

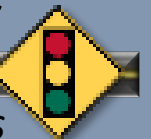
EDUCATION & ENFORCEMENT

How Pennsylvania is addressing
crashes, injuries, and fatalities.

Presented by:
Barbara Zortman, Director
Center for Traffic Safety

CENTER FOR TRAFFIC SAFETY

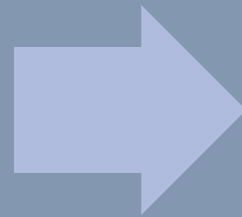
Safe Driving Saves Lives



COMMUNITY TRAFFIC SAFETY PROJECT

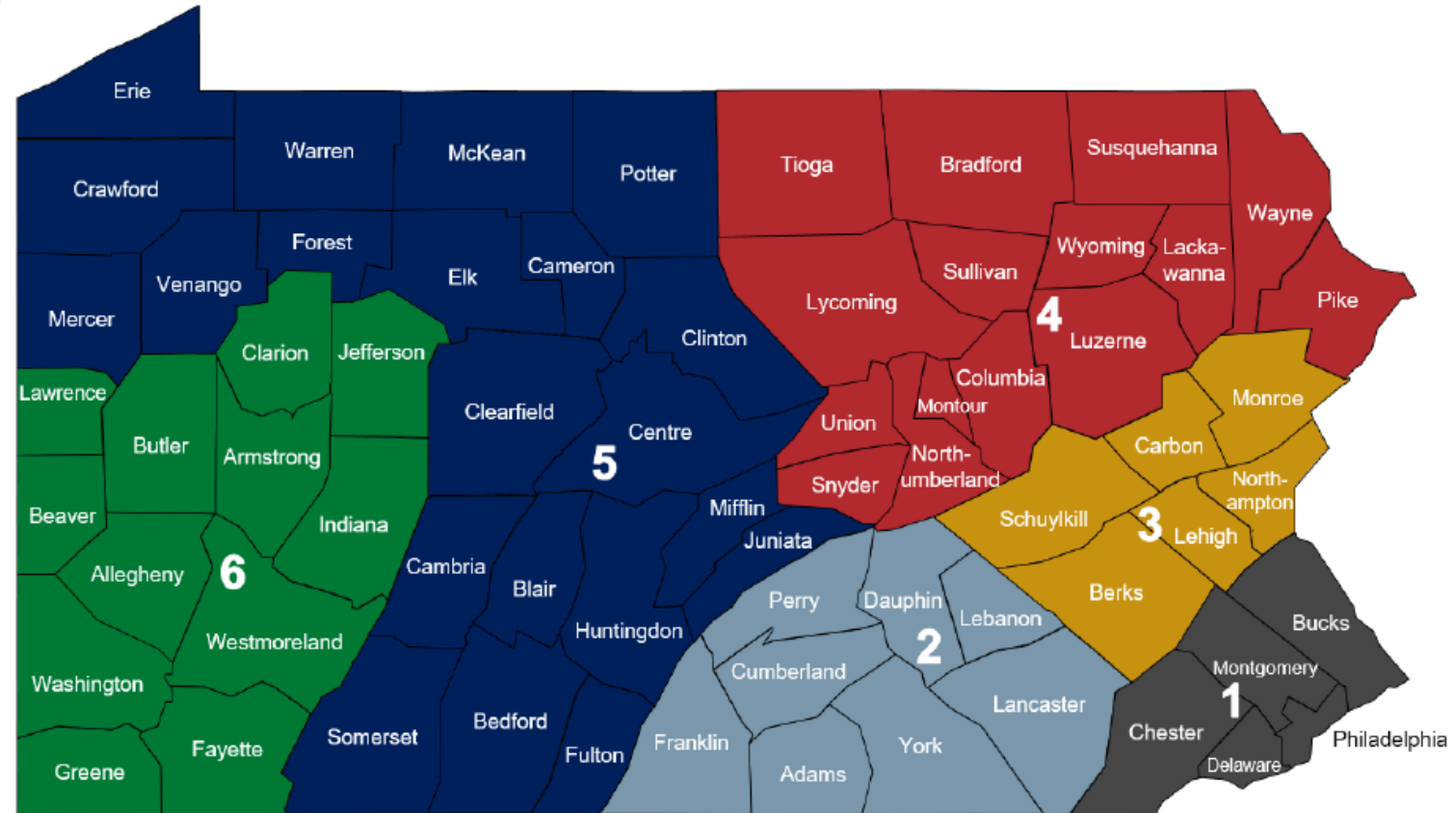
POLICE TRAFFIC SERVICES

The PA Department of Transportation disburses federal highway safety grant funding provided by the National Highway Traffic Safety Administration.



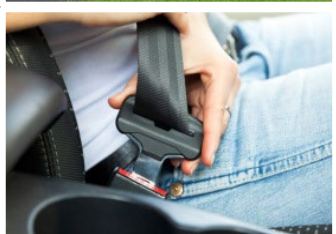
Grants are awarded on a regional/local level.

