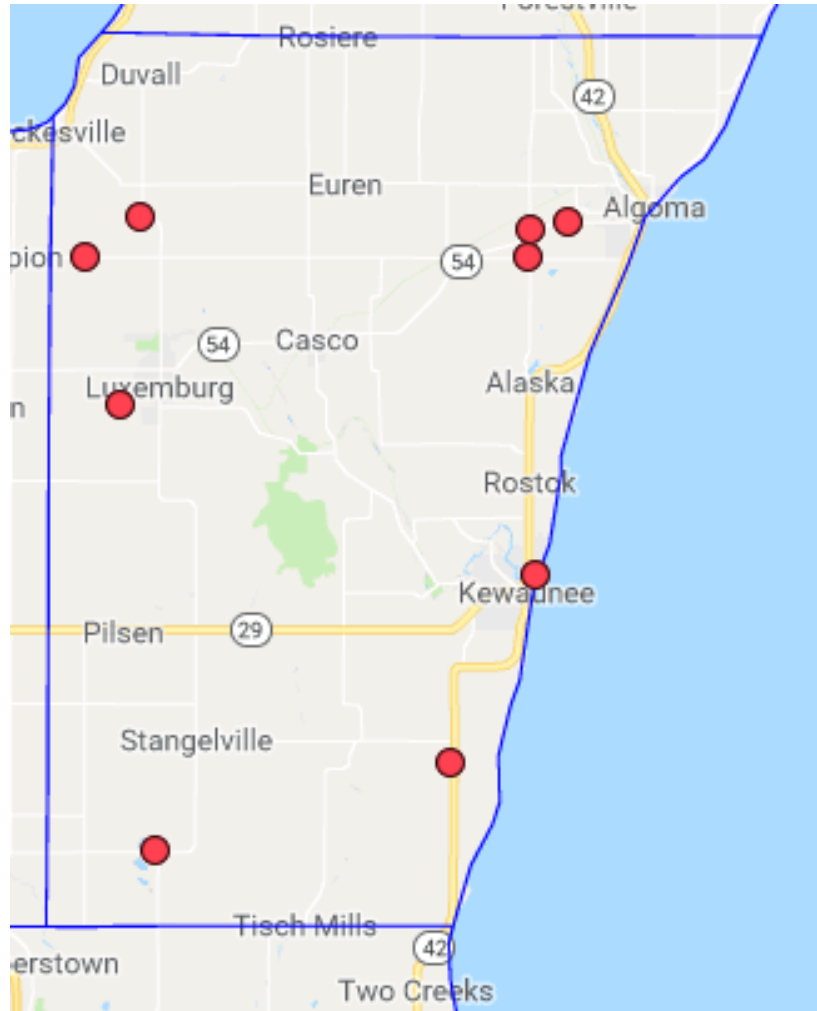


ANATOMY OF KEWAUNEE COUNTY: A TRAFFIC SAFETY SUMMARY



There were 9 fatal crashes in Kewaunee County from 2012 to 2016.

THE PLACE

Section Summary

The principal route in the county is STH 29. Kewaunee County is among the bottom ten counties in the state for miles of roads, miles of state highways, and miles of local roads. It is among the top ten counties for number of registered vehicles per VMT.

Urbanization

Kewaunee County is a part of the Green Bay metropolitan area, and it is adjacent to the Manitowoc urban cluster. 27.67% of the county's population lives in urban areas, and 0.92% of the land area of the county is urban.¹ The eastern boundary of the county is the eastern boundary of the state, which is in the center of Lake Michigan.

Road Network

State Trunk Highway (STH) 57 is designated as a north-south highway, and it is an expressway that cuts across the northwest corner of the county along the bay of Green Bay through the town of Red River, carrying traffic between Green Bay to the southwest and Sturgeon Bay to the northeast. STH 29 is an east-west primary arterial that begins in Kewaunee and heads west toward Bellevue and Green Bay.

STH 42 runs along the Lake Michigan shore traveling through Kewaunee and Algoma, carrying traffic between Two Rivers and Manitowoc to the south and Forestville and Sturgeon Bay to the north. STH 54 begins in Algoma and heads west, traveling through Casco and Luxemburg and then on to Green Bay.

Miles of Roadway

There are 828 miles of roadway in the county, including 62 (7.5%) miles of state roads, 219 (26.4%) miles of county roads, and 547 (66.1%) miles of local roads.²

Vehicle Registrations and Vehicle Miles of Travel (VMT)

In 2016, there were 8,219 autos, 1,994 cycles, 2,122 trailers, and 13,555 trucks registered in Kewaunee County.³ VMT in 2016 was 239,948,080.⁴

Traffic Volume

As can be seen in Figure 1, traffic volumes in Kewaunee County are highest along near the city of Kewaunee—and along Highways 42 and 29—and in the west-central portion of the county, near the Village of Luxemburg (on Highway 54). The maximum daily VMT in the county is reported at about 11,000.

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 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 KEWAUNEE COUNTY, WI



Traffic Volume (Measured in Daily Vehicle-Miles Traveled)



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

Commuting Flows

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

FIGURE 2: COMMUTING FLOWS AMONG COUNTIES

Workers who Reside in Kewaunee County Work in:		People who Work in Kewaunee County Reside in:	
Kewaunee County	5,592	Kewaunee County	5,592
Brown County	3,271	Brown County	1,624
Door County	714	Door County	469
Manitowoc County	280	Manitowoc County	338
Outagamie County	67		
Winnebago County	21		
Sheboygan County	19		
Others	125	Others	138

5

As seen below in Figure 3, the most common commuting flow between two different municipalities is between residences in Luxemburg and workplaces in Green Bay.

FIGURE 3: COMMUTING FLOWS BETWEEN MUNICIPALITIES (TOP 15)

Residence	Place of Work	Number
Luxemburg	Green Bay	313
Luxemburg (Town)	Green Bay	279
Red River (Town)	Green Bay	235
Algoma	Sturgeon Bay	231
Bellevue	Kewaunee	229
Green Bay	Algoma	209
Ahnapee (Town)	Algoma	198
West Kewaunee (Town)	Kewaunee	187
Montpelier (Town)	Green Bay	135
Kewaunee	Algoma	116
Pierce (Town)	Algoma	116
Casco (Town)	Green Bay	115
West Kewaunee (Town)	Green Bay	115
Green Bay	Luxemburg	107
Luxemburg	Ashwaubenon	103

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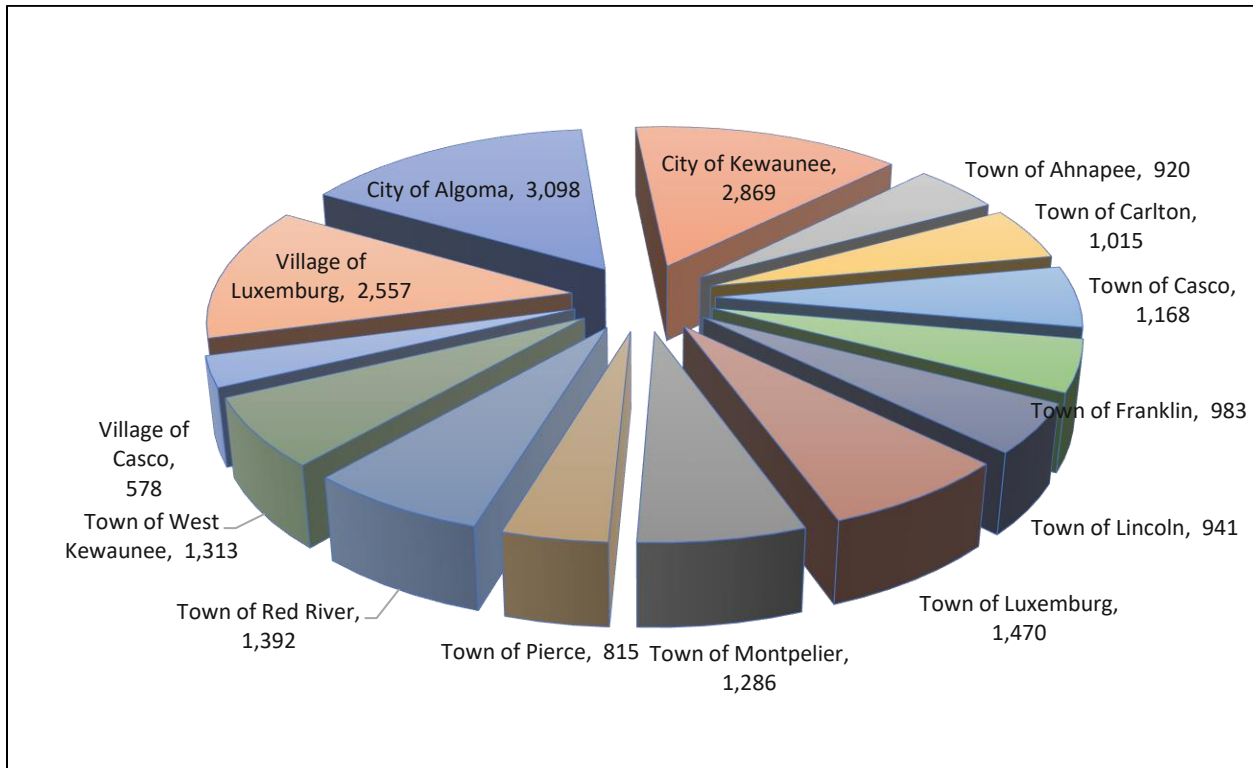
⁵United States Census Bureau. 2009-2013 5-Year American Community Survey Commuting Flows. <https://www.census.gov/data/tables/time-series/demo/commuting/commuting-flows.html> Accessed Sept. 29, 2017.

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 Kewaunee County—21,000 individuals—is distributed through 13 jurisdictions, with the cities of Algoma and Kewaunee being the largest among these. Nonetheless, there are no dominant population centers in the county, as it is characterized by many modestly-sized jurisdictions. The City of Kewaunee contains about 14% of the county’s population.

