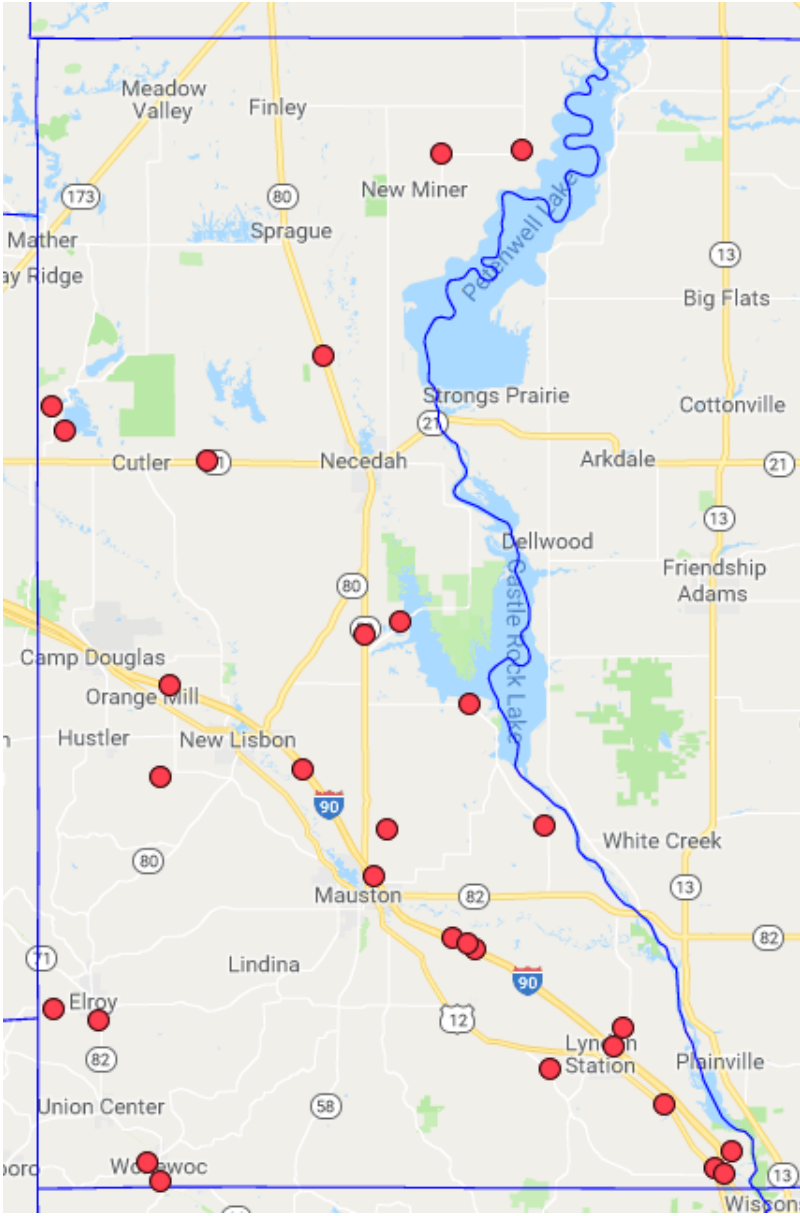


ANATOMY OF JUNEAU COUNTY: A TRAFFIC SAFETY SUMMARY



DID YOU KNOW...

One individual is killed or injured in a crash in Juneau County every 1.8 days?

THE PLACE

Section Summary

The principal routes in the county are I-90/94, STH 21, STH 80 north of I-90/94, and STH 82 east of I-90/94. Juneau County is among the top ten counties for VMT per capita. It is among the bottom ten counties for number of registered vehicles per VMT.

Urbanization

Juneau County is adjacent to the Baraboo and Marshfield-Wisconsin Rapids urban clusters. 16.51% of its population is urban, and 0.33% of the area of the county is urban.¹ The eastern border of the county is the Wisconsin River.

Road Network

Interstates 90 and 94 are designated as east-west highways, and they are concurrent for their entire length through the county. I-90/94 carries traffic from northwest to southeast bypassing Camp Douglas, New Lisbon, Mauston, Lyndon Station, and Wisconsin Dells. I-90 carries traffic west toward La Crosse and points west via Tomah and southeast toward Chicago, Illinois, and points east via Lake Delton, Madison, and Rockford, Illinois. I-94 carries traffic northwest to Eau Claire and Minneapolis-St. Paul, Minnesota via Black River Falls and Osseo, and it carries traffic east to Milwaukee via Lake Delton and Madison.

State Trunk Highway (STH) 21 is a primary arterial that runs from east to west across the county through Necedah, carrying traffic to and from Sparta and points west via Fort McCoy and east to and from Oshkosh via Wautoma. STH 80 primarily goes from north to south through Necedah, New Lisbon, Elroy, and Union Center, carrying traffic to and from Pittsville and Marshfield to the north and Richland Center via Hillsboro to the south. STH 80 to the north of I-90/94 is a primary arterial, and it connects to highways that carry traffic to and from Wisconsin Rapids. STH 82 goes from west to east through Union Center, Elroy, and Mauston. To the east of I-90/94, STH 82 is a primary arterial heading east toward Oxford, connecting with highways that carry traffic to and from Montello, Friendship, Fond du Lac, and Stevens Point. STH 82 is concurrent with STH 80 starting at their junction on the north edge of Elroy all the way to the Vernon County border. To the west, STH 82 carries traffic to and from Viroqua via Hillsboro.

United States Highway (USH) 12, designated as an east-west highway, traverses the county from northwest to southeast roughly parallel to I-90/94, carrying local traffic through Camp Douglas, New Lisbon, Mauston, Lyndon Station, and Wisconsin Dells. STH 16 is concurrent with USH 12 for its entire length in Juneau County. STH 58 begins approximately four miles south of the center of Necedah at STH 80 where STH 80 heads southwest, and then it travels south through Mauston, exiting the county toward La Valle. STH 33 cuts across the southwest corner of the county, traveling through Union Center and Wonewoc, carrying traffic to and from La Crosse via Hillsboro and Cashton to the west, and to and from Portage via Reedsburg and Baraboo to the east. From Union Center west to the Vernon County border, STH 33 is concurrent with STH 80/82. STH 71 is an east-west highway that begins at STH 80/82 in

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>

Elroy and heads northwest toward Sparta via Norwalk. STH 173 cuts across the northwest corner of the county through Necedah National Wildlife Refuge. Hustler is south of Camp Douglas along County Trunk Highway (CTH) H and west of New Lisbon along CTH A.

Miles of Roadway

There are 1,535 miles of roads in Juneau County, of which 1,094 (71.3%) are local roads, 192 (12.5%) are state roads, and 234 (15.2%) are county roads, and 15 miles are classified as another type.²

Vehicle Registrations and Vehicle Miles of Travel (VMT)

In 2016, there were 9,764 autos, 2,091 cycles, 3,156 trailers, and 16,896 trucks registered in Juneau County.³ VMT in 2016 was 705,288,040.⁴

² Wisconsin Department of Transportation. "County Maps." Accessed Sept. 29, 2017. <http://wisconsin.gov/Pages/travel/road/hwy-maps/county-maps/default.aspx>

³ Wisconsin Department of Transportation. "Facts and Figures 2016, Vehicles Registered by County." Accessed Nov. 6, 2017. <http://wisconsin.gov/Documents/about-wisdot/newsroom/statistics/factsfig/vehregcounty.pdf>

⁴ Wisconsin Department of Transportation. "2016 Vehicles Miles of Travel (VMT) by County." Accessed Nov. 6, 2017. <http://wisconsin.gov/Documents/projects/data-plan/veh-miles/vmt2016-c.pdf>

Traffic Volume

As can be seen, traffic volumes in Juneau County are highest along the southeast-to-northwest I-94 corridor, a highly travelled corridor connecting the cities of Chicago, Milwaukee, Madison, and the Twin Cities (along with a host of smaller cities, like Eau Claire). The maximum daily in the county is reported at about 46,000.

FIGURE 1:



Commuting Flows

FIGURE 2: COMMUTING FLOWS AMONG COUNTIES

Workers who Reside in Juneau County Work in:		People who Work in Juneau County Reside in:	
Juneau County	7,480	Juneau County	7,480
Sauk County	1,920	Monroe County	904
Monroe County	1,186	Sauk County	493
Columbia County	247	Adams County	313
Dane County	163	Vernon County	252
Adams County	155	Wood County	144
Vernon County	146	La Crosse County	112
Wood County	143	Columbia County	78
		Richland County	52
		Dane County	50
		Eau Claire County	48
		Jackson County	48
Others	443	Others	246

5

As seen below in Figure 3, the most common commuting flow between two different municipalities is between residences in the town of Lemonweir and workplaces in Mauston.

FIGURE 3: COMMUTING FLOWS BETWEEN MUNICIPALITIES (TOP 15)

Residence	Place of Work	Number
Lemonweir (Town)	Mauston	394
New Lisbon	Mauston	207
Germantown (Town)	Mauston	184
Lindina (Town)	Mauston	176
Lisbon (Town)	Mauston	171
Necedah (Town)	Mauston	170
Mauston	Lake Delton	148
Lyndon (Town)	Wisconsin Dells	143
Lisbon (Town)	New Lisbon	134
Lyndon (Town)	Lake Delton	122
Necedah (Town)	Tomah	106
Camp Douglas	Tomah	96
Fountain (Town)	Mauston	93
Mauston	Elroy	93
Tomah	Mauston	89

