



2021

SAFEKY

Highway Safety Plan and Strategies

Kentucky Office of
Highway Safety

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COMMONWEALTH OF KENTUCKY

HIGHWAY SAFETY PLAN

Fiscal Year 2021

October 1, 2020 through September 30, 2021

Prepared for:

THE UNITED STATES DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

&

Federal Highway Administration

Prepared by:

Kentucky Transportation Cabinet
Kentucky Office of Highway Safety
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INTRODUCTION

STATE DEMOGRAPHIC PROFILE

Kentucky is geographically located in the upper Southeast region of the United States, and bordered by Missouri, Illinois, Indiana, Ohio, West Virginia, Virginia, and Tennessee. The U.S. Census estimates the 2019 population of Kentucky at 4,467,673, residing in an area over 39,486 square miles and 120 counties. Approximately 97% of Kentucky’s land area is classified as rural, but about 58% of the population lives in urbanized areas. There are approximately 80,000 miles of public roads in Kentucky, and of those, 35% are maintained by the state. In 2019, there were approximately 3,940,062 actively registered vehicles and 3.1 million licensed drivers.

 Population estimates, July 1, 2019, (V2019)	4,467,673
 PEOPLE	
Population	
 Population estimates, July 1, 2019, (V2019)	4,467,673
 Population estimates base, April 1, 2010, (V2019)	4,339,333
 Population, percent change - April 1, 2010 (estimates base) to July 1, 2019	3.0%
 Population, Census, April 1, 2010	4,339,367
Age and Sex	
 Persons under 5 years, percent	 6.2%
 Persons under 18 years, percent	 22.6%
 Persons 65 years and over, percent	 16.4%
 Female persons, percent	 50.7%
Race and Hispanic Origin	
 White alone, percent	 87.6%
 Black or African American alone, percent (a)	 8.4%
 American Indian and Alaska Native alone, percent (a)	 0.3%
 Asian alone, percent (a)	 1.6%
 Native Hawaiian and Other Pacific Islander alone, percent (a)	 0.1%
 Two or More Races, percent	 2.0%
 Hispanic or Latino, percent (b)	 3.8%
 White alone, not Hispanic or Latino, percent	 84.3%

Source: United States Census, Quick Facts, Kentucky

EXECUTIVE SUMMARY

This Highway Safety Plan serves as Kentucky’s application for the State and Community Highway Safety Grant Program (Section 402) and the National Priority Safety Program (Section 405) for the 2021 federal fiscal year beginning on October 1, 2020. This plan provides an outline of investments in highway safety to prevent transportation related serious injuries and deaths by providing an overview of safety data, detailing priority areas, setting goals and performance measures and describing specific projects to prevent the loss of life and injuries resulting from motor vehicle crashes. Partnerships and community participation are critical elements in the success of any highway safety program. This plan includes more than 200 proposed projects to be accomplished with Kentucky highway safety partners including representatives from public health, law enforcement, public universities and media partners. While the nature of the included projects varies, each concentrates on addressing behavioral challenges that lead to crashes and in turn, injuries and fatalities. Kentucky’s primary program areas within the context of NHTSA funding are impaired driving, occupant protection and police traffic services.

FY21 Highway Safety Planned Budget		
NHTSA Funding Source	Description	Amount
FAST ACT 402	NHTSA 402	\$5,564,265.54
FAST ACT 405b	Occupant Protection	\$1,682,659.60
FAST ACT 405c	Traffic Records	\$489,970.37
FAST ACT 405d	Impaired Driving	\$4,046,461.00
FAST ACT 405e	Special Distracted Driving	\$200,000.00
FAST ACT 405f	Motorcycle Safety Programs	\$85,000.00
TOTAL		\$12,068,356.51

In February of 2020, Jim Gray, the Secretary of the Transportation Cabinet was appointed as the Governor’s Representative for Highway Safety in Kentucky. The Office of Highway Safety resides in the Department of Highways, within the Transportation Cabinet. The federal Highway Safety Program in Kentucky is administered within the Office of Highway Safety by the Division of Highway Safety Programs.

Mission Statement

The mission statement and focus areas for the KYTC and the Department of Highways is shown below.

MISSION

To provide a safe, efficient, environmentally sound and fiscally responsible transportation system that delivers economic opportunity and enhances the quality of life in Kentucky.

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OUR FOCUS

Safety Communication Teamwork Efficiency Innovation

KENTUCKY TRANSPORTATION CABINET

The mission and vision for the Office of Highway Safety within the Transportation Cabinet are shown below. These are reflected in SAFEKY – Kentucky’s 2020-2024 Strategic Highway Safety Plan.

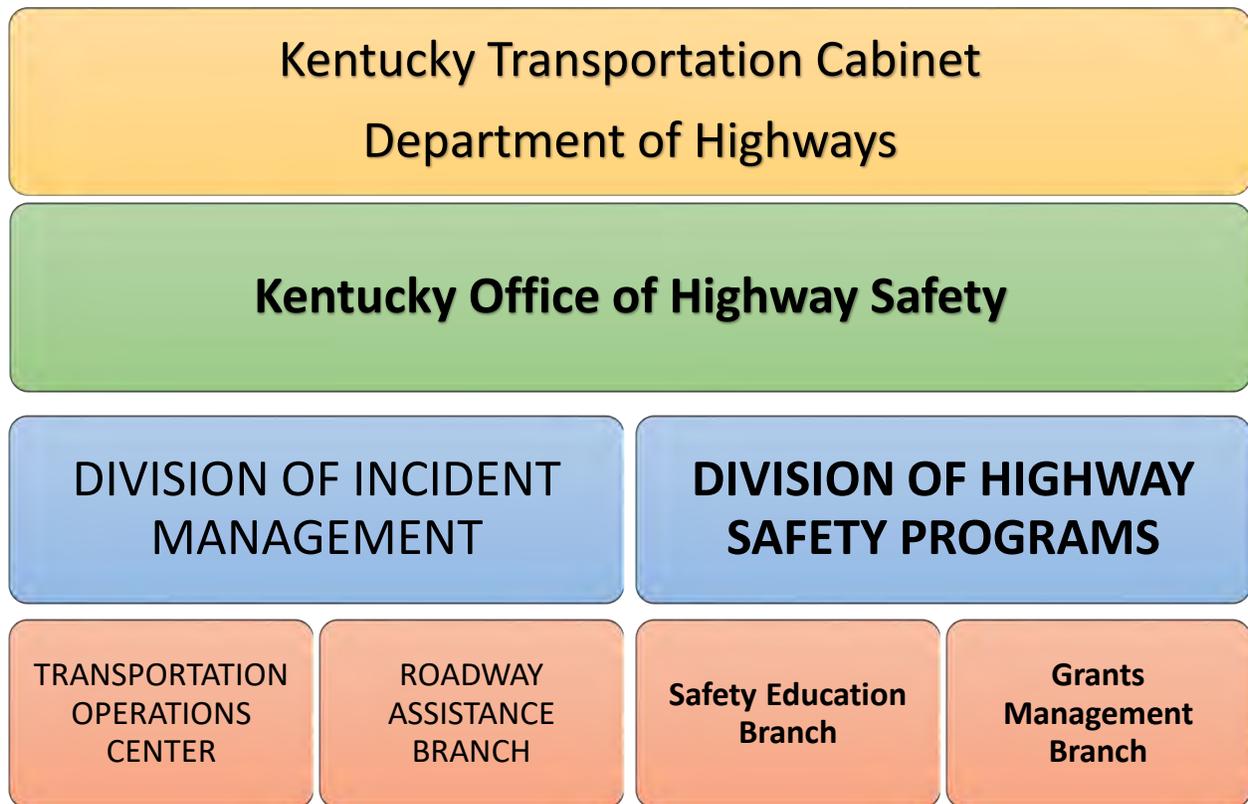
Mission:

To enhance the lives of those who use Kentucky’s transportation system by preventing crashes that result in deaths and serious injuries.

Vision:

Through the coordinated and bold efforts of all stakeholders, improve highway safety in Kentucky such that those travelling on roads in the Commonwealth – every person, every trip - arrive at their destination unharmed.

ORGANIZATIONAL CHART



The Kentucky Office of Highway Safety has two divisions housed within the office. The Division of Highway Safety Programs consists of the Grants Management Branch, which is responsible for NHTSA programs and the Safety Education Branch, which is responsible for community outreach programs and data analysis. The Division of Incident Management is responsible for planning, communications and operations in response to incidents and infrastructure related emergencies across the Commonwealth of Kentucky.

HIGHWAY SAFETY PLANNING PROCESS

CRASH DATA COLLECTION AND ANALYSIS

Identification of traffic-related challenges on the statewide level is key to the development of the annual Highway Safety Plan. All Kentucky crash data originate from the CRASH (Collision Report Analysis for Safer Highways) database, which is maintained by the Kentucky State Police. All law enforcement agencies in Kentucky are required to submit uniform reports of any injury, fatal, or property damage crash that renders a vehicle inoperable to the Kentucky State Police's Records Branch.

Through a cooperative agreement with the Kentucky State Police, the Kentucky Office of Highway Safety (KOHS) has access to certain data from the CRASH database to use as the basis for its data analysis. The KOHS Traffic Records Coordinator is able to provide this information to the departments within the Transportation Cabinet, as well as responding to queries by law enforcement, consultants, the Governor's Executive Committee on Highway Safety, the public, and others. With its analytical tools and mapping capabilities, the Office of Highway Safety is able to conduct highway safety problem identification for the purpose of establishing program and funding priorities.

The Traffic Records Coordinator annually updates a matrix to evaluate data from Kentucky's 120 counties. This matrix utilizes data from the most recent three-year period (2016-2018) to establish a ranking system for highway safety problems by county, so that priority areas can more easily be established for reviewing funding proposals and for program delivery. This problem identification tool (included in the Appendix) tabulates data from each of the following data factors for each county:

- Estimated Population
- Number of Total Crashes
- Number of Fatalities
- Number of Incapacitating Injuries
- Fatality Rate per 100M VMT
- Number of Impaired Driving Collisions
- Percent of Unbelted Fatalities
- Number of Speeding Collisions
- Number of Commercial Motor Vehicle Collisions
- Number of Motorcycle Collisions.

The matrix spreadsheet is set up to assign a ranking of 1-120 for each county in each of these categories. All of these rankings are combined into an overall ranking as well. Fatalities and incapacitating injuries were given more weight in determining the overall ranking. Counties with the lowest overall numerical rank have the greatest number of problems, while counties with the highest numerical rank have the lowest number of problems. For the upcoming year, the KOHS will target highway safety countermeasures in those counties that were ranked in the top 40 overall. The grant review committee is comprised of KOHS staff, Law Enforcement Liaisons and our NHTSA Regional program Manager. The review committee uses this matrix and the identification of priority counties as a tool in reviewing applications for highway safety project funding. Individual factor rankings were consulted to help determine the most suitable program area for particular project proposals. This was especially helpful for evaluating law enforcement proposals, which make up the majority of applications received.

In addition to the data analysis conducted by the Office of Highway Safety, the Kentucky Transportation Center of the University of Kentucky is contracted to conduct an annual review of crash data from the most recently available year, as well as the prior four-year period. The Kentucky Transportation Center uses this data to develop the following documents on an annual basis: [Analysis of Traffic Crash Data in Kentucky](#) and [Kentucky Traffic Collision Facts](#). These documents contain the most comprehensive published collection and analysis of statewide crash data available including who is involved in crashes, what types of crashes, vehicles and roadways involved, where the crashes are taking place, when the crashes are taking place and why the crashes are occurring. The most recent document completed can be found at:

<https://transportation.ky.gov/HighwaySafety/Pages/Resources.aspx>.