FIGURE 4: POPULATION OF KEWAUNEE COUNTY MUNICIPALITIES (2016)



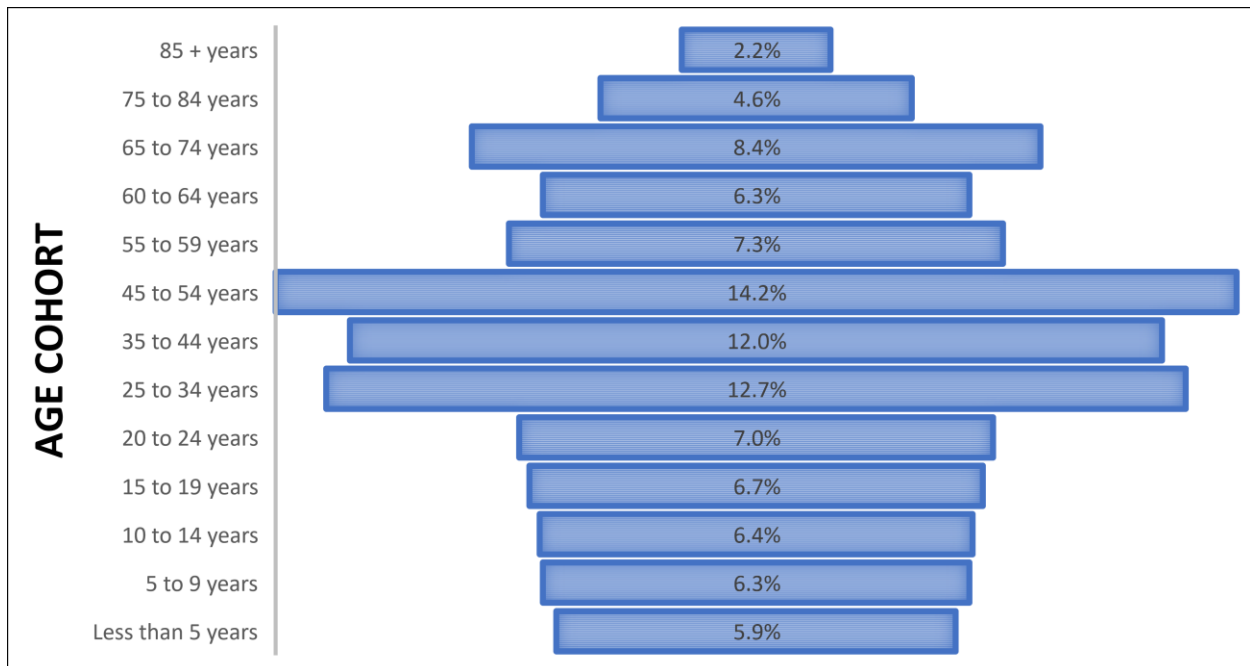
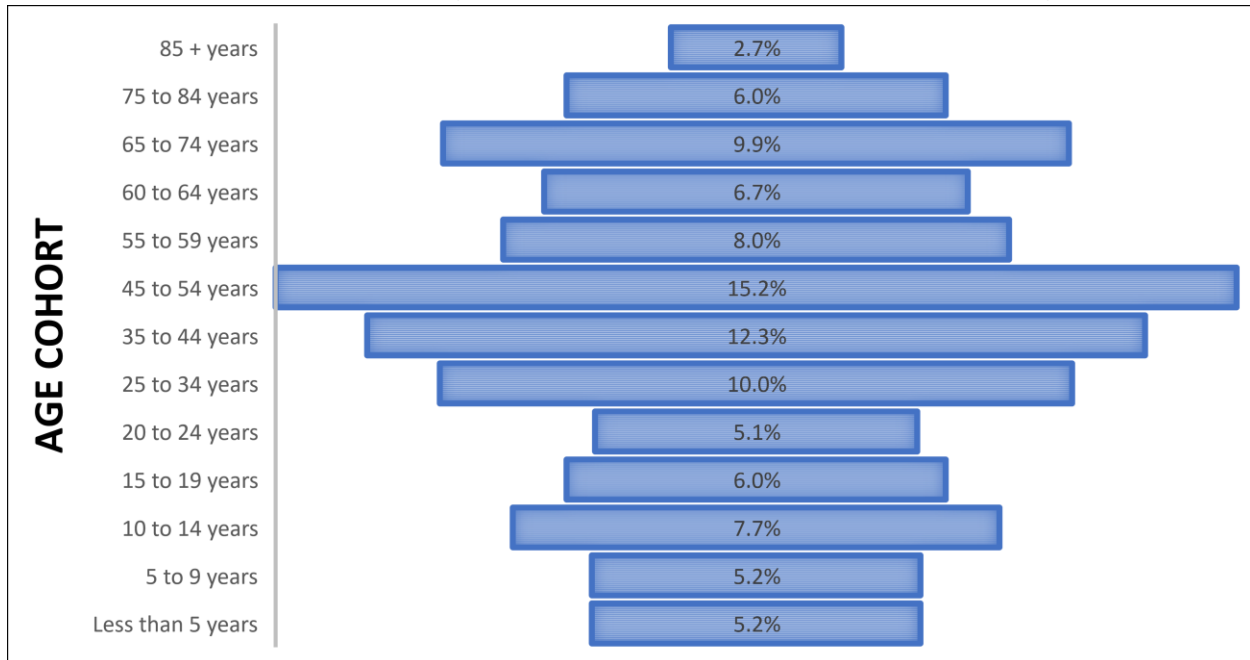
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Population Trends

Between 2010 and 2016, the county’s population declined by about 1%. The average age of the county is older than that of the state (43.8 vs. 39 years). Kewaunee County’s population pyramid (Figure 5) 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 (KEWAUNEE COUNTY ABOVE AND STATE BELOW)

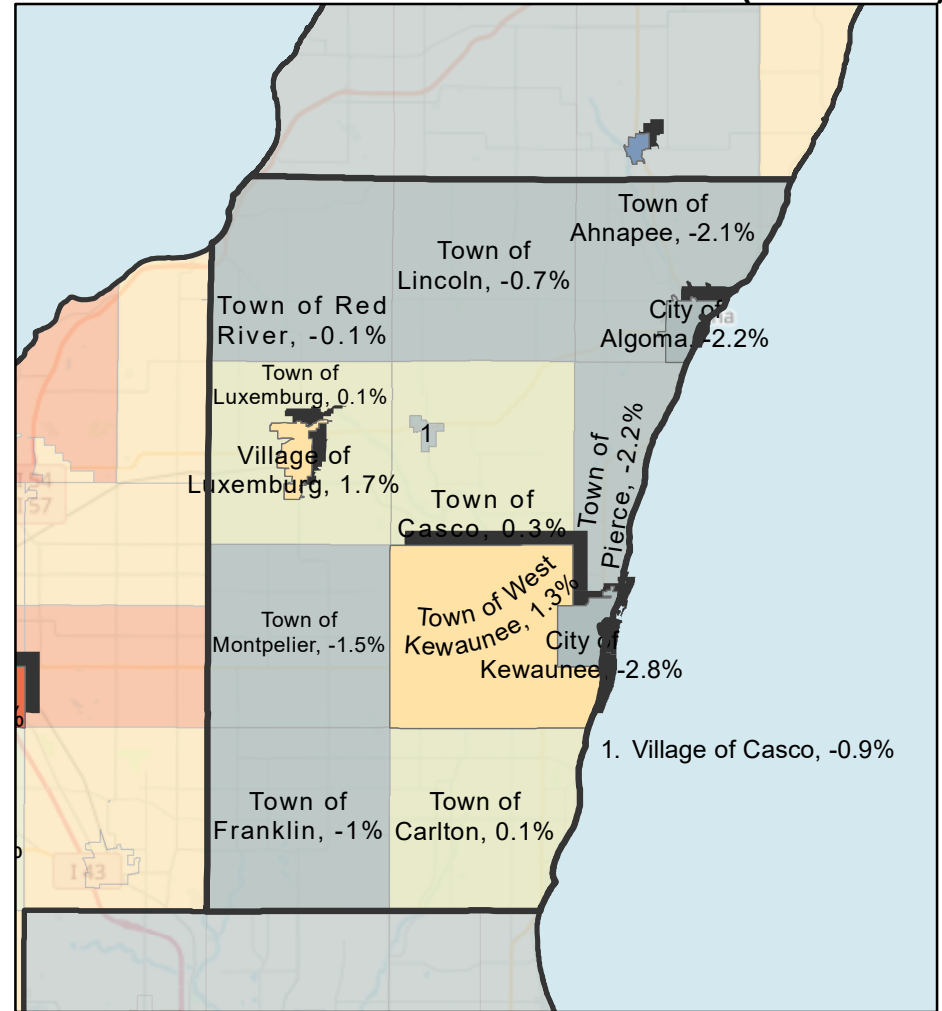
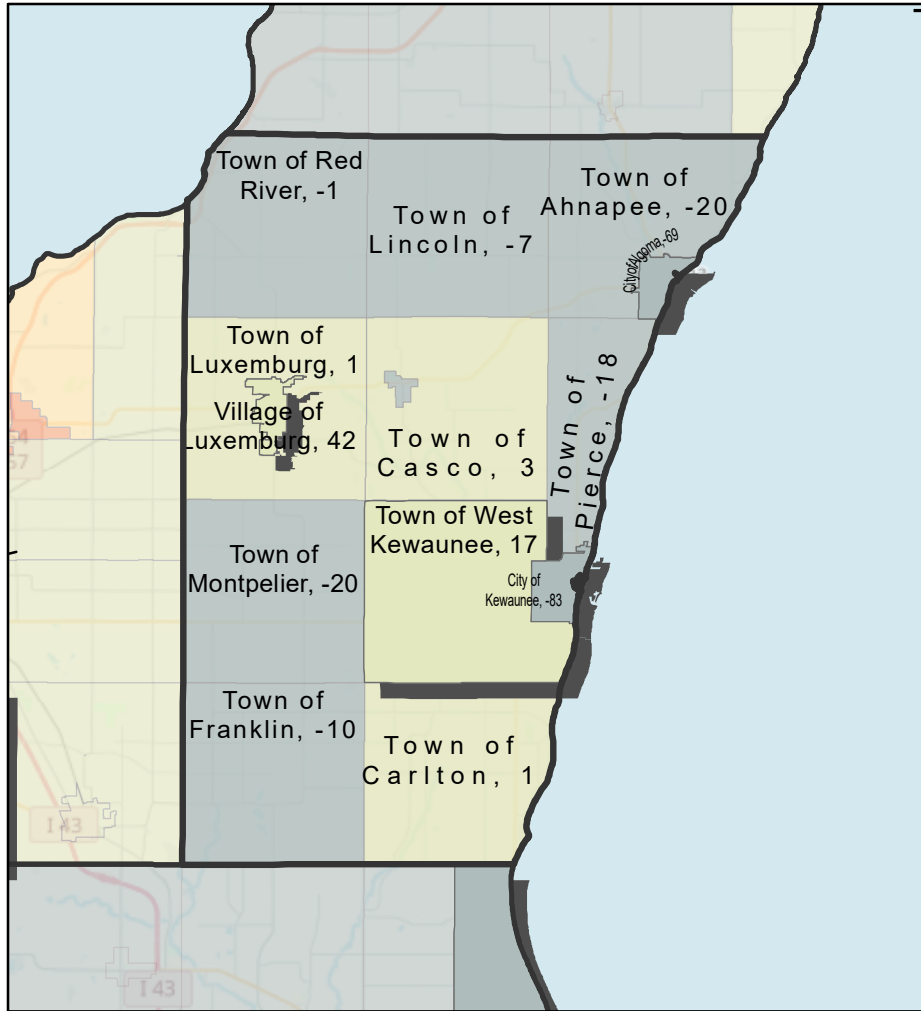