6

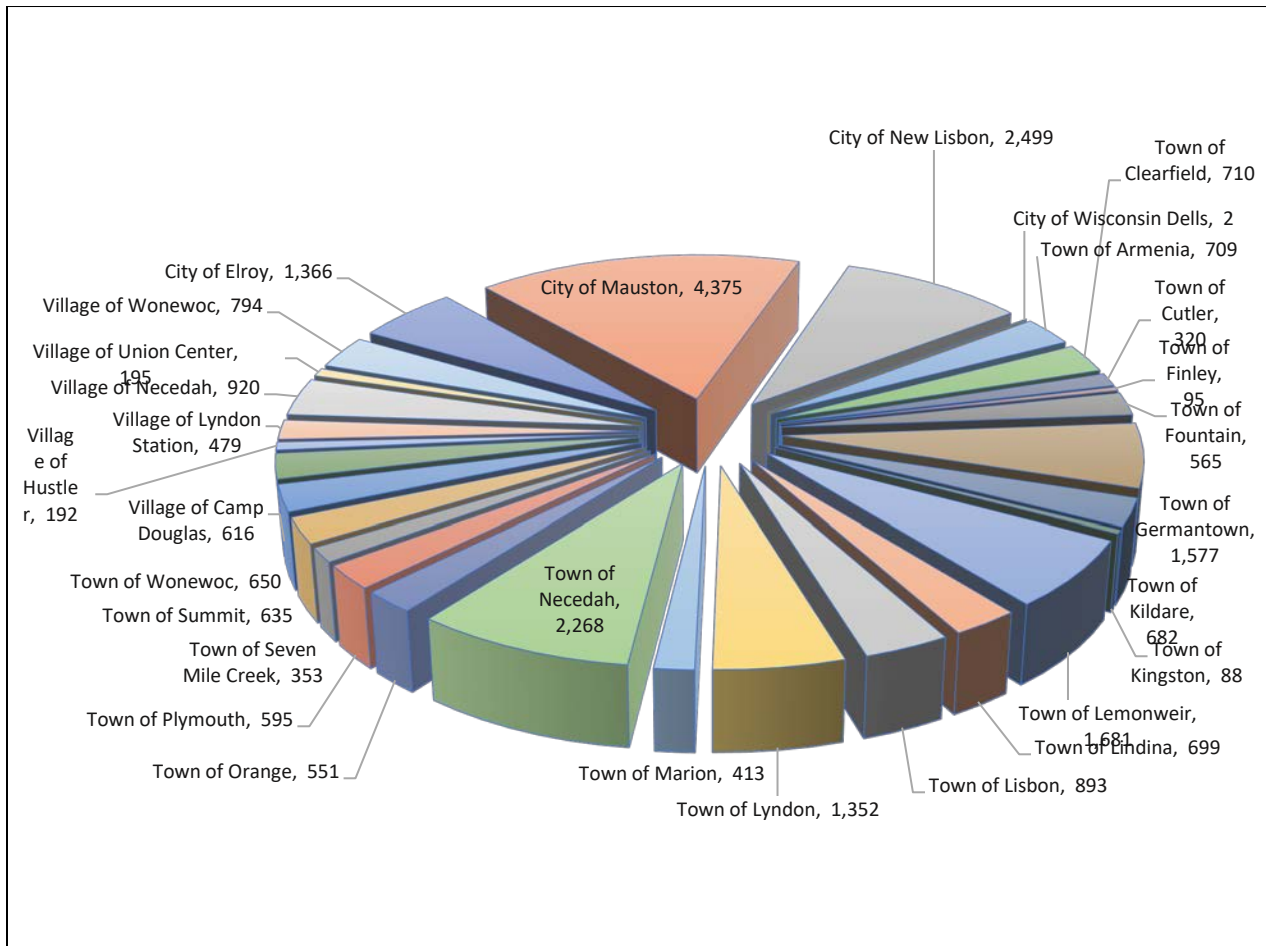
⁵United States Census Bureau. 2009-2013 5-Year American Community Survey Commuting Flows. <https://www.census.gov/data/tables/time-series/demo/commuting/commuting-flows.html> Accessed Sept. 29, 2017.

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 Oct. 5, 2017.

THE POPULATION

The population of Juneau County—about 26,000 individuals—is distributed through 29 different jurisdictions with no dominant population center. The largest of these—the city of Mauston—contains slightly less than 20% of the county’s population. The only other jurisdictions with populations greater than 2,000 are the cities of New Lisbon and Necedah. Most of the rest of the population lives within smaller towns and villages.

FIGURE 4: POPULATION OF JUNEAU COUNTY MUNICIPALITIES (2016)



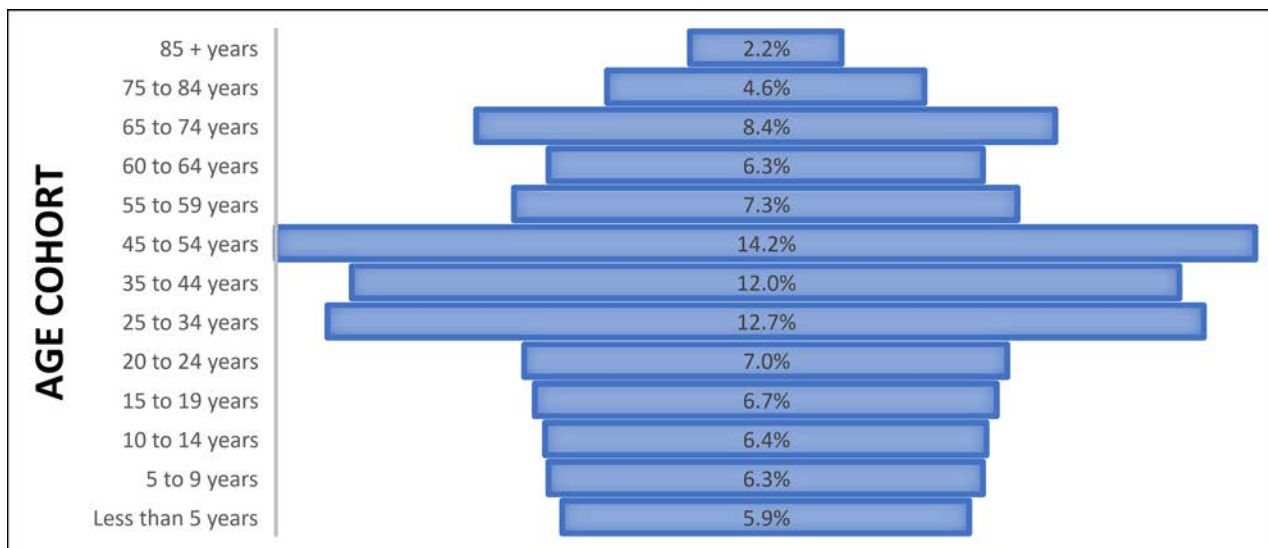
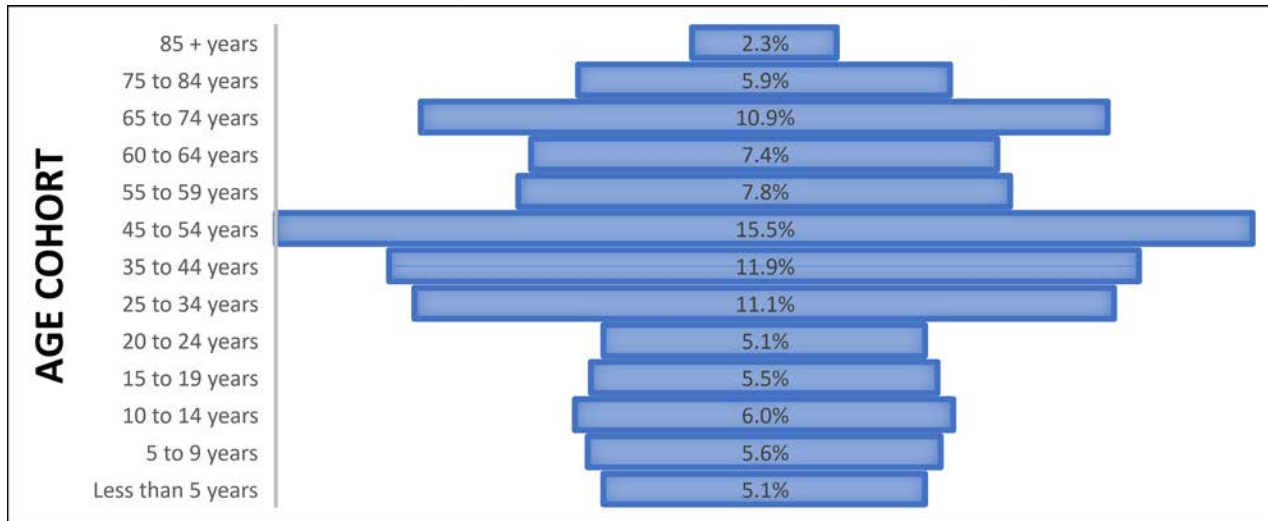
7

Population Trends

Between 2010 and 2016, the county’s population declined by about 1.3%. The average age of the county is higher than that of the state (43 vs. 39 years). Juneau County’s population pyramid is thus slightly more “top-heavy” than the state generally.

⁷ 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.

FIGURE 5⁸: POPULATION PYRAMIDS (JUNEAU COUNTY ABOVE AND STATE BELOW)

