



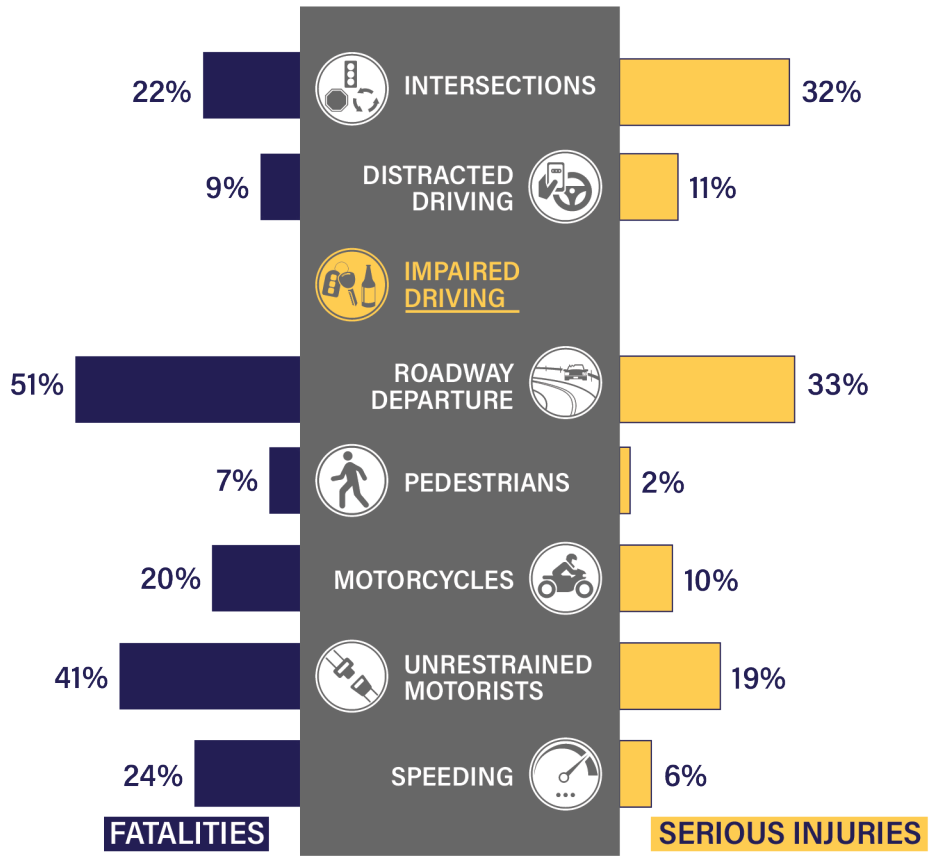
Emphasis Area 3

Impaired Driving

Drug or alcohol impairment has major effects on the cognitive abilities of a motor vehicle operator and is a contributing factor in many crashes resulting in fatalities and serious injuries. Fatalities and serious injuries considered in this Emphasis Area occurred in a crash involving a driver that is legally impaired by alcohol and/or drugs. In Delaware, a driver is considered legally impaired when their blood alcohol concentration (BAC) is 0.08 percent or greater or there is the presence of an illicit or recreational drug within the driver's blood. From 2015 through 2019, impaired driving was a factor in 30 percent of all fatalities and 16 percent of all serious injuries.



Impaired Driving Emphasis Area Overlap with Other Emphasis Areas (2015-2019 Crashes)