- Region 1 – District 6
- Region 2 – District 8
- Region 3 – District 5
- Region 4 – Districts 3, 4
- Region 5 – Districts 1, 2, 9
- Region 6 – Districts 10, 11, 12



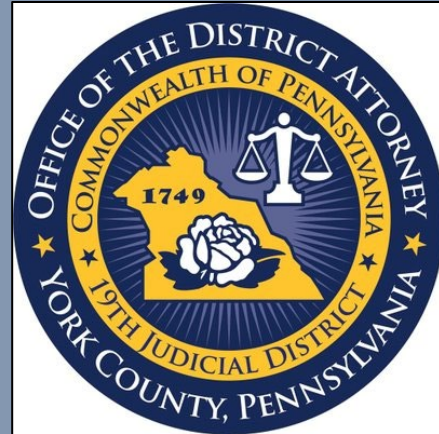
CTSP SAFETY FOCUS AREAS

- Aggressive Driving
- Bicycle Safety
- Child Passenger Safety
- Commercial Motor Vehicle
- Distracted Driving
- Impaired Driving
- Mature Driver
- Motorcycle
- Pedestrian
- School Bus
- Seat Belts
- Teen Driver
- Work Zone



ADDITIONAL SAFETY FOCUS AREAS

- Judicial Outreach
- Prosecutorial Outreach
- Law Enforcement Outreach/Trainings
- Unplanned: i.e. Amish Community



PROBLEM IDENTIFICATION

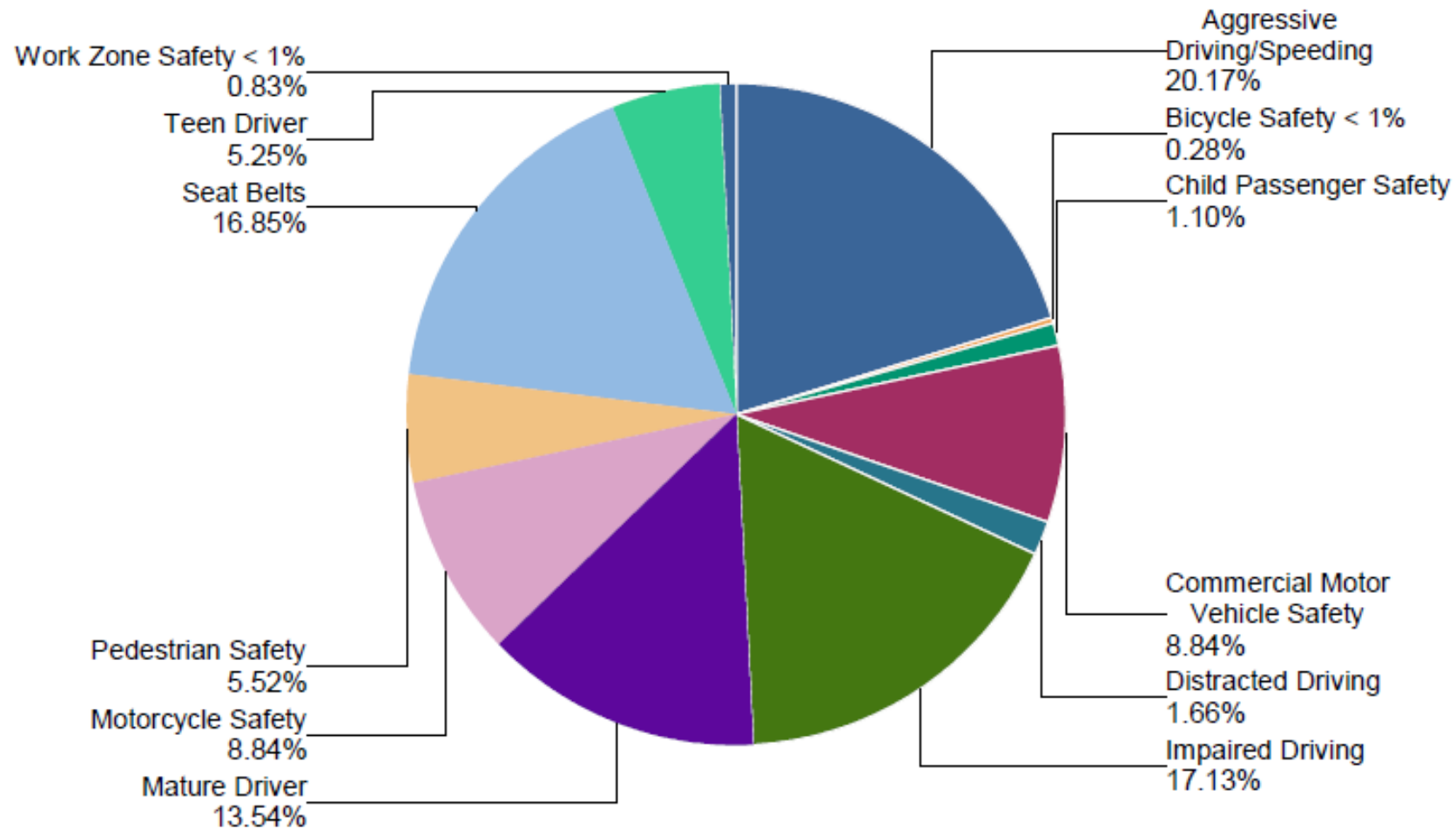
Focus areas are data-driven.