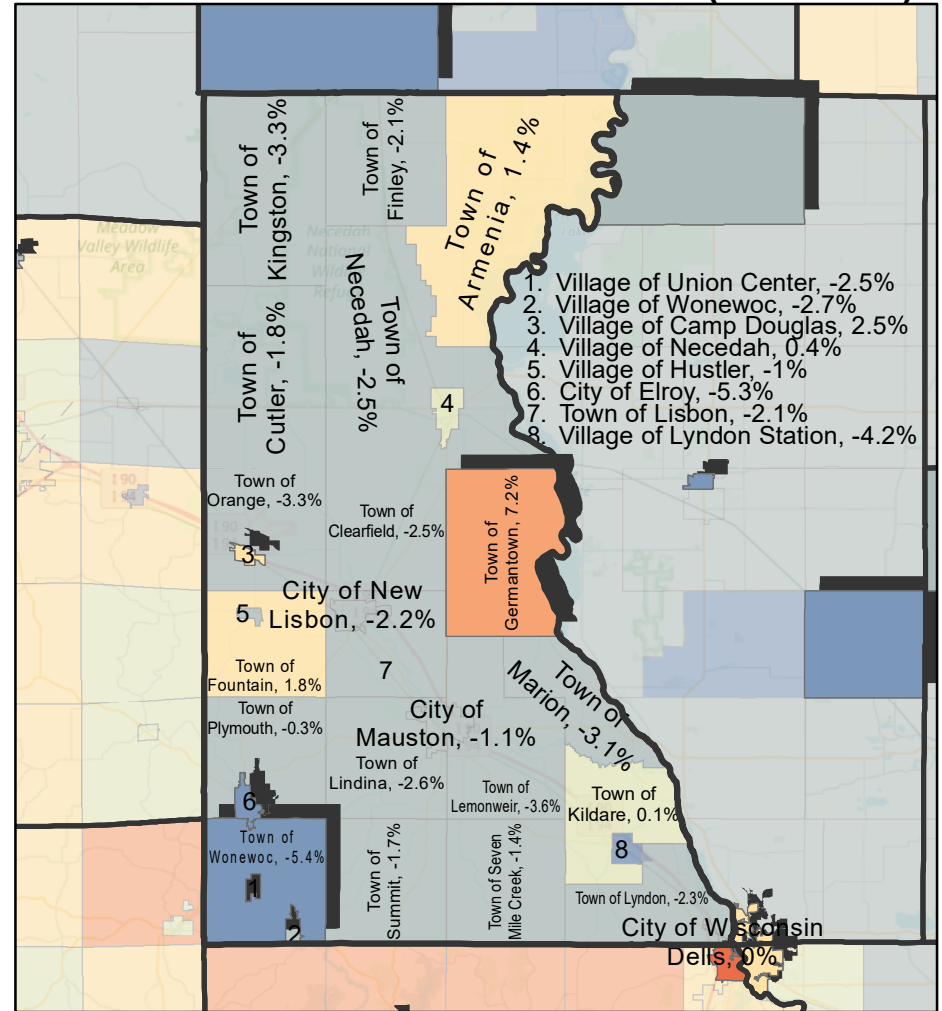
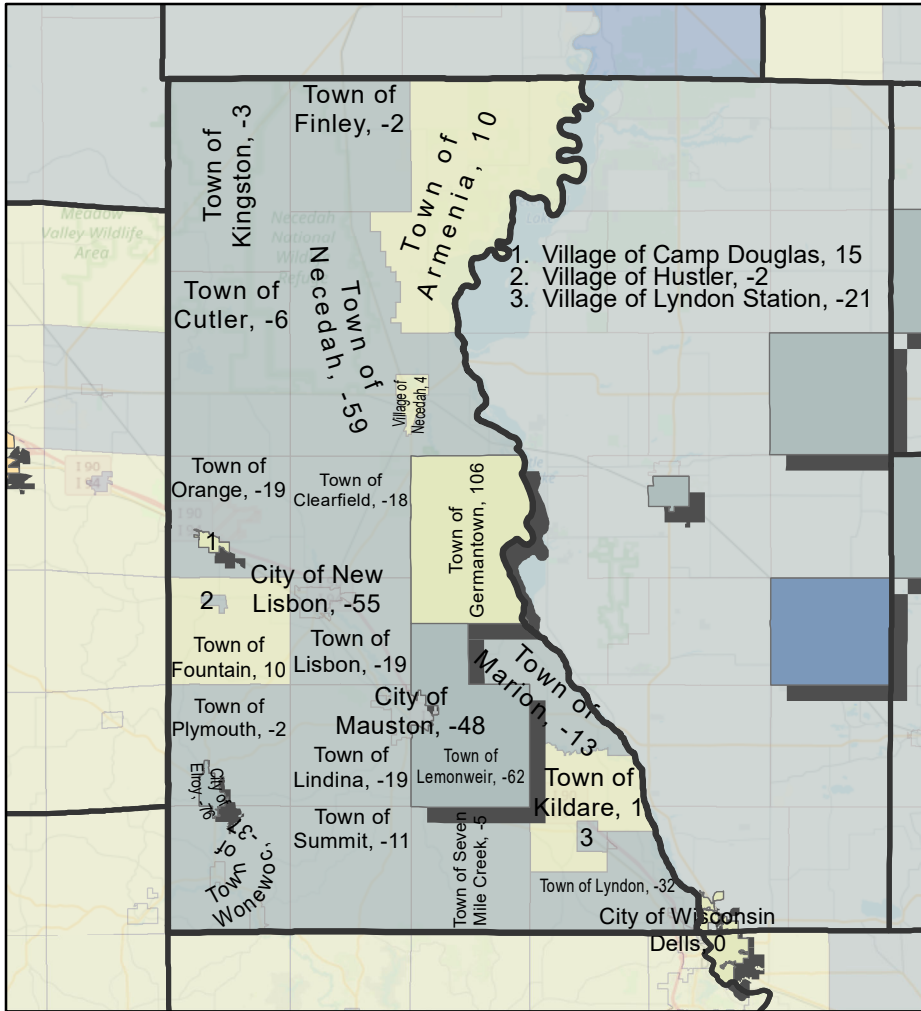


Generally, jurisdictions in the county are experiencing declining populations (with most places losing population equal to between 1 and 3% of their population between 2010 and 2016). The fastest growing community is the town of Germantown in the east-central portion of the county. (In the images, the 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

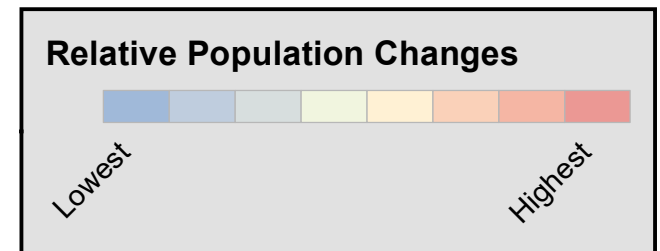
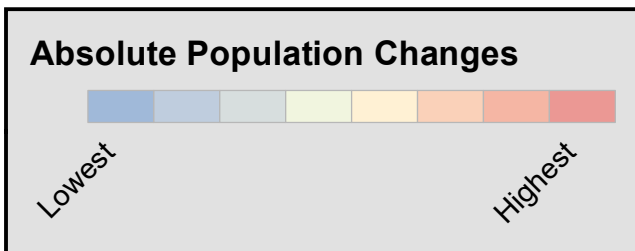
⁸ United States Census Bureau. “Selected Economic Characteristics DP03, Employment Status.” 2012-2016 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed November 6th, 2017.

⁹ The highlighted jurisdiction in the image shows the two jurisdictions that are growing fastest and the two jurisdictions growing the slowest.

ABSOLUTE AND RELATIVE POPULATION CHANGES JUNEAU 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

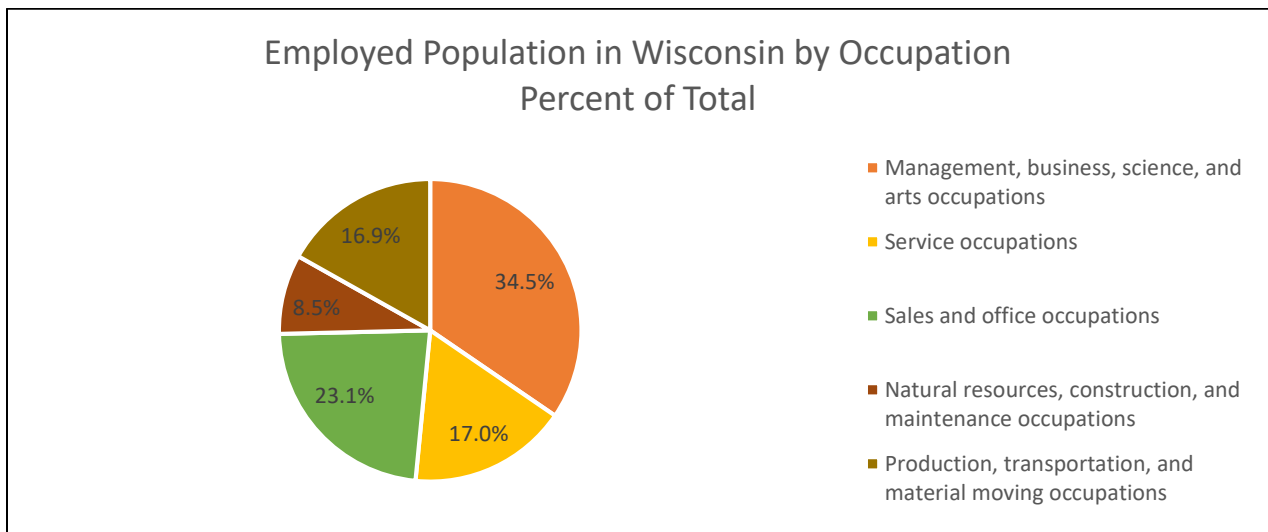
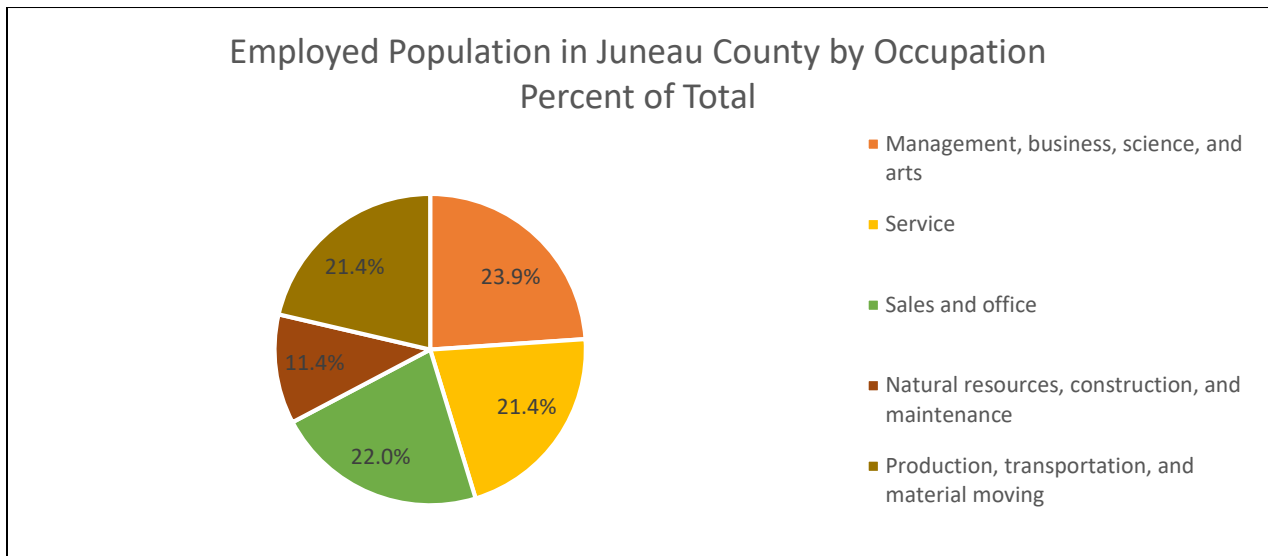


