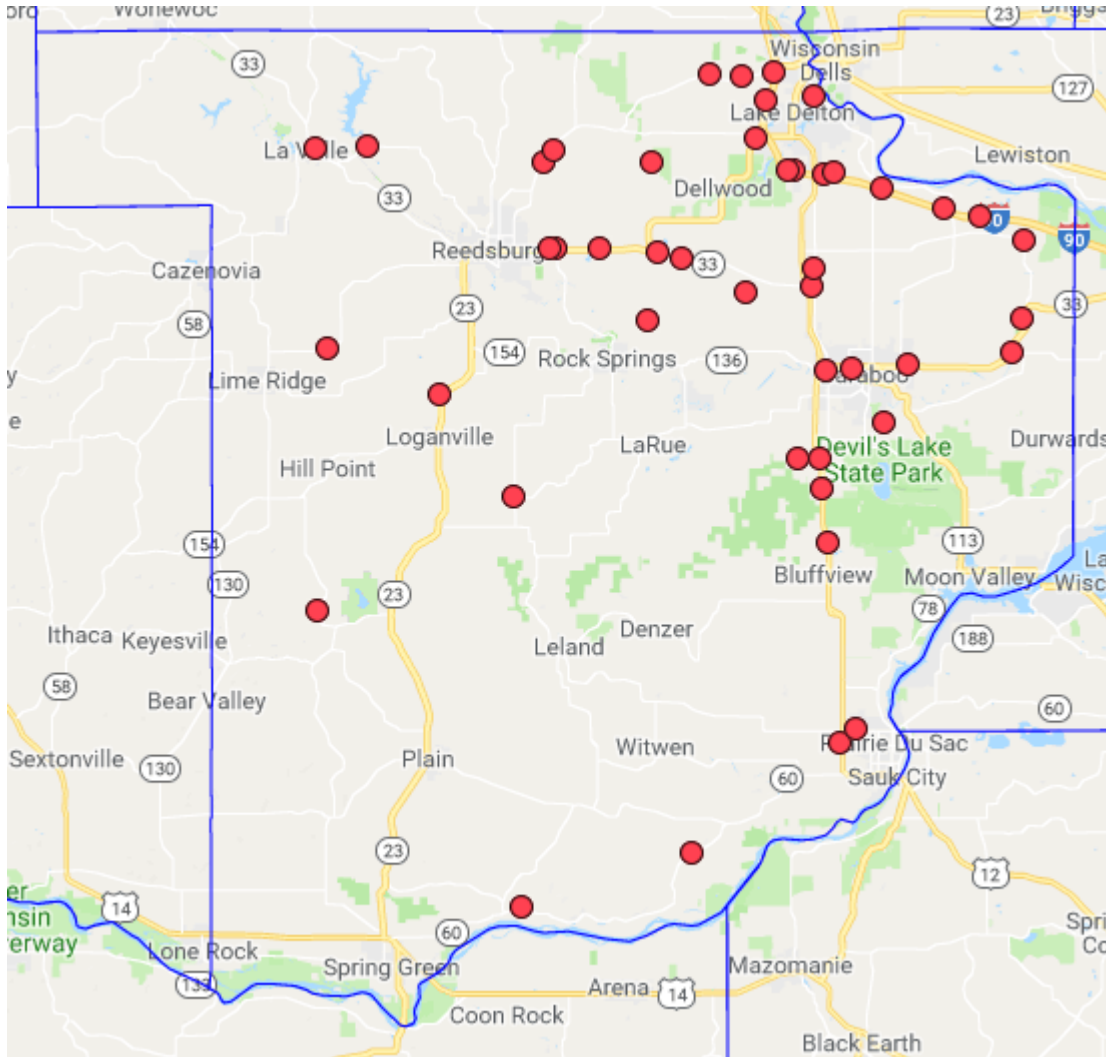


ANATOMY OF SAUK COUNTY: A TRAFFIC SAFETY SUMMARY



There were 47 fatal crashes in Sauk County from 2012 to 2016.

THE PLACE

Section Summary

Principal routes in the county are I-90/94, USH 12 east of I-90/94, USH 14, and STH 13. Sauk County is among the top ten counties for miles of state highways.

Urbanization

Sauk County contains the Baraboo urban cluster and it is adjacent to the Madison metropolitan area. 53.85% of the county's population lives in urban areas, and 2.30% of the area of the county is urban.¹

Road Network

Interstate Highways 90 and 94 run concurrent through northeastern Sauk County, bypassing Lake Delton and Wisconsin Dells. I-90/94 carries traffic between Madison and Milwaukee to the east and Mauston, New Lisbon, Tomah, La Crosse, and Eau Claire to the west.

U.S. Highway (USH) 12, a principal arterial, is designated as an east-west highway. It runs north-to-south through eastern Sauk County crossing through or bypassing Sauk City, Baraboo, West Baraboo, Lake Delton and Wisconsin Dells. USH 12 at times is a multilane divided highway. To the east, USH 12 heads to Middleton, Madison, and Monona, and to the west, it travels to Lyndon Station, Mauston, and New Lisbon. USH 14, a principal arterial, runs through far southern portions of Sauk County, crossing through Spring Green. To the west, USH 14 travels to Lone Rock, Richland Center, and Viroqua, and to the east it carries traffic to and from Arena, Mazomanie, and Madison. State Trunk Highway (STH) 13, a principal arterial, begins at I-90/94 in Wisconsin Dells and heads north to Adams, Friendship, and Wisconsin Rapids.

STH 23 travels through the county from north to south through Wisconsin Dells, Lake Delton, Reedsburg, Loganville, Plain, and Spring Green. East of Wisconsin Dells, STH 23 heads to Endeavor, Montello, and Ripon, and to the south of Spring Green, STH 23 travels to Dodgeville, Mineral Point, and Darlington. STH 58 travels through La Valle, Ironton, and Cazenovia carrying traffic between Mauston and Richland County. STH 16 cuts across a corner of the county through Wisconsin Dells carrying traffic between Portage and Columbus in the east and Lyndon Station, Mauston, and New Lisbon in the west.

STH 60 runs along the Wisconsin River through Spring Green, Sauk City, and Prairie du Sac. To the west, it exits the county concurrent with USH 14 and then carries traffic west to and from Lone Rock, Wauzeka, and Prairie du Chien. To the east, STH 60 heads to Lodi, Arlington, and Columbus. STH 78 also runs along the Wisconsin River and travels through Sauk City, Prairie du Sac, and Merrimac. To the south, STH 78 heads to Black Earth, Mount Horeb, and Blanchardville, and to the north, it carries traffic to and from Portage.

STH 33 is an east-west highway traveling through La Valle, Reedsburg, West Baraboo, and Baraboo. To the west, STH 33 heads to Wonewoc, Hillsboro, and Cashton, and to the east, it travels to Portage and Beaver Dam. STH 113 begins at STH 33 in Baraboo and heads south to Merrimac. At Merrimac, STH 113

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>

crosses the Wisconsin River on a seasonal ferry to travel to Lodi, Waunakee, and Madison. STH 136 is an east-west highway, and it begins at STH 33 just east of Reedsburg. STH 136 heads south and east through Rock Springs, West Baraboo, and Baraboo to end just north of Devil's Lake State Park. STH 154 begins at STH 136 in Rock Springs and heads west through Loganville on its way to STH 58 in Richland County. STH 130 begins at STH 154 in the town of Washington and heads south to Lone Rock, carrying traffic toward Dodgeville.

Lime Ridge is along County Trunk Highway (CTH) G, which connects with STH 58 west of Ironton and CTH 130 and CTH 154 in the town of Washington, as well as along CTH K, which connects with STH 23 in Reedsburg. North Freedom is along CTH I and CTH PF, both of which connect with STH 136 in the town of Excelsior.

Miles of Roadway

There are 1,899 miles of roads in the county, of which 221 (11.6%) are state roads, 307 (16.2%) are county roads, 1,293 (68.1%) are local roads, and 78 miles are classified as another type.²

Vehicle Registrations and Vehicle Miles of Travel (VMT)

In 2016, there were 24,330 autos, 4,309 cycles, 5,550 trailers, and 37,940 trucks registered in Sauk County.³ VMT in 2016 was 841,389,605.⁴

Traffic Volume

As can be seen in Figure 1, traffic volumes in Sauk County are highest in the extreme northeastern portion of the county, near the intersection of Interstate 90/94 and Highway 12. The maximum daily VMT in the county is measured at about 47,000.

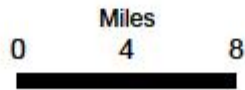
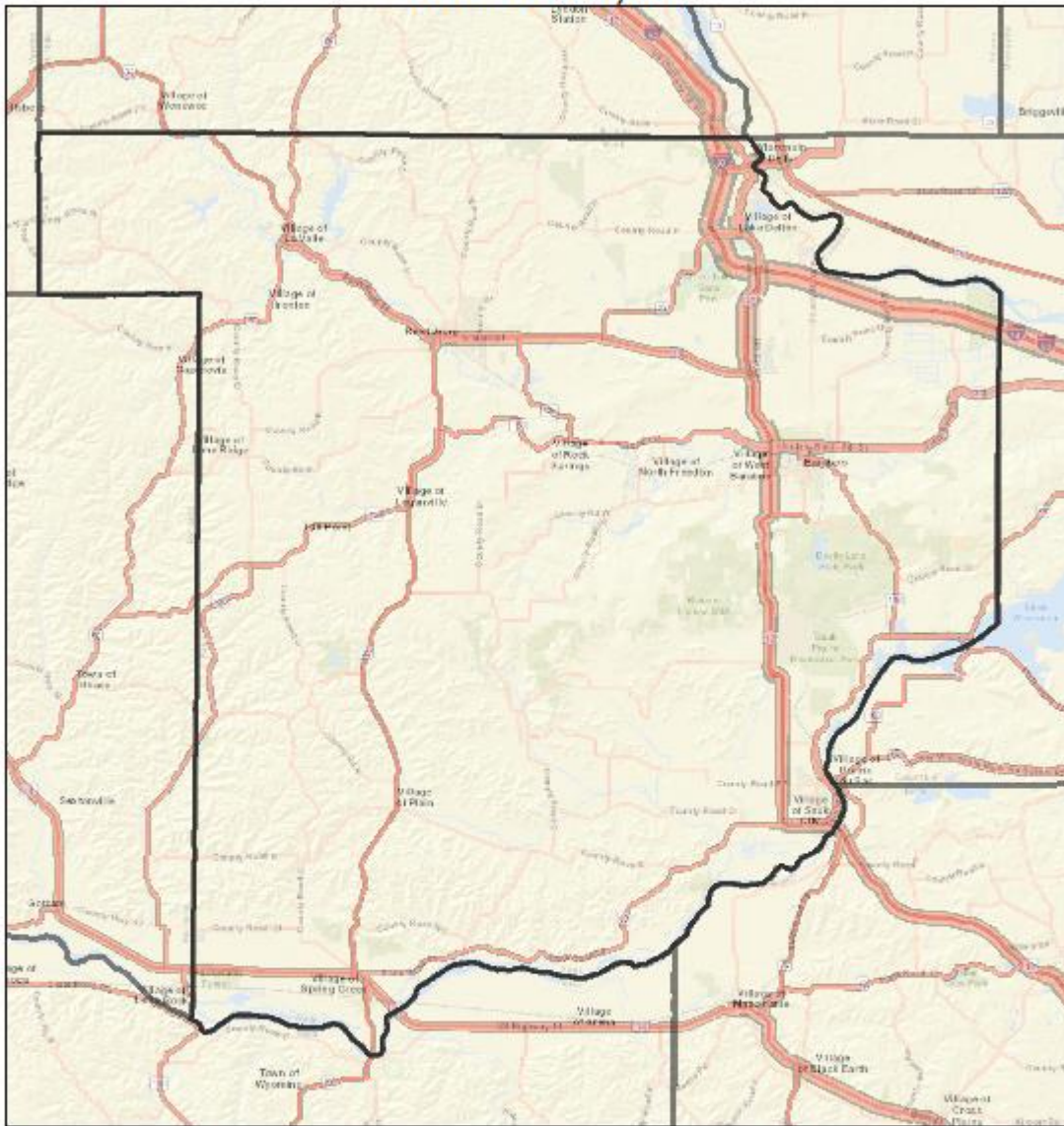
² Wisconsin Department of Transportation. "County Maps." Accessed Sept. 29, 2017. <http://wisconsindot.gov/Pages/travel/road/hwy-maps/county-maps/default.aspx>