EMPHASIS AREA OBJECTIVE

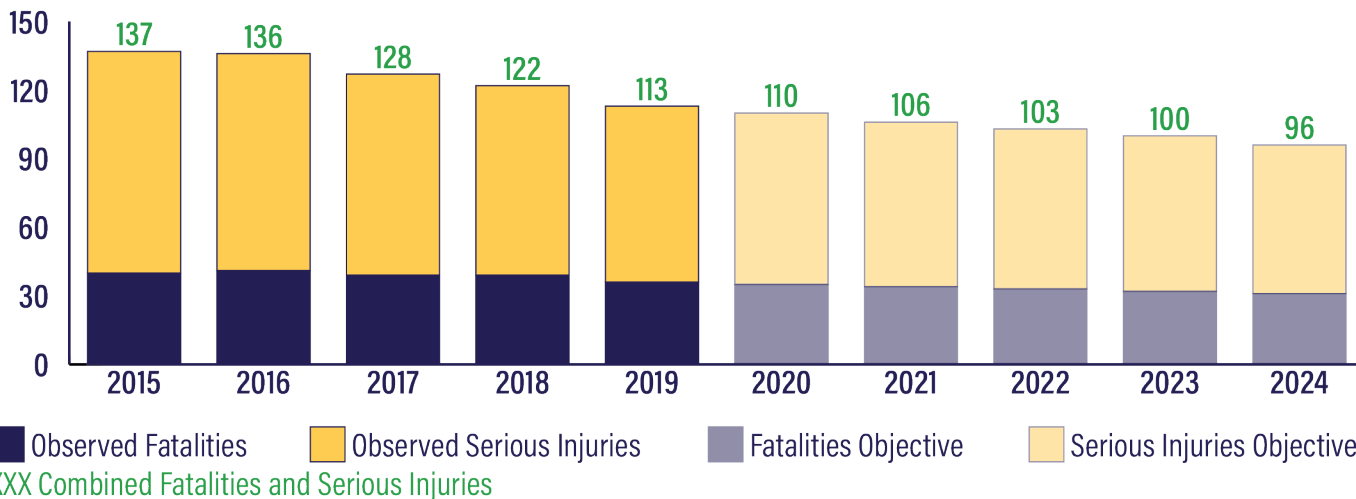
REDUCE
Impaired Driving
Fatalities & Serious Injuries by
15%
 from **113 to 96,**
 over the next **5 years.**

Impaired Driving

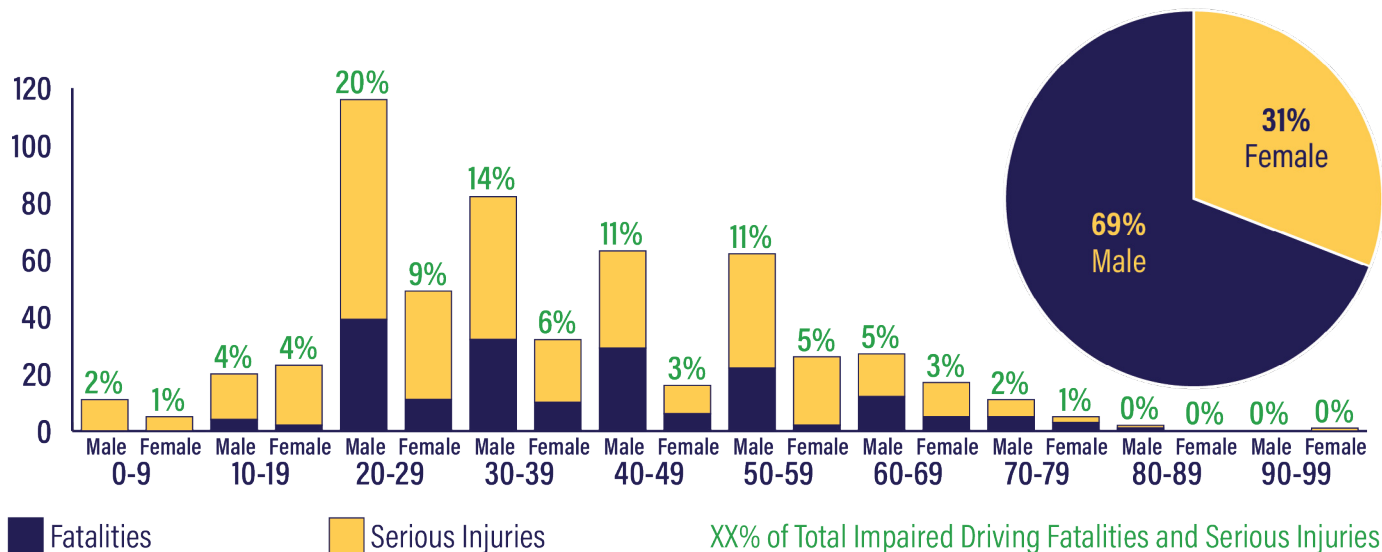
Crash Data Summary (2015-2019)

Impaired Driving Crash Definition: Persons fatally or seriously injured in crashes that involved an impaired driver.