THE ECONOMY

Section Summary

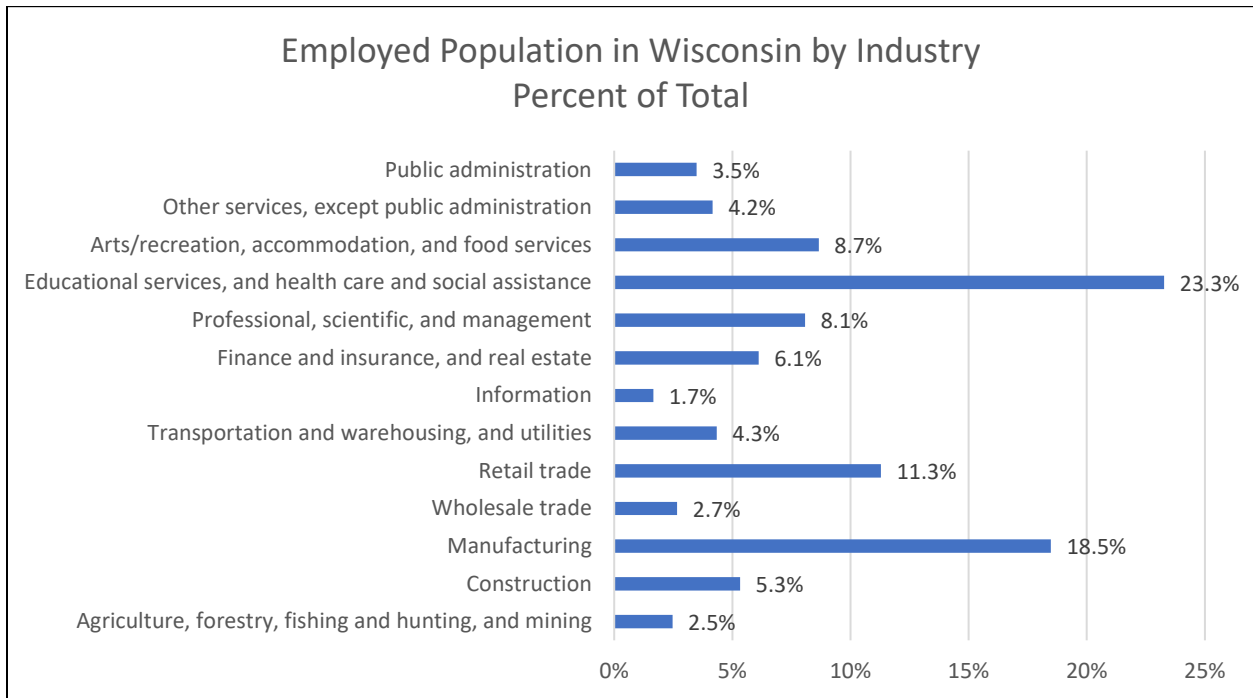
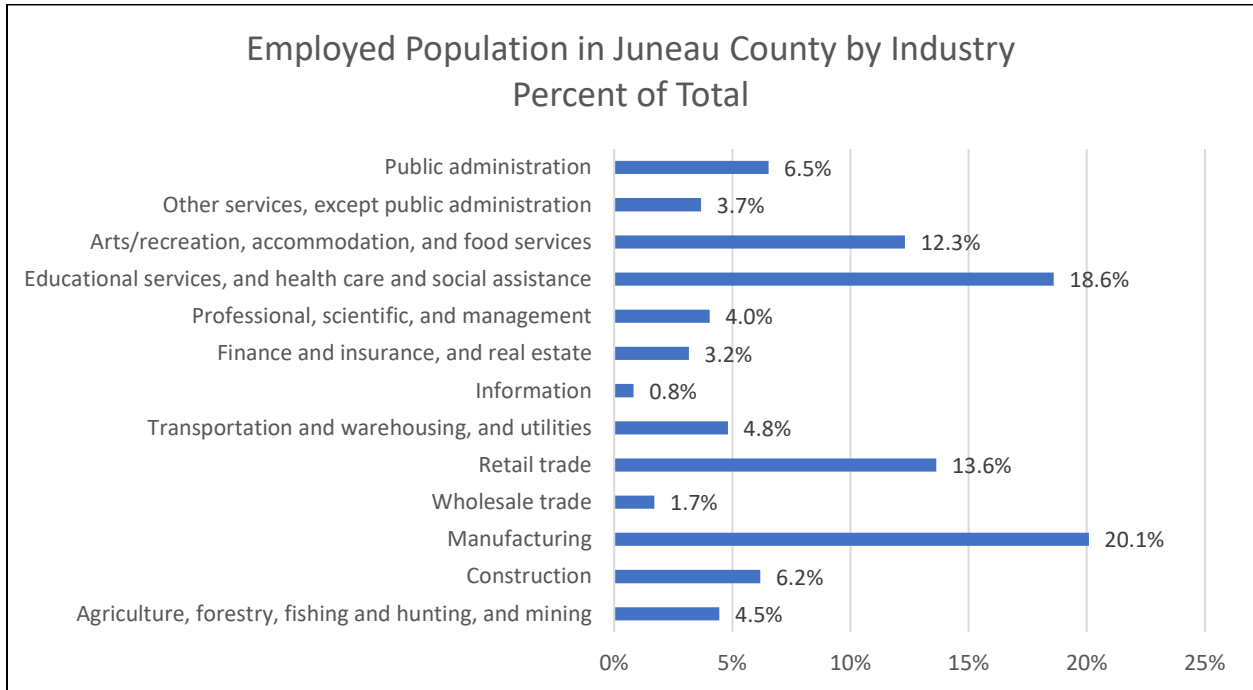
The unemployment rate in Juneau County has been, on average, 1.1% higher than that of the state over the last decade. Generally, the county has a comparatively low number of jobs in management, business, science, or the arts. The proportion of the population that works in public administration as well as the recreation, accommodation, or food services industries is fairly large, while the proportion that works in the educational services, health care, social assistance, professional, scientific, or management industries is fairly small. The county has a small information industry.

FIGURE 7: EMPLOYMENT BY OCCUPATION ¹⁰



¹⁰ 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.

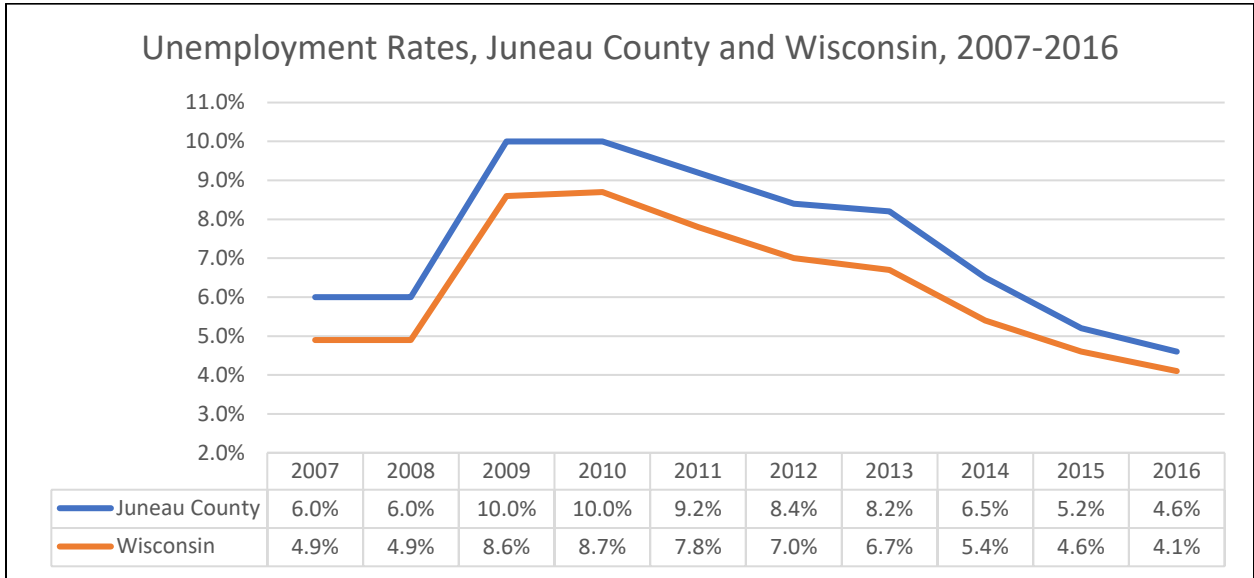
FIGURE 8: EMPLOYED POPULATION BY INDUSTRY



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 9: UNEMPLOYMENT RATES



12

¹² 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-two percent of licensees have liquor for sale for consumption on site. Seventeen percent of the licenses are in Mauston, 8% are in New Lisbon, 6% are in Lyndon Station, 6% are in Necedah, 6% are in Wonewoc, and 42% are in towns.

FIGURE 10: ALCOHOL BEVERAGE LICENSES BY JURISDICTION, JUNEAU COUNTY

	Camp Douglas	Elroy	Hustler	Lyndon Station	Mauston	Necedah	New Lisbon	Union Center	Wonewoc	Towns	Total (By Liq. License)
AB or AC	2			1	1	1	2			1	8
AL or ALB		2	1	1	5	3	3	1	1	7	24
BB or CW	1			1	4	1			2	9	18
BL or BLB	3	5	3	6	13	4	6	2	6	41	89
Others	2				1					2	5
Total (By Municipality)	8	7	4	9	24	9	11	3	9	60	144

13

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)

14

¹³ Wisconsin Department of Revenue. Oct. 4, 2017. "WI Liquor Licenses 2017-18."

¹⁴ 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 JUNEAU COUNTY BY JURISDICTION