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

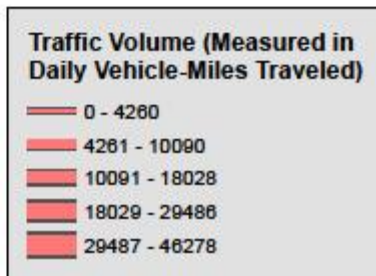
⁴ Wisconsin Department of Transportation. "2016 Vehicles Miles of Travel (VMT) by County." Accessed Nov. 6, 2017. <http://wisconsindot.gov/Documents/projects/data-plan/veh-miles/vmt2016-c.pdf>

FIGURE 1:

**TRAFFIC VOLUME ON THE STATE TRUNK NETWORK
SAUK COUNTY, WI**



Map produced by Evan Mooman
Bureau of Transportation Safety (BOTS)
Data from the Wisconsin DOT wbasemaps
from ESRI (2017)



Commuting Flows

As seen below in Figure 2, most workers who reside in Sauk County also work in Sauk County, and vice versa.

FIGURE 2: COMMUTING FLOWS AMONG COUNTIES

Workers who Reside in Sauk County Work in:		People who Work in Sauk County Reside in:	
Sauk County	24,616	Sauk County	24,616
Dane County	4,280	Columbia County	2,246
Columbia County	1,176	Juneau County	1,920
Juneau County	493	Dane County	1,636
Iowa County	374	Richland County	1,125
Richland County	295	Adams County	1,115
Adams County	161	Iowa County	408
Rock County	90	Marquette County	335
Vernon County	77	Vernon County	219
Dodge County	44	Grant County	156
		Waukesha County	89
		Dodge County	77
		Milwaukee County	67
		Monroe County	61
		Rock County	57
		Portage County	53
Others	519	Others	543

5

As seen below in Figure 3, the most common commuting flow between two different municipalities is between residences in Prairie du Sac and workplaces in Madison.

FIGURE 3: COMMUTING FLOWS BETWEEN MUNICIPALITIES (TOP 15)

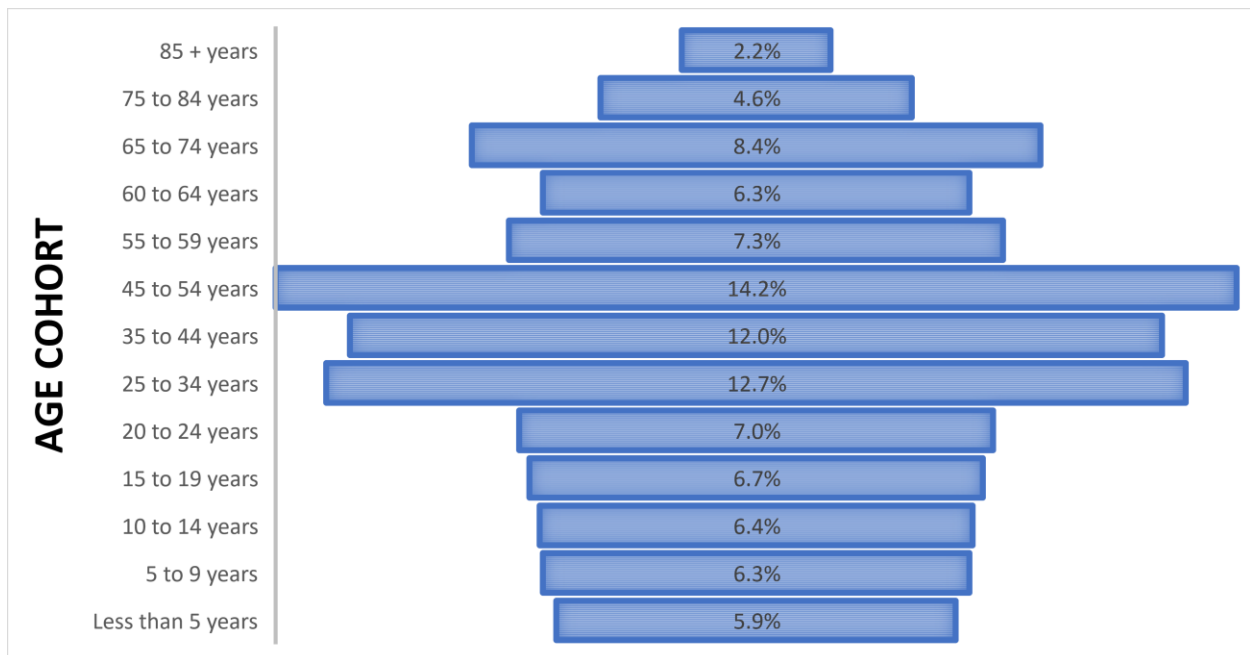
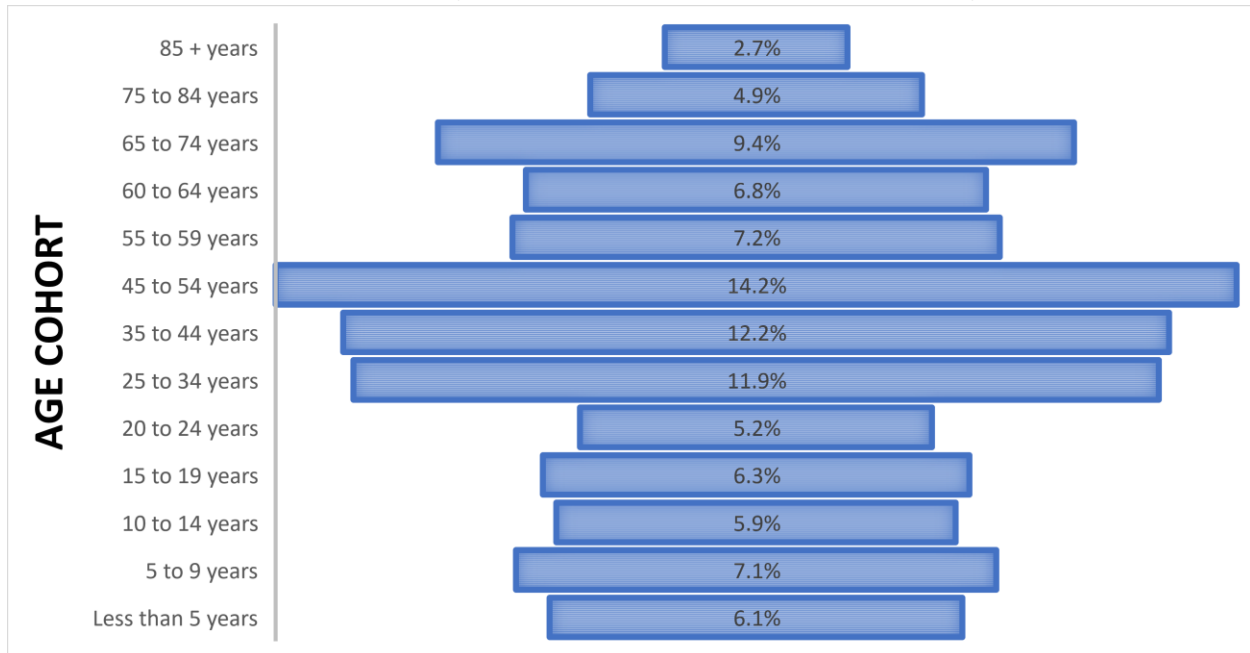
Residence	Place of Work	Number
Prairie du Sac	Madison	482
Reedsburg	Baraboo	470
Prairie du Sac	Sauk City	442
West Baraboo	Baraboo	421
Baraboo	Lake Delton	386
Baraboo	West Baraboo	385
Baraboo (Town)	Baraboo	381
Reedsburg	Lake Delton	333
Sauk City	Prairie du Sac	311
Reedsburg (Town)	Reedsburg	302
Sauk City	Madison	297
Lake Delton	Wisconsin Dells	296
Lake Delton	Baraboo	288
Baraboo	Reedsburg	286
Baraboo	Wisconsin Dells	271

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.