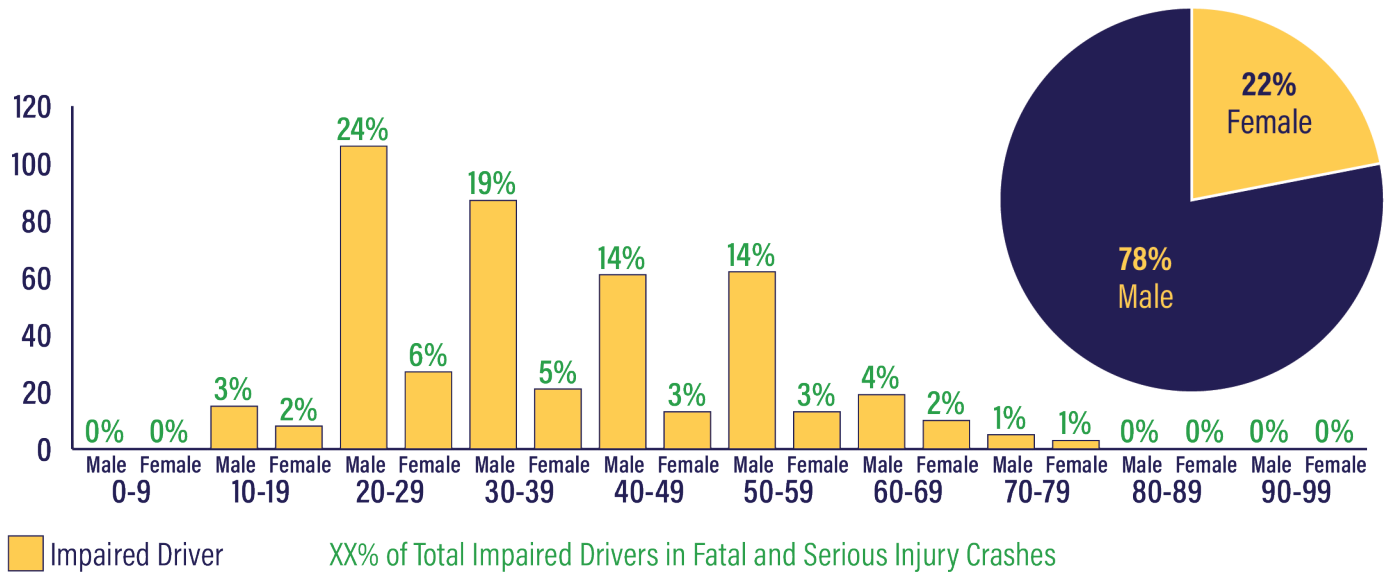
Impaired Driving Fatalities and Serious Injuries (5-Year Rolling Averages)