- Pennsylvania Crash Information Tool.
- 5-year trends are critical to determine if we continue with established initiatives or develop new strategies.
- Used by each grantee to determine SFA rank.
- We consider exponential changes in demographics, and other possible factors affecting data.
- PA Strategic Highway Safety Plan.



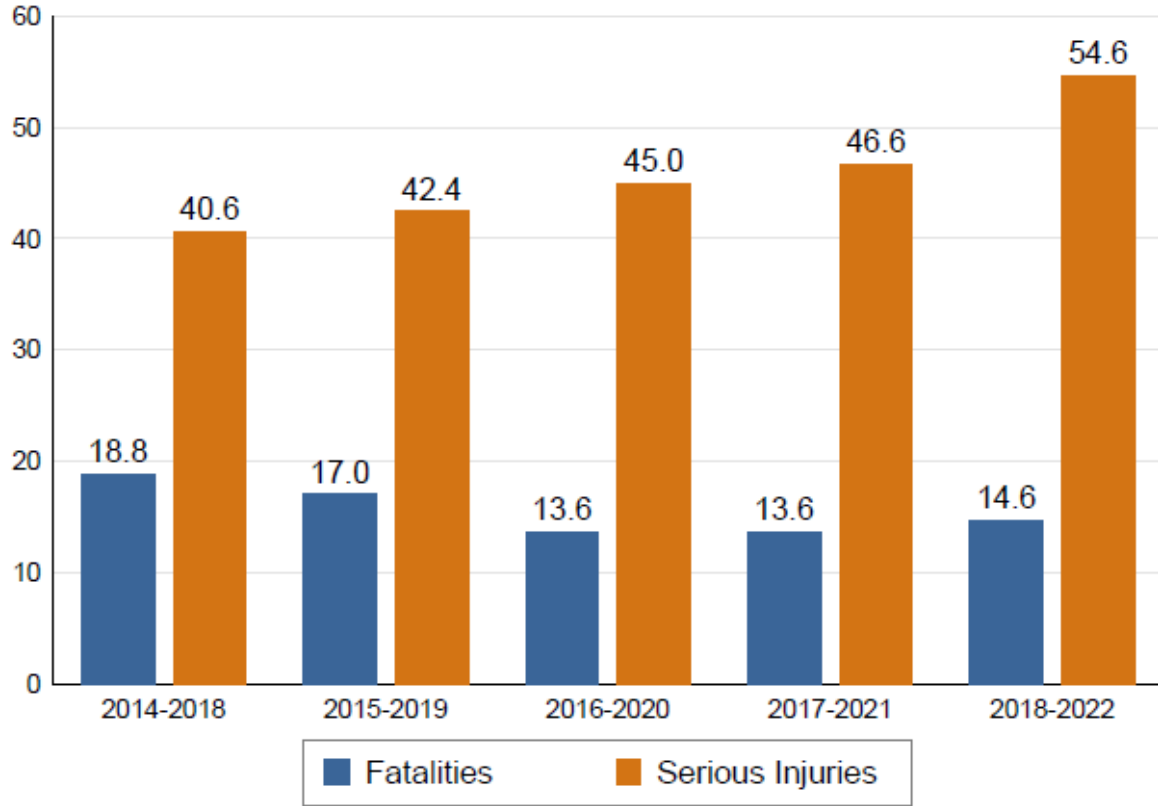
County : York

York Pie Chart (5-Year Avg Fatalities) 2018-2022

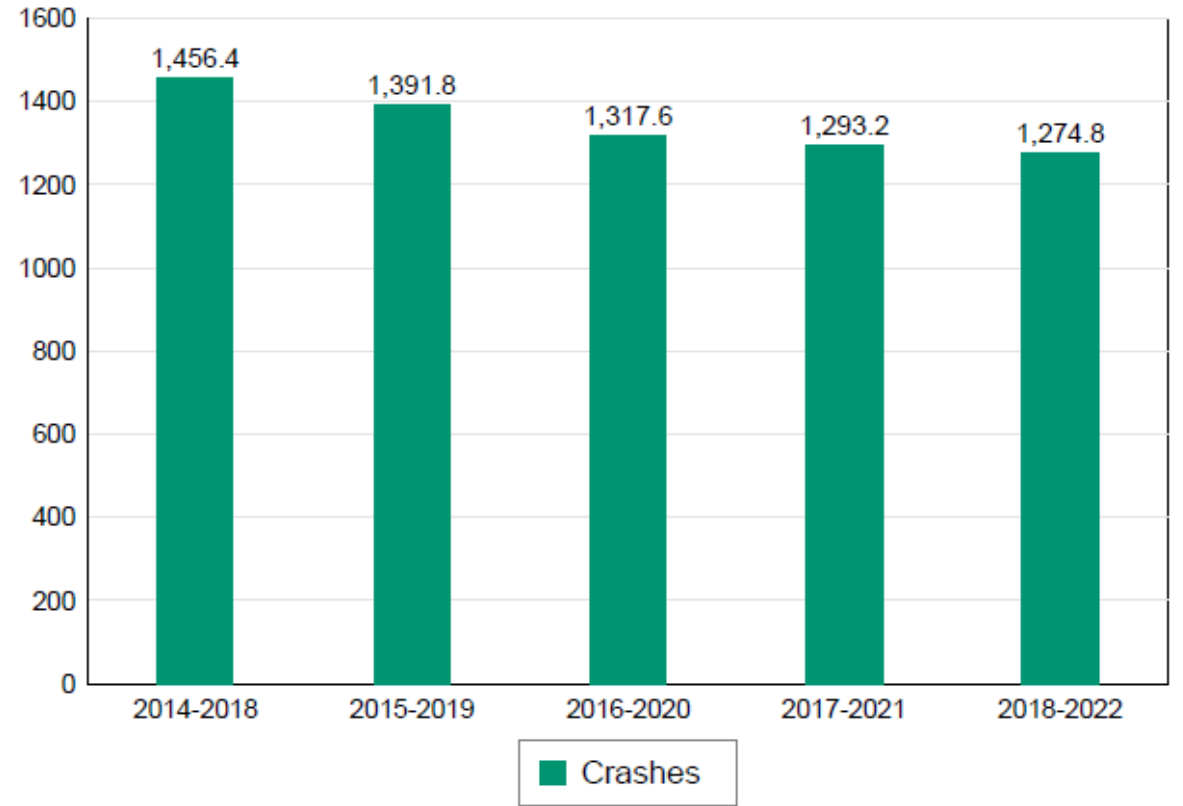


SFA : Aggressive Driving/Speeding

York, Aggressive Driving/Speeding Chart 1 (5-Year Avg Fatalities and Serious Injuries)



York, Aggressive Driving/Speeding Chart 2 (5-Year Avg Crashes)



CENTER FOR TRAFFIC SAFETY TOP SEVEN SAFETY FOCUS AREAS

Based on PennDOT Proposal Builder Tool 2018-2022

ADAMS	LANCASTER	LEBANON	YORK
Aggressive Driving/Speeding	Aggressive Driving/Speeding	Aggressive Driving/Speeding	Aggressive Driving/Speeding
Seat Belts	Impaired Driving	Mature Driver	Impaired Driving
Impaired Driving	Seat Belts	Commercial Motor Vehicle	Seat Belts
Mature Driver	Mature Driver	Seat Belts	Mature Driver
Teen Driver	Commercial Motor Vehicle	Impaired Driving	Commercial Motor Vehicle
Motorcycle Safety	Teen Driver	Motorcycle Safety	Motorcycle Safety
Pedestrian Safety	Motorcycle Safety	Pedestrian Safety	Pedestrian Safety
REMAINING FOCUS AREAS			
Commercial Motor Vehicle	Pedestrian Safety	Teen Driver	Teen Driver
Distracted Driving	Distracted Driving	Distracted Driving	Distracted Driving
Child Passenger Safety	Bicycle Safety	Child Passenger Safety	Child Passenger Safety