Generally, jurisdictions in the county are experiencing either stagnant or declining populations, with only a few places growing modestly. (In Figure 6, the measure of absolute population change merely shows the raw population changes between 2010 and 2016, while the measure of “relative population change” weights such absolute changes by the base population figures of 2010).⁹

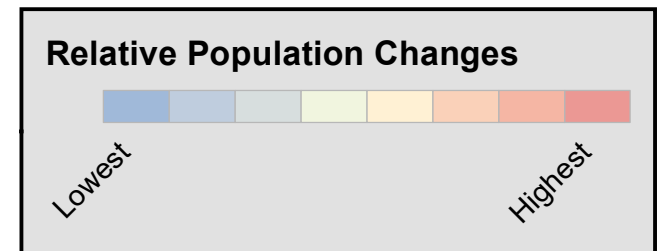
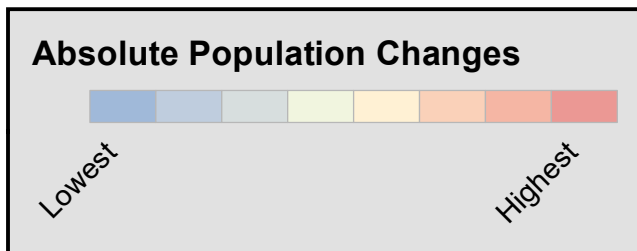
⁸ United States Census Bureau. “Selected Economic Characteristics DP03, Employment Status.” 2012-2016 American Community Survey 5-Year Estimates. https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_15_5YR_DP03&src=pt Accessed November 6th, 2017.

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 KEWAUNEE 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