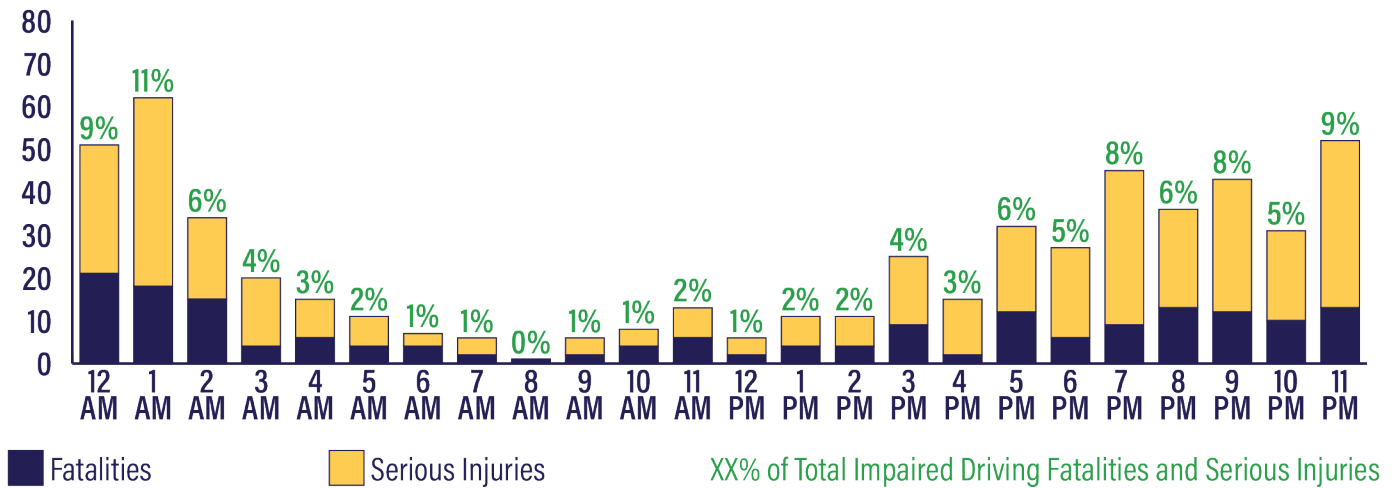
Age/Gender of Crash Victim



Age/Gender of Impaired Driver