Work Zone	Child Passenger Safety	Bicycle Safety	Work Zone
Bicycle Safety	Work Zone	Work Zone	Bicycle Safety

YORK COUNTY

TOP SEVEN SAFETY FOCUS AREAS

Based on PennDOT Proposal Builder Tool 2018-2022

SAFETY FOCUS AREAS	% OF FATALITIES	REVIEW OF CRASH TREND AVERAGES
Aggressive Driving/Speeding	20.17	Steady decrease, still significant #s: 2014-18 (1456.4); 2018-22 (1274.8)
Impaired Driving	17.13	Consistent concern; 2014-18 (482.6); 2018-22 (466.6)
Seat Belts	16.85	Steady decrease, still significant #s: 2014-18 (395.2); 2018-22 (331.4)
Mature Driver	13.54	Consistent concern: 2014-18 (784.0); 2018-22 (777.8)
Commercial Motor Vehicle	8.84	Consistent concern: 2014-18 (267.4); 2018-22 (280.8)
Motorcycle Safety	8.84	Consistent concern: 2014-18 (148.2); 2018-22 (152.2)
Pedestrian Safety	5.52	Slowly decreasing; 2014-18 (92.4); 2018-22 (80.2)
REMAINING FOCUS AREAS		
Teen Driver	5.25	Steady decrease; 2014-18 (1043.2); 2018-22 (961.0)
Distracted Driving	1.66	Steady decrease; 2014-18 (555.0); 2018-22 (465.6)
Child Passenger Safety	1.10	Steady decrease; 2014-18 (330.4); 2018-22 (267.0)
Work Zone	.83	Fluctuated 2014-18 (57.4); 2018-22 (56.2) Spiked 2015-21 (69.0-68.0)
Bicycle Safety	.28	Maintained but no significant increase; 2014-18 (27.6); 2018-22 (28.2)

Reporting Tools



Featured Reports

These reports display crash data for commonly requested highway safety categories. Reports may be filtered by year and various other fields. Data displays in table format. Bar and line charts are available. Users may also download or save tables and charts.