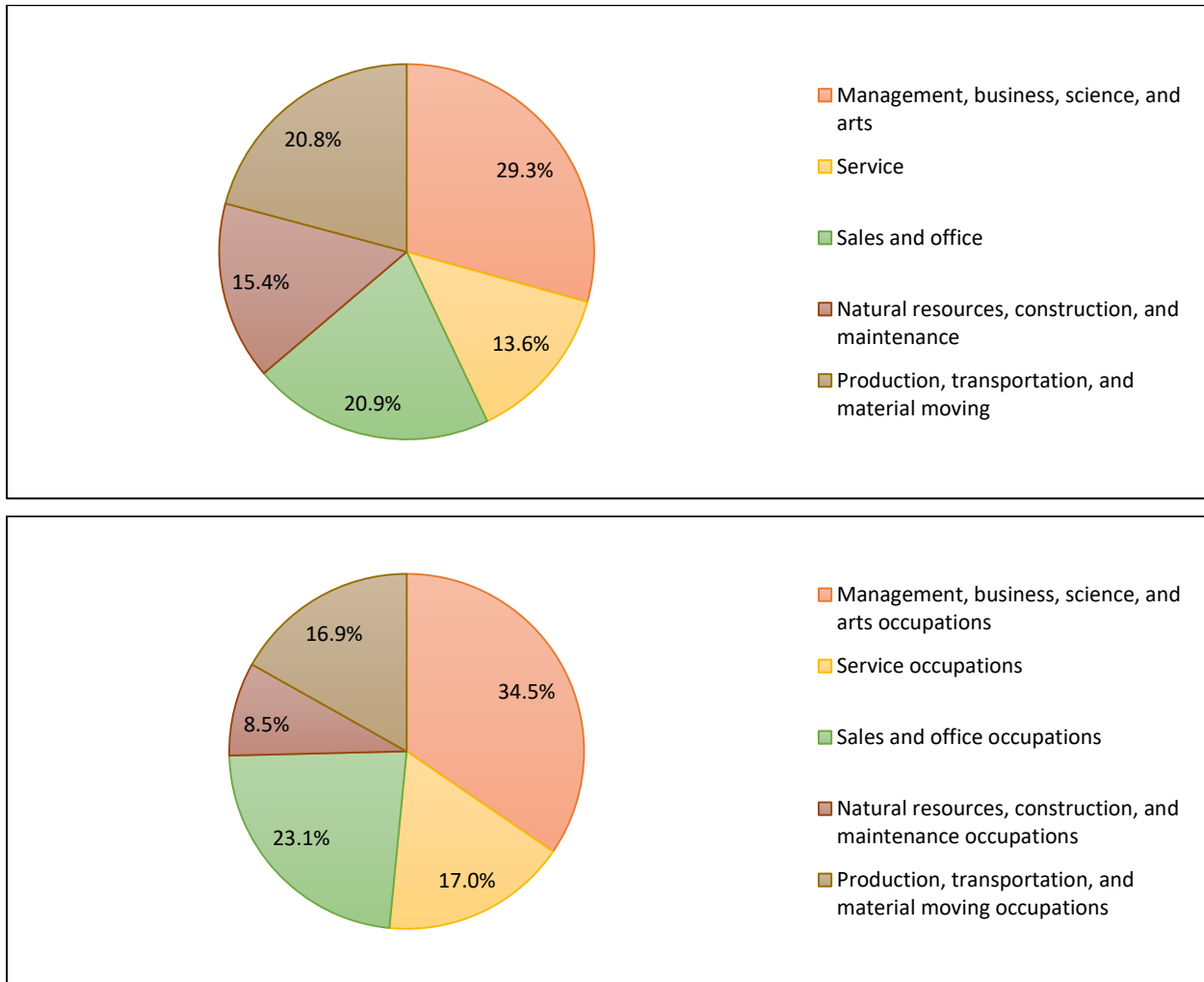


THE ECONOMY

Section Summary

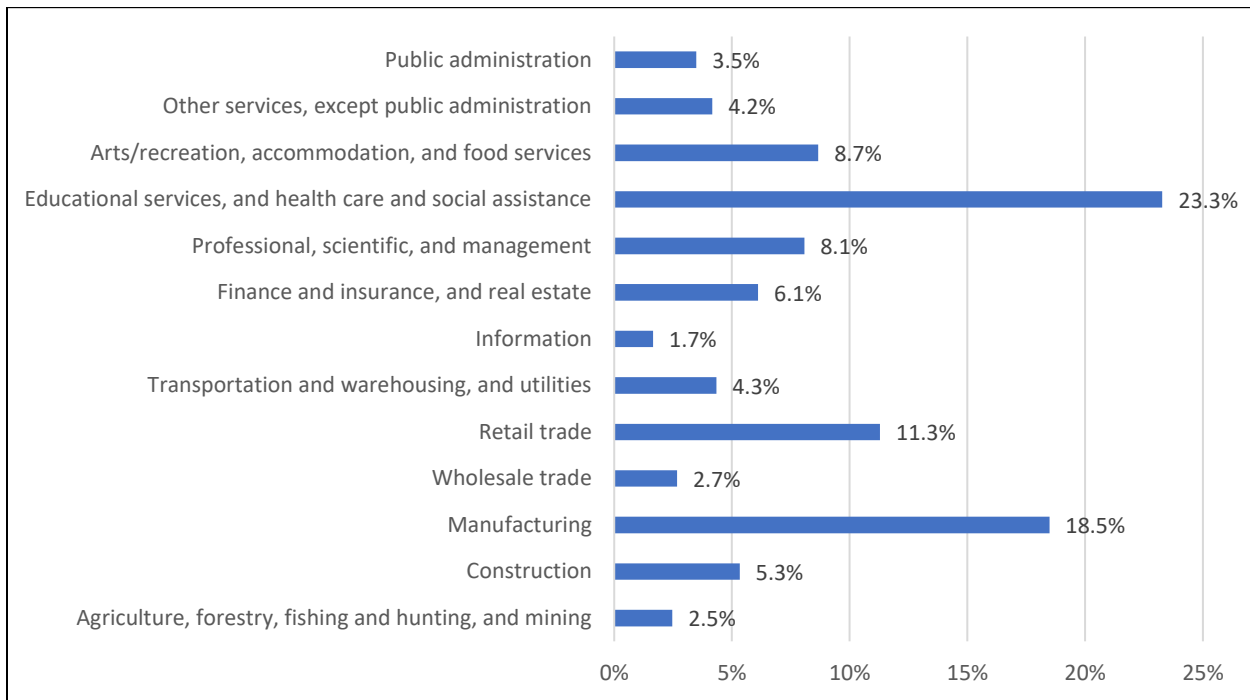
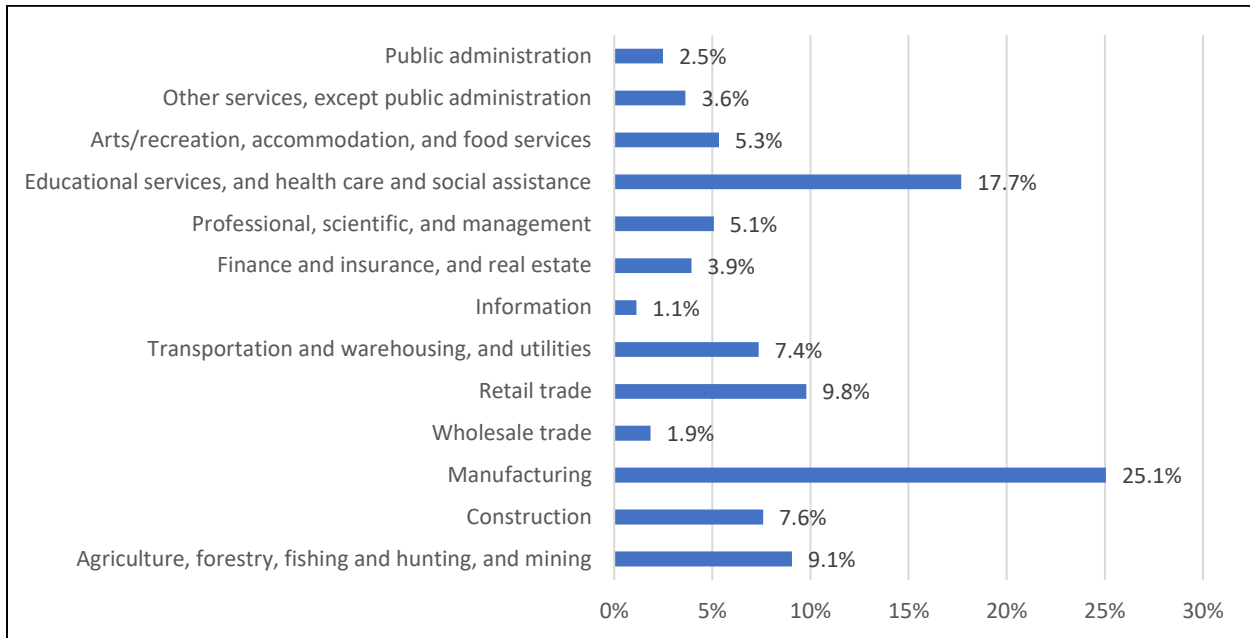
The unemployment rate in Kewaunee County has been, on average, 0.5% lower than that of the state over the last decade. Generally, the county has a comparatively low number of jobs in management, business, science, or the arts, and it has a comparatively high number of jobs in natural resources, construction, maintenance, production, transportation, or material moving. The proportion of the population that works in the arts, entertainment, recreation, accomodation, food services, professional, scientific, or management industries is fairly small. The proportion of people working in the educational services, health care, or social assistance industries is small. The county has a fairly high proportion of persons working in the transportation, warehousing, or utilities industries. The county has a large manufacturing industry, and it has a large agriculture, forestry, fishing and hunting, or mining industry.

FIGURE 7: EMPLOYMENT BY OCCUPATION (KEWAUNEE 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.

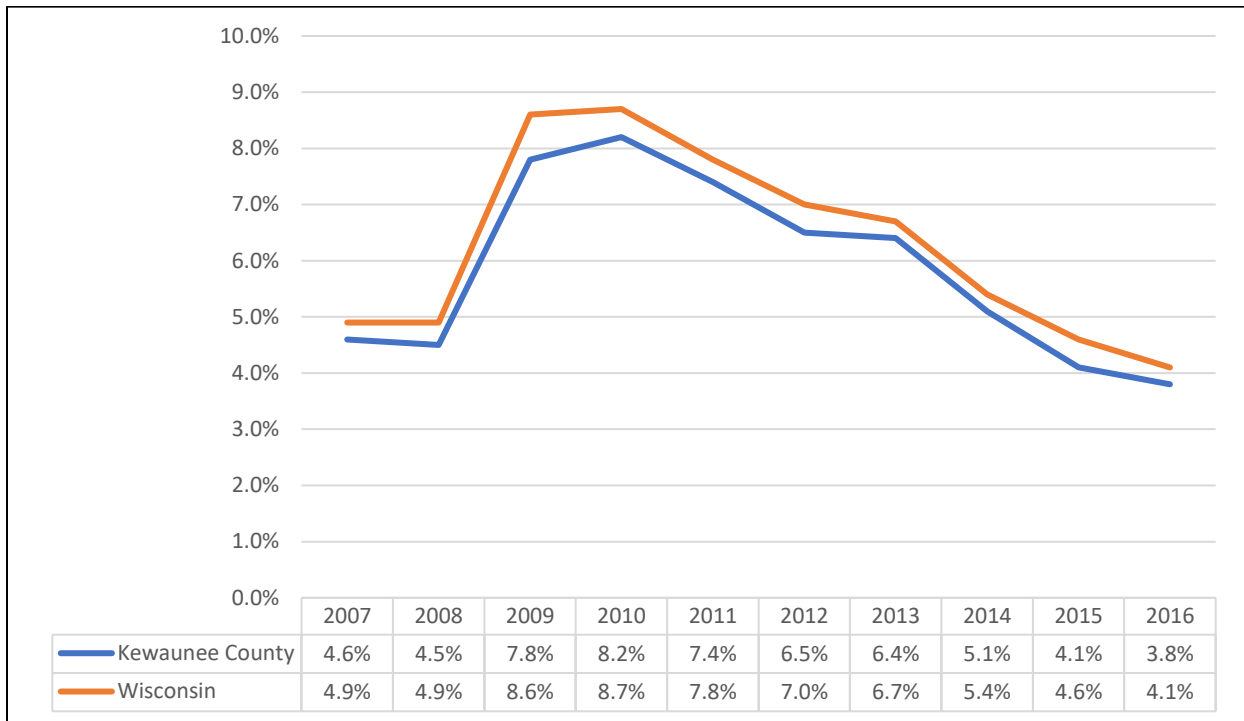
FIGURE 8: EMPLOYED POPULATION BY INDUSTRY (KEWAUNEE ON TOP AND STATE BELOW)



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, KEWAUNEE COUNTY AND WISCONSIN, 2007-2016



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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-nine percent of licensees have liquor for sale for consumption on site. Twenty-one percent of the licensees are in Algoma, 21% are in Kewaunee, 16% are in Luxemburg, and 38% are in towns.

FIGURE 10: ALCOHOL BEVERAGE LICENSES BY JURISDICTION, KEWAUNEE COUNTY

	Algoma	Casco	Kewaunee	Luxemburg	Towns	Total (By Liq. License)
AB or AC						0
AL or ALB	6		6	5	3	20
BB or CW	2		2	2	4	10
BL or BLB	12	4	12	9	30	67
Others						0
Total (By Municipality)	20	4	20	16	37	97

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)

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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 KEWAUNEE COUNTY BY JURISDICTION