Analysis of Traffic Crash Data in Kentucky compiles and analyzes detailed motor vehicle crash data for all Kentucky counties and for cities over 2,500 in population for the most recent five-year period. It also includes relevant data on arrest and conviction data for DUI offenses. Traffic Collision Facts characterizes traffic crashes in a more general manner, presenting information on contributing factors, occurrence by type of vehicle & roadway, age and sex of driver, etc. The Kentucky Transportation Center also conducts the annual statewide safety belt and child restraint usage survey according to NHTSA standards. The results are published each year in a separate research report, Safety Belt Usage Survey in Kentucky. The Office of Highway Safety staff uses all of these documents to gain a better understanding of trends in traffic collisions and to help identify areas of opportunity throughout the state. Demographic data and the most common factors contributing to crashes are also examined to determine the most at-risk populations and behaviors which should be addressed in the Highway Safety Plan.

A formal letter is mailed to every state and local law enforcement agency throughout the state, as well as other organizations involved in highway safety. This letter serves as the official notice of funding availability of highway safety grants for the upcoming federal grant year. The Kentucky Office of Highway Safety selects projects for funding each year following submittal of applications by eligible state and local public agencies and non-profit groups. Law Enforcement Liaisons are instrumental in contacting and encouraging agencies in these high priority areas to apply for grants and assist them with their application. The grant application is made available on the Kentucky Office of Highway Safety's website, along with basic instructions for submission.

Once all applications are received, they are divided among the grant review committee's members to review and note recommendations. This year, the grant review committee met virtual for several days in March to discuss and evaluate all proposals as a group. Grant proposals are evaluated for eligibility, completeness, and the ability of the project to address identified highway safety problems. Other factors are also given consideration, such as whether or not the proposed project is located in a high-priority county, the agency's past participation in highway safety mobilizations, as well as their prior performance as a grantee (if applicable). Project budgets are also evaluated and recommendations made for modification, if necessary. The committee's recommendations are then forwarded to the Governor's Representative for Highway Safety for final approval.

For Fiscal Year 2020, a total of 217 highway safety projects were recommended for funding. Of those projects 168 of those were enforcement projects, 49 were non-enforcement projects to include education, data, child passenger safety or other projects. These projects were reviewed by the Kentucky Office of Highway Safety Grants Review Committee, the Traffic Records Data Committee including a representative from NHTSA and the Head of the Office of Highway Safety. Projects not recommended for funding were due to either ineligibility of the project, non-participation in mandatory highway safety activities, poor performance or limited funding.

The programs and projects are designed to prevent serious injuries and deaths on the Commonwealth's highways. Projects impact identified challenges and support the goals, objectives and strategies identified within our SAFEKY – our 2020 to 2024 Strategic Highway Safety Plan (SHSP). The Kentucky Office of Highway Safety (KOHS) staff holds meetings throughout the fiscal year to plan and coordinate major programs and initiatives in collaboration with the strategies, goals and objectives of the SHSP. This process includes input from partner agencies including those stakeholders who are members of the Governor's Executive Committee on Highway Safety.

The Governor's Executive Committee on Highway Safety (GECHS) is chaired by Kentucky's Governor's Representative for Highway Safety. Other members include professionals from a number of different disciplines that are relevant to highway safety in Kentucky. Representation includes

individuals from the following stakeholders: Kentucky Transportation Cabinet, Kentucky State Police, Kentuckians for Better Transportation, Federal Highway Administration, Federal Motor Carrier Safety Administration, Kentucky Injury Prevention and Research Center, Department of Public Health, Eastern Kentucky University, Office of the Attorney General, University of Kentucky Transportation Center, Kentucky Sheriff's Association, Kentucky Association of Chiefs of Police, Kentucky Board of Emergency Medical Services, Kentucky Office of Insurance, Kentucky Motor Transport Association, Mothers Against Drunk Driving, National Highway Traffic Safety Administration, Kentucky Office of Alcoholic Beverage Control, Kentucky Operation Lifesaver, Kentucky Fire Commission, Kentucky Farm Bureau, AAA, and the Insurance Institute of Kentucky.

As part of the review process, KOHS conducts a risk assessment of the agency and the proposed project. The risk assessment includes such information as the past performance of the agency during previous grants (including claim and reporting timeliness and accuracy), previous participation in GHSP sponsored campaigns and events, tenure of agency head, agency size, agency's current emphasis on highway safety, agency's highway safety enforcement efforts for the three previous years, monitoring results from other Federal agency awards, and any other incidental or anecdotal information that may provide an indication of project success or failure. If a project is funded but deemed a higher than normal risk, KOHS typically will require enhanced reporting and/or monitoring to better track the project progress.

Referenced below are the performance measures for the Kentucky 2020-2024 Strategic Highway Safety Plan. These performance measures include Fatalities, Fatality Rate, Serious Injuries, Serious Injury Rate and Non-Motorized Fatalities & Serious Injuries on a five-year average. These five performance measures are in collaboration with this FY2021 HSP.

Performance Measures

Kentucky's SHSP is a performance-based plan that is consistent with the safety performance measures established by the United States Department of Transportation (USDOT). These safety performance measures use crash fatality and serious injury data to establish a framework for monitoring progress. The annual safety performance measures represent all public roads and are reported as five-year rolling averages for the following measures:

Fatalities	The number of persons killed in crashes on all public roads in a calendar year.
Fatality Rate	The number of persons killed in crashes per 100 million vehicle miles traveled (VMT) in a calendar year.
Serious Injuries	The number of persons seriously injured in crashes on all public roads in a calendar year.
Serious Injury Rate	The number of persons seriously injured in crashes per 100 million VMT in a calendar year.
Non-motorized Fatalities & Serious Injuries	The number of pedestrians and bicyclists killed or seriously injured in crashes involving a motor vehicle on all public roads in a calendar year.

The Kentucky Transportation Cabinet (KYTC) establishes annual targets for each of these five performance measures. Programs and projects across the 4 'E's - Education, EMS, Enforcement, and Engineering - aimed at improving upon these five performance measures are included in the Highway Safety Plan (HSP) and the Highway Safety Improvement Program (HSIP) annual report, both of which fall under the umbrella of this overarching Kentucky SHSP.





Fiscal year 2021 safety targets were recommended by a group comprised of the Office of Highway Safety and the Division of Traffic Operations, HSIP. After analysis and discussion, the group recommended the targets below to the Governor’s Representative Jim Gray, Secretary of the Transportation Cabinet. This year’s targets are as follows 720 Fatalities, 1.50 Fatality Rate and 2,590 Serious Injuries. All of these targets were established including an estimation of the impacts of COVID-19 on the fatalities, serious injuries, and VMT data for 2020.

Problem identification and strategic planning for highway safety is a team approach that includes staff within the Kentucky Office of Highway Safety as well as all stakeholders who are actively involved within the Governor’s Executive Committee on Highway Safety. This committee was established in 2004 to address the epidemic of highway fatalities and injuries occurring on Kentucky’s roadways. The committee is an executive-level, multi-agency group of highway safety advocates from varying

backgrounds who serve with “one voice” on Kentucky highway safety issues. The committee also coordinates the development and implementations of Kentucky’s SHSP, and currently has developed the 2020 – 2024 plan. This plan will build on the success by establishing measurable goals and evaluating them consistently and comprehensively. This plan will serve as an umbrella guide to increase coordination, communication, and cooperation among federal, state, and local agencies, non-profit organizations, and other highway safety advocates. Kentucky has selected six major emphasis areas, identified in the chart below.

Kentucky has selected six Emphasis Areas for the 2020-2024 SHSP:	
 <p>Aggressive Driving <i>Driving behavior characterized by speeding, disregarding traffic control, following too closely, weaving in traffic, failure to yield the right of way, or improper passing.</i></p>	<p>Focus and opportunity guided the selection of the current emphasis areas. To identify and select these areas, data were collected from several sources. First, crash data was used to identify candidate areas by frequency. Next, national sources for effective countermeasures were consulted. Those emphasis areas with more effective countermeasures were given more weight in the selection process. Also considered in the selection process was the likely underrepresentation of crash factors in some areas (drug use and distracted driving). Next, a focus group of Kentucky safety stakeholders was convened to identify strategies in each of four highly ranked emphasis areas. Two additional highly rated emphasis areas were selected as they already have recently developed strategic action plans. One additional area (vulnerable road users) was selected due to the likelihood of future growth in crashes due to demographic and technology change.</p>
 <p>Distracted Driving <i>Driving behavior characterized by cell phone usage, distraction, or inattention.</i></p>	
 <p>Impaired Driving <i>Driving while under the influence of alcohol or drugs.</i></p>	
 <p>Occupant Protection <i>Failure to use seat belt or child restraint while driving or riding in a vehicle.</i></p>	
 <p>Roadway Departure <i>A crash type that results from a vehicle leaving its lane to the left or right.</i></p>	
 <p>Vulnerable Road Users <i>Crashes involving pedestrians, bicycles, motorcycles, electric scooters, or other vehicles besides cars and trucks.</i></p>	

The emphasis areas highlighted in the chart above are supported by strategies and activities within our Highway Safety Performance Plan (HSPP). Strategies within our HSP related to enforcement, education and public awareness support the SHSP. In conjunction with the HSP, these documents will help us achieve our ultimate goal to reduce crashes and deaths on Kentucky’s roadways were zero is not a dream, it’s the reality - every trip, every time.

PERFORMANCE PLAN

KENTUCKY PERFORMANCE MEASURES & CRASH DATA

2010-2019 Yearly Totals

Source: 2010-2018 STSI/UK Transportation Center, *2019 Preliminary State Crash Data

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*
Fatalities	760	720	746	638	672	761	834	782	724	732
Fatality Rate per 100M VMT	1.58	1.5	1.58	1.36	1.4	1.56	1.69	1.59	1.5	1.51
Unrestrained Passenger Vehicle Occupant Fatalities (all seating positions)	310	306	309	245	285	308	318	290	279	300
Serious Injuries	4,053	3,873	3,825	3,175	3,154	3,175	3,114	3,008	2,749	2,731
Fatalities involving a driver or motorcycle operator with .08+ BAC	168	172	169	166	171	192	177	179	137	122
Speeding – Related Fatalities	154	141	151	125	125	140	138	138	111	118
Motorcyclist Fatalities	96	71	106	87	86	91	111	90	95	86
Unhelmeted Motorcyclist Fatalities	58	42	68	59	48	61	76	59	60	62
Drivers Age < 21 Involved in Fatal Crashes	114	86	88	80	79	89	93	97	80	63
Pedestrian Fatalities	61	50	49	55	57	67	81	83	73	73
Bicyclist Fatalities	7	2	6	3	4	7	9	7	10	5
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Observed Seat Belt Usage Rate (front seat outboard for passenger vehicles)	80.3	82.2	83.7	85	86.1	86.7	86.5	86.8	89.9	89.7

* 2019 preliminary state data

	2015	2016	2017	2018	2019	2021 Goal
Fatalities (5 year moving average)	707	730	737	755	767	720
Fatality Rate per 100M VMT (5 year moving average)	1.48	1.52	1.52	1.55	1.57	1.50
Unrestrained Passenger Vehicle Occupant Fatalities (all seating positions) (5 year moving average)	291	293	289	296	299	298
Serious Injuries (5 year moving average)	3,440	3,289	3,125	3,040	2,955	2,590
Fatalities involving a driver or motorcycle operator with .08+ BAC (5 year moving average)	174	175	177	171	161	160
Speeding – Related Fatalities (5 year moving average)	136	136	133	130	129	125

	2015	2016	2017	2018	2019	2021 Goal
Motorcyclist Fatalities (5 year moving average)	88	96	93	95	95	94
Unhelmeted Motorcyclist Fatalities (5 year moving average)	56	62	61	61	64	63
Drivers Age < 21 Involved in Fatal Crashes (5 year moving average)	84	86	88	88	84	83
Pedestrian Fatalities (5 year moving average)	56	62	69	72	75	74
Bicyclist Fatalities (5 year moving average)	4	6	6	7	8	7
	2015	2016	2017	2018	2019	2021 Goal
Observed Seat Belt Usage Rate (front seat outboard for passenger vehicles)	86.7	86.5	86.8	89.9	89.7	91.6