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

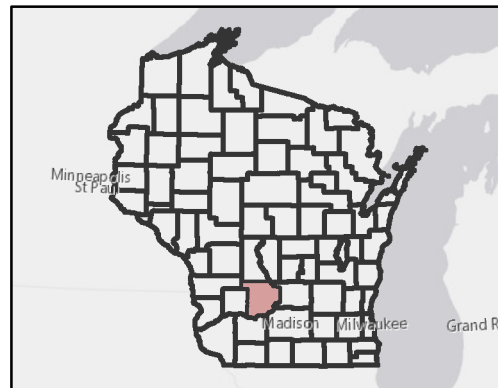
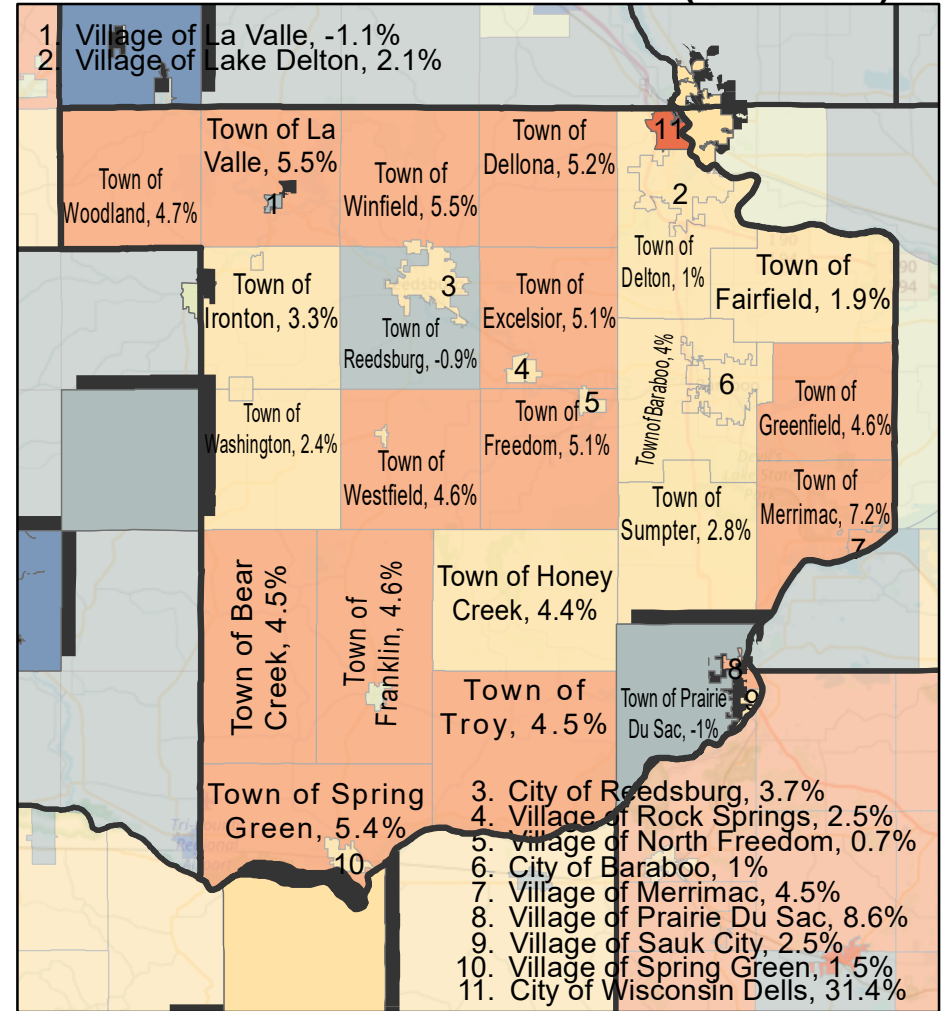
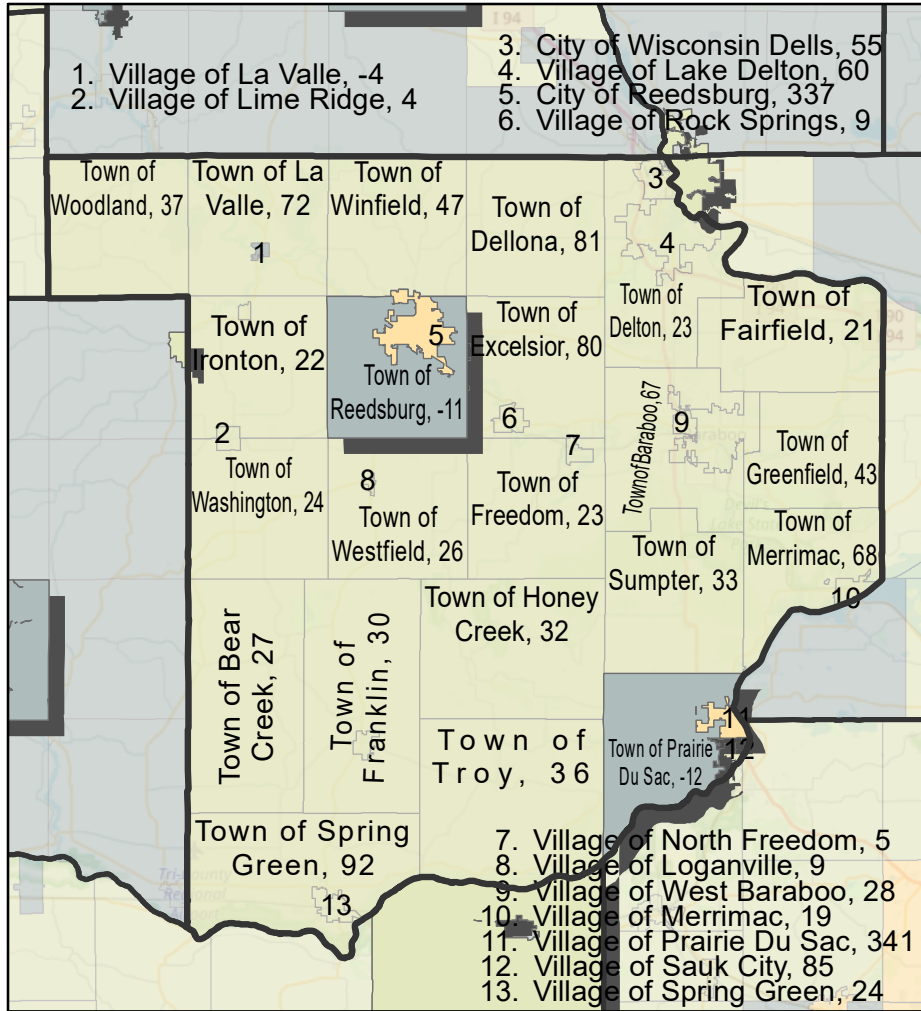


Almost all jurisdiction in the county are gaining population, with these increases ranging from 2 to 6%, with no geographic pattern to this growth. (In the images, the measure of absolute population change merely shows the raw population changes between 2010 and 2016, while the measure of “relative population change” weights such absolute changes by the base population figures of 2010).⁹

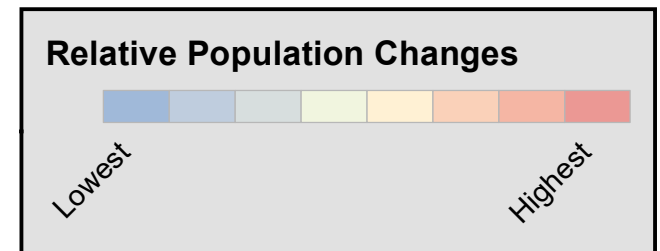
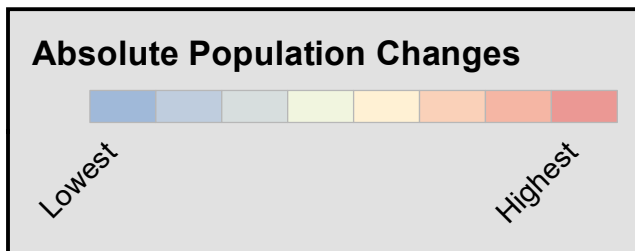
⁸ United States Census Bureau. “Selected Economic Characteristics DP03, Employment Status.” 2012-2016 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed November 6th, 2017.

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 SAUK 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

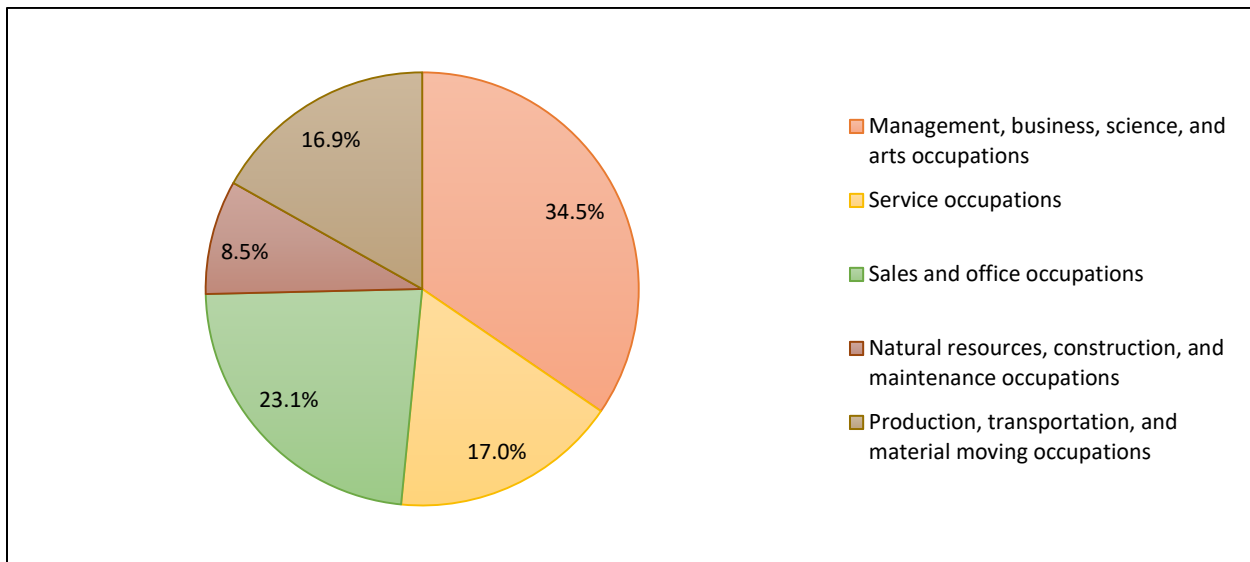
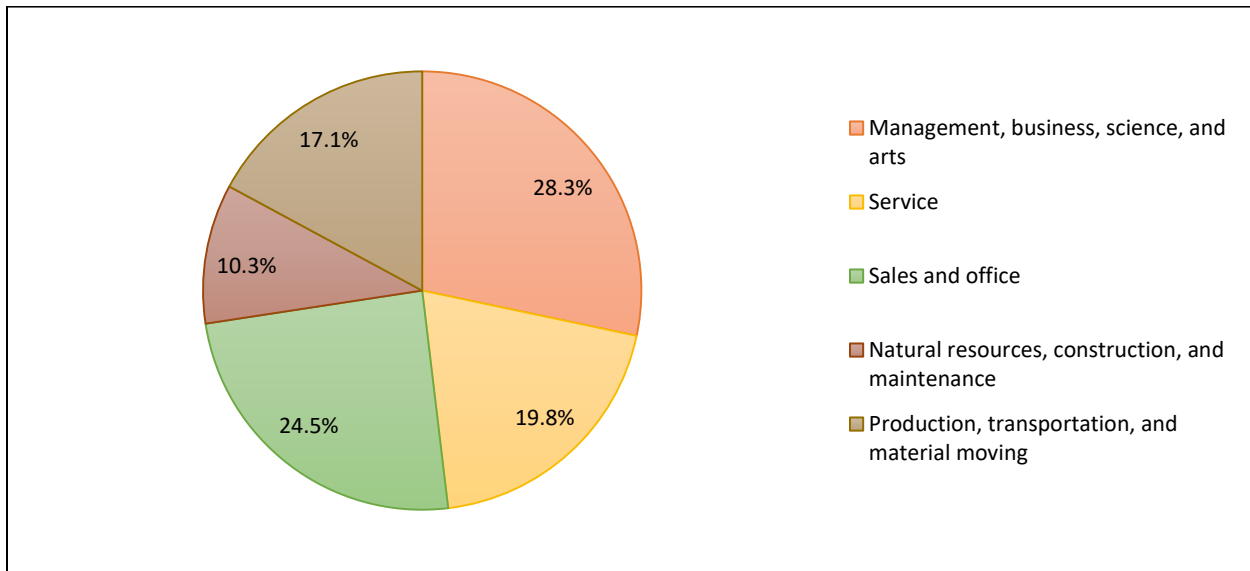