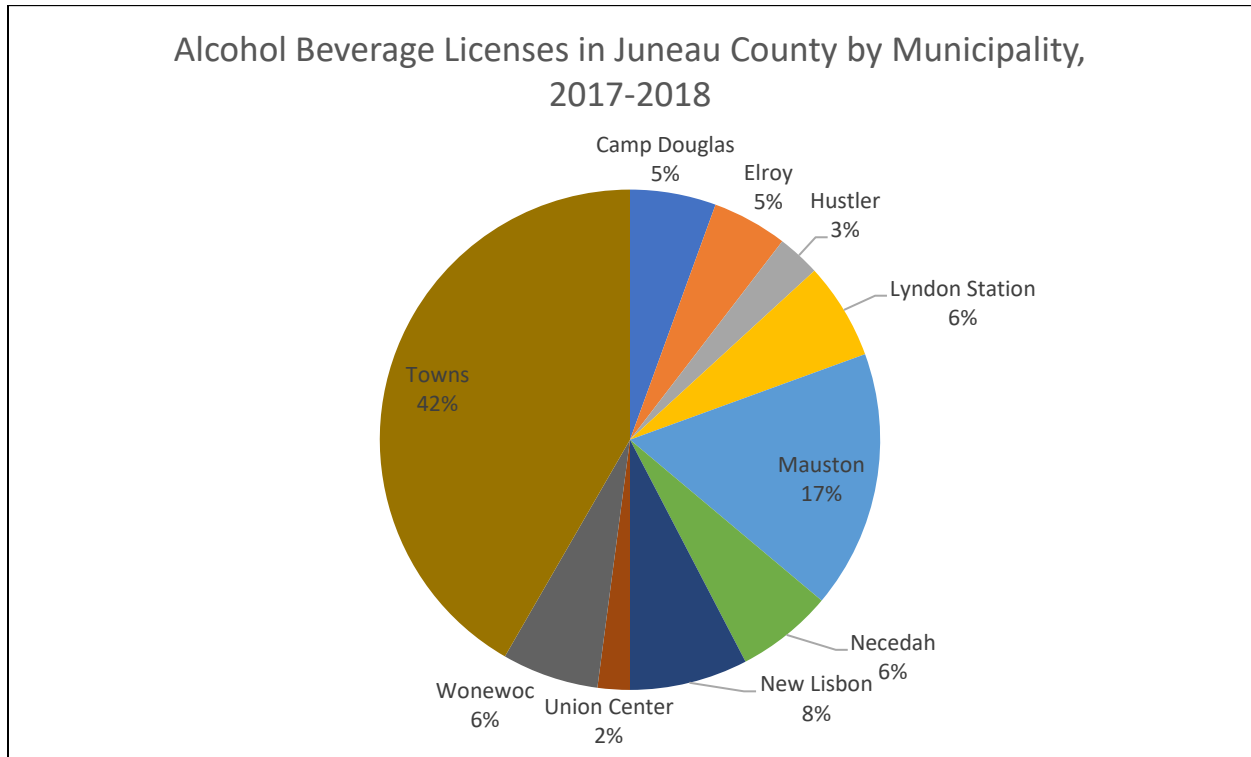
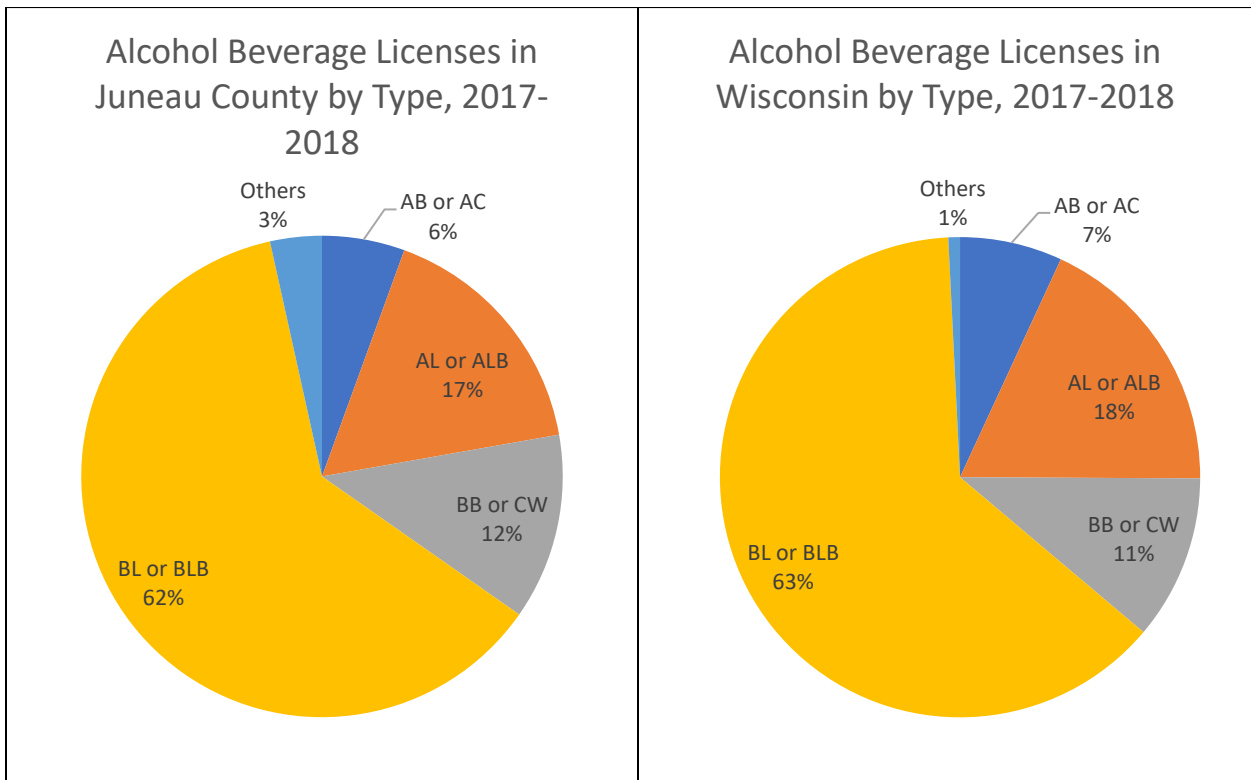


FIGURE 11: ALCOHOL BEVERAGE LICENSES BY TYPE



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, Juneau County reported a far lower injury-to-death ratio than the state generally (30.5 vs. 73.1).

Emergency Services

As can be seen, Juneau County contains a single hospital within its boundaries (a level III trauma center, located in the south-central portion of the county.¹⁵ Other level III trauma centers lie to the north and the south of the county's borders. The closest level II trauma center is in Marshfield—this facility is also a level II pediatric trauma center—while the closest level I facility is located in Madison.

Juneau County maintains seven different emergency providers (listed below). These companies employ 162 emergency personnel. Consequently, the county is the site of 6.1 emergency response personnel per 1,000 residents. This is higher than the state figure of 4.02 emergency response personnel per 1,000 residents.

¹⁵ 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 13:

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

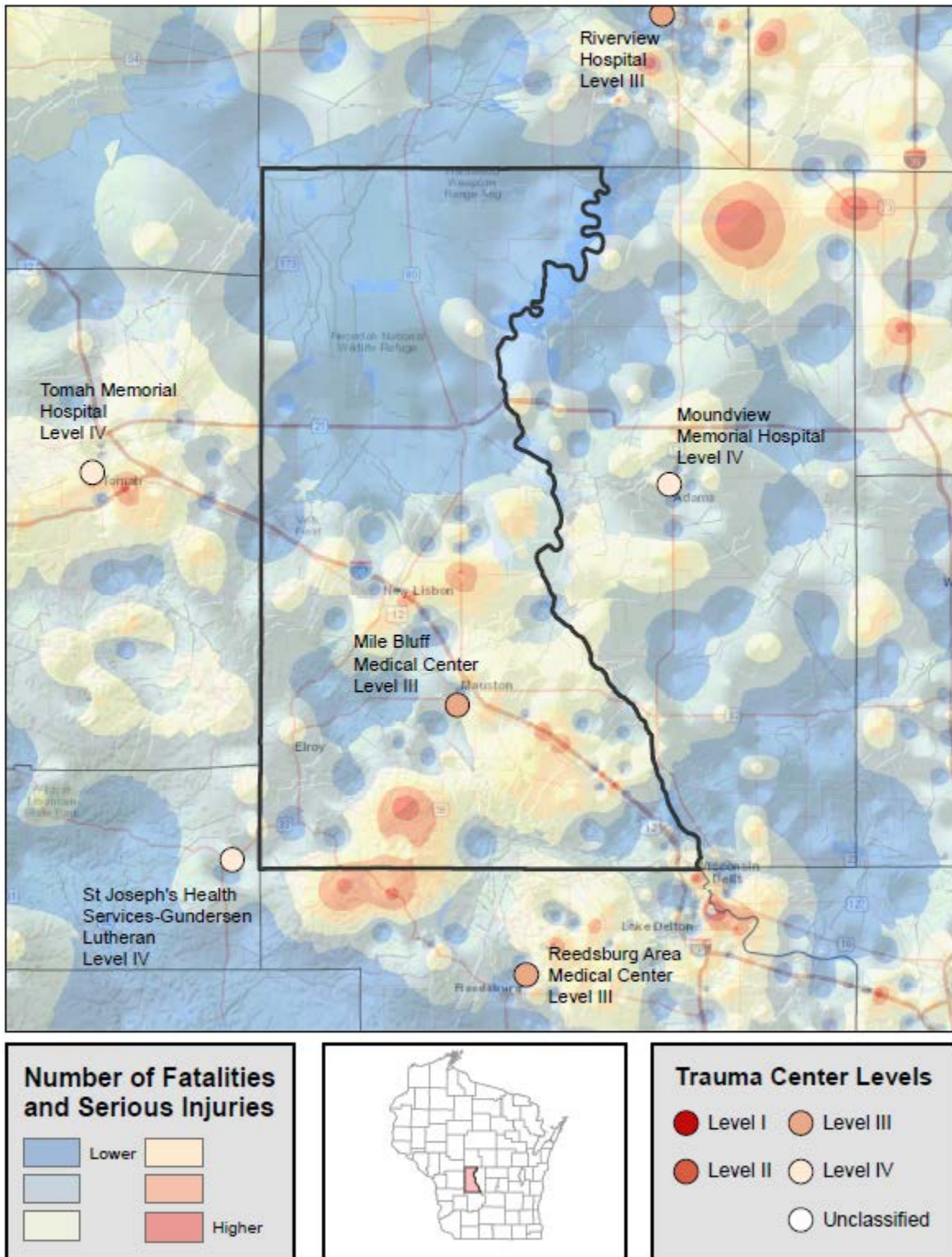
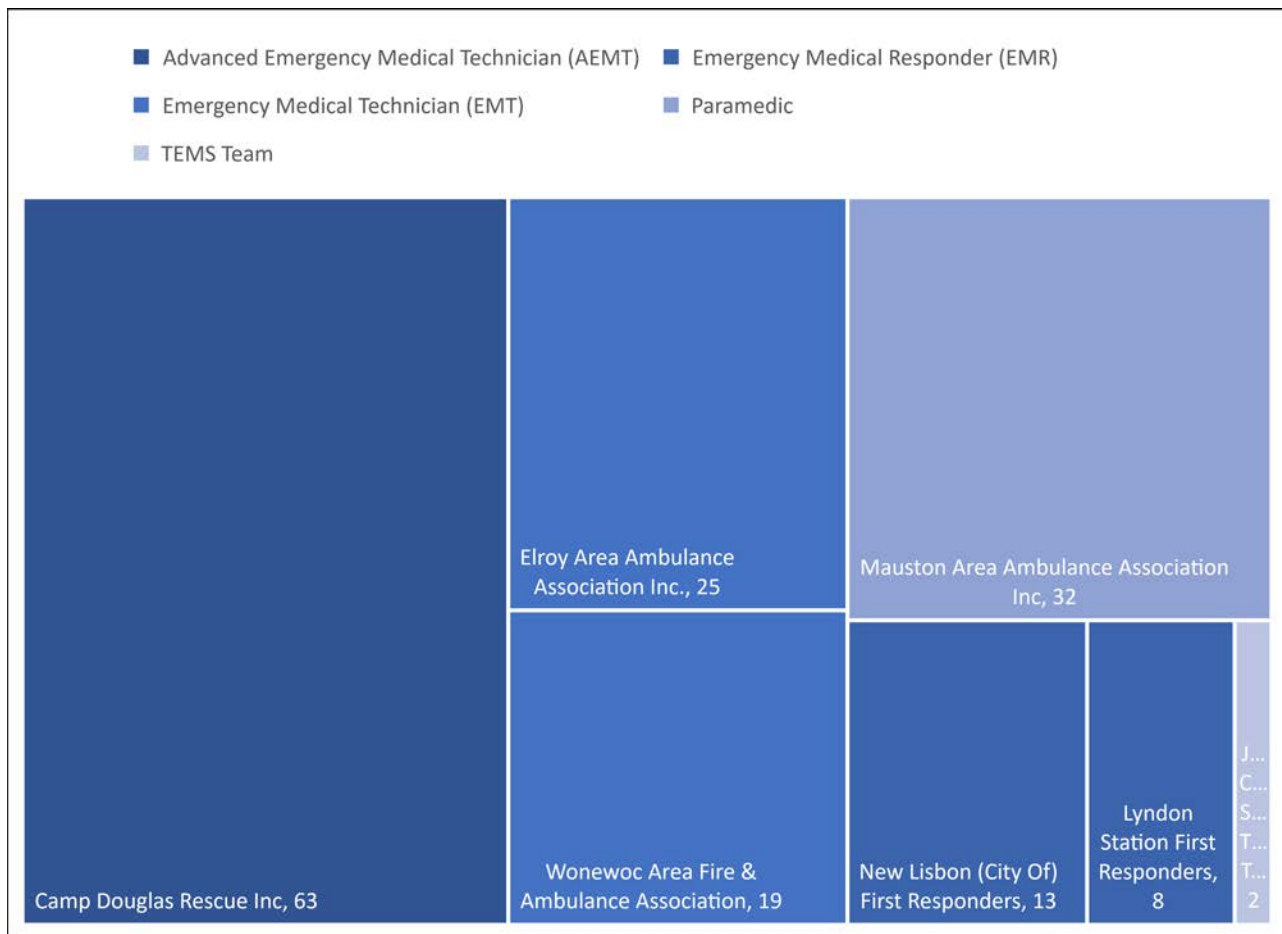