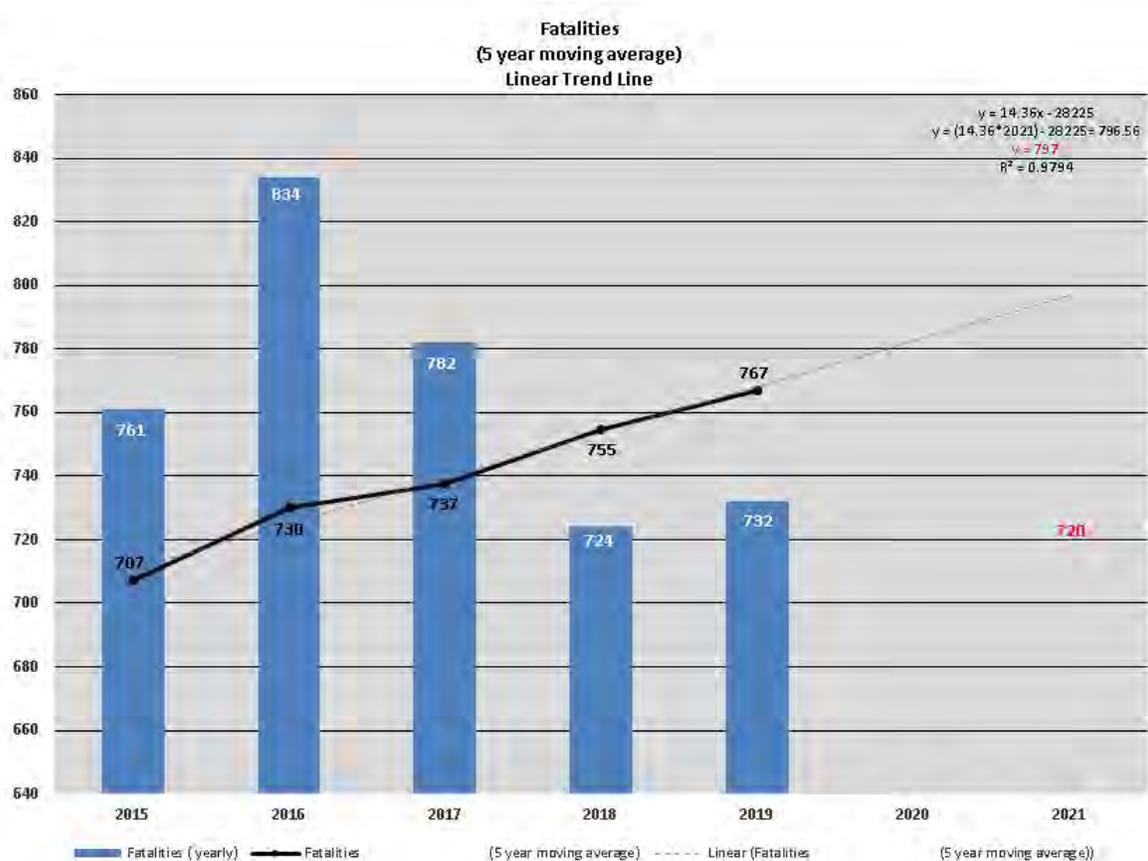
PERFORMANCE GOAL STATEMENTS

When compiling data for analysis in determining our goals for each of the core outcome measures, the data were analyzed using yearly totals, five year moving averages and three-year moving averages. The trends and projected goals for each of the measures seemed to be more representative and attainable when using the five-year moving average using data from 2015-2019.

Each of the measures below uses a five point, five-year moving average, and each goal was determined by projecting the trend line ahead to determine a 2021 goal. Taking into account data from the past and how the current trend is moving, this allows Kentucky to work towards sustaining, or moving towards, a downward trend.

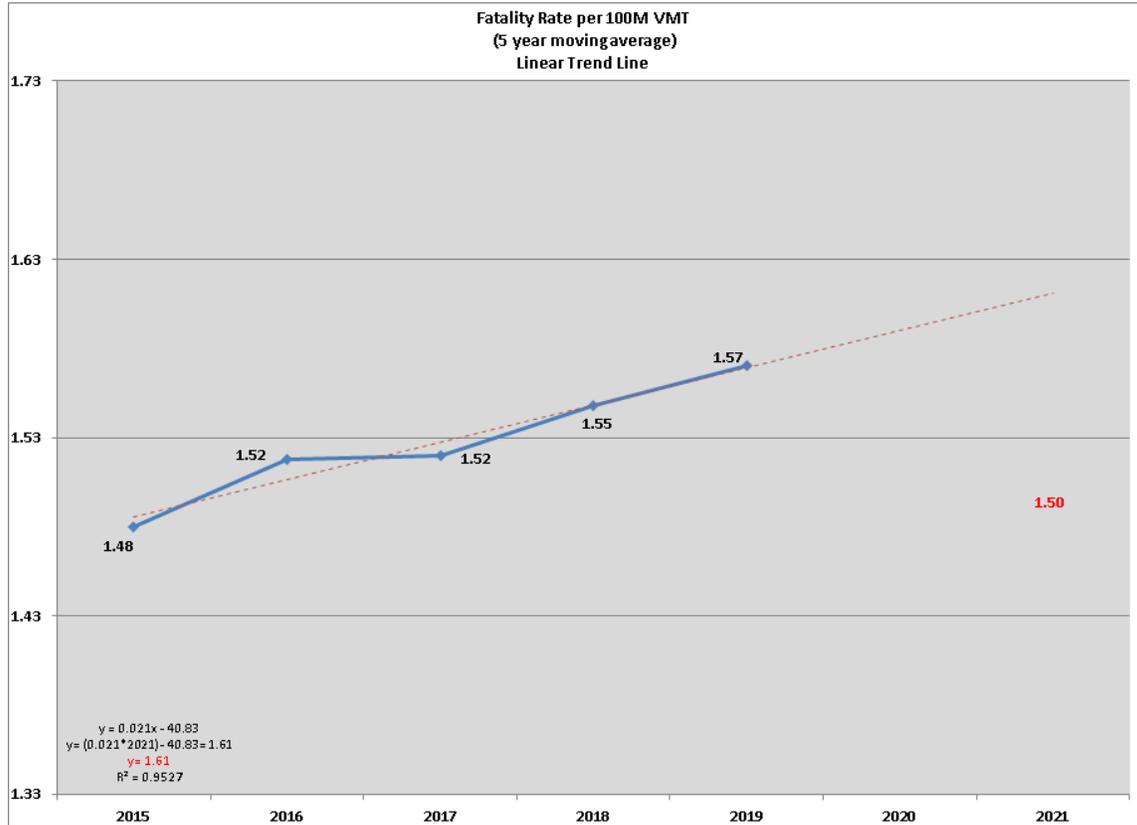
GOAL STATEMENTS FOR CORE OUTCOME MEASURES

1. To decrease fatalities 6% from the 2015-2019 calendar base year average of 767 to 720 for the 2017-2021 calendar years average.



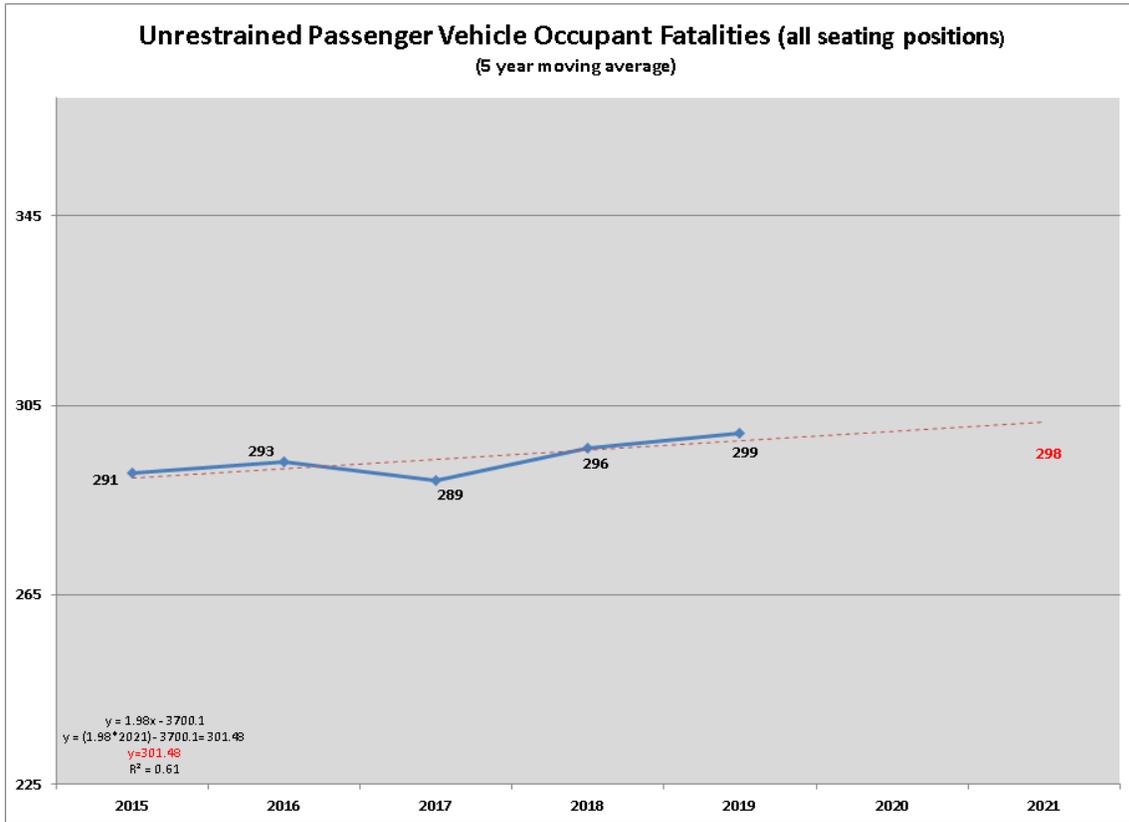
* This target is based on a predicted reduction in fatal numbers for years 2020 and 2021 that is consistent with the recent trend line (minus 12 fatalities per year). However, the predicted number of fatalities for year 2020 was adjusted (approximately 10% additional reduction) due to expected impacts of the COVID-19 pandemic. The fatal safety target would have been 734, had COVID-19 impacts had not been taken into consideration.

2. To decrease fatalities/100M VMT 2.6% from the 2015-2019 calendar base year average of 1.57 to 1.50 for the 2017-2021 calendar years average.