When?

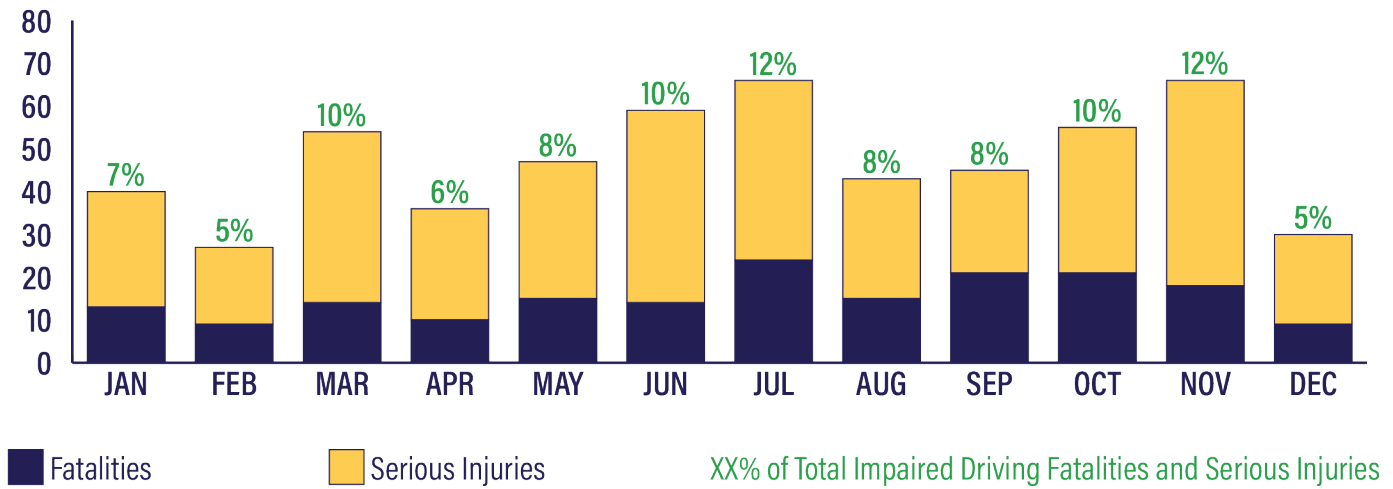
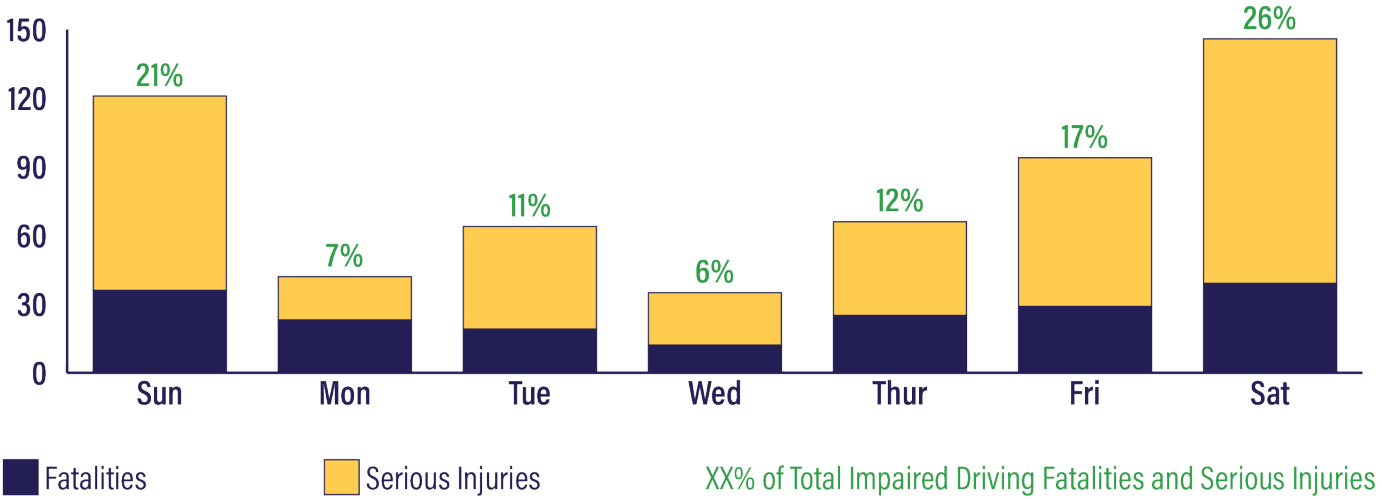