FIGURE 14: NUMBER OF EMT PERSONNEL/JURISDICTION ¹⁶

Primary Address County Name	Service License Level	Service Name	Number of Personnel
Juneau	Advanced Emergency Medical Technician (AEMT)	Camp Douglas Rescue Inc	63
Juneau	Emergency Medical Responder (EMR)	New Lisbon (City Of) First Responders	13
Juneau	Emergency Medical Responder (EMR)	Lyndon Station First Responders	8
Juneau	Emergency Medical Technician (EMT)	Elroy Area Ambulance Association Inc.	25
Juneau	Emergency Medical Technician (EMT)	Wonewoc Area Fire & Ambulance Association	19
Juneau	Paramedic	Mauston Area Ambulance Association Inc	32
Juneau	TEMS Team	Juneau County SO TEMS Team	2

FIGURE 14.2: NUMBER AND LEVEL OF EMERGENCY RESPONDERS PER JURISDICTION



¹⁶ Department of Health Services, 2017, Received through Happel, C.

THE CRASHES

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 Juneau County are listed below, and then facts and figures are organized to correspond with these ten issue areas.

Section Summary

For 2012-2016 Juneau County averaged 726 crashes with 7 persons killed and 199 persons injured annually. Juneau County's fatal crashes constituted 0.9% of their total and was just over twice the amount of the state (0.4%). Just over half, (51.6%), of Juneau County's fatal crashes involved alcohol or drug impairment, 25.8% were speed related, and 32.3% were inattention related. The top three driver PCCs for Juneau County crashes were failure to control (28%), inattentive driving (19%), and speed too fast for conditions (13%). Most of the fatal crashes (35.5%) occurred on county trunk highways whereas the majority for non-fatal injury crashes (38.0%) occurred on US/state trunk highways. Intersection crashes constituted 19.8% of crashes whereas non-intersection constituted 80.2%. The state numbers were 37.8% and 62.8% respectively. Juneau County averaged 276.2 run-off-the-road crashes that constituted 38.0% of their total crashes compared to 25.4% for the state. In terms of actual numbers, the Juneau County Sheriff's Office reported 115 of the 151 (76.2%) fatal and serious injury crashes from 2012-2016, followed by the Wisconsin State Patrol at 32 (21.2%). Eighty-two percent (150 of 184) of the killed and seriously injured persons in Juneau County crashes were Wisconsin residents. Fifty-four percent (99 of 184) resided in Juneau County. The top three roles of persons killed or seriously injured were drivers (54%), vehicle passengers (22%), and motorcyclists (21%). These percentages are comparable to the state. The 15-24 age bracket contained the greatest number of killed and seriously injured persons for both Juneau County and the state of Wisconsin. Of the killed and seriously injured persons in cars and light trucks in Juneau County, 71.9% were belted and 28.1% were unbelted. Pedestrians made up 6.1% of the persons killed from 2012-2016 in Juneau 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 Juneau county during this time frame. Motorcyclists made up 24.2% of the fatalities and 19.9% 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 1.6 killed and 6.0 seriously injured each year. Of all motorcyclists involved in crashes, 60% were not wearing a helmet.

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	6	6	6	6	5	5	7	7	7	9	6.2	6.6
Incapacitating Injury	16	26	26	27	28	36	20	25	30	37	24.0	30.2
Non-Incapacitating Injury	52	64	61	79	74	102	59	82	56	81	60.4	81.6
Possible Injury	52	83	65	82	41	68	57	94	71	108	57.2	87.0
No Apparent Injury	531	999	609	1,175	553	1,072	588	1,231	611	1,259	578.4	1,147.2
Totals	657	1,178	767	1,369	701	1,283	731	1,439	775	1,494	726.2	1,352.6