THE ECONOMY

Section Summary

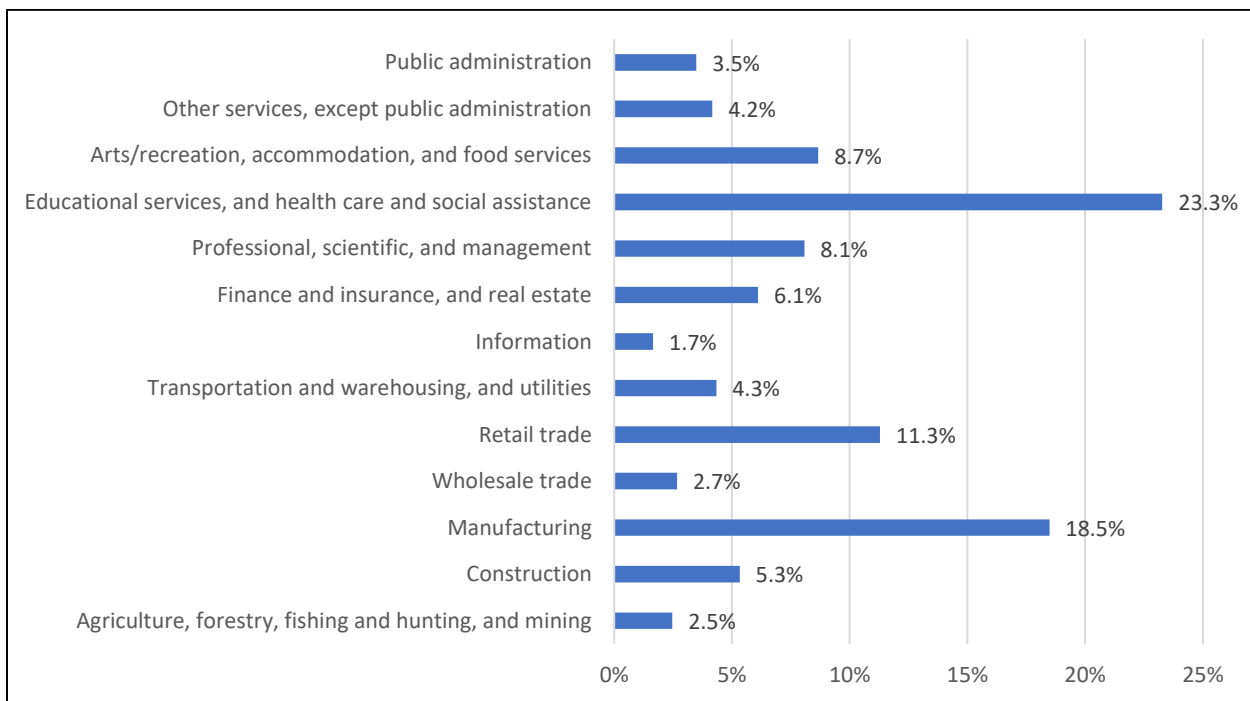
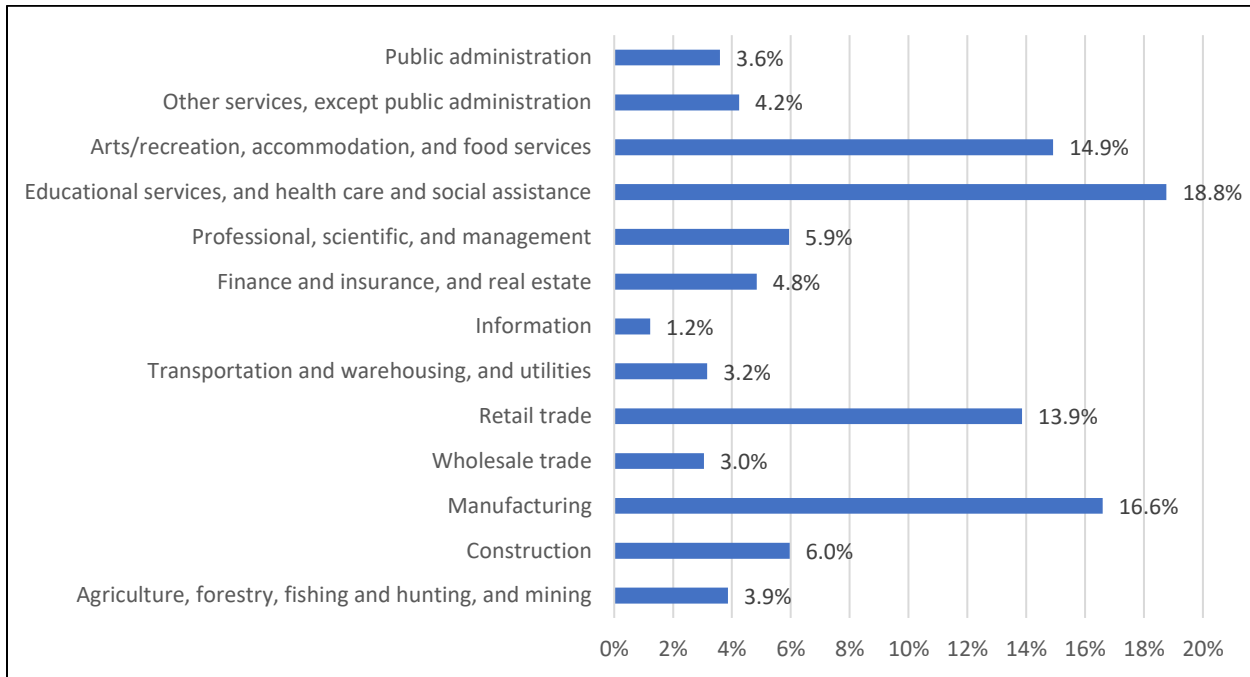
The unemployment rate in Sauk County has been, on average, 0.3% lower than that of the state over the last decade. Generally, the county has a comparatively low number of jobs in management, business, science, or the arts. The proportion of the population that works in the entertainment, recreation, accomodation, or food services industries is large, and the proportion that works in the educational services, health care, or social assistance industries is fairly small, comparatively.

FIGURE 7: EMPLOYMENT BY OCCUPATION (SAUK ON TOP AND THE STATE BELOW) 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.

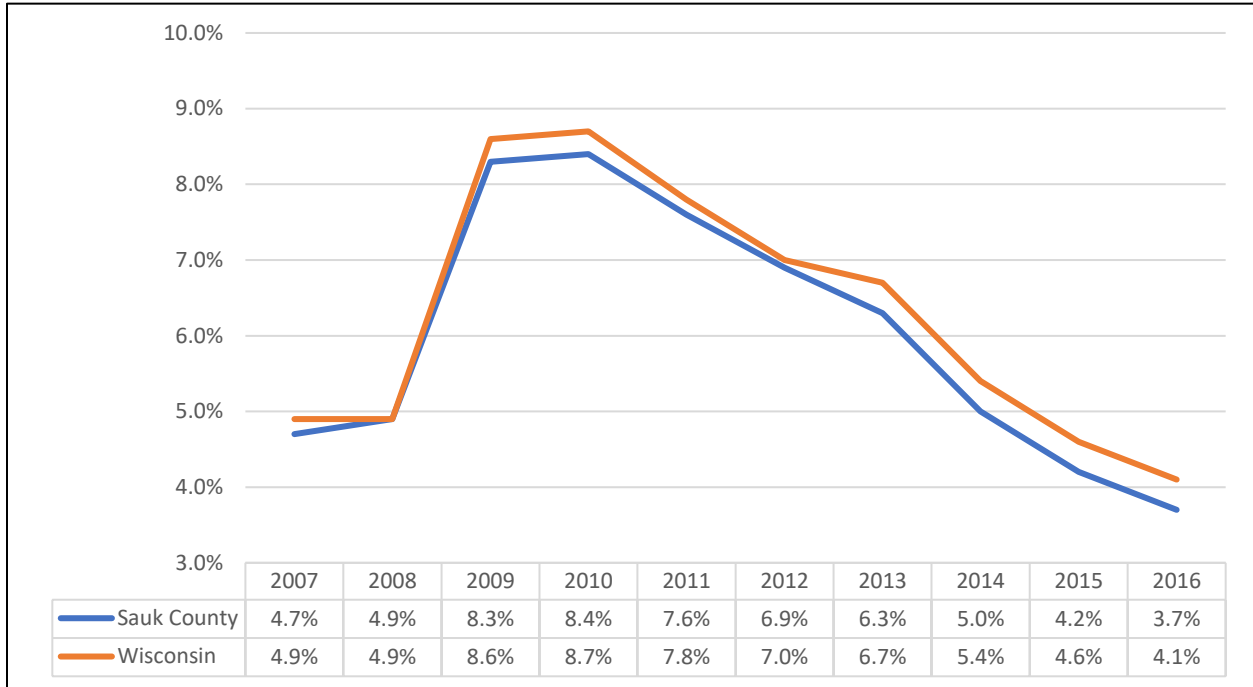
FIGURE 8: EMPLOYED POPULATION BY INDUSTRY (SAUK ON TOP AND STATE BELOW)



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, SAUK COUNTY AND WISCONSIN, 2007-2016



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

Over 51% of licensees have liquor for sale for consumption on site. Twenty-two percent of the licenses are in Lake Delton, 14% are in Baraboo, 11% are in Reedsburg, and 19% are in towns.

FIGURE 10: ALCOHOL BEVERAGE LICENSES BY JURISDICTION, SAUK COUNTY

	AB or AC	AL or ALB	BB or CW	BL or BLB	Others	Total (By Municipality)
Baraboo	2	9	11	19	1	42
Ironton				2		2
La Valle			1	3		4
Lake Delton	8	7	18	32		65
Lime Ridge				1		1
Loganville	1			3		4
Merrimac				3		3
North Freedom		1				1
Plain	2	2		5		9
Prairie du Sac	2	1		5		8
Reedsburg	1	11	3	16		31
Rock Springs		1		2		3
Sauk City	3	5	3	8		19
Spring Green		2	5	7	1	15
West Baraboo		5	2	5		12
Wisconsin Dells		4	6	8		18
Towns	4	7	12	31		54
Total (By Liq. License)	23	55	61	150	2	291

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 SAUK COUNTY BY JURISDICTION