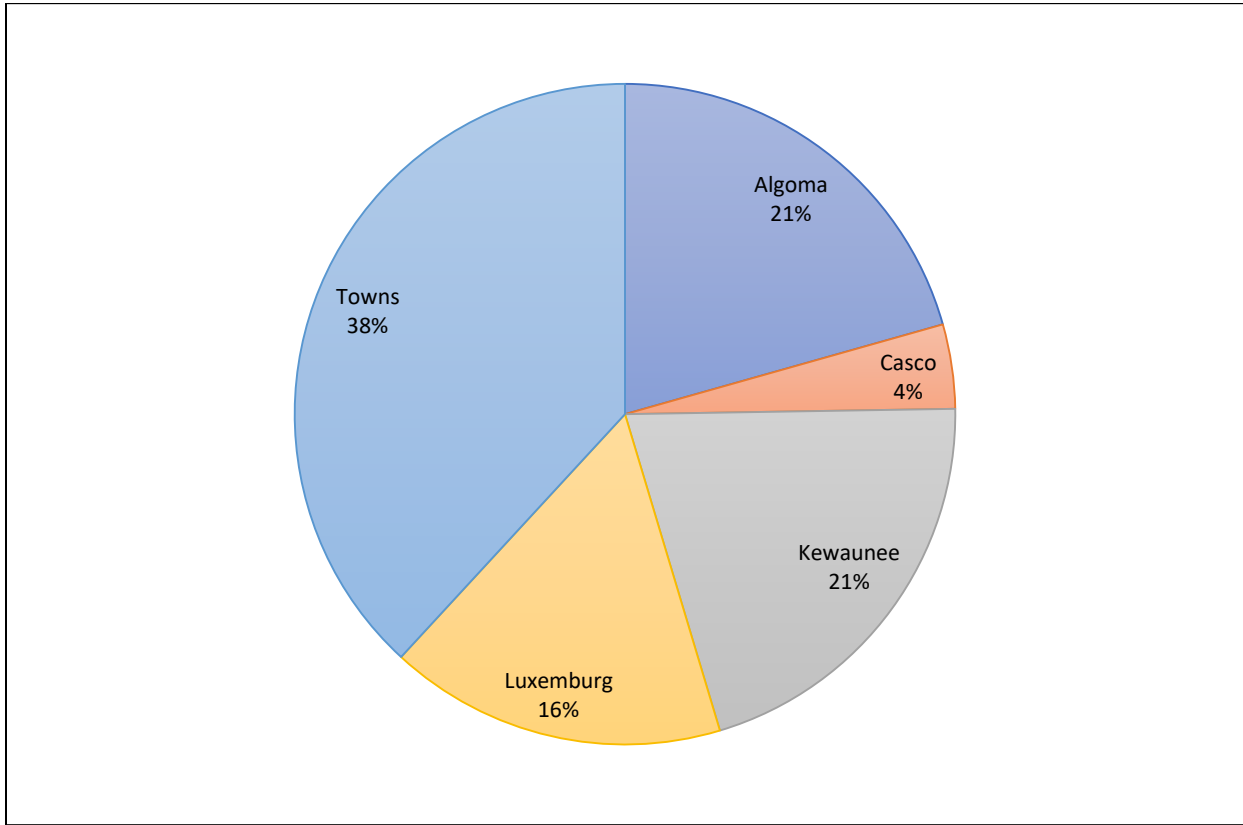
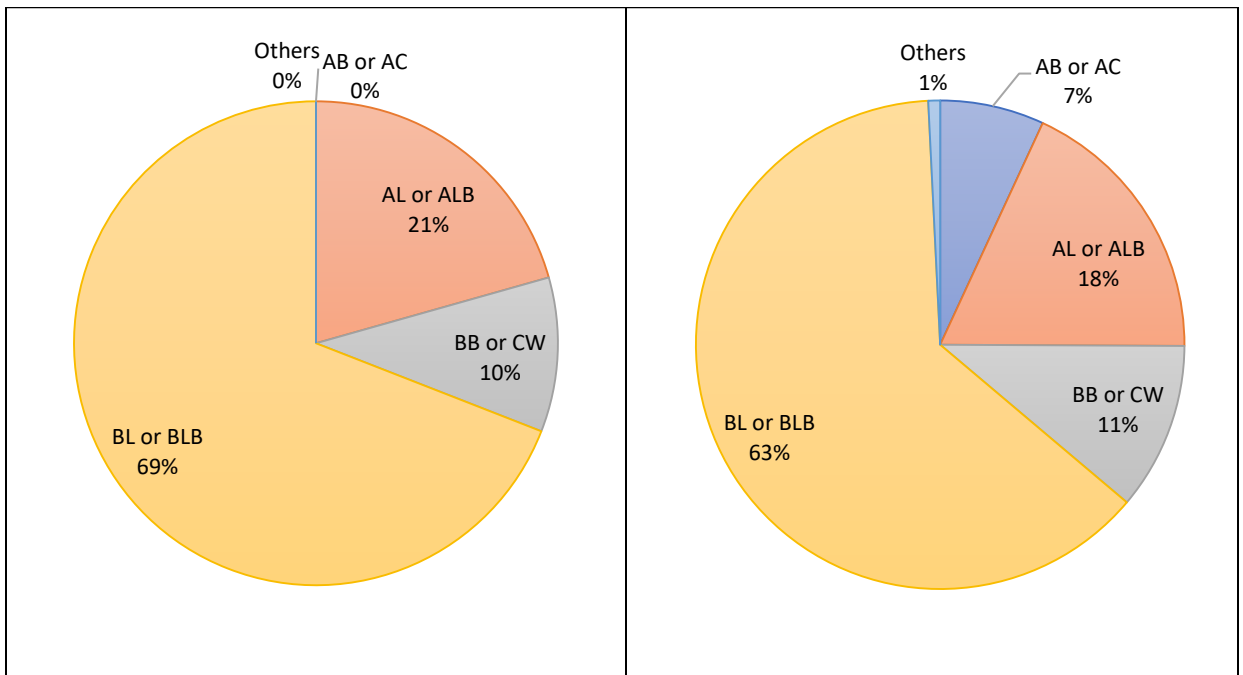


FIGURE 11: ALCOHOL BEVERAGE LICENSES BY TYPE, 2017-2018 (KEWAUNEE COUNTY ON THE LEFT, STATE ON THE RIGHT)



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, Kewaunee County reported lower injury-to-death ratio than the state generally (44.9 vs. 73.1).

Emergency Services

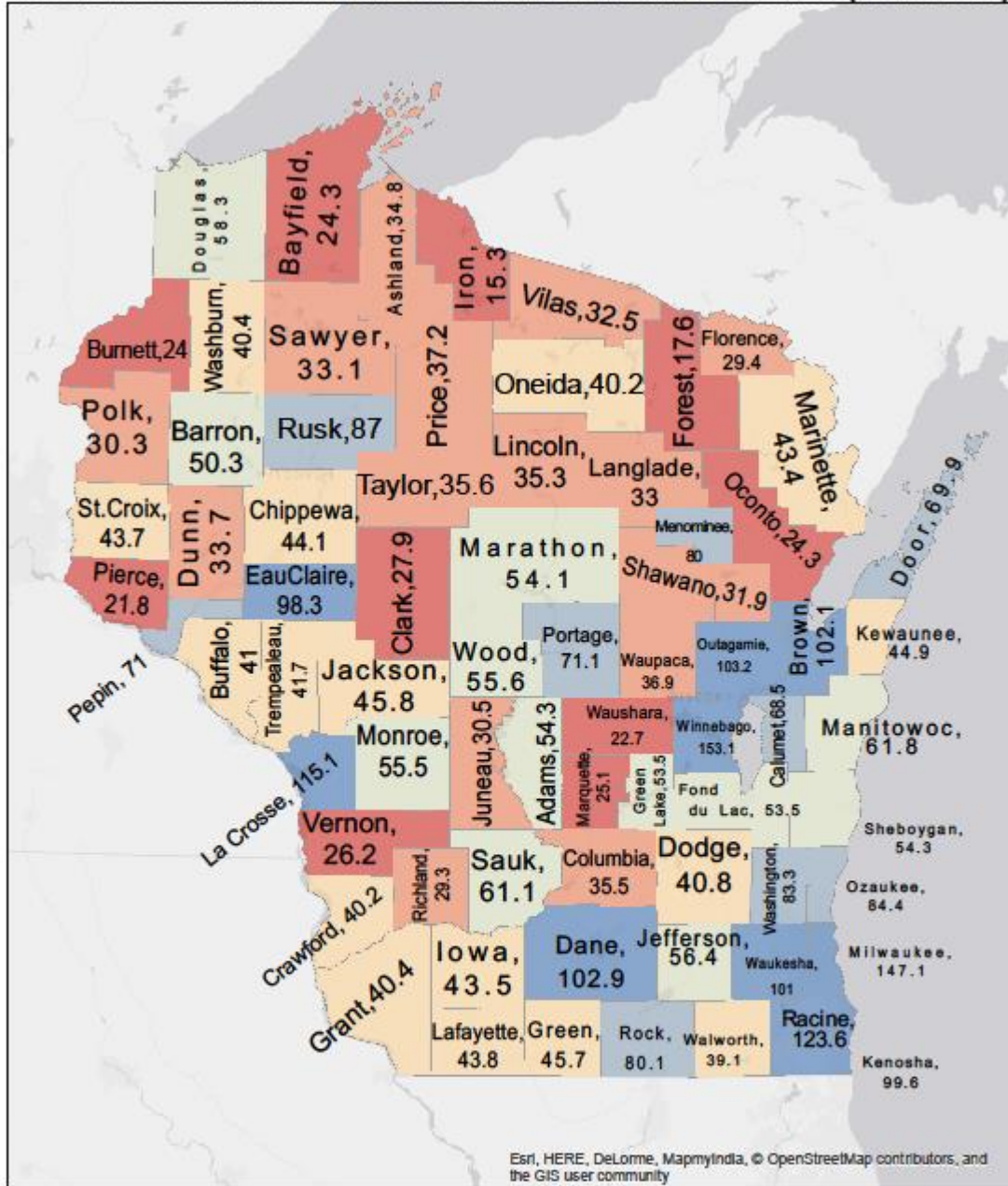
As can be seen in Figure 13, Kewaunee County doesn't contain any trauma centers within its boundaries. The closest level II and III trauma centers are west, across the county border, in the Green Bay Area. The closest level I trauma center is in Milwaukee.¹⁵

Kewaunee County maintains 7 different emergency providers (Figure 14). These companies employ 152 emergency personnel. Consequently, the county is the site of 7.4 emergency response personnel per 1,000 residents. This is higher than the state figure of 4.02 emergency response personnel per 1,000 residents.

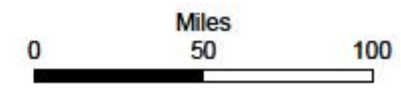
¹⁵ The trauma capacities of hospitals are rated on a I-IV scale, with some remaining unrated; Level I hospitals have the greatest capacity. In the image, brighter colors show hot spots, where crash numbers are (locally) concentrated.

FIGURE 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:

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

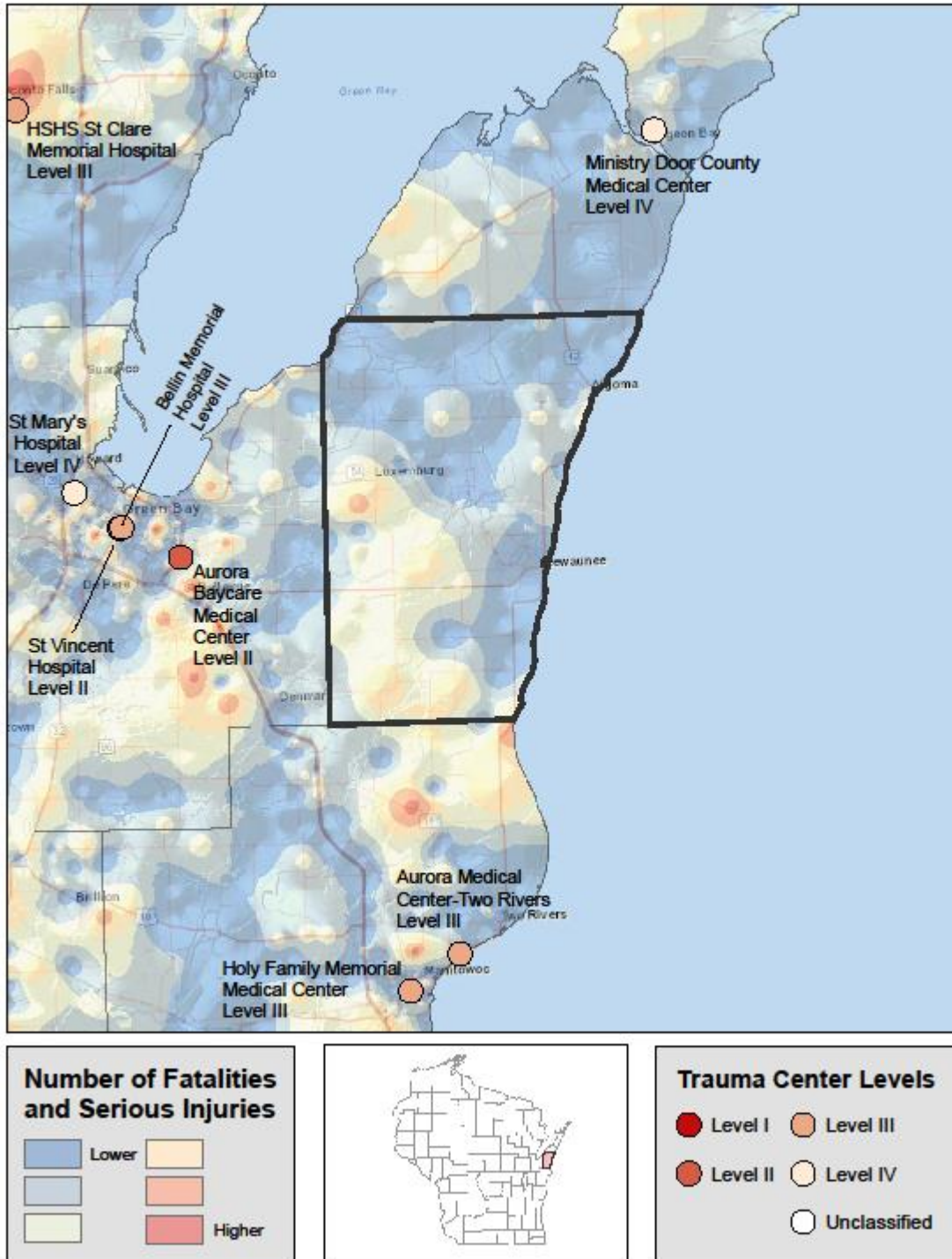
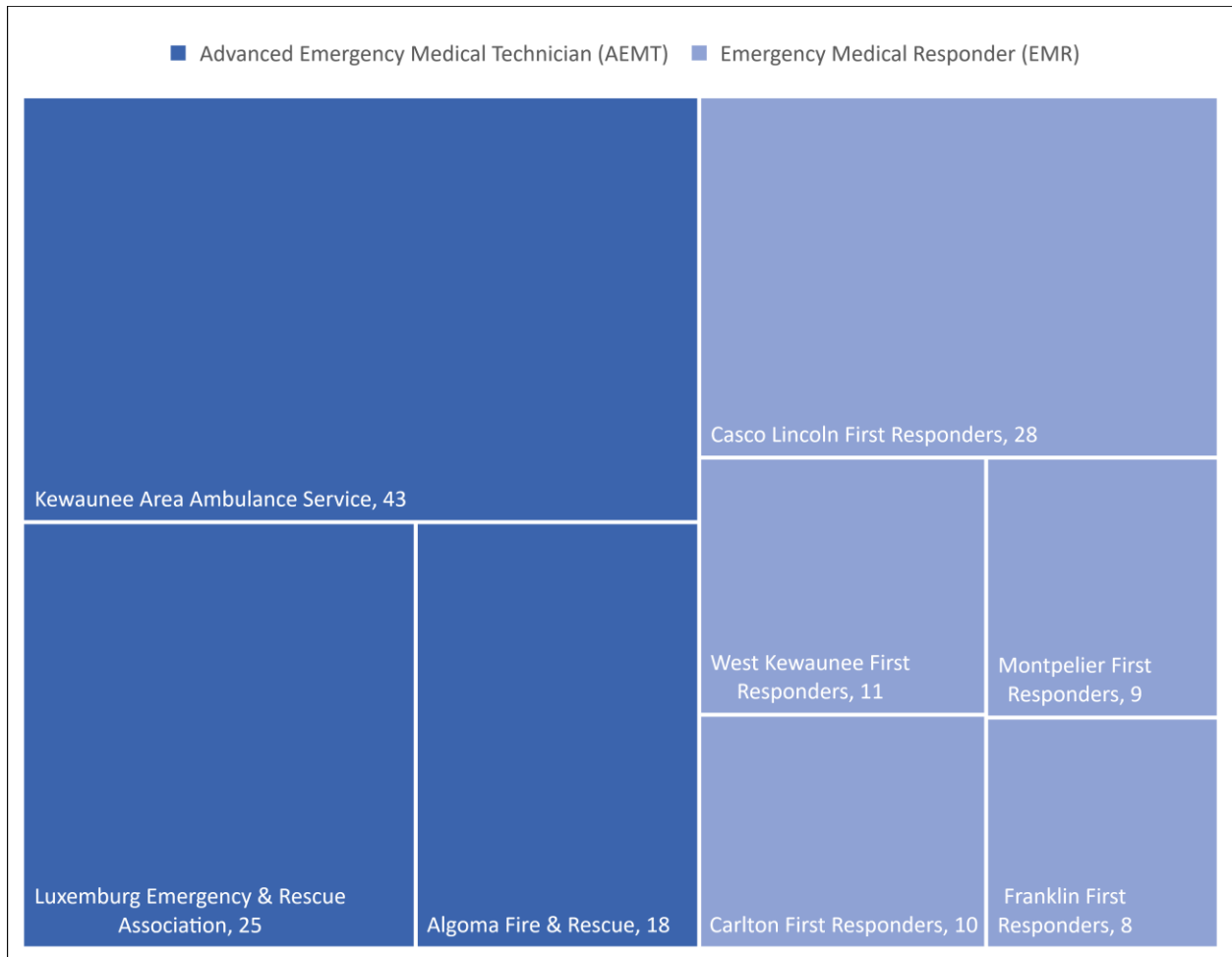


FIGURE 14: NUMBER OF EMT PERSONNEL/JURISDICTION ¹⁶

Service License Level	Service Name	Number of Personnel
Advanced Emergency Medical Technician (AEMT)	Kewaunee Area Ambulance Service	43
Advanced Emergency Medical Technician (AEMT)	Luxemburg Emergency & Rescue Association	25
Advanced Emergency Medical Technician (AEMT)	Algoma Fire & Rescue	18
Emergency Medical Responder (EMR)	Casco Lincoln First Responders	28
Emergency Medical Responder (EMR)	West Kewaunee First Responders	11
Emergency Medical Responder (EMR)	Carlton First Responders	10
Emergency Medical Responder (EMR)	Montpelier First Responders	9
Emergency Medical Responder (EMR)	Franklin First Responders	8

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 Kewaunee 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	1	1	3	3	3	3	0	0	2	2	1.8	1.8
Incapacitating Injury	9	9	13	17	9	15	12	13	16	19	11.8	14.6
Non-Incapacitating Injury	33	39	21	29	21	24	19	22	30	47	24.8	32.2
Possible Injury	17	26	26	37	29	41	29	40	40	57	28.2	40.2
No Apparent Injury	167	309	250	422	327	482	388	556	437	615	313.8	476.8
Totals	227	384	313	508	389	565	448	631	525	740	380.4	565.6

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

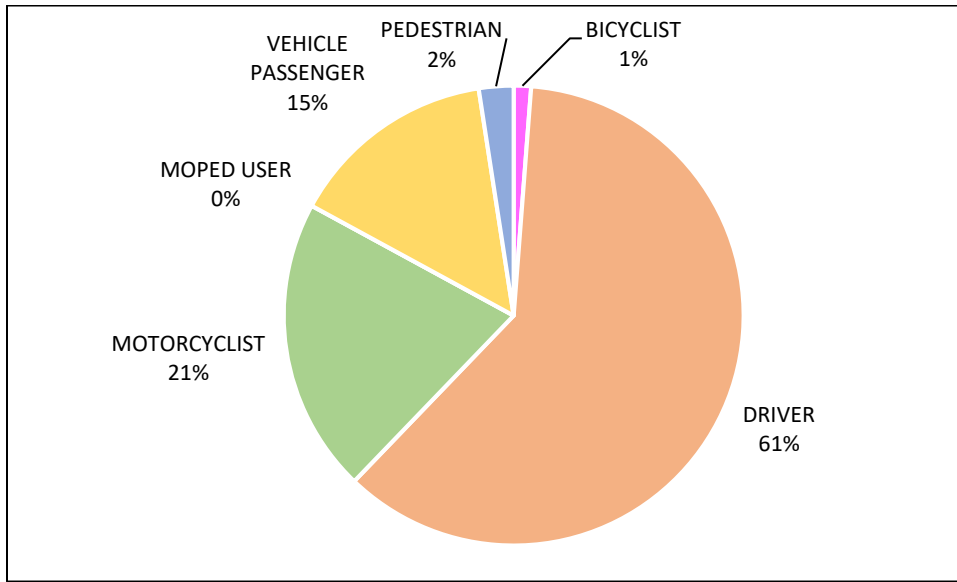
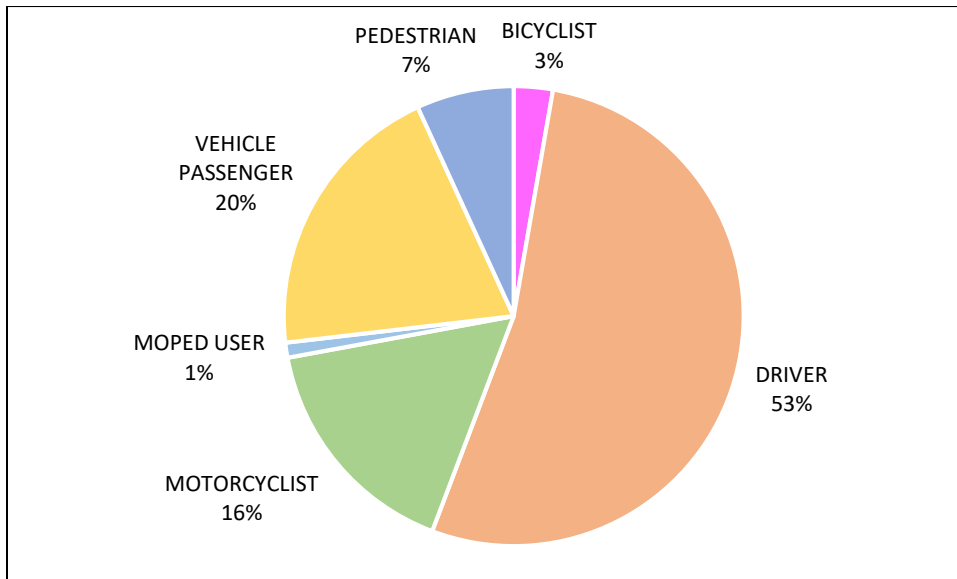