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

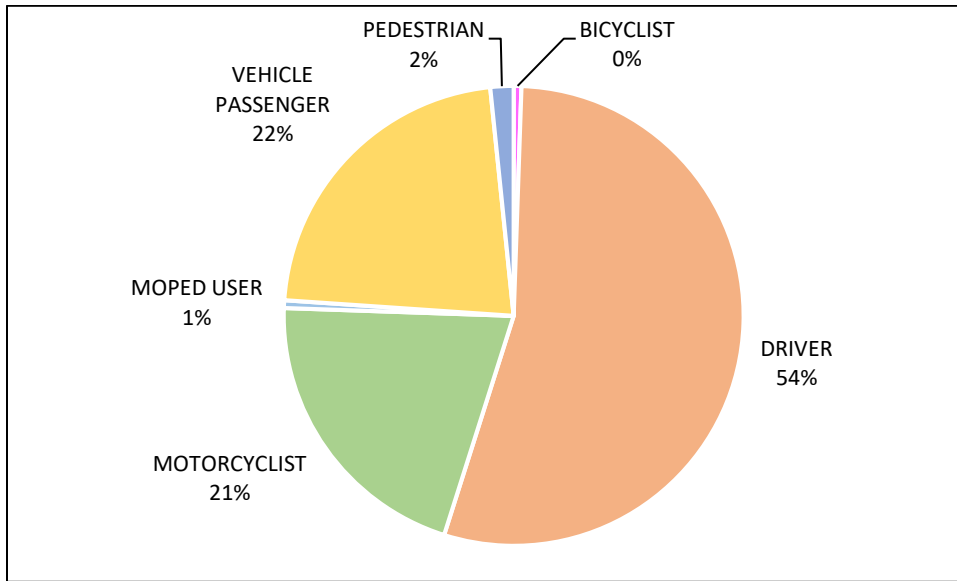


FIGURE 17: FATALITIES AND INCAPACITATING INJURIES BY ROLE, WISCONSIN, 2012-2016

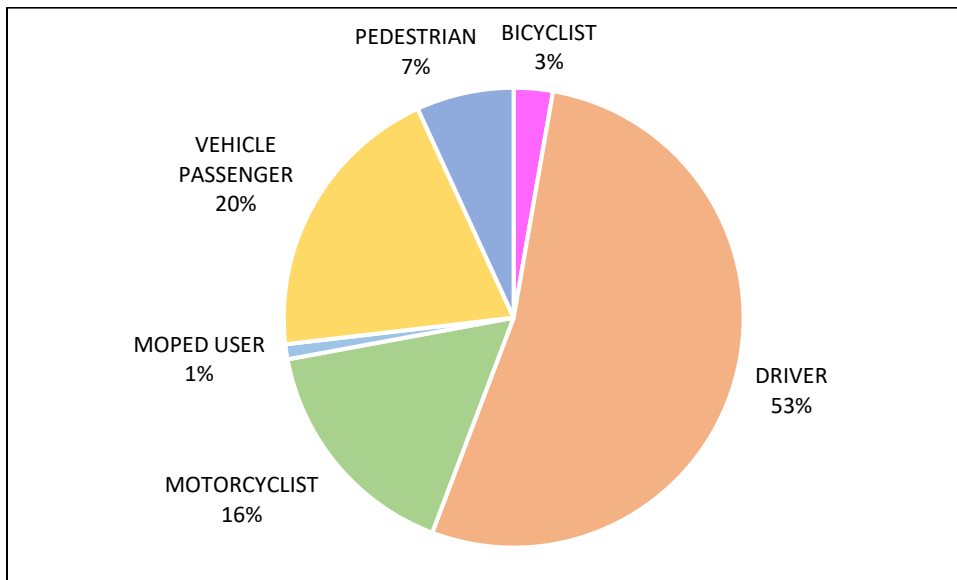


FIGURE 18: FATAL AND INCAPACITATING INJURIES BY AGE IN JUNEAU COUNTY, 2012-2016

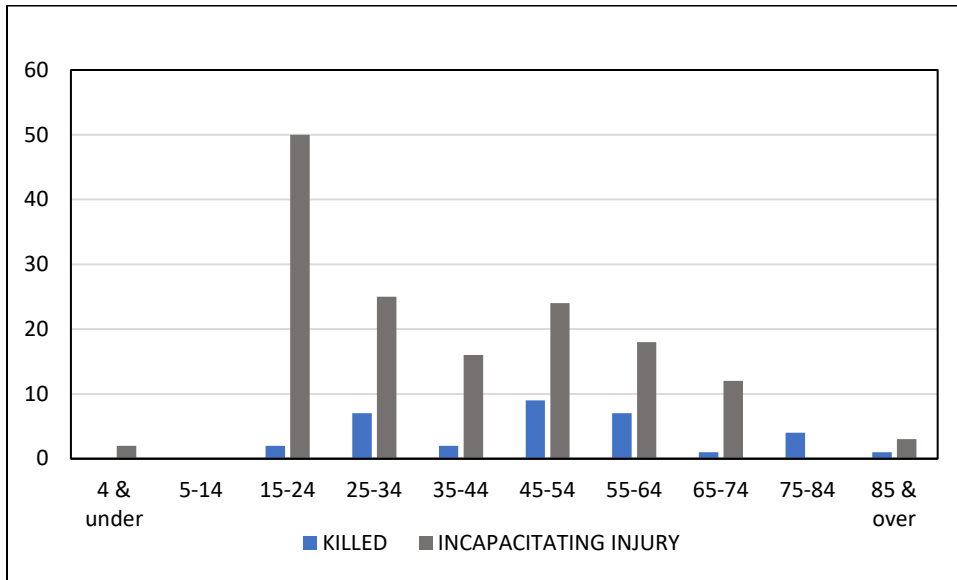


FIGURE 19: FATAL AND INCAPACITATING INJURIES BY AGE IN WISCONSIN, 2012-2016

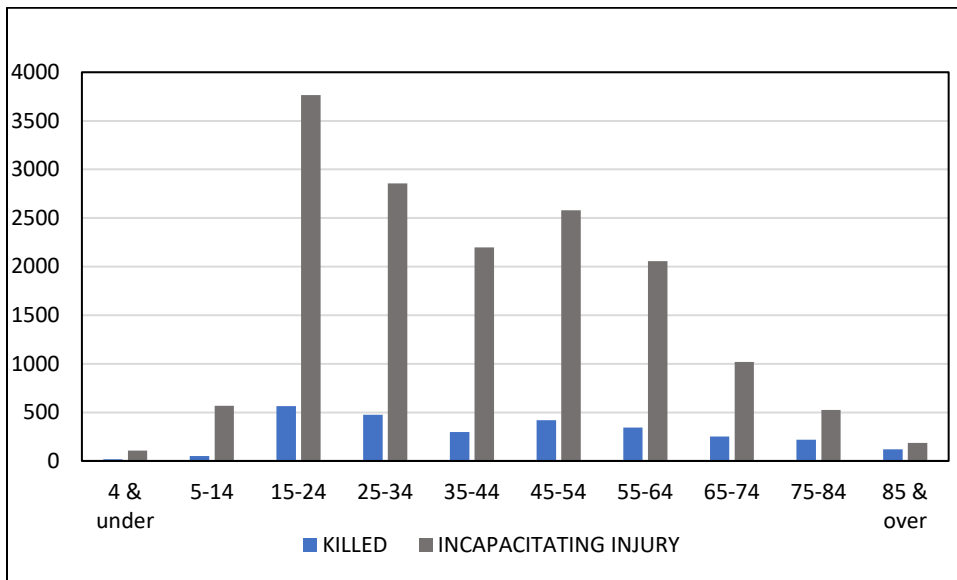
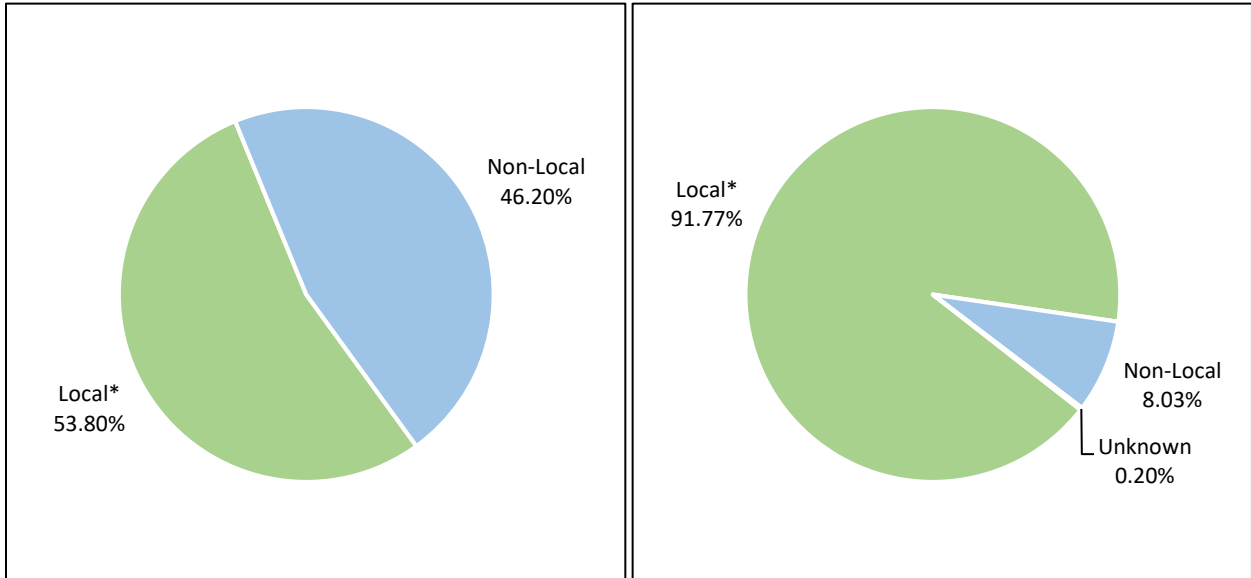


FIGURE 20: TOTAL FATALITIES AND INCAPACITATING INJURIES BY PLACE OF RESIDENCE (JUNEAU COUNTY ON LEFT AND STATE OF WISCONSIN ON RIGHT), 2012-2016



*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 (JUNEAU COUNTY ON LEFT AND STATE OF WISCONSIN ON RIGHT), 2012-2016

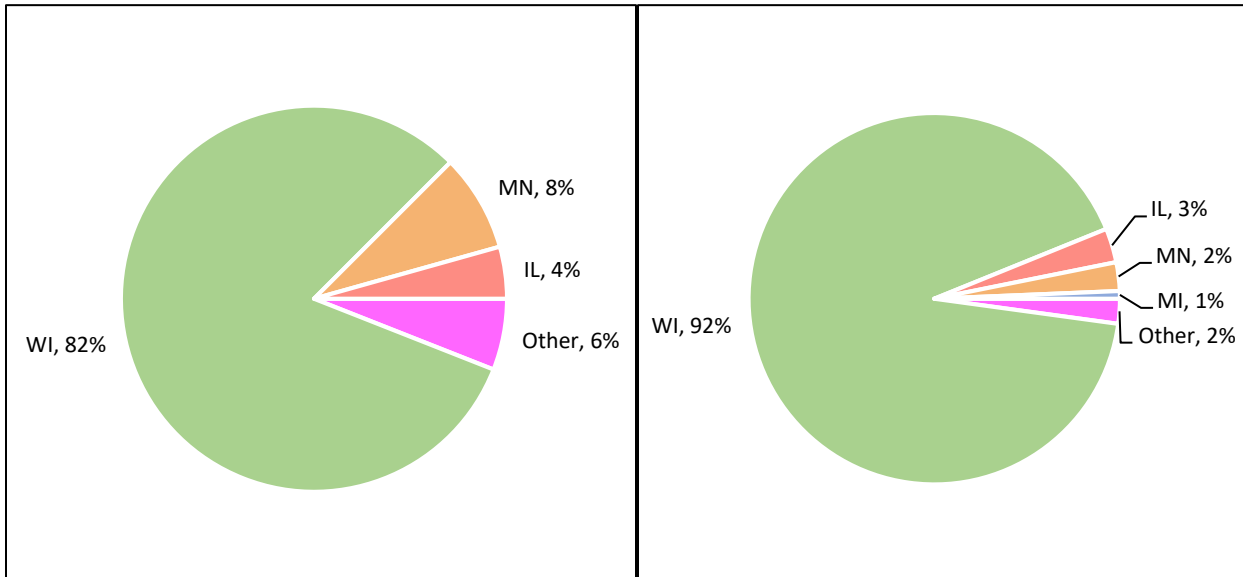


FIGURE 22: LOCATION OF CRASHES BY ROAD TYPE IN JUNEAU COUNTY, 2012-2016

	Total Fatal Crashes	Total Non-Fatal Injury Crashes
Interstate Highways	22.6%	25.0%
US/State Highways	25.8%	38.0%
County Highways	35.5%	15.8%
Local Roads	16.1%	21.2%

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

LEA	TOTAL
ELROY POLICE DEPARTMENT	2
JUNEAU COUNTY SHERIFF	115
MAUSTON CITY POLICE DEPARTMENT	1
NEW LISBON POLICE DEPARTMENT	1
WISCONSIN STATE PATROL	32
TOTAL	151

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://wisconsin.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

Average Inattention-Related Fatal Crashes	Average Inattention-Related Non-Fatal Injury Crashes
2.0	35.4

	Inattention-Related Fatal Crashes	Inattention-Related Non-Fatal Injury Crashes
Interstate Highways	40.0%	21.5%
US/State Highways	20.0%	48.6%
County Highways	30.0%	14.1%
Local Roads	10.0%	15.8%

Juneau County	% of inattention-related fatal crashes to all fatal crashes	32.3%
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
Interstate Highways	6.3%	7.7%
US/State Highways	25.0%	36.3%
County Highways	37.5%	23.1%
Local Roads	31.3%	33.0%

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

Average Total Fatal Crashes	Average Alcohol or Drug-Related Fatal Crashes	Average Alcohol or Drug-Related Non-Fatal Injury Crashes
6.2	3.2	18.2

Juneau County	% of alcohol or drug-related fatal crashes to all fatal crashes	51.6%
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: JUNEAU COUNTY MOTORCYCLISTS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave. Killed	5-Yr Ave. Seriously Injured
County	24.2%	19.9%	1.6	6.0
State	15.3%	16.5%	84.8	525.6

JUNEAU COUNTY MOTORCYCLISTS KILLED OR INJURED BY INJURY SEVERITY AND EQUIPMENT USAGE, 2012-2016 AVERAGE

INJURY SEVERITY	HELMET WORN	EYE PROTECTION	NONE	UNK/OTHER	TOTAL
NOT INJURED	0.8	1	0.6	1.4	3.8
INCAPACITATING	1.6	1.2	2.8	0	5.6
NONINCAPACITATING	2.8	1.6	2	0	6.4
POSSIBLE	1	0.4	1	0.2	2.6
KILLED	0.2	0.4	1	0	1.6
TOTAL	6.4	4.6	7.4	1.6	20

ISSUE AREA: IMPROVE NON-MOTORIST SAFETY

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

	% Killed	% Seriously Injured	5-Yr Ave. Killed	5-Yr Ave. Seriously Injured
County	6.1%	0.7%	0.4	0.2
State	8.1%	6.6%	44.8	211.2

FIGURE 29: JUNEAU COUNTY BICYCLISTS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	0.0%	0.7%	0.0	0.2
State	1.8%	2.9%	10.2	92.4

FIGURE 29.2: PEDESTRIANS INVOLVED IN CRASHES BY ACTION AND LOCATION, 2012-2016

PEDESTRIAN ACTION	PEDESTRIAN LOCATION		TOTAL
	BLANK	IN ROADWAY	
BLANK	1	1	2
WALKING NOT FACING TRAFFIC	0	4	4
DARTING INTO ROAD	0	3	3
DARK CLOTHING	0	2	2
TOTAL	1	10	11