Custom Query Tool

This search tool allows users to retrieve data based on criteria they specify. The data, displayed in table or map format, represents the number of crashes, people involved, or vehicles involved. Data can be filtered by Month and Year, County/Municipality, and by various crash characteristics.



Public Crash Databases

This set of raw crash data is made available to researchers and the general public who wish to analyze the details of each crash record. The following link sends you to the crash category page of PennDOT's GIS Open Data Portal.

Crash Downloads



Facts Book

This is an annual statistical crash review compiled from reportable crash reports in Pennsylvania. It is broken out into various topics and contains the crash data that is most commonly requested of PennDOT. You can also see [past years of Facts Books](#).



Reportable Crash Statistics

This is a multi-year statistical review of reportable motor vehicle crashes in Pennsylvania. The report is in MS Excel format and contains statewide and county tabs. The row descriptions are commonly requested highway safety categories.



Reportable Crash Fatality Statistics

This is a multi-year statistical review of fatalities occurring in reportable motor vehicle crashes in Pennsylvania. The report is in MS Excel format and contains statewide and county tabs. The row descriptions are commonly requested highway safety categories.



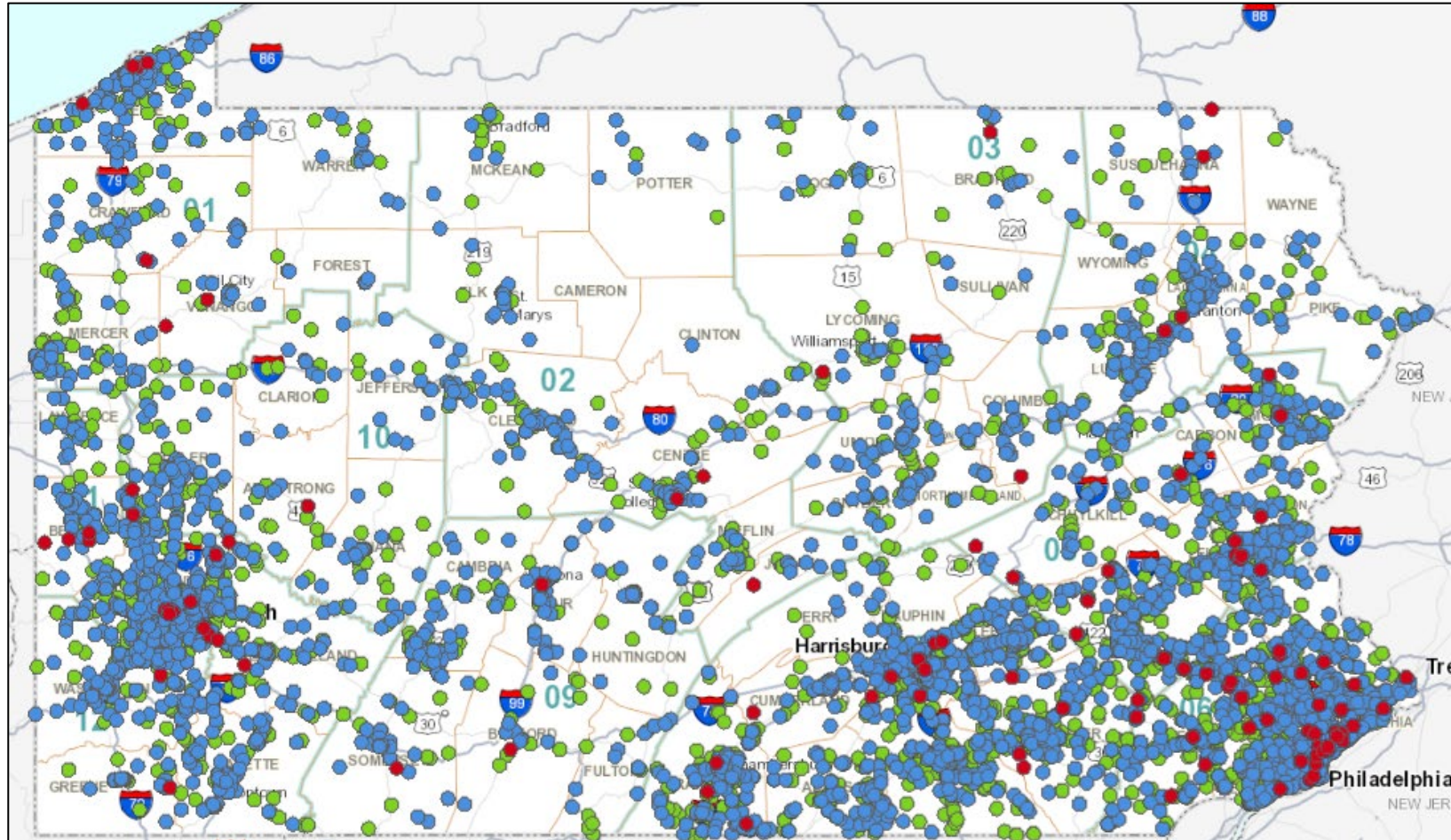
Reportable Crash Suspected Serious Injury Statistics