FIGURE 17: FATALITIES AND INCAPACITATING INJURIES BY ROLE, WISCONSIN, 2012-2016



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

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

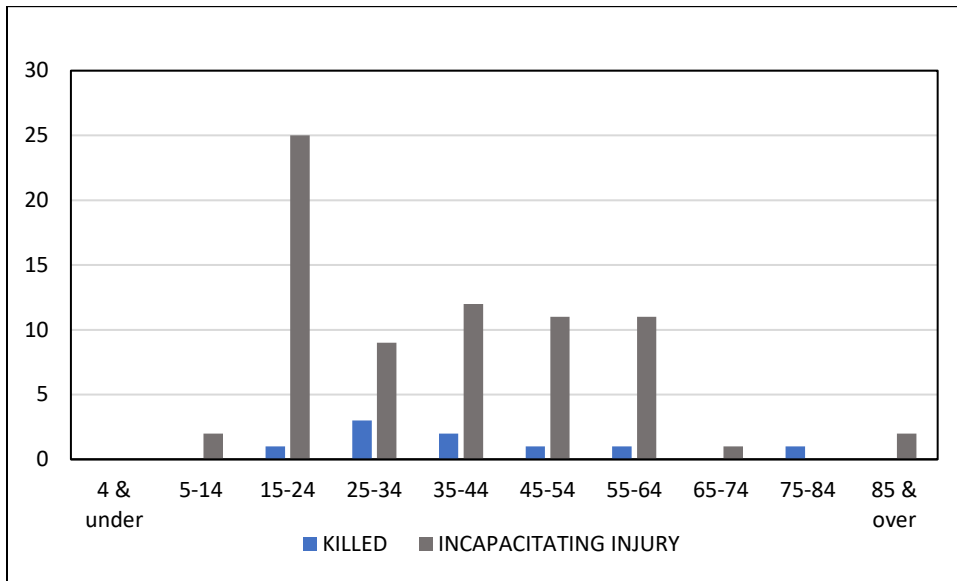
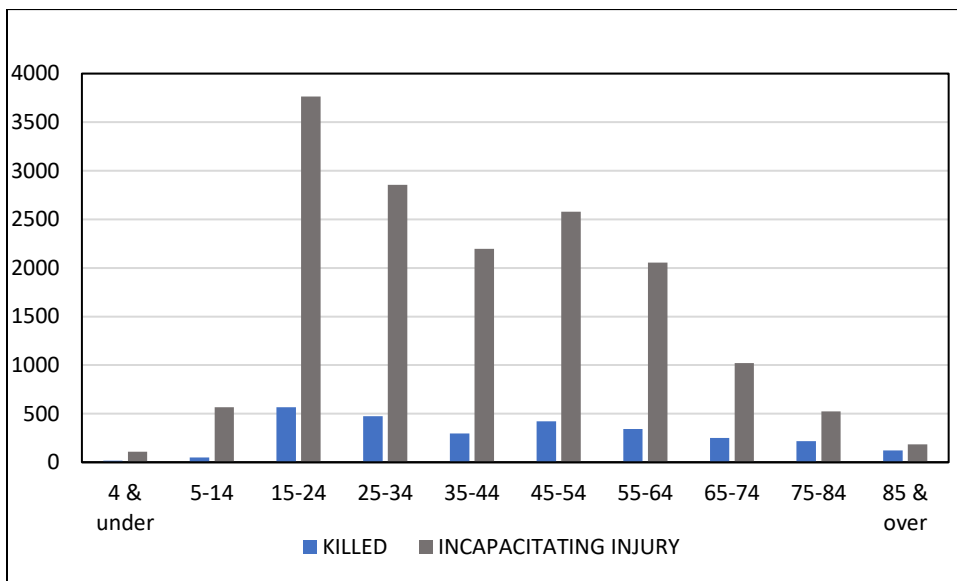
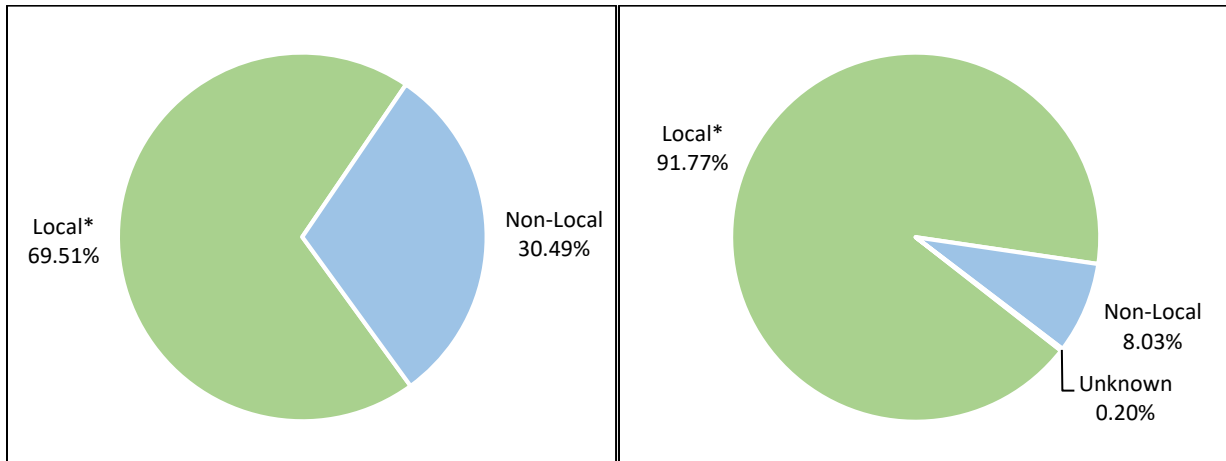


FIGURE 19: FATAL AND INCAPACITATING INJURIES BY AGE IN WISCONSIN, 2012-2016



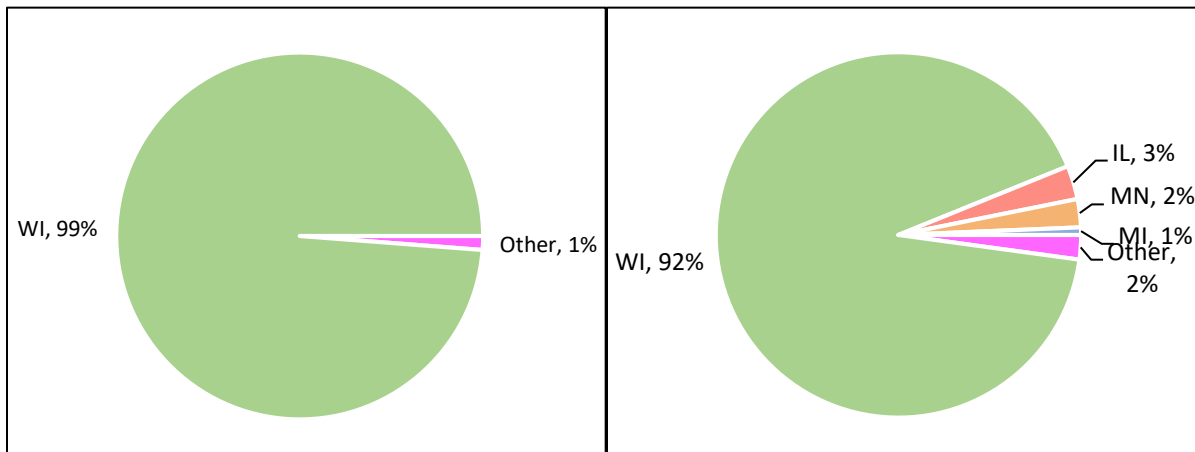
The highest number of incapacitating injuries occurred in the age group 15-24 within Kewaunee County, the same for the state of Wisconsin. The highest number of fatalities occurred in the age group 25-34 in Kewaunee County, compared to 15-24 for the state of Wisconsin.

FIGURE 20: TOTAL FATALITIES AND INCAPACITATING INJURIES BY PLACE OF RESIDENCE (KEWAUNEE 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. 30% of the fatalities and injuries in Kewaunee County occurred to non-local individuals.

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



99% of fatality and injury crashes in Kewaunee County occurred to Wisconsin residents.

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

	Total Fatal Crashes	Total Non-Fatal Injury Crashes
Interstate Highways	N/A	N/A
US/State Highways	33.3%	38.6%
County Highways	44.4%	30.2%
Local Roads	22.2%	31.2%

The highest percentage of fatal crashes occurred on county highways within Kewaunee County.