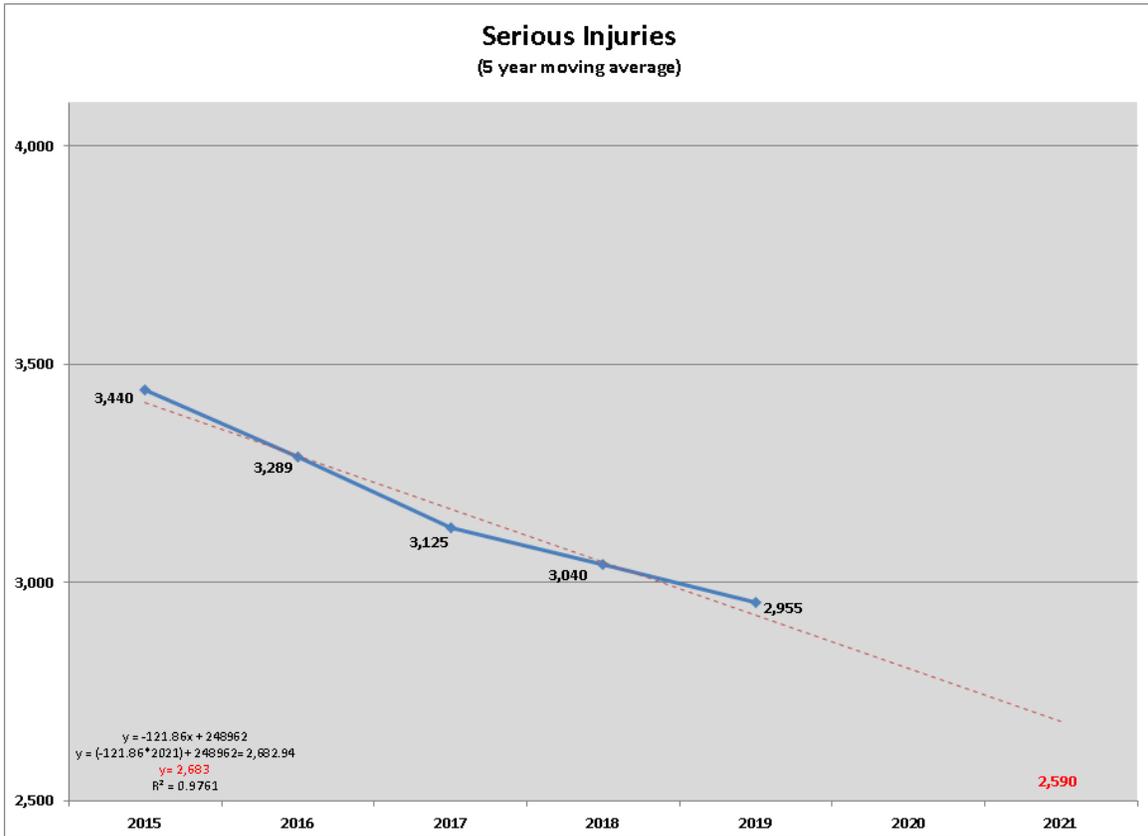
* The above fatality target process, along with estimated VMT, was used to develop the fatal rate target. Due to the expected impacts of the COVID-19 pandemic, 2020 VMT data was adjusted (20% reduction).. Using this information, the predicted five-year fatal rate was determined and used for the performance target. Although the specific calculation came out to 1.51, we rounded the target down to 1.50 so that the fatal rate target matches the target for the past three years.

3. To decrease unrestrained passenger vehicle occupant fatalities in all seating positions 0.3% from the 2015-2019 calendar base year average of 299 to 298 for the 2017-2021 calendar years average.



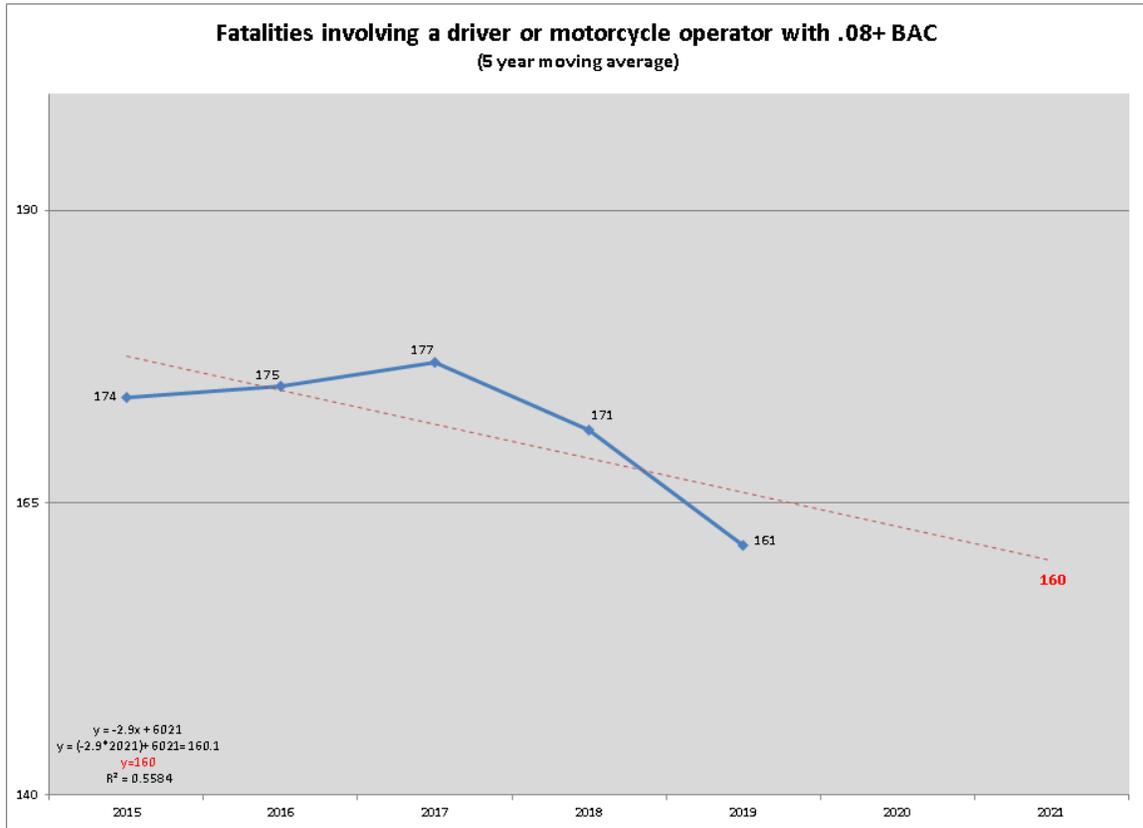
* Despite a projected slight increase in unrestrained fatalities, as shown by the trend line and graph above, the KY Office of Highway Safety feels that with an overall downward trend, a 0.3% reduction in the 2017 – 2021 base year average is a realistic goal to move toward.

4. To decrease serious traffic injuries 12.4% from the 2015-2019 calendar base year average of 2,955 to 2,590 for the 2017-2021 calendar years average.



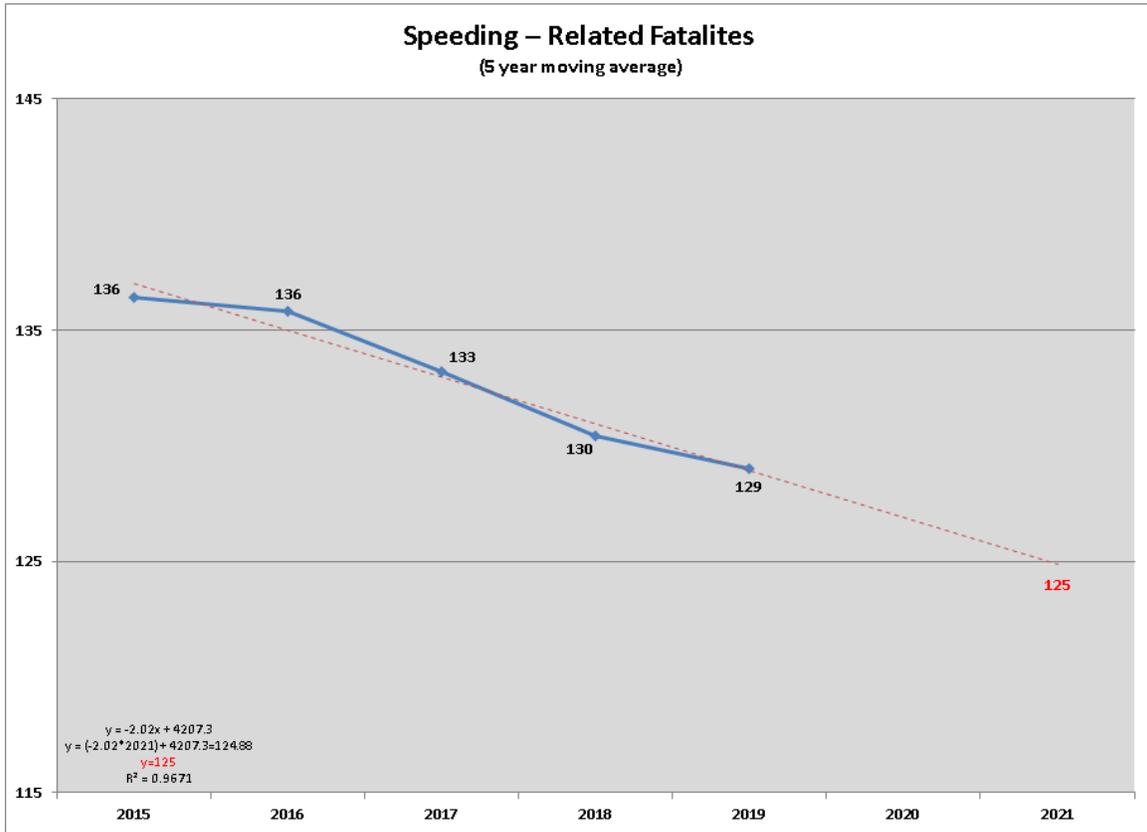
* This target is based on a predicted reduction in serious injury numbers for years 2020 and 2021 that is consistent with the recent trend line (minus 253 serious injuries per year). As with the fatal target, the predicted number of serious injuries for 2020 was further reduced (approximately 10%) due to expected impacts of the COVID-19 pandemic. If COVID-19 impacts had not been taken into consideration, the serious injury safety target would have been 2,639..

5. To decrease the number of alcohol-impaired driving fatalities 1% from the 2015-2019 calendar base year average of 161 to 160 for the 2017-2021 calendar years average.



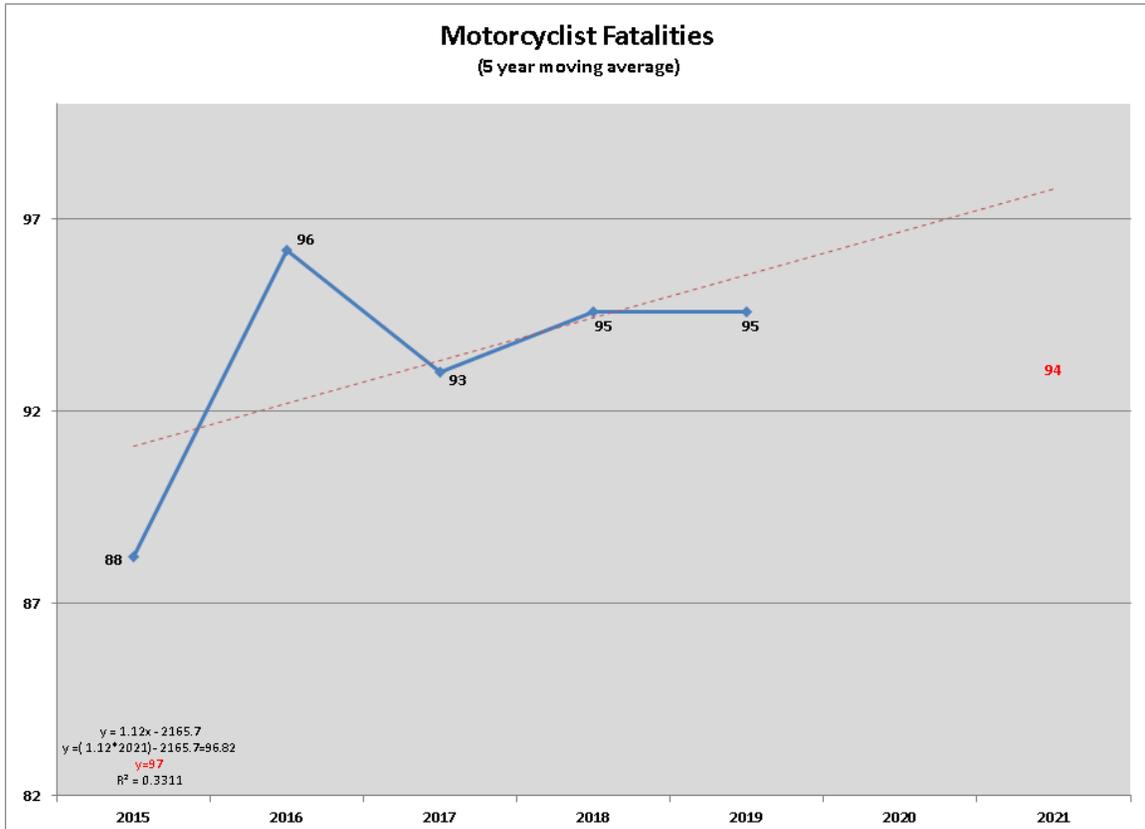
* 2017- 2021 goal based upon past data and projected trend line shown above.