This is a multi-year statistical review of suspected serious injuries occurring in reportable motor vehicle crashes in Pennsylvania. The report is in MS Excel

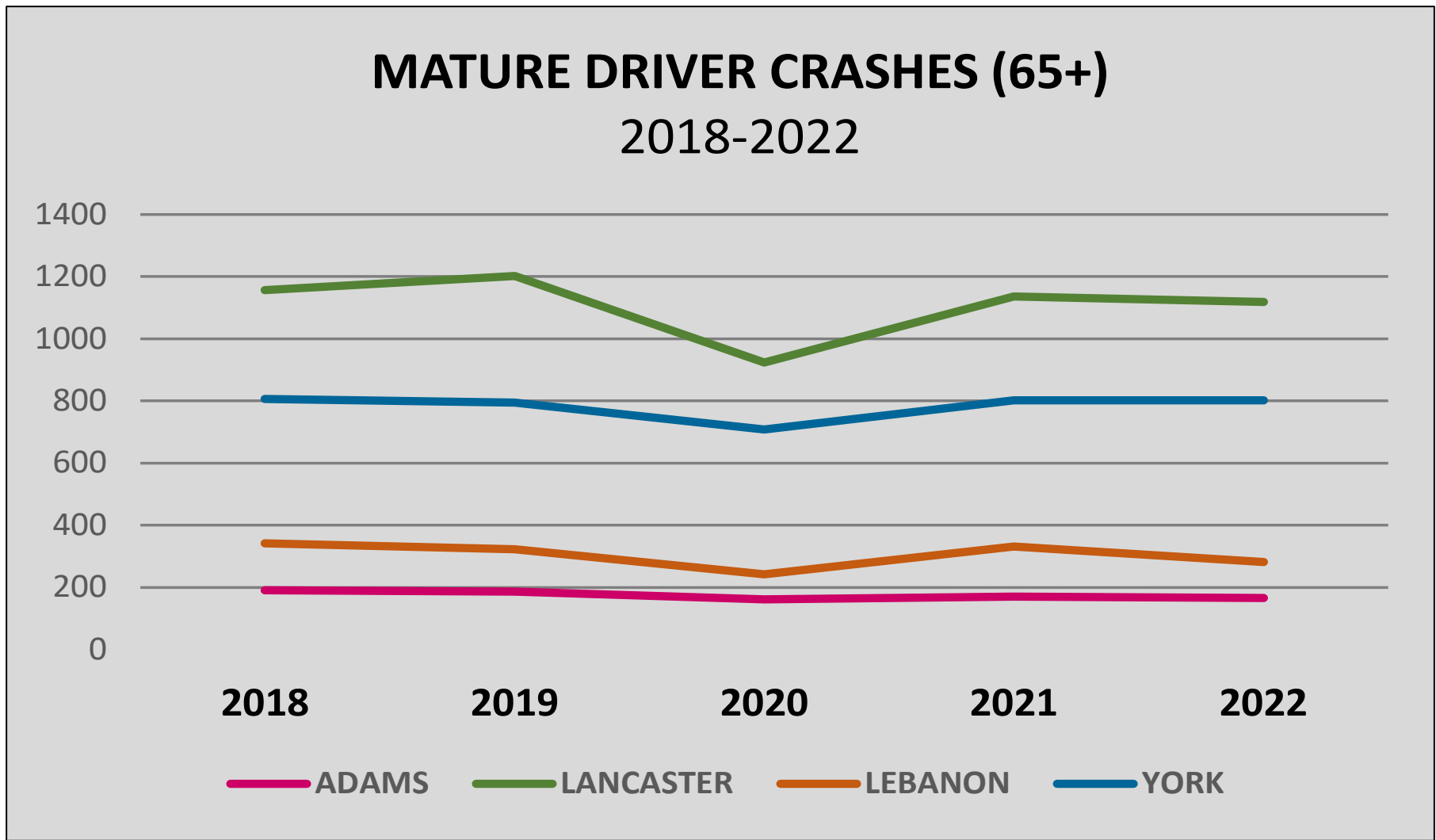
AGGRESSIVE DRIVING

1/1 – 12/31/22

(7,355)



	2018	2019	2020	2021	2022
ADAMS	191	186	161	170	165
LANCASTER	1157	1202	923	1136	1118
LEBANON	342	323	242	331	281
YORK	806	794	708	802	802



MERGING RESOURCES

- Education
- Enforcement
- Media



PTS SAFETY FOCUS AREAS

- Aggressive Driving
- Impaired Driving
- Occupant Protection
- Pedestrian Safety

HIGH VISIBILITY ENFORCEMENT



BEHAVIOR MODIFICATION

- The goal of high visibility enforcement is to modify risk taking behavior by providing the public with the perception that it will never know exactly when/where enforcement is occurring.
- No specifics are given. Time frames, yes. Details, no.



PROBLEM IDENTIFICATION

Focus areas are data-driven.