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

LEA	TOTAL
ALGOMA POLICE DEPARTMENT	1
DOOR COUNTY SHERIFF	1
KEWAUNEE COUNTY SHERIFF	63
KEWAUNEE POLICE DEPARTMENT	1
LUXEMBURG VILLAGE POLICE DEPARTMENT	1
WISCONSIN STATE PATROL	1
TOTAL	68

Kewaunee County Sheriff’s Department had the highest reporting of fatal and serious injury crashes within Kewaunee 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	N/A	N/A
US/State Highways	100.0%	44.8%
County Highways	0.0%	24.0%
Local Roads	0.0%	31.2%

The most common location for inattention-related fatal and serious injury crashes in Kewaunee County is 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	N/A	N/A
US/State Highways	0.0%	28.6%
County Highways	66.7%	47.6%
Local Roads	33.3%	23.8%

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

FIGURE 26: IMPAIRED DRIVING STATISTICS IN KEWAUNEE 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
1.8	64.8	0.6	8.4

Kewaunee County	% of alcohol or drug-related fatal crashes to all fatal crashes	33.3%
Wisconsin	% of alcohol or drug-related fatal crashes to all fatal crashes	45.0%

Kewaunee County had a lower 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: KEWAUNEE COUNTY MOTORCYCLISTS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	11.1%	21.9%	0.2	3.2
State	15.3%	16.5%	84.8	525.6

Kewaunee 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: KEWAUNEE COUNTY PEDESTRIANS KILLED OR SERIOUSLY INJURED, 2012-2016

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	11.1%	1.4%	0.2	0.2
State	8.1%	6.6%	44.8	211.2

Kewaunee County had a lower percentage of crashes where pedestrians were seriously injured, when compared to the state, but a higher percentage pedestrian fatalities.

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

PEDESTRIAN ACTION	PEDESTRIAN LOCATION				TOTAL
	BLANK	IN CROSSWALK	IN ROADWAY	ON SIDEWALK	
BLANK	1	0	0	1	2
DARTING INTO ROAD	0	0	2	0	2
WALKING FACING TRAFFIC	0	1	1	0	2
TOTAL	1	1	3	1	6

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

	% Killed	% Seriously Injured	5-Yr Ave Killed	5-Yr Ave Seriously Injured
County	11.1%	0.0%	0.2	0.0
State	1.8%	2.9%	10.2	92.4

Kewaunee County had a lower percentage of crashes where bicyclists were seriously injured, compared to the state, but a higher percentage of bicyclist fatalities.

ISSUE AREA: IMPROVE SAFETY OF INTERSECTIONS

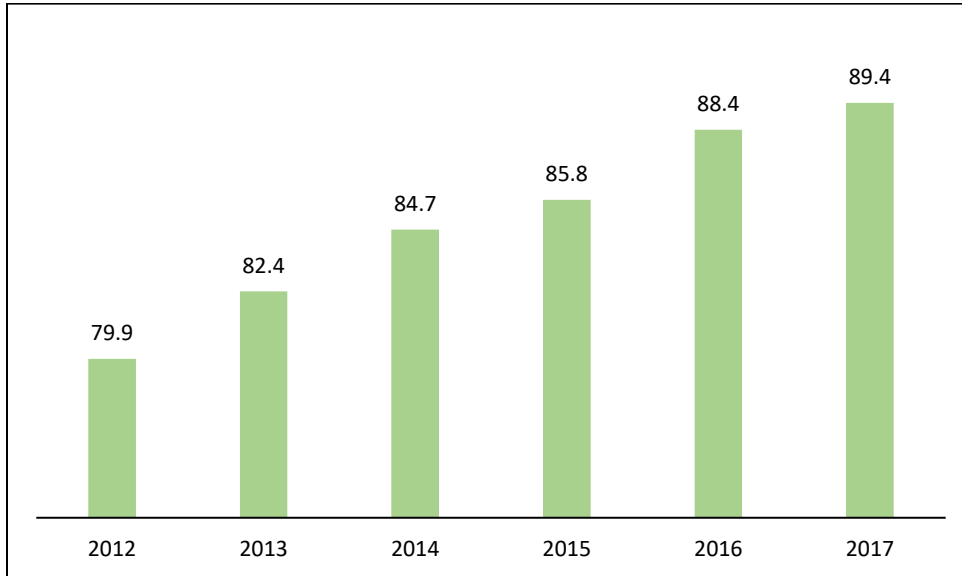
FIGURE 31: KEWAUNEE COUNTY TOTAL CRASHES BY LOCATION, 2012-2016

	County	State
% Intersection	16.2%	37.8%
% Non-Intersection	83.8%	62.8%

There were fewer crashes at intersections in Kewaunee 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.

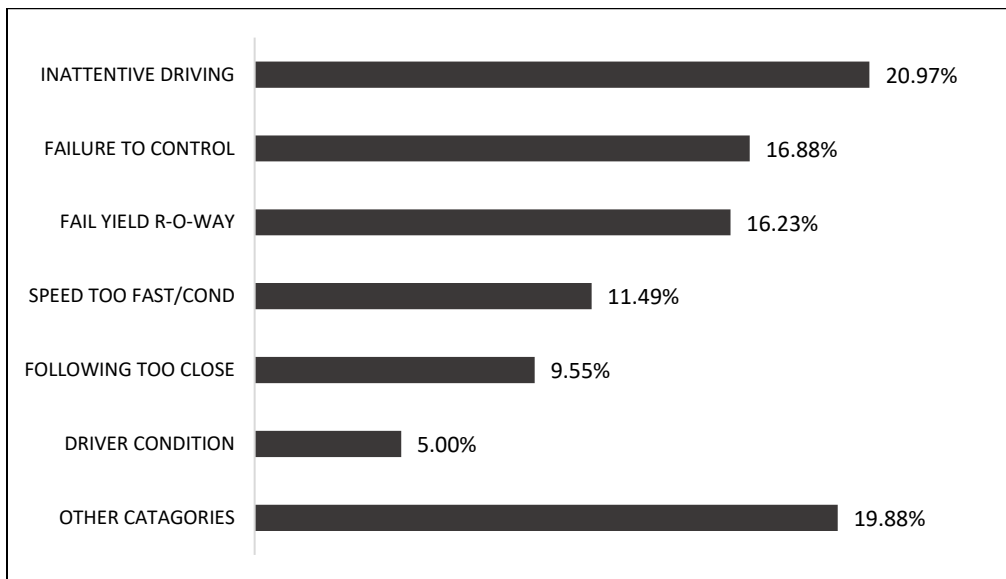
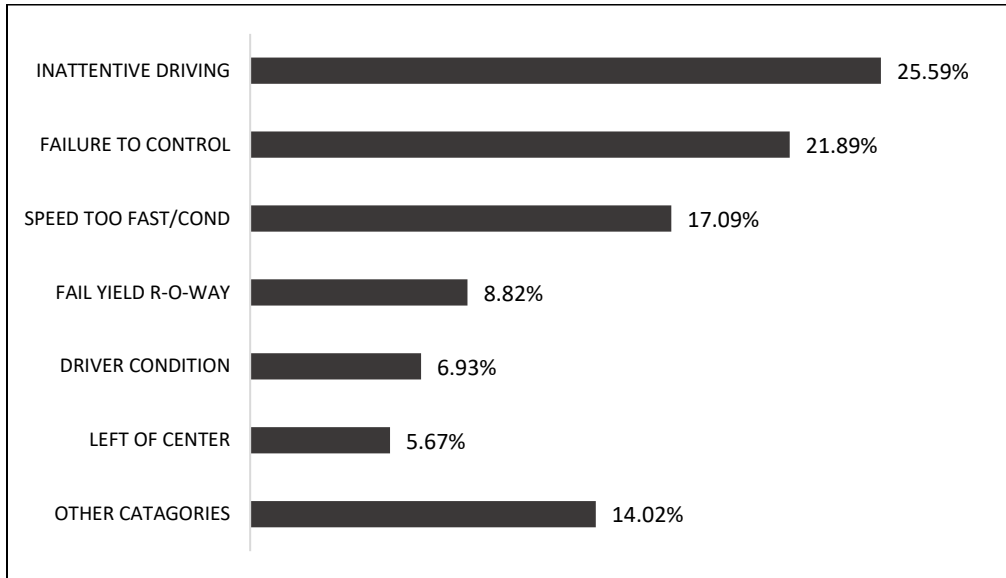
FIGURE 32.2: SAFETY EQUIPMENT USAGE IN PASSENGER CAR AND LIGHT TRUCKS DURING CRASHES, 2012-2016

	Belted	Unbelted
Fatalities and Serious Injuries	78.8%	21.2%

21% of the people killed or seriously injured in crashes in Kewaunee County were not wearing a seatbelt.

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

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



Inattentive driving is the most significant contributing factor for all crashes within Kewaunee County.

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

Average Speed-Related Fatal Crashes	Average Speed-Related Non-Fatal Injury Crashes
0.4	17.8

Kewaunee County	% of speed-related fatal crashes to all fatal crashes	22.2%
Wisconsin	% of speed-related fatal crashes to all fatal crashes	28.9%

	Speed-Related Fatal Crashes	Speed-Related Non-Fatal Injury Crashes
Interstate Highways	N/A	N/A
US/State Highways	0.0%	34.8%
County Highways	50.0%	37.1%
Local Roads	50.0%	28.1%

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

ISSUE AREA: REDUCE LANE DEPARTURE CRASHES

FIGURE 35: KEWAUNEE 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	107.4	28.2%
State	30,395.6	25.4%

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

THE IMPACT

The number of persons involved in crashes is very low, comparatively. Crash-related emergency room visits are low.

2011-2015 Annual Averages

	Kewaunee County	Wisconsin
Average Annual Population	20,602	5,716,883
Persons in Crashes (per 1,000 residents)	19.8	46.0
Crash-Related Emergency Room Visits (per 100,000 residents)	216.0	407.3
Crash-Related Hospitalizations (per 100,000 residents)	50.5	49.3
Quality of Life Costs (per 100,000 residents)	\$35,686,087	\$36,819,900
Lost Years of Life (per 1,000 residents)	3.71	3.04
Medical Costs (per 100,000 residents)	\$8,413,462	\$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	Speed
Kewaunee County Law Enforcement Agencies	no participation		

2017 Task Force Participation and 2018 Task Force Eligibility

	Impaired Driving	Occupant	Speed
Kewaunee 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
Kewaunee County Law Enforcement Agencies	no participation					

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.