6. To decrease speeding-related fatalities 3% from the 2015-2019 calendar base year average of 129 to 125 for the 2017-2021 calendar years average.



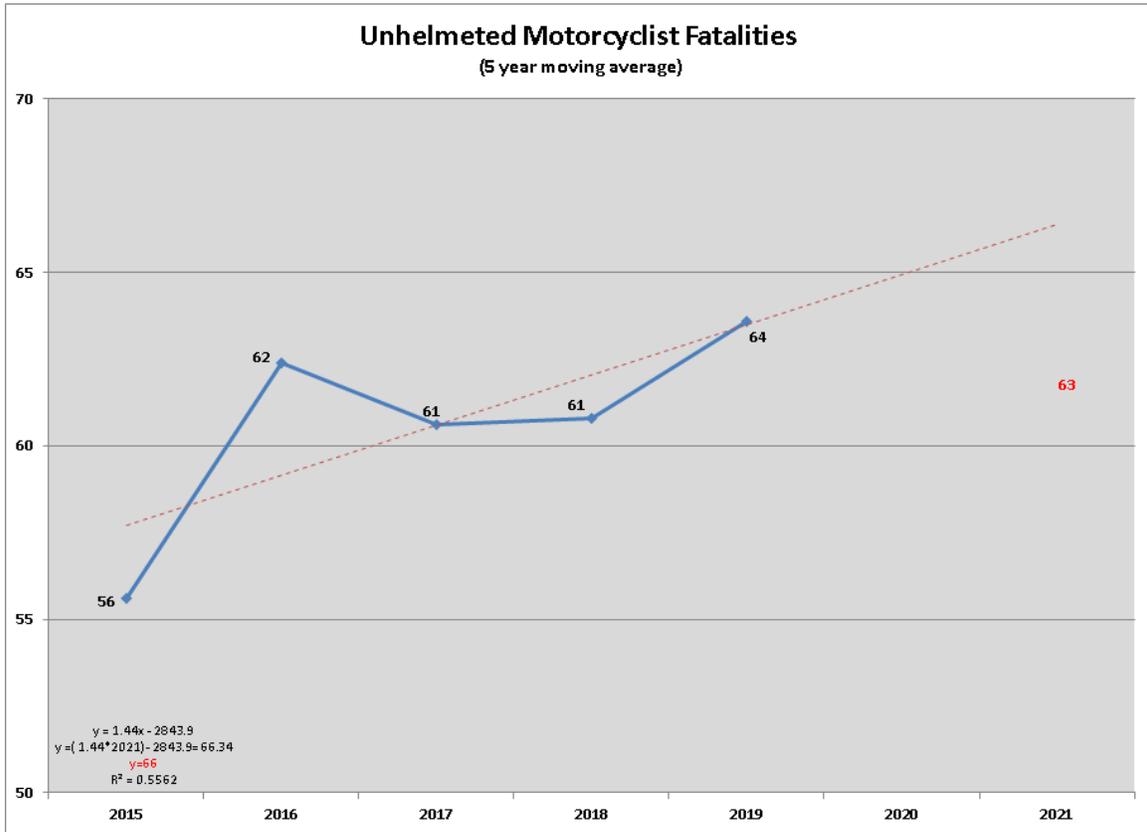
* 2017- 2021 goal based upon past data and projected trend line shown above.

7. To decrease motorcyclist fatalities 1% from the 2015-2019 calendar base year average of 95 to 94 for the 2017-2021 calendar years average.



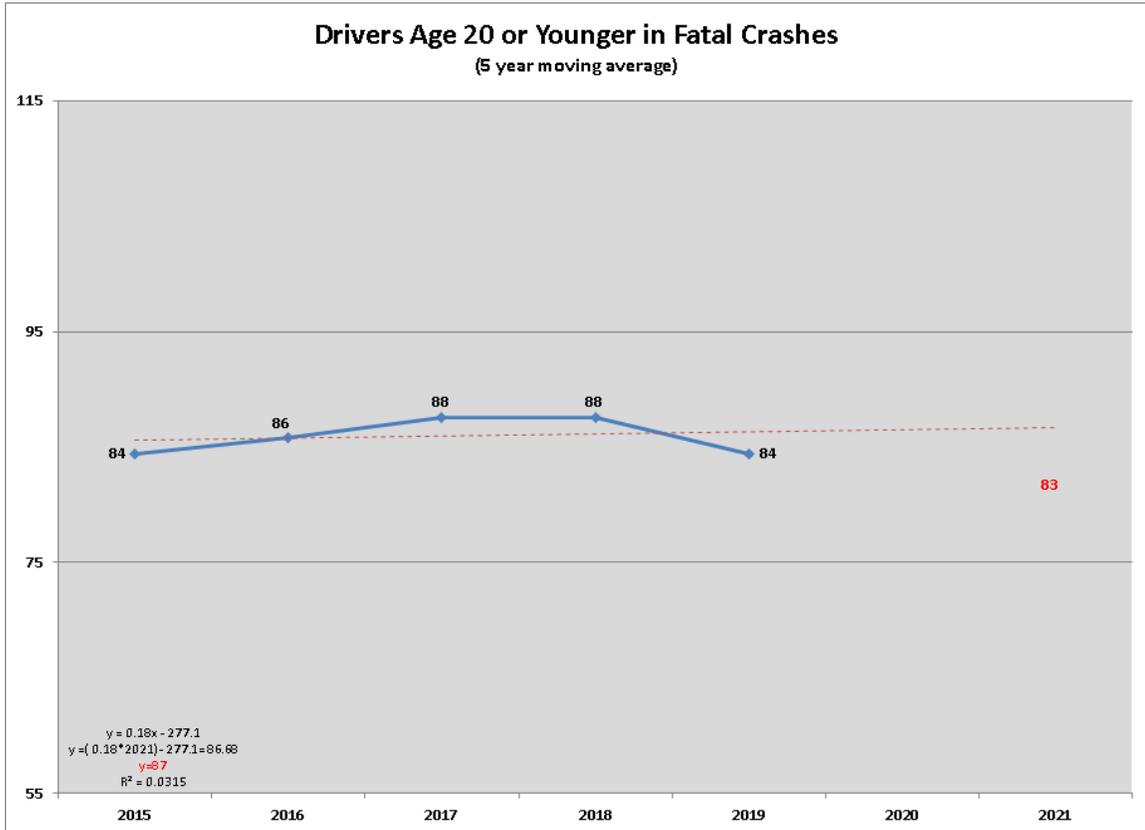
* Despite a projected increase in motorcyclist fatalities, as shown by the trend line and graph above, the KY Office of Highway Safety feels that a 1% reduction in the 2017 – 2021 base year average is a realistic goal to move toward.

8. To decrease un-helmeted motorcyclist fatalities 1.6% from the 2015-2019 calendar base year average of 64 to 63 for the 2017-2021 calendar years average.



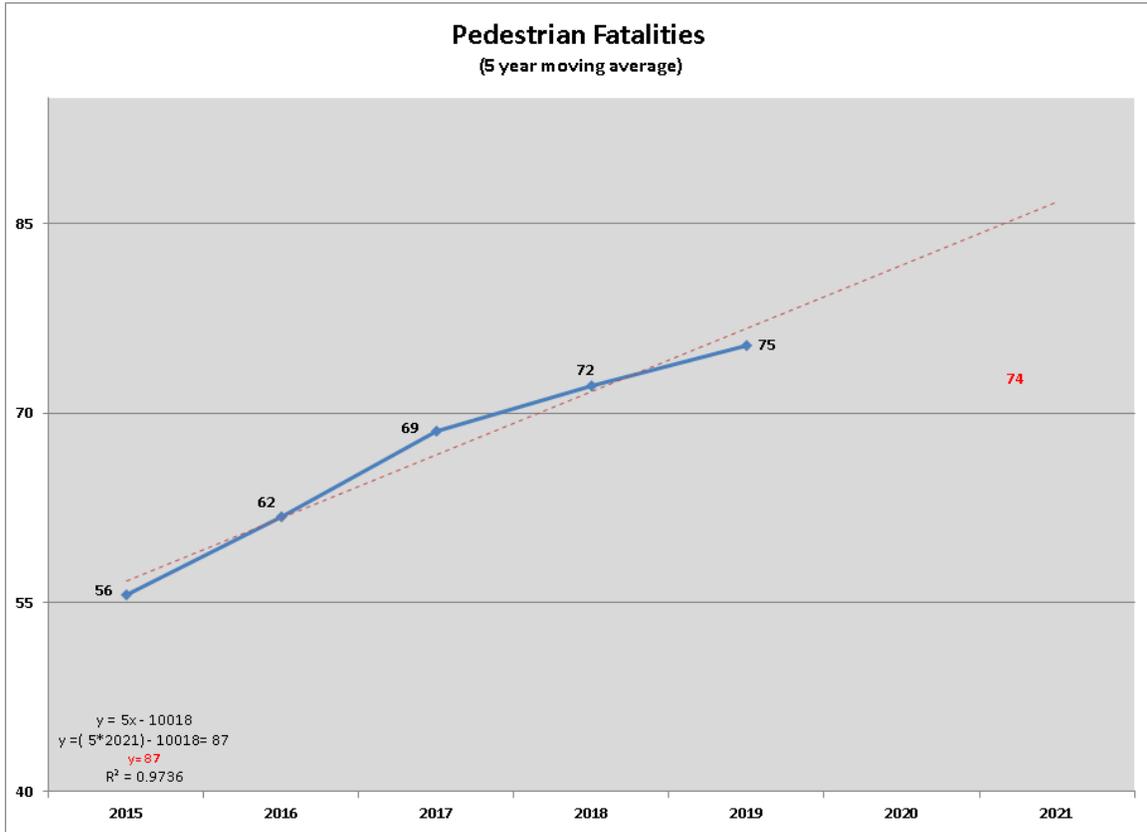
* Despite a projected increase in un-helmeted motorcyclist fatalities, as shown by the trend line and graph above, the KY Office of Highway Safety feels that a 1.6% reduction in the 2017 - 2021 base year average is a realistic goal to move toward.

9. To decrease the number of drivers aged 20 or younger involved in fatal crashes by 1% from the 2015-2019 calendar base year average of 84 to 83 for the 2017-2021 calendar years average.