	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
Sunday	13	22	11	10	7	2		2			1	2	1		3	2	2	3	7	8	7	7	4	7	121
Monday	4	5	2	1			2				1			1	1	5		3	2	3	6	1	3	2	42
Tuesday	3	2	3	1		2	1	2	1	2	2	3		3		1	5	4	4	4	4	7	6	4	64
Wednesday	2		2	1	2						2			1		5		3	1	1	4	2	3	6	35
Thursday	5	6	4		1	1		2		2	1	1	1	4	3	4	1	5	2	6	2	9	1	5	66
Friday	10	10	5	3		1	1			1		1	1		1	1	2	5	6	8	9	6	4	19	94
Saturday	14	17	7	4	5	5	3			1	1	6	3	2	3	7	5	9	5	15	4	11	10	9	146
Total	51	62	34	20	15	11	7	6	1	6	8	13	6	11	11	25	15	32	27	45	36	43	31	52	568

XX Impaired Driving Fatalities and Serious Injuries during Day of Week and Hour of Day

Lower Frequency Higher Frequency

When?

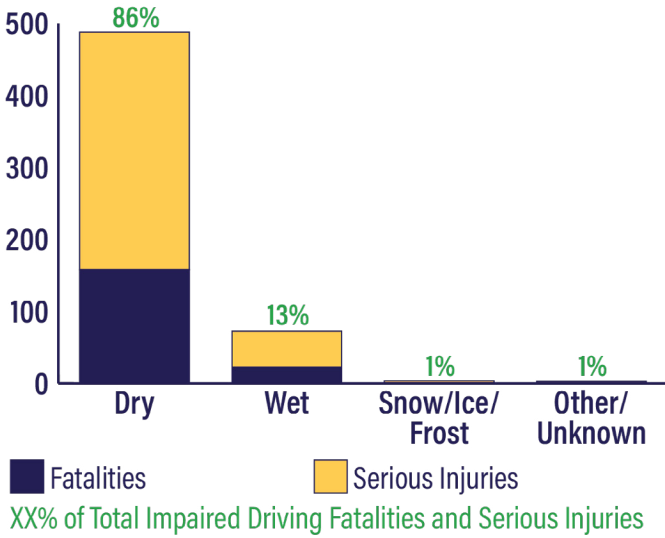


2015 to 2019 Impaired Driving Fatalities & Serious Injuries

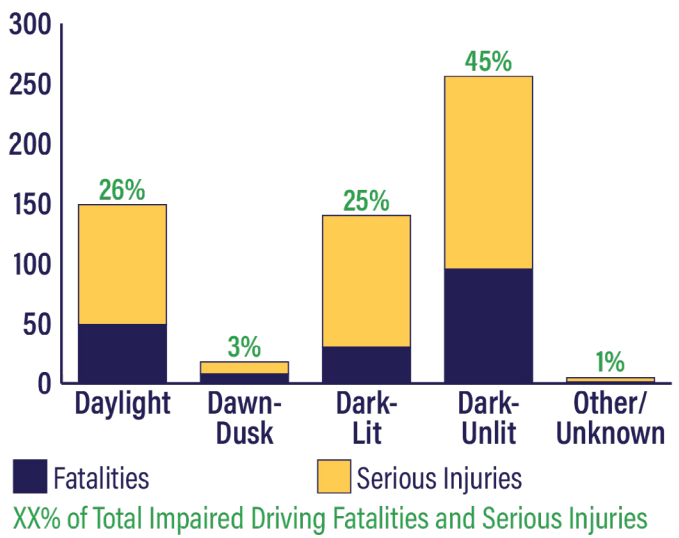
- 69% were male
- 64% occurred on a Friday, Saturday, or Sunday
- 59% occurred in urban areas
- 53% occurred along collector or local roadways
- 53% were impaired persons
- 45% occurred during dark (unlit) conditions
- 42% occurred in New Castle County
- 42% occurred from 7 PM to 3 AM on a Friday, Saturday, or Sunday
- 39% occurred in roadway departure crashes
- 29% were 20 to 29 years old
- 20% occurred on principal arterials
- 18% occurred on rural collector/local roads during dark (unlit) conditions