- Funding is divided into individual silos.
- Law enforcement agency (LEA) budgets are determined through crash data per jurisdiction.
- Latitude for data that the LEA can provide; i.e., non-reportable crashes and citations.
- LEAs focus on problem roadways.





PCIT

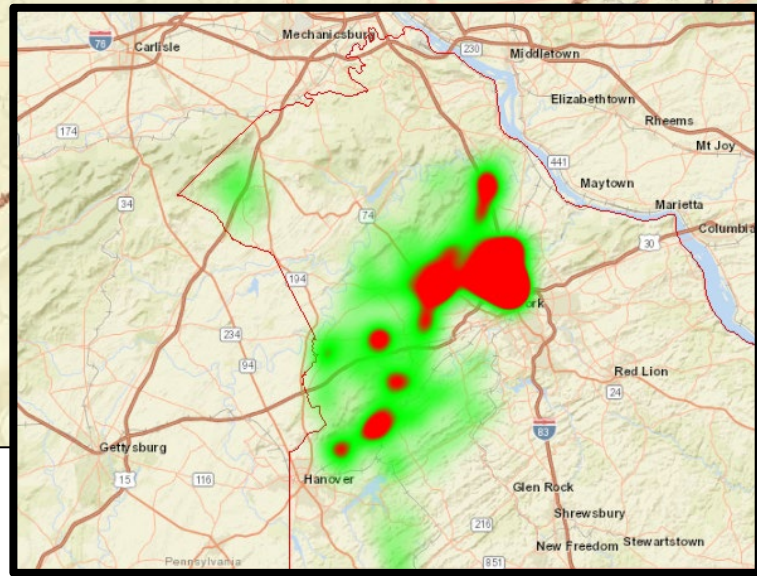
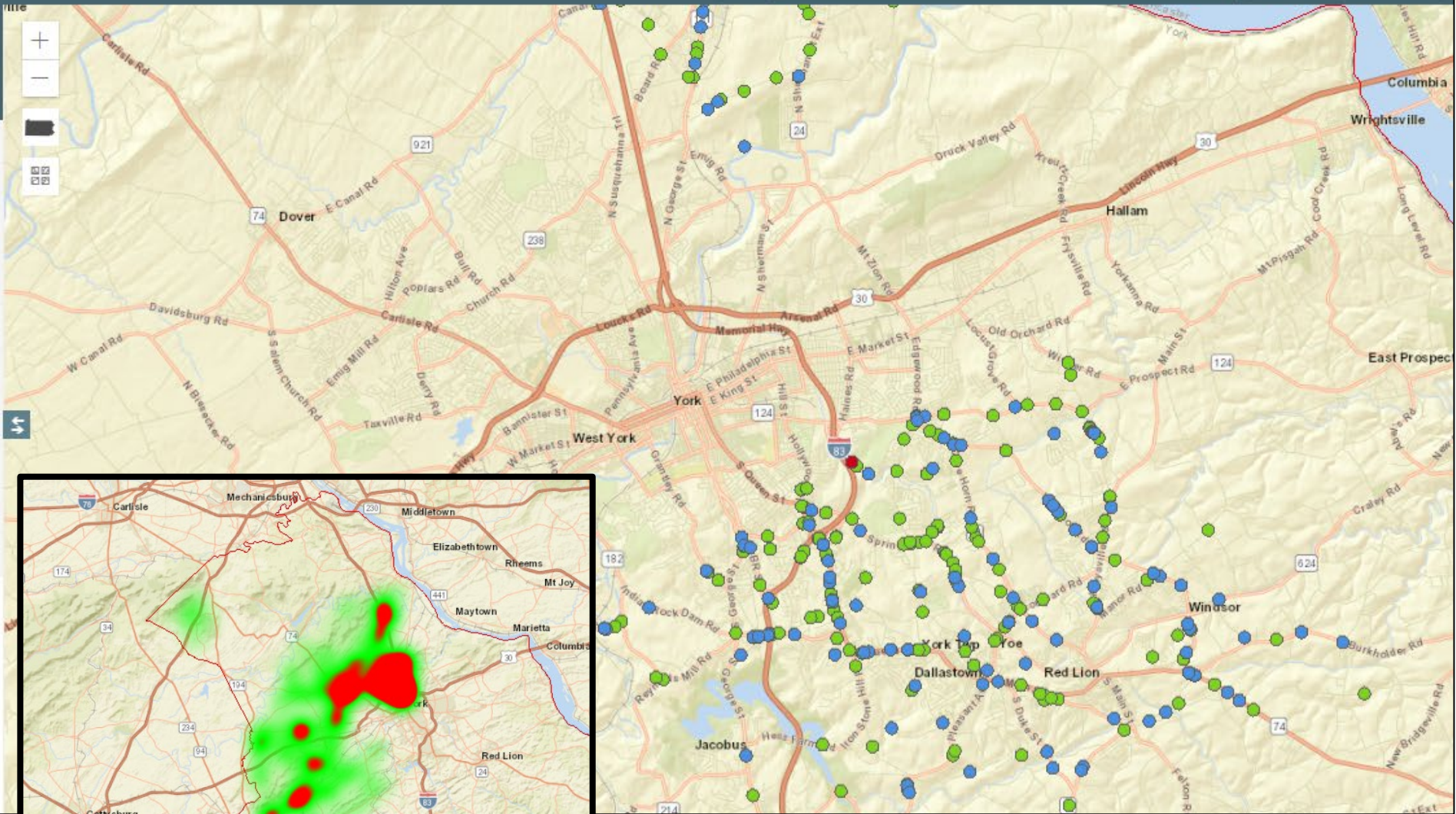
Point Map