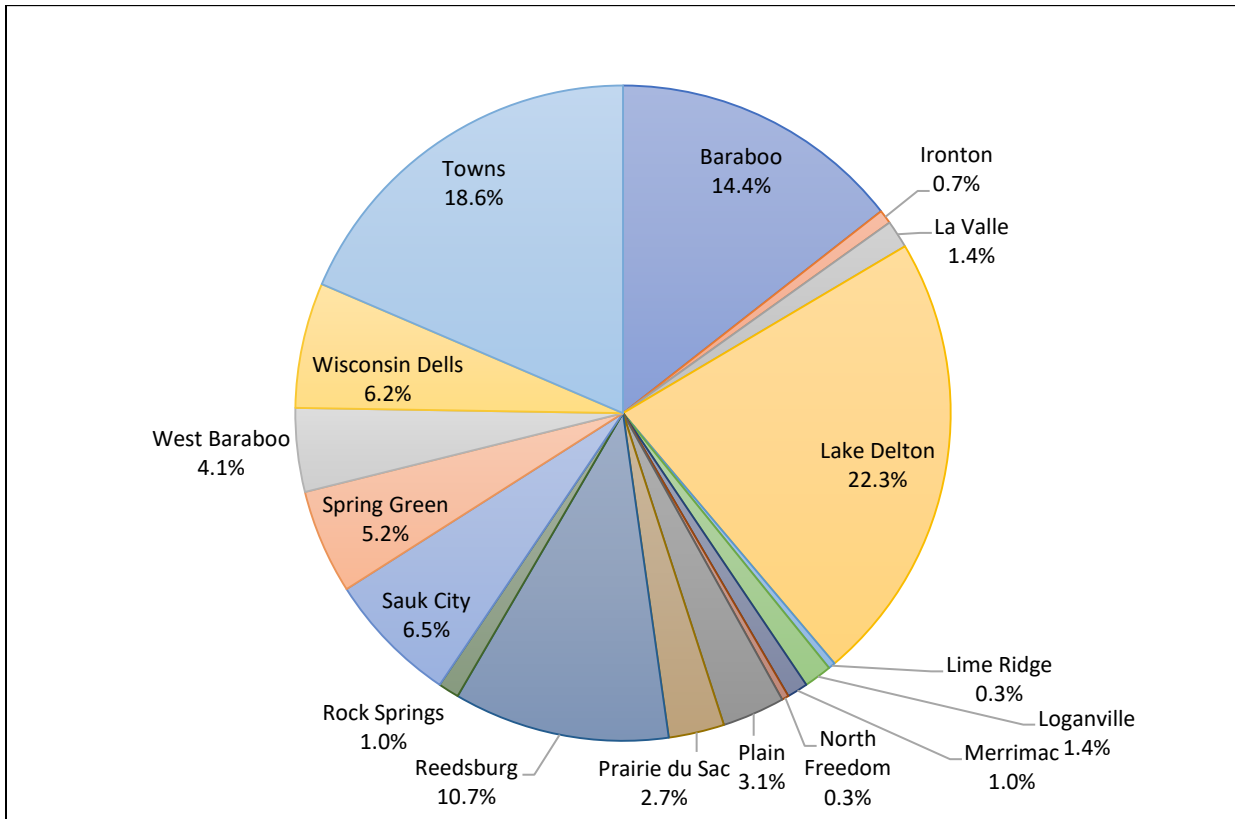
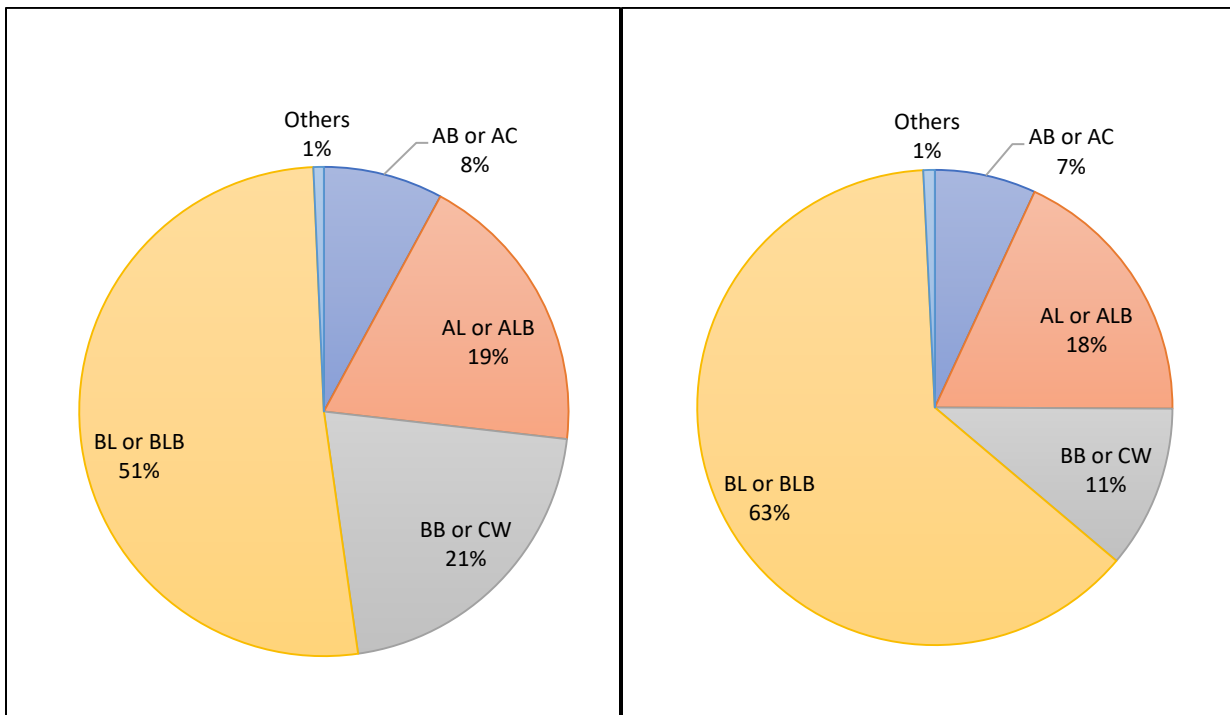


FIGURE 11: ALCOHOL BEVERAGE LICENSES BY TYPE, 2017-2018 (SAUK COUNTY ON THE LEFT, STATE ON THE RIGHT)



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, as can be seen in Figure 12, Sauk County reported a somewhat lower injury-to-death ratio than the state generally (61.1 vs. 73.1).

Emergency Services

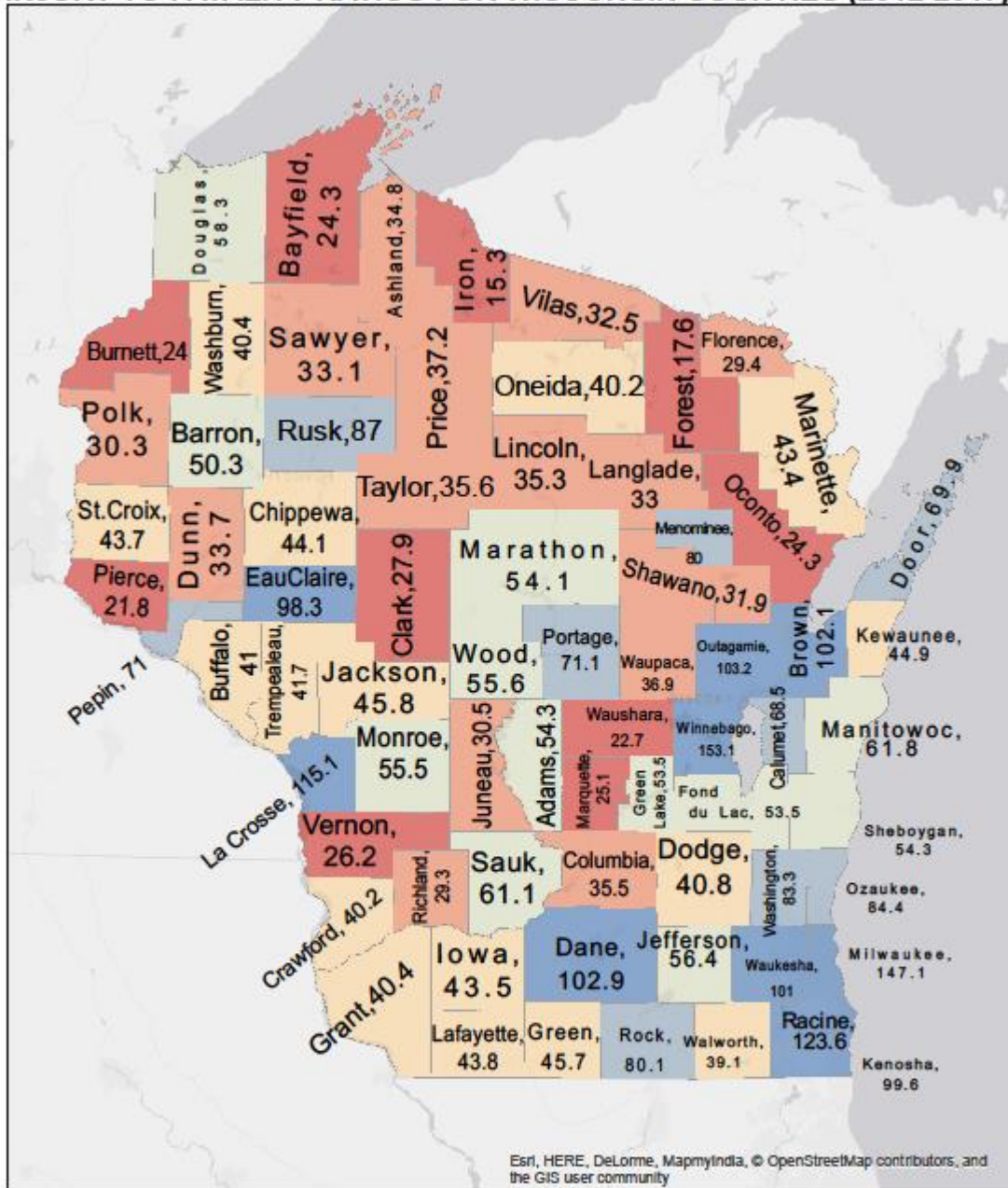
As can be seen in Figure 13, Sauk County contains three different trauma centers within its borders, all of which are level III.¹⁵ The closest level I trauma center is in Madison.

Sauk County maintains 14 different emergency providers (Figure 14). These companies employ 325 emergency personnel. Consequently, the county is the site of 5.07 emergency response personnel per 1,000 residents. This higher than the state figure of 4.02 emergency response personnel per 1,000 residents.

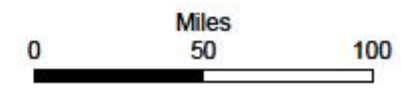
¹⁵ The trauma capacities of hospitals are rated on a I-IV scale, with some remaining unrated; Level I hospitals have the greatest capacity. In the image, brighter colors show hot spots, where crash numbers are (locally) concentrated.

FIGURE 12:

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



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



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

FIGURE 13:

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

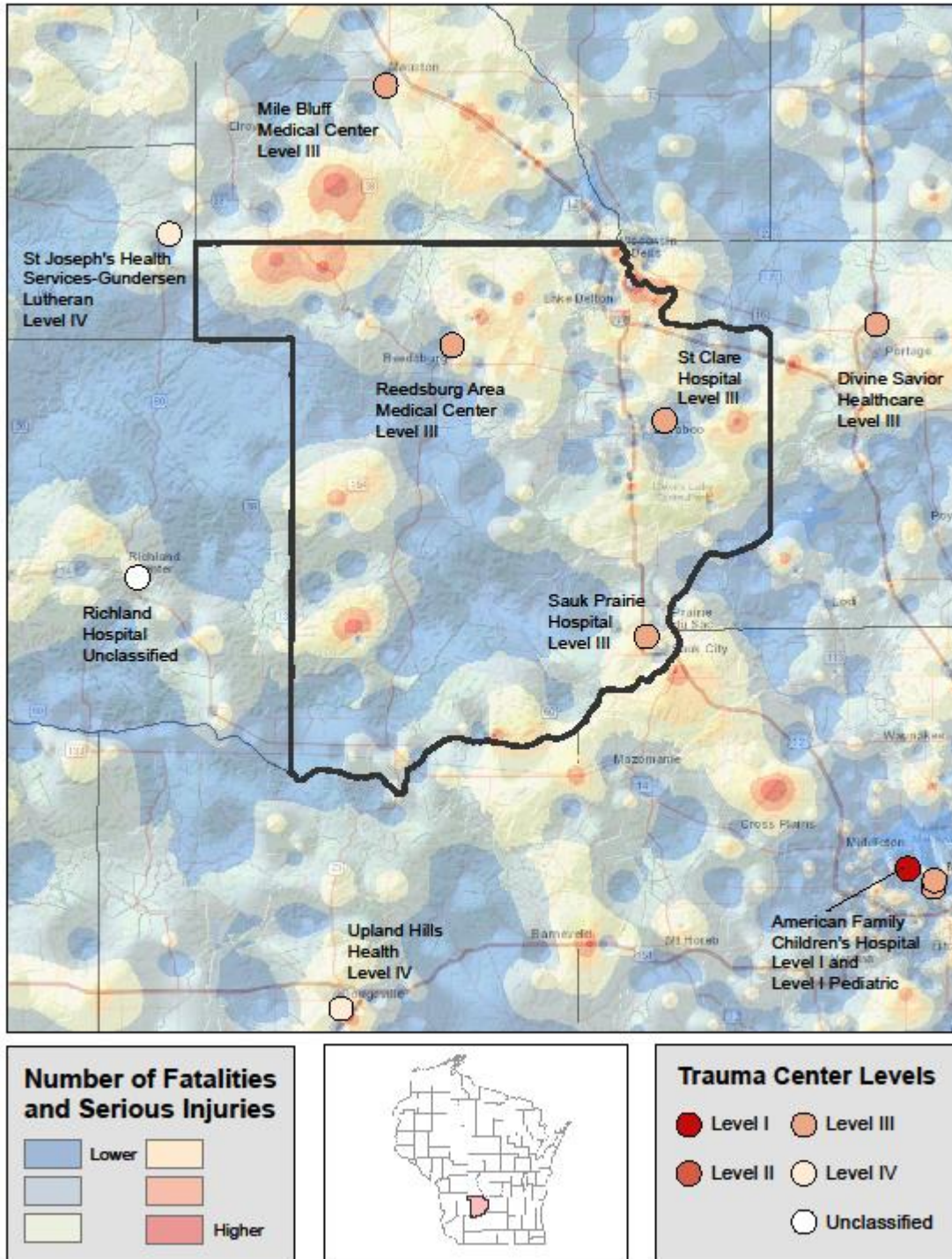
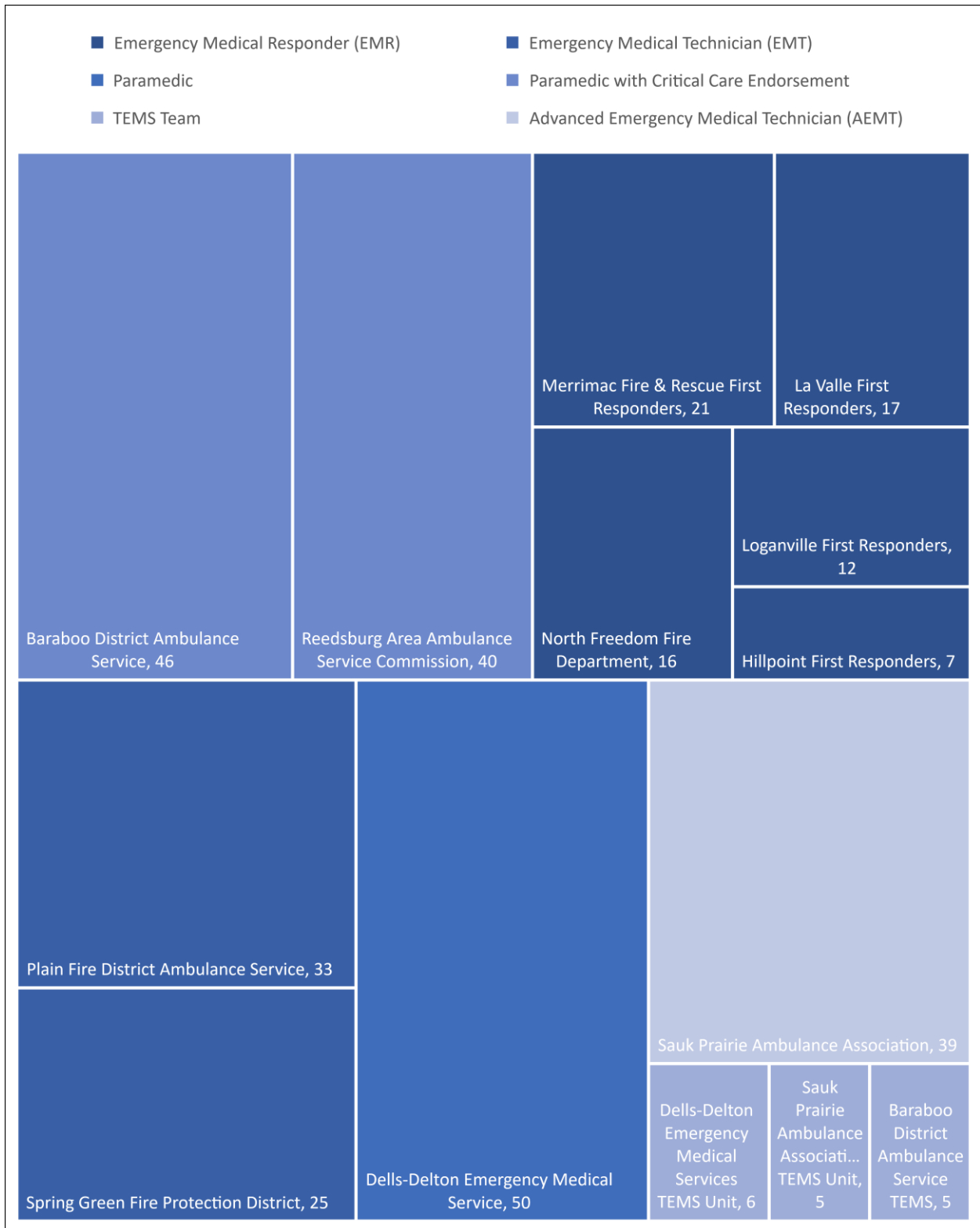


FIGURE 14: NUMBER OF EMT PERSONNEL/JURISDICTION ¹⁶

Service License Level	Service Name	Number of Personnel
Emergency Medical Responder (EMR)	Merrimac Fire & Rescue First Responders	21
Emergency Medical Responder (EMR)	La Valle First Responders	17
Emergency Medical Responder (EMR)	North Freedom Fire Department	16
Emergency Medical Responder (EMR)	Loganville First Responders	12
Emergency Medical Responder (EMR)	Hillpoint First Responders	7
Emergency Medical Technician (EMT)	Plain Fire District Ambulance Service	33
Emergency Medical Technician (EMT)	Spring Green Fire Protection District	25
Paramedic	Dells-Delton Emergency Medical Service	50
Paramedic with Critical Care Endorsement	Baraboo District Ambulance Service	46
Paramedic with Critical Care Endorsement	Reedsburg Area Ambulance Service Commission	40
TEMS Team	Dells-Delton Emergency Medical Services TEMS Unit	6
TEMS Team	Sauk Prairie Ambulance Association TEMS Unit	5
TEMS Team	Baraboo District Ambulance Service TEMS	5
Advanced Emergency Medical Technician (AEMT)	Sauk Prairie Ambulance Association	39

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

FIGURE 14.2: NUMBER AND LEVEL OF EMERGENCY RESPONDERS PER JURISDICTION



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 Sauk 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	9	9	4	4	13	13	9	9	11	11	9.2	9.2
Incapacitating Injury	63	82	51	63	49	73	51	59	46	57	52.0	66.8
Non-Incapacitating Injury	171	251	172	238	172	236	197	275	188	267	180.0	253.4
Possible Injury	146	255	129	213	182	285	159	267	177	275	158.6	259.0
No Apparent Injury	1,035	2,677	1,130	2,705	1,100	2,842	1,237	3,302	1,206	3,279	1,141.6	2,961.0
Totals	1,424	3,274	1,486	3,223	1,516	3,449	1,653	3,912	1,628	3,889	1,541.4	3,549.4

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

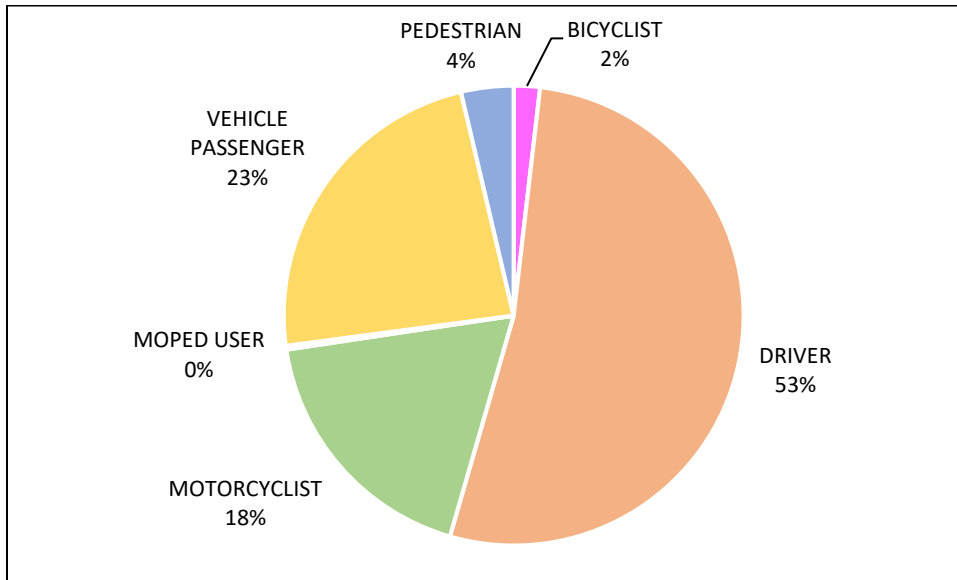
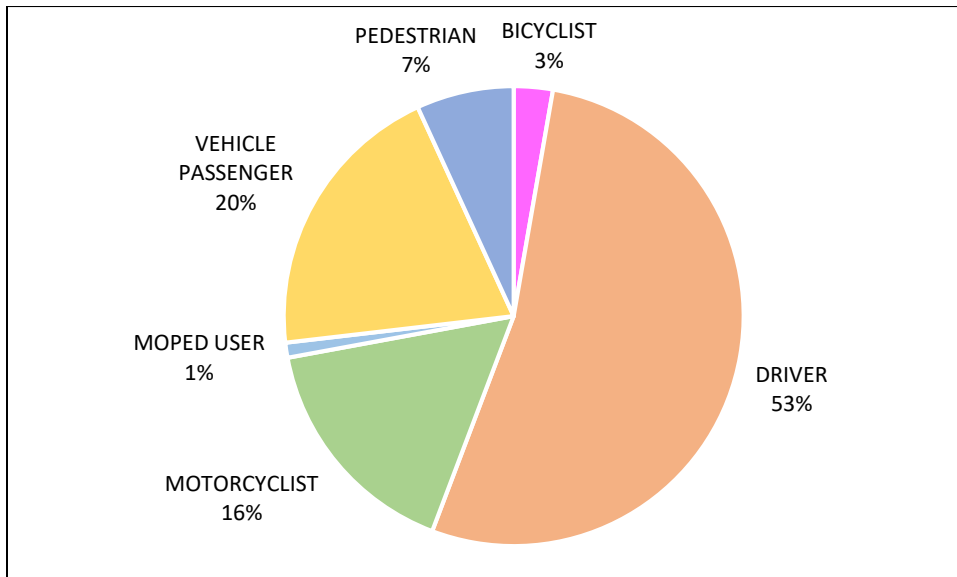


FIGURE 17: FATALITIES AND INCAPACITATING INJURIES BY ROLE, WISCONSIN, 2012-2016



Vehicle drivers make up the highest percentage of fatalities and incapacitating injuries within Sauk County and the state of Wisconsin.