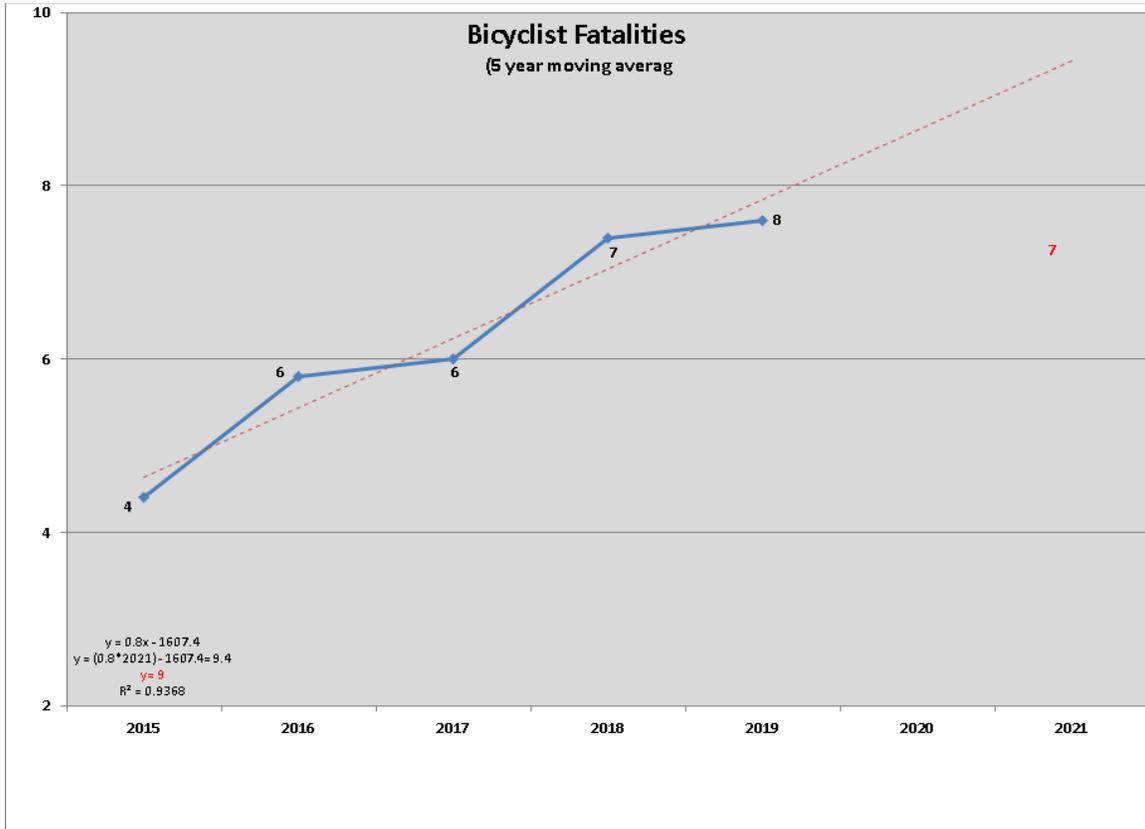
* Despite a projected increase in young driver fatalities, as shown by the trend line and graph above, the KY Office of Highway Safety feels that a 1% reduction in the 2017 - 2021 base year average is a realistic goal to move toward.

10. To decrease pedestrian fatalities 1.3% from the 2015-2019 calendar base year average of 75 to 74 for the 2017-2021 calendar years average.



* Despite a projected increase in pedestrian fatalities, as shown by the trend line and graph above, the KY Office of Highway Safety feels that a 1.3% reduction in the base year average is a realistic goal to move toward.

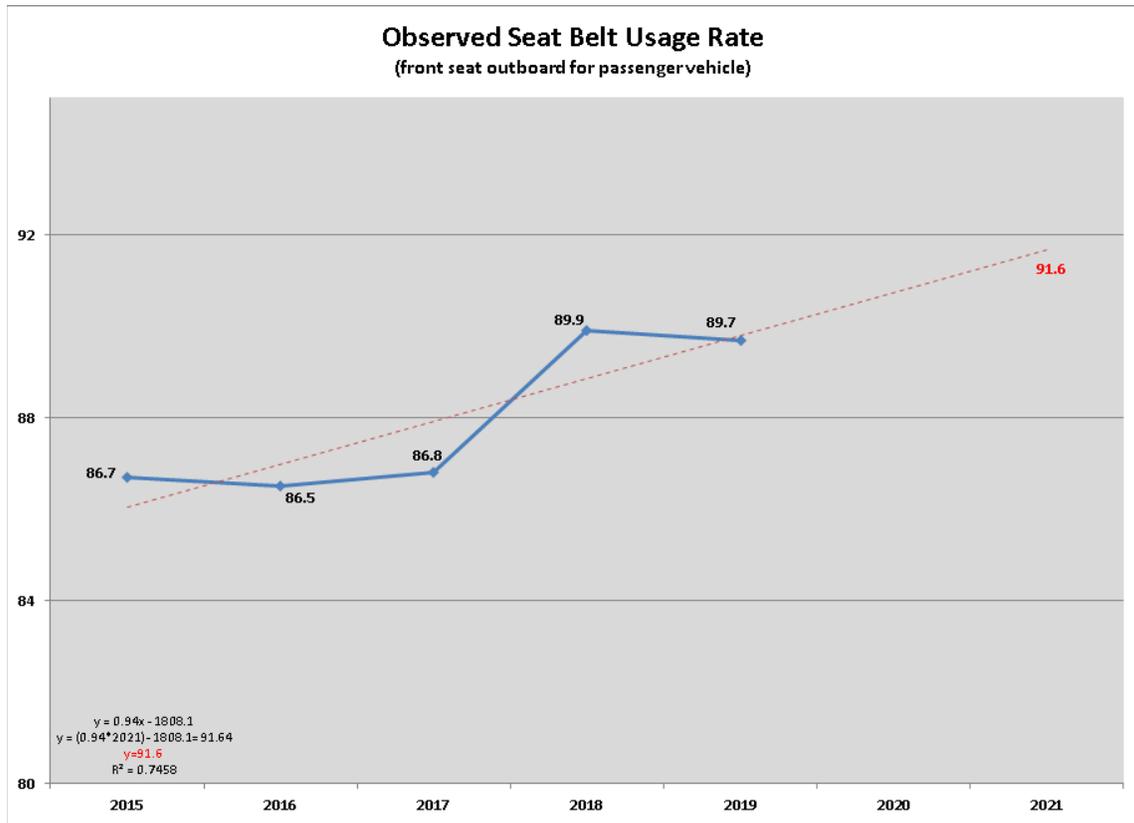
11. To decrease bicyclist fatalities 12.5% from the 2015-2019 calendar base year average of 8 to 7 for the 2017-2021 calendar years average.



* Despite a projected increase in bicyclist fatalities, as shown by the trend line and graph above, the KY Office of Highway Safety feels that a 12.5 % reduction in the base year average is a realistic goal to move toward.

GOAL STATEMENT FOR CORE BEHAVIORAL MEASURES

To increase the seat belt usage rate 1.89% from the 2019 average of 89.7 percent usage to 91.6 percent for 2021.



* 2021 goal based upon past data and projected trend line shown above

The following actions will be taken by KOHS to foster change in the observed seat belt count:

- Provide media and information to the driving public statewide, to affect change in seat belt usage.
- Utilize current data and information to identify new at risk populations and address them as funding allows.
- Participate in "Click It or Ticket" national enforcement mobilization.
- Communicate the "Click It or Ticket" national enforcement message during the prescribed time.
- To promote agencies participation in the national Border to Border event for Click it or Ticket, and to promote the KY Local Heroes Campaign.
- Communicate the "Buckle Up/Phone Down" Kentucky Campaign throughout the fiscal year.
- To conduct nighttime occupant protection enforcement during the grant year. All full year grants are required to plan 50% of enforcement during nighttime hours, based on local data. This strategy is one of our occupant protection emphasis areas in our SHSP.

ACTIVITY MEASURES FOR REPORTING

1. A total of 19,509 seat belt citations were issued during grant-funded activity during FY 2019. There were also a total of 682 child restraint citations issued during the same period.

Goal: To increase the number of seat belt citations during grant-funded enforcement activities two percent to 19,899 by December 31, 2021. Also, to increase the number of child restraint citations during grant-funded enforcement activities two percent to 696 by December 31, 2020.

2. A total of 3,228 DUI arrests were made during grant-funded activity during FY 2019.

Goal: To increase the number of DUI arrests during grant-funded enforcement activities two percent to 3,293 by December 31, 2020.

3. A total of 30,276 speeding citations were issued during grant-funded activity during FY 2019.

Goal: To increase the number of speeding citations during grant-funded enforcement activities two percent to 30,882 by December 31, 2020.

The Kentucky Office of Highway Safety staff monitors activity monthly from all highway safety projects. The monthly activity for those projects are compiled into a spreadsheet that calculates the overall hours worked and the total number of citations written for the following traffic violations: speeding, seat belt, child restraint and other traffic. We also track the number of DUI and other arrests made during grant funded activity. This information is critical in determining what projects are recommended for future funding.

GRANTS MANAGEMENT STRATEGIES AND PROGRAMS

Summary

Enforcement programs funded by NHTSA follow an evidence-based model that incorporates a data-driven problem identification process, implementation of evidence-based countermeasures, and continuous monitoring to ensure the countermeasures are implemented correctly and are having the desired effect (See Appendix for more details).

Highway Safety Planning and Administration

The KOHS administration staff is comprised of the Executive Director of the Kentucky Office of Highway Safety, Assistant Director of the Division of Highway Safety Programs, Grants Branch Manager and the Grants Fiscal staff. These staff members serve to support the program management staff, traffic records coordinator, impaired driving coordinator and occupant protection coordinator. The Executive Director is funded by the Commonwealth of Kentucky.

The Commonwealth of Kentucky is divided into four program regions. These regional program managers work with grantees directly and with their assigned law enforcement liaison and on program strategies, monitoring of the grant activities and conduct analysis of program effectiveness.

PLANNING AND ADMINISTRATION PROJECTS

Project Number: PA-2021-00-00-01

Project Title: Planning & Administration (Kentucky Office of Highway Safety)

Description: This grant will fund 50% of the salaries & benefits and travel & training expenses for the Assistant Director, two Administrative Branch Managers, Federal Program Specialists, and Budget Specialist of the Office's Division of Highway Safety Programs and Grants Management Branch. In addition, it will fund 50% of the expenses for office supplies, equipment, postage, GHSA and other professional dues for the Grants Management Branch. The remaining 50% is funded by the state with required matching funds.

Budget: \$350,000.00 (NHTSA 402)

Project Number: CP-2021-00-00-01

Project Title: Program Management (Kentucky Office of Highway Safety)

Description: This grant will fund the salaries & benefits and travel & training expenses for both Police Traffic Services Program Managers.

Budget: \$200,000.00 (NHTSA 402)

IMPAIRED DRIVING

The KOHS Impaired Driving programs will employ the following:

- Maintain and grow the Impaired Driving (ID) task force to incorporate new strategies and activities identified from the stakeholders, GECHS and ID assessment,
- Increase enforcement throughout the year in counties and cities with high numbers of alcohol-related crashes by providing law enforcement agencies with the resources they need to implement strict DUI enforcement programs and to aid them in detecting impaired drivers. This strategy is also within our impaired driving emphasis areas in Kentucky's Strategic Highway Safety Plan (SHSP).
- Provide equipment to aid state and local agencies in impaired driving efforts to include the following: video cameras, preliminary breath testers, breathalyzers and lighting/generators to be used at traffic safety checkpoints.
- Increase public awareness of the DUI problem and the consequences for offenders, especially among those most likely to drink and drive.
- Educate prosecutors and law enforcement on ways to more effectively manage DUI cases and encourage the passage of stronger laws by providing information and statistics about this topic to lawmakers, safety advocates and grassroots organizations. This strategy is also within our impaired driving emphasis areas in our SHSP.
- Participate in the National Highway Traffic Safety Administration's *Drive Sober or Get Pulled Over/Click It or Ticket* campaigns focusing on saturation patrols, traffic safety checkpoints and media. This strategy is also one of our occupant protection/impaired driving emphasis areas in our SHSP. All law enforcement grantees are required to participate in mobilizations regardless of their grant type.

- Promote the *Drive Sober or Get Pulled Over* mobilization to law enforcement through a series of area briefings throughout the state.
- Provide awards to law enforcement agencies/officers that excel in apprehending impaired drivers.
- Provide training to state and local law enforcement officers, to become certified/maintain certification as Drug Recognition Experts (DREs). This certification is an effective tool for recognizing and convicting persons driving impaired by drugs. This strategy is also one of our impaired driving emphasis areas in our SHSP.
- Provide regional training opportunities for law enforcement officers to complete SFST refresher course.
- Provide regional training opportunities for law enforcement officers to complete the Advanced Roadside Impaired Driving Enforcement (ARIDE) class, offered through the state's Drug Evaluation and Classification (DEC) program. This training allows officers to build on their SFST knowledge and skills, to better identify drug impaired drivers. This strategy is also one of our impaired driving emphasis areas in our SHSP.
- Keep working with our partnership with the Unified Prosecutorial System to employ the TSRP position. TSRP Thomas Lockridge provides expertise, resources and critical support to Kentucky prosecutors and law enforcement, assisting them with the effective prosecution of traffic safety violations. In addition, a second TSRP grant was added on August 1, 2019. This position is housed at the Kentucky State Police and is staffed by Aaron Ann Cole. The KSP-TSRP focuses on prosecutorial training for law enforcement. TSRP Cole will be essential to the development and execution of several new trainings that were launched in 2020 to improve the relationship between prosecutors and law enforcement, in building DUI/ drugged driving cases. These projects are supported with NHTSA 402 funds.
- Continue to work with Judges through the JOL program that the KOHS funds through a grant to the AOC.
- Continue to work with legislatures and encourage the passage of stronger DUI laws in Kentucky. This strategy is also one of our impaired driving emphasis areas in our SHSP.
- Educate and increase public awareness about the benefits of requiring alcohol ignition interlocks in vehicles of DUI offenders.