Tooltip Identify

- Multiple Crashes
- Fatal Crashes
- Injury Crashes
- Suspected Serious Injury
- Suspected Minor Injury
- Possible Injury
- Injury Unknown Severity Crashes
- Unknown Crashes
- Property Damage Only
- Counties

Enter search here...

Layers Tools

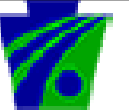


Query Summary for effective enforcement

Date Range: 01/01/2019 to 12/05/2023

Area of Interest: York

USER ID: b-bzorin



See Page 2 for specific query criteria



MONTH OF YEAR

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
CRASHES	37	29	32	32	30	26	30	22	20	43	27	38	366
PCT	10%	8%	9%	9%	8%	7%	8%	6%	5%	12%	7%	10%	100%

DAY OF WEEK

	SUN	MON	TUE	WED	THR	FRI	SAT	TOTAL
CRASHES	36	53	45	54	52	72	54	366
PCT	10%	14%	12%	15%	14%	20%	15%	100%

HOUR OF DAY

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
CRASHES	4	5	6	7	4	14	14	16	27	13	19	20	18	28	28	25	22	19	17	16	9	9	15	11	366
PCT	1%	1%	2%	2%	1%	4%	4%	4%	7%	4%	5%	5%	5%	8%	8%	7%	6%	5%	5%	4%	2%	2%	4%	3%	100%

YEAR

	CRASHES	PCT
2019	85	23%
2020	80	22%
2021	85	23%
2022	74	20%
2023	42	11%
TOTAL	366	100%

CRASH SEVERITY LEVEL

	CRASHES	PCT
FATAL	2	1%
SUSP SERIOUS	7	2%
SUSP MINOR	69	19%
POSSIBLE INJURY	31	8%
UNK SEVERITY	7	2%
UNK IF INJURED	11	3%
PDO	239	65%
TOTAL	366	100%

COUNTY

	CRASHES	PCT
YORK	366	100%
TOTAL	366	100%

SAFETY FOCUS AREA

	CRASHES	PCT
Aggressive/Speeding Driver	366	100%
TOTAL	366	100%

Mobilization Calendar

Impaired Driving Campaign - Halloween	10/23/23 – 10/31/23
CIOT- Thanksgiving Enforcement Mobilization	11/20/23 – 11/26/23
Impaired Driving Campaign - Holiday Season	11/22/23 – 01/01/24
Impaired Driving Campaign - Super Bowl	02/07/24 – 02/11/24
Aggressive Driving Wave #1	02/12/24 – 02/29/24
Impaired Driving Campaign - St. Patrick's Day	03/08/24 – 03/17/24
Aggressive Driving Wave #2	03/18/24 – 04/28/24
Pedestrian Enforcement Wave #1	04/29/24 – 05/12/24
CIOT - National Enforcement Mobilization	05/13/24 – 06/02/24
CIOT – Teen Mobilization – 100 Deadliest Days	06/03/24 – 06/15/24
Impaired Driving Campaign - July 4 th	06/17/24 – 07/07/24
Pedestrian Enforcement Wave #2 – July 4 th	07/01/24 – 07/07/24
Aggressive Driving Wave #3	07/08/24 – 08/18/24
Pedestrian Enforcement Wave #3 – Back to School	08/19/24 – 09/14/24
Impaired Driving Campaign – Labor Day	08/14/24 – 09/02/24
CIOT - Child Passenger Safety Campaign	09/08/24 – 09/21/24

Combining ENFORCEMENT EDUCATION MEDIA



We're Going Live!

**Wednesday, March 29
@ 10:00 a.m.**

Join us as York City
Police Department
announces plans to
increase enforcement
around school buses.

CENTER FOR TRAFFIC SAFETY 



AGGRESSIVE DRIVING IS SELFISH DRIVING.

You are not alone on the road.

This driver was speeding.

He reduced his stopping distance and his reaction time.

What did he gain?

Slow Down. Save a Life.



AGGRESSIVE DRIVING IS SELFISH DRIVING.

You are not alone on the road.

Stop signs are for everyone.

CENTER FOR TRAFFIC SAFETY



Driver failed to obey the stop sign.



Bicyclist failed to obey the stop sign.



AGGRESSIVE DRIVING IS SELFISH DRIVING.

You are not alone on the road.

This is what happened when
one driver ran a red light.

Stop for red lights!



AGGRESSIVE DRIVING IS SELFISH DRIVING.

You are not alone on the road.

Communication with
other vehicles is crucial.

Use your turn signals!

CENTER FOR TRAFFIC SAFETY



QUESTIONS

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