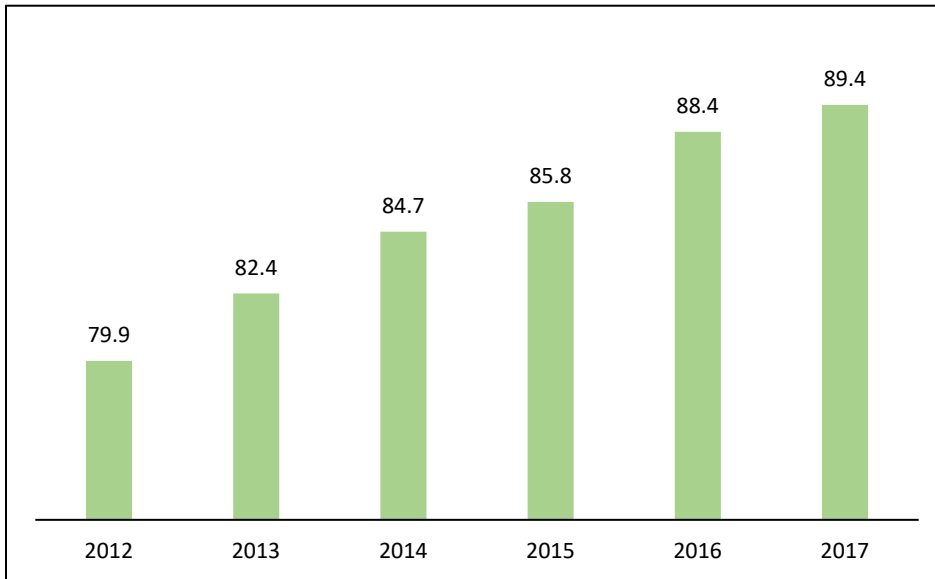
ISSUE AREA: IMPROVE SAFETY OF INTERSECTIONS

FIGURE 30: JUNEAU COUNTY TOTAL CRASHES BY LOCATION, 2012-2016

	County	State
% Intersection	19.8%	37.8%
% Non-Intersection	80.2%	62.8%

ISSUE AREA: INCREASE OCCUPANT PROTECTION

FIGURE 31: SEATBELT USE STATEWIDE, 2012-2017



Seatbelt usage statewide has increased over the past six years.

FIGURE 31.2: SAFETY EQUIPMENT USAGE IN PASSENGER CAR AND LIGHT TRUCKS DURING CRASHES, 2012-2016

	Belted	Unbelted
Fatalities and Serious Injuries	71.9%	28.1%

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

FIGURE 32: DRIVER POSSIBLE CONTRIBUTING CIRCUMSTANCES FOR CRASHES IN JUNEAU COUNTY (TOP) AND STATEWIDE (BOTTOM), 2012-2016

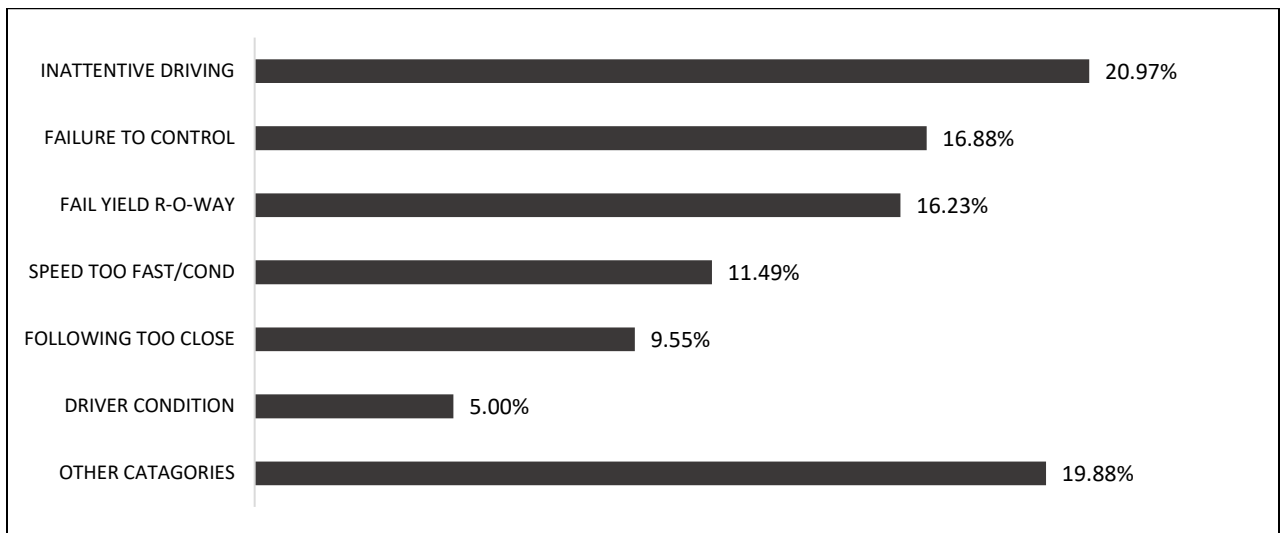
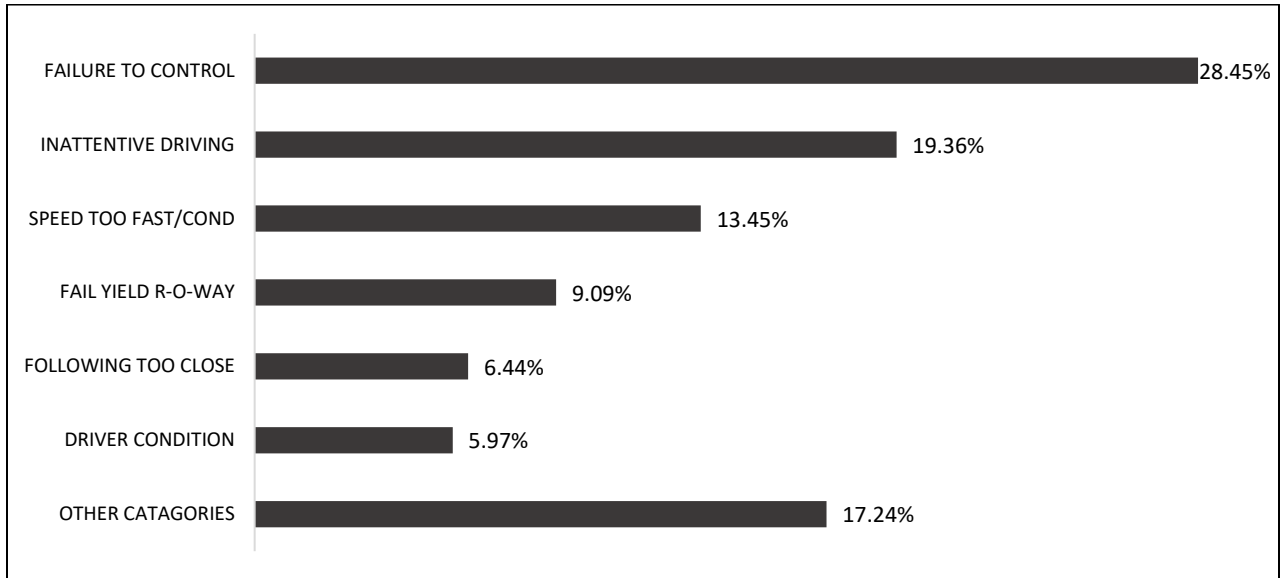


FIGURE 33: SPEEDING STATISTICS IN JUNEAU COUNTY, 2012-2016

Average Speed-Related Fatal Crashes	Average Speed-Related Non-Fatal Injury Crashes
1.6	45.6

	Total Fatal Crashes	Total Non-Fatal Injury Crashes	Speed-Related Fatal Crashes	Speed-Related Non-Fatal Injury Crashes
Interstate Highways	22.6%	25.0%	12.5%	25.0%
US/State Highways	25.8%	38.0%	12.5%	28.9%
County Highways	35.5%	15.8%	50.0%	17.5%
Local Roads	16.1%	21.2%	25.0%	28.5%

Juneau County	% of speed-related fatal crashes to all fatal crashes	25.8%
Wisconsin	% of speed-related fatal crashes to all fatal crashes	28.9%

ISSUE AREA: REDUCE LANE DEPARTURE CRASHES

FIGURE 34: JUNEAU 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	276.2	38.0%
State	30,395.6	25.4%

THE IMPACT

The number of crash-related hospitalizations is very high. Quality of life costs, medical costs, and lost years of life are also very high.

2011-2015 ANNUAL AVERAGES

	Juneau County	Wisconsin
Average Annual Population	26,780	5,716,883
Persons in Crashes (per 1,000 residents)	42.2	46.0
Crash-Related Emergency Room Visits (per 100,000 residents)	489.2	407.3
Crash-Related Hospitalizations (per 100,000 residents)	106.1	49.3
Quality of Life Costs (per 100,000 residents)	\$83,235,648	\$36,819,900
Lost Years of Life (per 1,000 residents)	7.06	3.04
Medical Costs (per 100,000 residents)	\$17,890,108	\$10,482,526

17,18

¹⁷University 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.html> Accessed Oct. 2, 2017.

¹⁸University 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
Juneau County Sheriff's Office			\$11,038.40
Elroy Police Dept.			\$9,235
Lyndon Station Police Dept.			
Mauston Police Dept.			\$10,959.25
Necedah Police Dept.			
New Lisbon Police Dept.			\$11,830.55
Union Center Police Dept.			
Wonewoc Police Dept.			

The Juneau County Speed Enforcement Task Force consisted of Mauston Police Department, Juneau County Sheriff's Office, Elroy Police Department, and New Lisbon Police Department. The Juneau County Distracted Driving Task Force consisted of the Juneau County Sheriff's Office, Mauston Police Department, New Lisbon Police Department, and the Ho-Chunk Nation Department of Health. New Lisbon Police Department and Mauston Police Department were on a seat belt task force.

2017 Task Force Participation and 2018 Task Force Eligibility

	Impaired Driving	Occupant Protection	Speed
Juneau County Law Enforcement Agencies	not eligible	not 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
Juneau County Sheriff's Office	yes	yes	yes	yes	yes	yes
Elroy Police Dept.						
Lyndon Station Police Dept.						
Mauston Police Dept.				yes	yes	yes
Necedah Police Dept.			yes	yes	yes	yes
New Lisbon Police Dept.		yes			yes	
Union Center Police Dept.		yes		yes	yes	
Wonewoc Police Dept.		yes		yes	yes	yes

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.