(2019 Impaired Driving Awards – Drug Evaluation and Classification All-Stars)

Impaired Driving Taskforce

The Kentucky Impaired Driving Task Force (KIDTF) provides a top down effort to a coalition of agencies to reduce the number of fatalities and injuries on the roadways in Kentucky. This task force was created in response to the governances of the Moving Ahead for Progress in the 21st Century Act (MAP-21) and as directed by the Governor’s Executive Committee on Highway Safety.

The list below denotes the member’s names and agency they represent on the KIDTF:

Impaired Driving Task Force	
Name	Agency
Matt McCoy	KOHS ID Federal Program Specialist / Co-Chair KIDTF
Major Darren Stapleton	KSP, East Troop Commander
Reg Souleyrette	UK, KTC
Dr. Gregory Davis	University of Kentucky, Pathologist
Greg Dennison	KOHS, Western KY LEL
Dave Wilkerson	KY Dept. of ABC, Director of Enforcement
Rosalind Donald	MADD, KY Victim Advocate Representative
Tiffany Duvall	KOHS, DWI Program Coordinator
Troy Dye	KOHS, Northern KY LEL
Vacant	KY Distiller’s Association, Director of Social Responsibility
Aaron Ann Cole	KSP TSRP
Stephanie Hancock	NHTSA, Region 3 Administrator
Jason Siwula	KOHS, Executive Director
Erin Eggen	KOHS, KYTC
Alan George	KY Co. Attorneys Association, Treasurer

Tom Lockridge	United Prosecutorial TSRP / Co- Chair KIDTF
Ashley Bush	KIPRIC, Data Management Specialist
Darren Thacker	NHTSA, Region 3 Program Manager KY
Dave Ennis	NHTSA Region 3 ID Program Manager
William Staats	UK KTC, Research Engineer
Lori Weaver Hawkins	AAA, Mgr. of Public and Gov. Affairs
Rob Richardson	KOHS, KSP, DRE & ARIDE Law Enforcement Liaison
Barbara Schulte	KOHS, Administrative Specialist III
Ryan Fisher	KOHS, Assistant Director
Brandon Standifer	KSP, Laboratory Supervisor
Laura Sudkamp	KSP, Forensic Laboratory Director
Kevin Holbrook	KY JOL
Rob Warfel	KOHS, KSP, DRE & ARIDE Law Enforcement Liaison
Ryan Tenges	FHWA
Rob Ratliff	KOHS Central KY LEL
Bob Criswell	KOHS Eastern KY LEL

Impaired Driving Projects

Project Number: M5HVE-2021-00-00-01 through M5HVE-2021-00-00-23

Project Title: Local Law Enforcement Impaired Driving Countermeasures Projects

Description: These grants will fund 23 local law enforcement agencies' enforcement programs focused on impaired driving in each of the following agencies:

Ashland PD	Leitchfield PD
Ballard Co. SO	Lexington PD
Burnside PD	Louisville Metro PD
Campbellsville PD	Marshall Co. SO
Cave City PD	McCracken Co. SO
Daviess Co. SO	Morehead PD
Florence PD	Nelson Co SO-Bardstown PD
Hillview PD	Pike Co. SO
Jeffersontown PD	Scott SO
Laurel Co. SO	Somerset PD
Lawrenceburg PD	Wilder PD

In addition to funds for salaries/benefits and fuel costs, many of these agencies will also receive funding to purchase traffic enforcement equipment (such as preliminary breath testing devices, in-car video cameras with licenseand/or radars). According to NHTSA's *Countermeasures that Work, 7th edition*, publicized saturation patrol and sobriety checkpoint programs have a 4-5 star effectiveness rating in deterring impaired driving. As described, in Part A of this document, KOHS ensures effective and proper implementation of all enforcement activities through careful project selection and monitoring.

Maps are provided to each law enforcement agency indicating the roadways having the highest number of impaired driving crashes. They are instructed to devote the majority of their activity on these targeted roadways.

Budget: \$580,319.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-24

Project Title: Kentucky State Police Nighthawk Impaired Driving Enforcement/Equipment

Description: Kentucky State Police will conduct selective traffic enforcement at key locations in each of 16 KSP post areas. Based on crash data, enforcement efforts will be concentrated in established statewide priority areas and in counties with high numbers of alcohol-related crashes. KSP will partner with local agencies in saturation and checkpoint activities, and will increase public awareness of these DUI enforcement efforts. This grant will fund highway safety enforcement focused on apprehending impaired drivers; fuel costs, equipment (PBTs and in-car video cameras). According to NHTSA's *Countermeasures that Work, 7th edition*, publicized saturation patrol and sobriety checkpoint programs have a 4-5 star effectiveness rating in deterring impaired driving. Kentucky State Police conducts the majority of the total traffic safety checkpoints in Kentucky. The purchase of PBTs will help the agency to achieve their overall objective to prevent serious injury crashes and fatalities. PBTs are rated as a 4-star countermeasure and the video cameras have proven to be effective in prosecution of DUI cases.

Budget: \$826,145.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-26

Project Title: KSP TSRP

Description: KSP-TSRP position will work collectively with the UPS-TSRP, between law enforcement as a whole and the Kentucky Office of Highway Safety in order to provide up to date training, address ongoing issues in a timely manner, as well as address any and all issues that arise between the two. The KSP-TSRP position will also assist in the implementation of the Highway Safety grant programs that exists within the Kentucky State Police to make them more effective. The KSP-TSRP will be available to conduct, or assist with, one presentation of trial advocacy topic relating to prosecuting highway safety infractions for the prosecutor's conference scheduled yearly by the association. This presentation will be open to all prosecutors in the Commonwealth. If the budget allows, this KSP-TSRP will conduct, or join with, a minimum of three traffic safety related trainings during the grant cycle focused towards law enforcement officers. These trainings will include the DUI Vehicular Homicide Training (Lethal Weapon) and Drugged Driving. Each of the trainings will be limited in participation in order to take full advantage of a hands-on approach education. Class size will be limited to 30-35 attendees. KSP-TSRP will conduct, or work in conjunction with, at least two trainings that are focused primarily towards law enforcement officers and the enforcement of Kentucky's DUI laws. At least one of these training will be the Advanced Roadside Impaired Driving Enforcement (ARIDE) or the Drug Recognition Expert (DRE) training. These classes will be offered to officers across the Commonwealth, and the class will be limited in size for maximum educational value. The KSP-TSRP will assist with maintaining and updating the Kentucky Traffic Safety Webpage that assist state prosecutors and law enforcement officers, keeping them abreast of current DUI issues and trends. This site serves as a research tool that allows state prosecutors and law enforcement officers to communicate with each other on specific DUI issues and legal updates. The KSP-TSRP will work alongside the AG-TSRP and coordinate Kentucky's Impaired Driving Strategic Plan. This effort will

strive to decrease the state's current DUI fatality rate of .36. This level is within the "mid-range" when compared to other states so there is plenty room of improvement in the future.

Budget: \$226,072.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-27

Project Title: Unified Prosecutorial System

Description: Grant will provide tenth-year funding for the full-time position of Traffic Safety Resource Prosecutor (TSRP). This specialized attorney is an experienced prosecutor who is an expert on Kentucky's traffic and DUI laws. In the upcoming year, the TSRP will conduct a minimum of three regional traffic safety-related trainings for law enforcement/prosecutors, including one focused on vehicular homicide and one on drugged driving. He will also conduct a presentation of a trial advocacy topic relating to prosecuting highway safety infractions at the state's annual prosecutors conference. In addition, the TSRP will continue to advise prosecutors on technical matters related to DUI and other traffic safety issues, serving as a liaison between law enforcement, prosecutors, and the Office of Highway Safety. He will continue a mentoring program between new and experienced prosecutors, provide DUI training for new law enforcement recruits, and maintain a web page containing a wealth of reference materials for law enforcement and prosecutors. NHTSA is supportive of TSRPs and has developed a manual to assist them in their work, which is particularly valuable to less experienced prosecutors and judges handling DUI cases. This is addressed on page 1-26 of *Countermeasures that Work, 7th edition*, within the section on DWI Courts. While Kentucky does not have dedicated DWI courts, TSRPs are often part of such programs.

Budget: \$244,775.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-28

Project Title: Administrative Office of the Courts

Description: Judicial Outreach Liaison

While remaining independent and impartial, the SJOL serves as a statewide resource for the judiciary and other members of the highway safety community dealing with highway-safety related court cases, particularly cases involving impaired driving. This assistance takes the form of education, training, court case interpretations, guidance, and providing liaison between the judiciary and the highway safety community. This program provides specific training to improve officer skills for enforcing laws related to impaired (drugged) driving. Develop a network of contacts and promote peer-to-peer judicial education related to sentencing and supervision of DWI offenders, evidentiary issues, legal updates and alcohol/drug testing, and monitoring technology • Solicit opportunities to speak at State highway safety conferences and State judicial conferences • Make presentations at meetings, conferences, workshops and other gatherings, focusing on impaired driving. Identify barriers that hamper effective training, education, or outreach to the courts and recommend alternative means to address these issues and concerns.

Budget: \$190,000.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-29

Project Title: KACP-LEL Impaired Driving Coordinator ARIDE / SFST / DRE

Description: This project creates an in house position that serves as the single statewide resource person to assist the management staff, grants staff and education staff regarding the impaired driving (ID, alcohol and drug) driving, motorcycle safety, aggressive driving, and distracted driving programs.

The position responsibilities include long and short-range program planning, grant development, budget development and oversight. This project is responsible for purchasing and distributing Preliminary Breath Testers (PBTs) and DRE/ARIDE equipment to law enforcement as needed. They will provide technical assistance to the Kentucky Impaired Driving Taskforce (KIDTF), grantees, staff and lawmakers.

Budget: \$121,075.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-30

Project Title: KACP-LEL Impaired Driving Assistant Coordinator / ARIDE / SFST / DRE

Description: This project creates an in house position that serves as the single statewide resource person to assist the State Coordinator, grants staff and education staff regarding the impaired driving (ID, alcohol and drug) driving, motorcycle safety, aggressive driving, and distracted driving programs. The position responsibilities include long and short-range program planning, grant development, budget development and oversight. This project is responsible for purchasing and distributing PBT's and DRE/ARIDE equipment to law enforcement as needed. They will provide technical assistance to the Kentucky Impaired Driving Taskforce (KIDTF), grantees, staff and lawmakers.

Budget: \$121,075.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-31

Project Title: DRE/ARIDE Training and Callout

Description: This project creates a way of compensating and promoting participation instructors for their time and travel in helping teach various ARIDE and DRE classes throughout the state. This also covers salary/benefits for DRE's to be called out on evaluations and provides PBT's and DRE/ARIDE equipment to law enforcement as needed.

Budget: \$200,000.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-33

Project Title: Impaired Driving Coordinator

Description: The KOHS Impaired Driving Coordinator serves as the statewide resource to assist the management staff, grants staff and education staff regarding the impaired (ID, IID, alcohol and drug) driving program in the Kentucky Office of Highway Safety (KOHS). The position responsibilities include long and short range program planning and monitoring, grant development and monitoring, budget development and monitoring. Duties include conducting monitoring and providing technical assistance to the Kentucky Impaired Driving Taskforce (KIDTF), grantees, staff and lawmakers. This position will make periodic reports representing the KOHS at the local, state and the National Highway Safety Administration meetings and conferences.