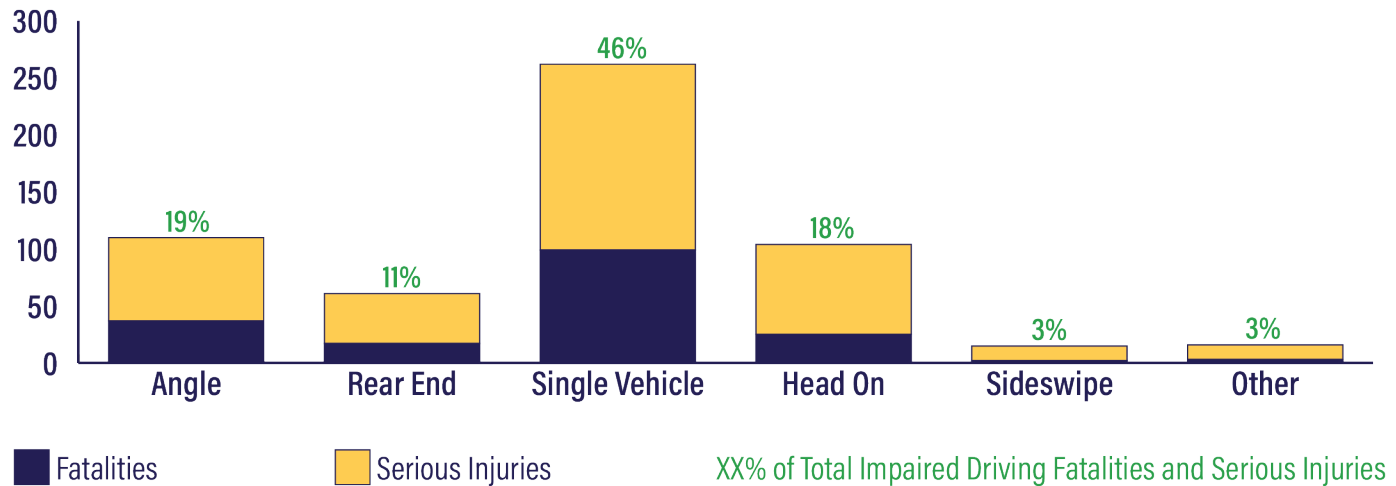
Surface Condition



Lighting Condition



Manner of Impact



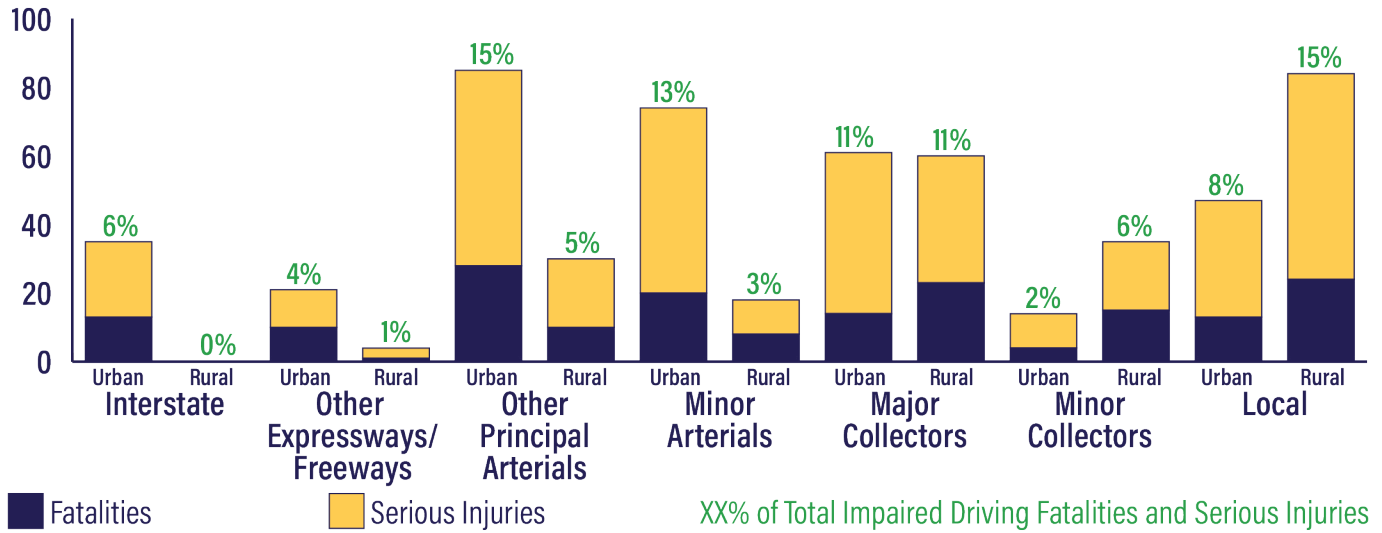
Impaired Drivers in 2015-2019 Fatal and Serious Injury Crashes

- 87% of impaired drivers were Delaware Residents
- 78% of impaired drivers were male
- 54% of impaired drivers were 20 to 39 years old
- 45% of impaired drivers were seriously injured
- 29% of impaired drivers were fatally injured
- 20% of impaired drivers were drug-impaired