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

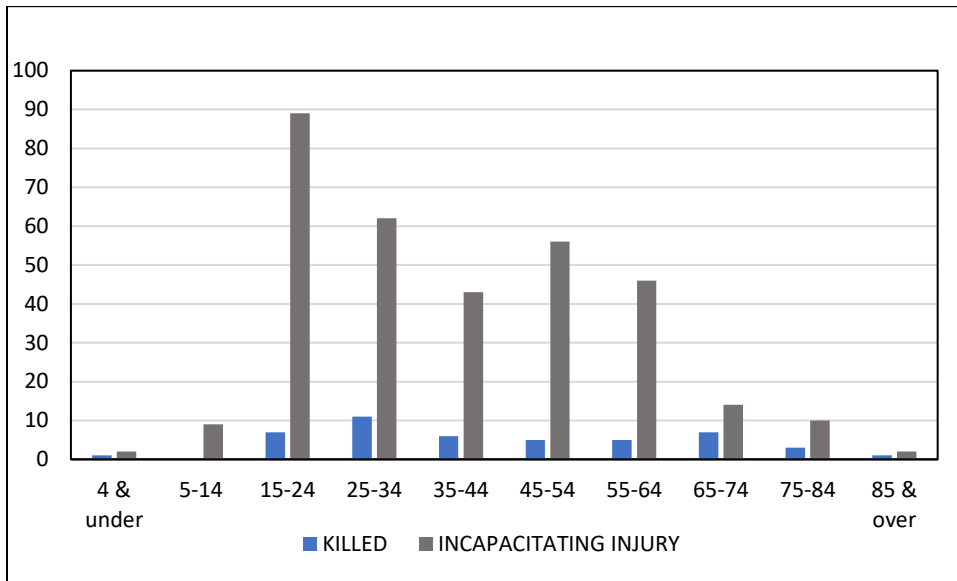
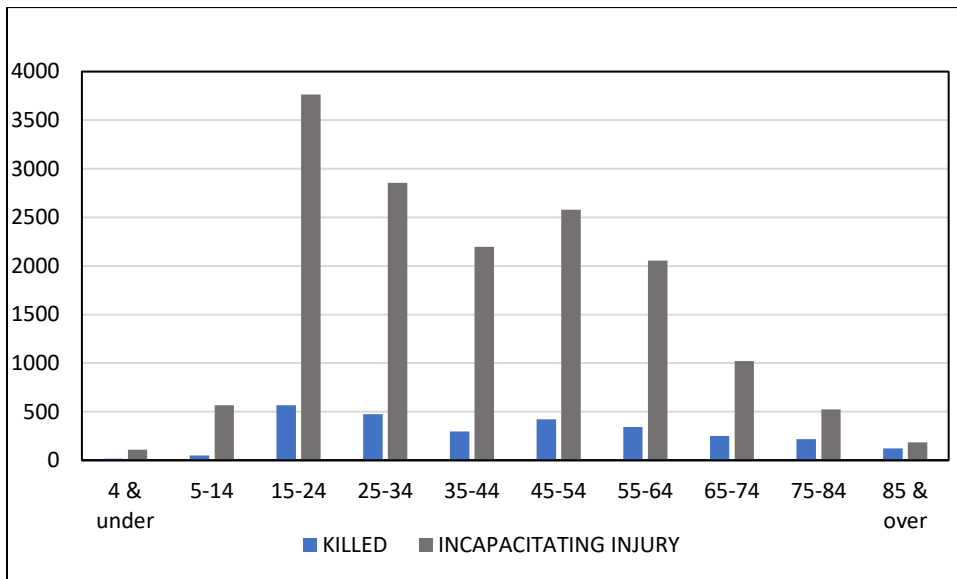
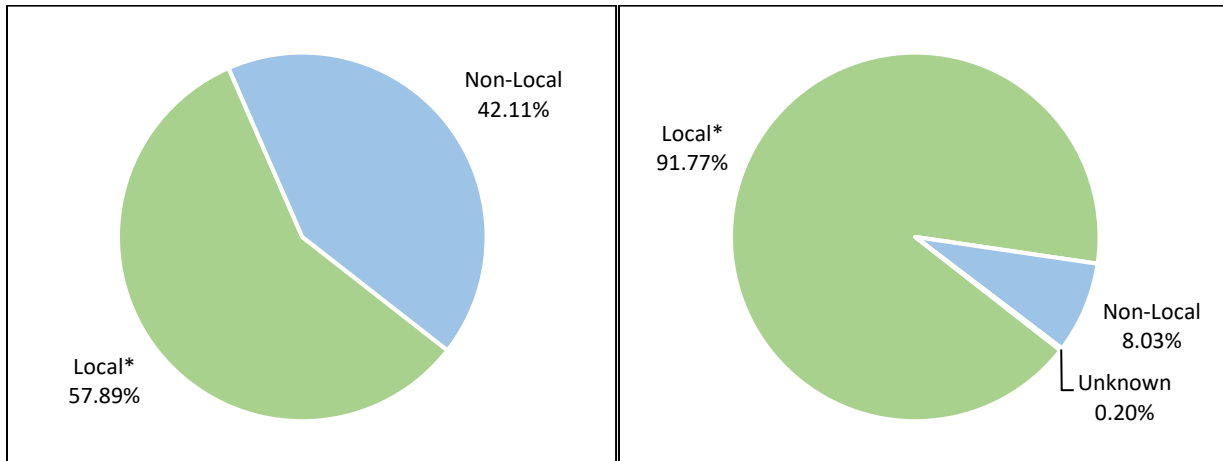


FIGURE 19: FATAL AND INCAPACITATING INJURIES BY AGE IN WISCONSIN, 2012-2016



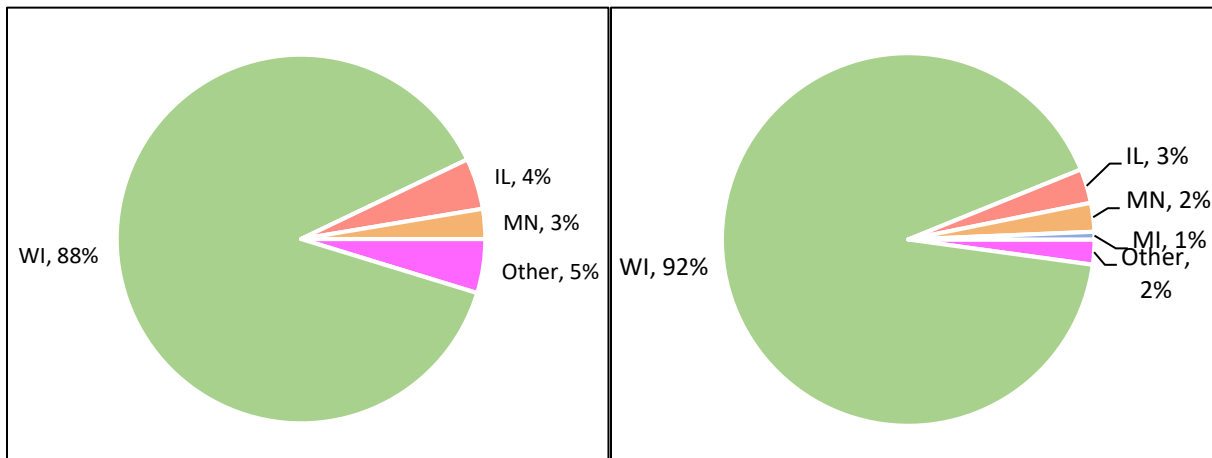
The highest number of incapacitating injuries occurred in the age group 15-24 within Sauk County, the same for the state of Wisconsin. The highest number of fatalities occurred in the age group 25-34 in Sauk County, compared to 15-24 for the state of Wisconsin.

FIGURE 20: TOTAL FATALITIES AND INCAPACITATING INJURIES BY PLACE OF RESIDENCE (SAUK 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. 42% of the fatalities and injuries in Sauk County occurred to non-local individuals.

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



88% of the fatality and injury crashes in Sauk County occurred to Wisconsin residents.

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

	Total Fatal Crashes	Total Non-Fatal Injury Crashes
Interstate Highways	17.4%	7.9%
US/State Highways	39.1%	49.0%
County Highways	26.1%	13.7%
Local Roads	17.4%	29.4%

The highest percentage of fatal crashes occurred on US/state highways within Sauk County.

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

LEA	TOTAL
BARABOO POLICE DEPARTMENT	10
LAKE DELTON POLICE DEPARTMENT	24
REEDSBURG POLICE DEPARTMENT	5
SAUK COUNTY SHERIFF	215
SAUK PRAIRIE POLICE DEPARTMENT	12
SPRING GREEN POLICE DEPARTMENT	1
TOWN OF LA VALLE POLICE DEPARTMENT	1
WISCONSIN DELLS CITY POLICE DEPARTMENT	4
WISCONSIN STATE PATROL	34
TOTAL	306

Sauk County Sheriff's Office had the highest reporting of fatal and serious injury crashes within Sauk County.

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 FATAL AND INJURY-CAUSING CRASHES BY LOCATION, 2012-2016

	Inattention-Related Fatal Crashes	Inattention-Related Non-Fatal Injury Crashes
Interstate Highways	30.0%	8.6%
US/State Highways	50.0%	61.2%
County Highways	0.0%	9.5%
Local Roads	20.0%	20.7%

The most common location for inattention-related fatal and serious injury crashes in Sauk County was on US/state highways.

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	13.0%	4.1%
US/State Highways	30.4%	37.8%
County Highways	34.8%	11.7%
Local Roads	21.7%	46.4%

The most common location for alcohol/drug-related fatal crashes in Sauk County was on county highways.

FIGURE 26: IMPAIRED DRIVING STATISTICS IN SAUK 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
9.2	390.6	4.6	39.2

Sauk County	% of alcohol or drug-related fatal crashes to all fatal crashes	50.0%
Wisconsin	% of alcohol or drug-related fatal crashes to all fatal crashes	45.0%

Sauk County had a higher percentage of alcohol or drug-related fatal crashes than the state of Wisconsin.

ISSUE AREA: REDUCE THE INCIDENCE AND SEVERITY OF MOTORCYCLE CRASHES

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

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	13.0%	18.9%	1.2	12.6
State	15.3%	16.5%	84.8	525.6

Sauk County had a higher percentage of motorcyclists seriously injured when compared to the state, but a lower percentage of motorcyclist fatalities.

ISSUE AREA: IMPROVE NON-MOTORIST SAFETY

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

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	4.3%	3.6%	0.4	2.4
State	8.1%	6.6%	44.8	211.2

Sauk County had lower percentages of crashes where pedestrians were killed and seriously injured, compared to the state.

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	ON SIDEWALK	
BLANK	1	13	8	0	4	26
WALKING NOT FACING TRAFFIC	1	4	5	2	0	12
DISREGARDED SIGNAL	0	2	1	0	0	3
DARTING INTO ROAD	0	1	10	0	1	12
DARK CLOTHING	0	0	3	0	0	3
WALKING FACING TRAFFIC	1	2	2	1	0	6
TOTAL	3	22	29	3	5	62

The most common pedestrian action contributing to crashes was **darting into the roadway**.

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

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	0.0%	2.1%	0.0	1.4
State	1.8%	2.9%	10.2	92.4

Sauk County had a lower percentage of crashes where bicyclists were seriously injured, compared to the state. Sauk County also had zero bicyclist fatalities from 2012 to 2016.