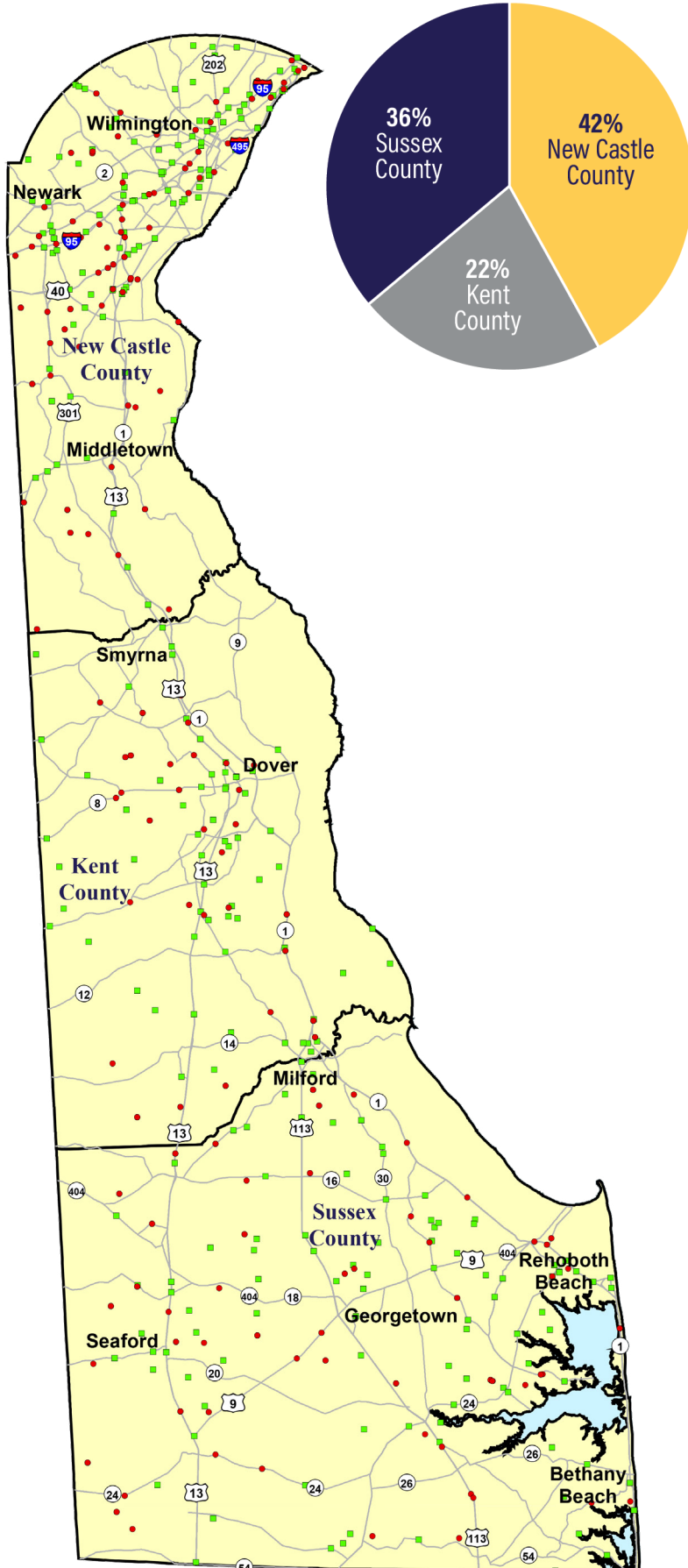


**DRIVE SOBER
ARRIVE ALIVE DE**

Roadway Functional Classification



Where?



Each symbol represents a crash location. Multiple crashes may have occurred at or near the same location; therefore, symbols may overlap. Additionally, multiple fatalities and/or serious injuries may have resulted from a single crash.

- Fatality
- Serious Injury

Emphasis Area Strategies: Impaired Driving



Strategy 1: Develop and distribute consistent public information messages to increase public awareness of the laws and dangers of impaired driving.

- 1.1 Develop programs that utilize multi-component interventions that combine programs and policies to reduce impaired driving.
- 1.2 Expand drug impaired outreach campaigns.
- 1.3 Promote the use of and develop programs for ride sharing services focusing on areas where impaired driving may be concentrated.
- 1.4 Encourage the use of ride sharing services prior to consumption to minimize the enticement of personal vehicle use once impaired.
- 1.5 Partner with stakeholders to distribute educational resources to promote the dangers of impaired driving.
- 1.6 Expand Department of Education efforts to demonstrate the dangers of impaired driving to students.



Strategy 2: Strengthen impaired driving enforcement programs.

- 2.1 Strengthen efforts to increase compliance, enforcement, and adjudication of impaired driving laws.
- 2.2 Conduct targeted high-visibility enforcement campaigns, such as DUI checkpoints.
- 2.3 Increase location-based enforcement efforts based on robust data analysis.
- 2.4 Conduct outreach and training to educate owners/servers of alcohol establishments regarding the dangers of over-serving alcohol and identifying impaired persons.
- 2.5 Encourage law enforcement to train all staff in impaired driving enforcement best practices, including an expansion of the Drug Recognition Expert program.
- 2.6 Increase risk perception by publicizing information about enforcement initiatives.
- 2.7 Investigate and evaluate technologies and best practices to support impaired driving enforcement.



Strategy 3: Install proven engineering treatments to mitigate the consequences of impaired driving.

- 3.1 Prioritize corridors to provide enhanced nighttime visibility.
- 3.2 Update DelDOT's standard specifications and the Delaware MUTCD to further implement enhanced pavement markings and retroreflectivity on roadways.
- 3.3 Install roadway lighting to address nighttime crashes and investigate the effectiveness of a systemic roadway lighting program.
- 3.4 Partner with Delaware Transit Corporation to investigate and evaluate enhanced transit services including trolley services.

Emphasis Area Strategies: Impaired Driving



Strategy 4: Improve data collection and monitoring of impaired driving trends.

- 4.1 Develop policies and procedures to improve data sharing between the Impaired Driving Report and crash reports so that crash reports are updated with information related to impairment status and test results, especially for drug-impaired related crashes.

- 4.2 Improve the collection, processing, and reporting of data related to drug testing and support Division of Forensics with additional resources.

- 4.3 Partner with Delaware Alcohol and Tobacco Enforcement (DATE) and NHTSA to expand DATE records management system related to alcohol enforcement.