ISSUE AREA: IMPROVE SAFETY OF INTERSECTIONS

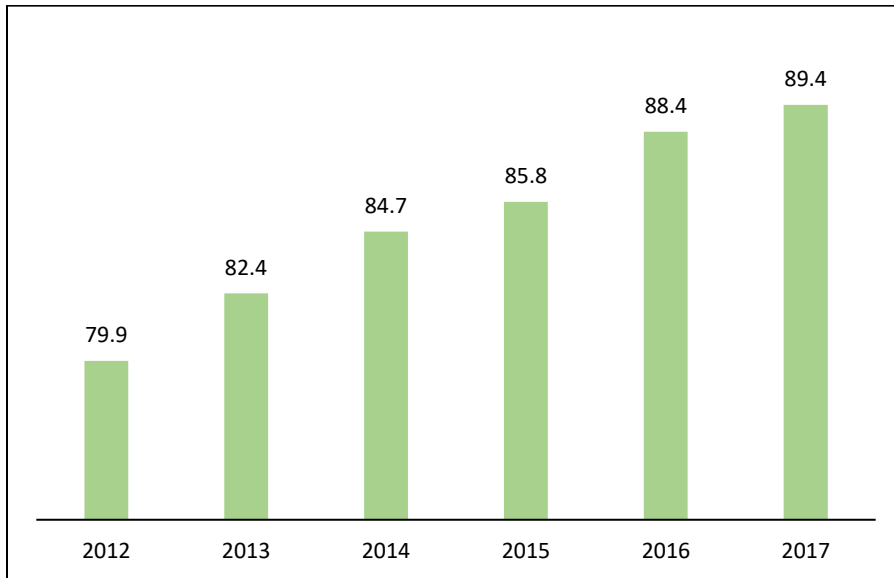
FIGURE 31: SAUK COUNTY TOTAL CRASHES BY LOCATION, 2012-2016

	County	State
% Intersection	29.9%	37.8%
% Non-Intersection	70.1%	62.8%

There were fewer crashes at intersections in Sauk County, compared to the state of Wisconsin.

ISSUE AREA: INCREASE OCCUPANT PROTECTION

FIGURE 32: SEATBELT USE STATEWIDE, 2012-2017



Seatbelt usage statewide has increased over the past six years.

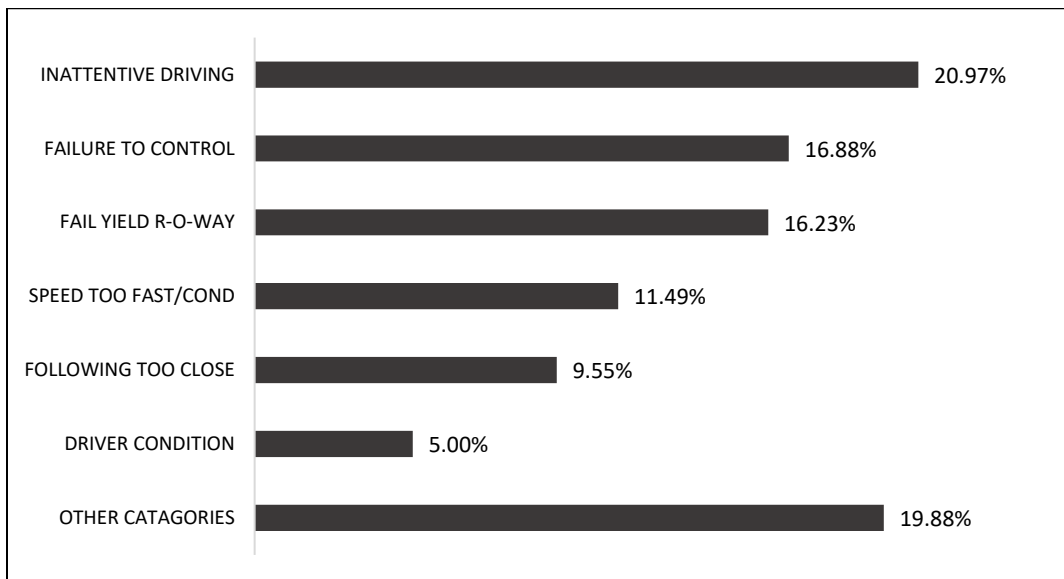
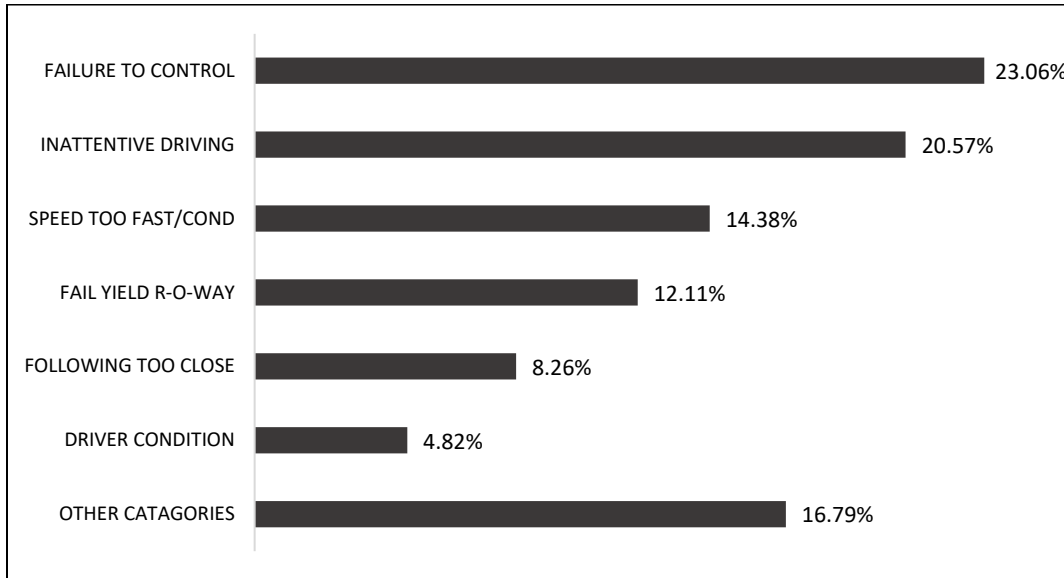
FIGURE 32.2: SAFETY EQUIPMENT USAGE IN PASSENGER CAR AND LIGHT TRUCKS DURING CRASHES, 2012-2016

	Belted	Unbelted
Fatalities and Serious Injuries	75.5%	24.5%

24% of the people killed or seriously injured in crashes in Sauk County were not wearing a seatbelt.

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

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



Failure to control was the most significant contributing factor for all crashes within Sauk County.

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

Average Speed-Related Fatal Crashes	Average Speed-Related Non-Fatal Injury Crashes
2.4	91.0

Sauk County	% of speed-related fatal crashes to all fatal crashes	26.1%
Wisconsin	% of speed-related fatal crashes to all fatal crashes	28.9%

	Speed-Related Fatal Crashes	Speed-Related Non-Fatal Injury Crashes
Interstate Highways	16.7%	15.4%
US/State Highways	0.0%	26.8%
County Highways	41.7%	19.1%
Local Roads	41.7%	38.7%

Sauk County had a lower percentage of speed-related fatal crashes than the state. The most common locations for speed-related fatal crashes in Sauk County were on county highways and local roads.

ISSUE AREA: REDUCE LANE DEPARTURE CRASHES

FIGURE 35: SAUK 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	521.0	33.8%
State	30,395.6	25.4%

Sauk County had a higher percentage of run-off-the-road crashes when compared to the state.

THE IMPACT

The number of persons involved in traffic crashes is high, comparatively. Crash-related hospitalizations and medical costs are also high.

2011-2015 Annual Averages

	Sauk County	Wisconsin
Average Annual Population	62,393	5,716,883
Persons in Crashes (per 1,000 residents)	63.2	46.0
Crash-Related Emergency Room Visits (per 100,000 residents)	506.1	407.3
Crash-Related Hospitalizations (per 100,000 residents)	87.5	49.3
Quality of Life Costs (per 100,000 residents)	\$50,436,589	\$36,819,900
Lost Years of Life (per 1,000 residents)	4.16	3.04
Medical Costs (per 100,000 residents)	\$15,467,794	\$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.htm> 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
Sauk County Sheriff's Office	\$14,999.04	\$10,000	\$12,499.80
Baraboo Police Dept.	\$9,774.08		
La Valle Town Police Dept.			
Lake Delton Police Dept.	\$9,688.48		
Plain Police Dept.			
Reedsburg Police Dept.	\$9,600	\$2,400	\$7,500
Sauk Prairie Police Dept.	\$10,046.32	\$7,439.36	\$12,438.36
Spring Green Police Dept.			
Wisconsin Dells Police Dept.	Columbia Co. OWI Task Force	Columbia Co. Seat Belt Task Force	Columbia Co. Speed Task Force

The Sauk Countywide Traffic Safety Task Force—OWI consisted of the Sauk County Sheriff's Office, Reedsburg Police Department, Baraboo Police Department, Sauk Prairie Police Department, Lake Delton Police Department, Spring Green Police Department, and Plain Police Department. The Sauk County Sheriff's Office participated on the Sheriffs' Traffic and OWI Patrols (STOP) Task Force with sheriff's offices in Dane, Rock, Jefferson, Iowa, and Columbia counties. The Sauk County Distracted Driving Task Force consisted of the Sauk County Sheriff's Office, Reedsburg Police Department, Baraboo Police Department, Sauk Prairie Police Department, Lake Delton Police Department, and the Ho-Chunk Nation Department of Health. Lake Delton Police Department received a bicyclist safety enforcement grant.

2017 Task Forces

	Grant Amount
Sauk County OWI Task Force	\$69,984
Sauk County Speed Task Force	\$13,608
Sauk County Belts Task Force	\$72,900

2017 Task Force Participation

	Impaired Driving	Occupant Protection	Speed
Sauk County Sheriff's Office	Sauk County OWI Task Force	Sauk County Belts Task Force	Sauk County Speed Task Force
Baraboo Police Dept.	Sauk County OWI Task Force	Sauk County Belts Task Force	Sauk County Speed Task Force
La Valle Town Police Dept.			
Lake Delton Police Dept.	Sauk County OWI Task Force	Sauk County Belts Task Force	Sauk County Speed Task Force
Plain Police Dept.			
Reedsburg Police Dept.	Sauk County OWI Task Force	Sauk County Belts Task Force	Sauk County Speed Task Force
Sauk Prairie Police Dept.	Sauk County OWI Task Force	Sauk County Belts Task Force	Sauk County Speed Task Force
Spring Green Police Dept.			
Wisconsin Dells Police Dept.			Columbia Co. Speed Task Force

2018 Task Force Eligibility

	Impaired Driving	Occupant Protection	Speed
Sauk County Law Enforcement Agencies	eligible	eligible	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
Sauk County Sheriff's Office	yes		yes	yes	yes	yes
Baraboo Police Dept.					yes	
La Valle Town Police Dept.						
Lake Delton Police Dept.		yes	yes	yes	yes	yes
Plain Police Dept.	yes	yes	yes	yes	yes	yes
Reedsburg Police Dept.						
Sauk Prairie Police Dept.				yes	yes	
Spring Green Police Dept.		yes	yes	yes	yes	yes
Wisconsin Dells Police Dept.					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.