Budget: \$90,000.00 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-34

Project Title: Governor's Impaired Driving Enforcement Awards

Description: The Kentucky Office of Highway Safety will continue the practice of holding an awards ceremony and luncheon to recognize law enforcement agencies and officers who have excelled in arresting impaired drivers during the previous federal fiscal year. This recognition ceremony has proven to be effective in increasing police agency participation and motivation.

Budget: \$25,000 (FAST ACT 405D)

Project Number: M5HVE-2021-00-00-35

Project Title: Impaired Driving Paid Media

Description: These funds will be used to develop and run statewide media campaigns to coincide with the national *Drive Sober or Get Pulled Over* campaign in December 2020 and August 2021. The following media formats will be considered for reaching target audiences: network and cable television, radio, social media, digital (targeted audio, geo-targeting, etc.) and out-of-home elements (window clings, table tents, coasters, etc. at bars/restaurants and gas pump toppers and clings at gas stations). Media markets will be targeted in 1.) county of residence of impaired driver at-fault collisions, and 2.) counties with a high number of alcohol-related crashes, injuries and/or fatalities. In addition, anti-DUI advertising will be purchased through paid media to sustain the message. These funds will pay a portion of in-house contracts with the following organizations:

- University of Kentucky & Rupp Arena/JMI Sports Marketing
- University of Louisville & Louisville Arena/Learfield Sports Marketing
- Morehead State University
- Murray State University
- Western Kentucky University
- Eastern Kentucky University
- Kentucky Sports Radio
- Tony & Dwight Show on WHAS
- iHeart Media/Blue Lights Across the Bluegrass Safe Summer Driving Campaign

These paid media contracts include radio, digital elements, impaired driving signage and/or live announcements during home games or radio show. According to the NHTSA publication, *Countermeasures that Work, 9th edition*, mass media campaigns such as this regarding impaired driving are rated as a 3-star countermeasure. Effectiveness will be enhanced by running ads largely in conjunction with statewide impaired driving enforcement activities.

Budget: \$832,000.00 (FAST ACT 405D)

Occupant Protection

The Occupant Protection programs will employ the following:

- Maintain and grow the OP task force to incorporate new strategies and activities identified from the stakeholders, GECHS and OP assessment,
- Utilize focus groups to develop strategies to educate the public about the provisions of Kentucky's primary seat belt law and the consequences of non-compliance. This strategy is also one of our occupant protection emphasis areas in our SHSP.
- Encourage law enforcement agencies to aggressively enforce the primary seat belt law, and child seat and booster seat laws. This strategy is also one of our occupant protection emphasis areas in our SHSP.

- Provide law enforcement agencies and other partners with the necessary resources to implement occupant protection enforcement and educational programs in counties with the highest unbelted fatalities. This strategy is also one of our occupant protection emphasis areas in our SHSP.
- Participate in the National Highway Traffic Safety Administration's *Click It or Ticket* campaigns focusing on saturation patrols, traffic safety checkpoints and media. This strategy is also one of our occupant protection emphasis areas in our SHSP. All grantees are required to participate in mobilizations regardless of their emphasis program.
- Promote the *Click It or Ticket* mobilization to law enforcement through a series of area briefings throughout the state.
- Nighttime occupant protection enforcement as a condition of grants, encourage enhancing this during area briefings. This strategy is one of our occupant protection emphasis areas in our SHSP.
- Increase public awareness about the lifesaving benefits of seat belts, child safety seats and booster seats. We will target messages to those segments of the population and to geographic areas with the lowest usage rates. This strategy is also one of our occupant protection emphasis areas in our SHSP.
- Host Kentucky Lifesavers Conference with an emphasis on occupant protection and other emphasis areas within the Strategic Highway Safety Plan. This strategy is also one of our occupant protection emphasis areas in our SHSP.
- Require grantees to conduct two separate seat belt observational surveys to monitor seat belt usage in their city/county.
- Provide awards to law enforcement agencies/officers who excel in enforcing seat belt laws. This strategy is also one of our occupant protection emphasis areas in our SHSP.
- Conduct a statewide observational seat belt survey during June and July 2021 in accordance with NHTSA guidelines.
- During FY 2021, the KY Office of Highway Safety will use 402 funds to contract an attitudinal survey to be completed. The survey will cover all six highway safety emphasis areas included in the SHSP, including Occupant Protection.
- Host Governor's Occupant Protection Awards ceremony. This strategy is also one of our occupant protection emphasis area strategies in our SHSP.
- Educate parents, childcare workers, emergency personnel and others about how to correctly install child safety seats and ensure that all child passengers are properly restrained. This strategy is also one of our occupant protection emphasis areas in our SHSP.
- Section 405B funds will be awarded to Occupant Protection grantees during FY 2021, focusing on Child Protection Services. These seats will be distributed to individuals and families which meet the low-income eligibility. The amount awarded to grantees to be allotted for seat purchases will equal 10% of the over-all grant award, prior to the additional car seat funding.

Occupant Protection Taskforce

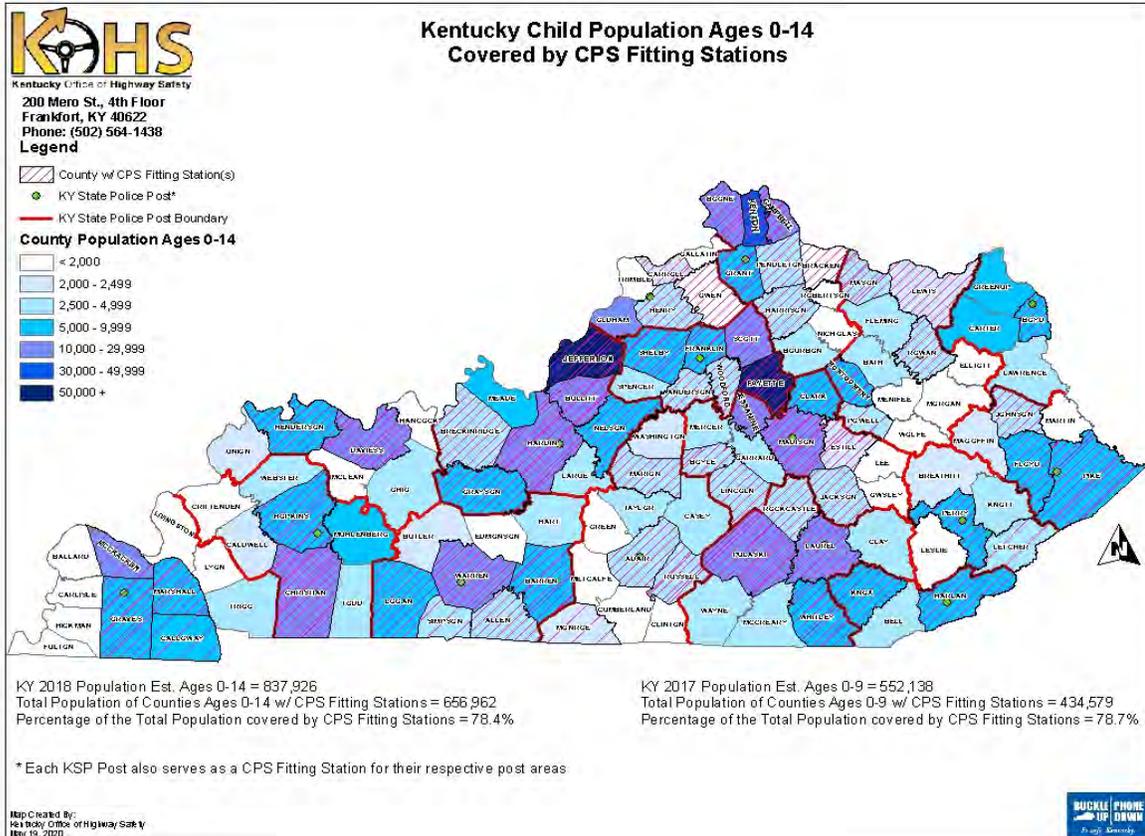
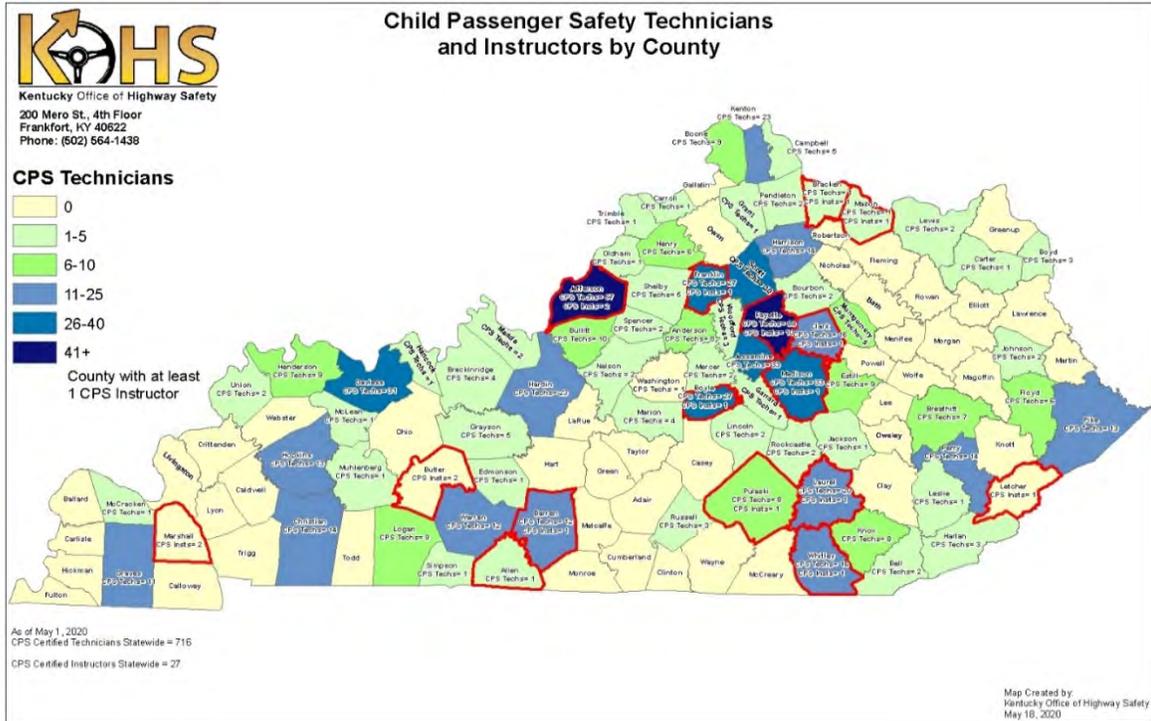
The Governors Executive Committee on Highway Safety maintains the Kentucky Occupant Protection Taskforce (KOPTF) as a collaborative effort of several agencies, departments and non-governmental

entities addressing the challenges and opportunities to reduce the rate and severity of fatalities and injuries relating to occupant protection.

The list below denotes the member's names and agency they represent on the KOPTF:

Occupant Protection Task Force	
Name	Agency
Nate Dean	KY Office of Highway Safety, Occupant Protection Coordinator
Jason Siwula	KY Office of Highway Safety, Acting Executive Director
Ryan Fisher	KY Office of Highway Safety, Acting Assistant Director
Brad Franklin	KY Office of Highway Safety, Safety Education Branch Manager
Jeff Daniel	KY Office of Highway Safety, Program Coordinator
Erin Eggen	KY Office of Highway Safety, Media Coordinator
Leslie Kennedy	KY Office of Highway Safety, Financial Manager
Matt McCoy	KY Office of Highway Safety, Impaired Driving Coordinator
Bob Criswell	KY Office of Highway Safety, Eastern KY Law Enforcement Liaison
Greg Dennison	KY Office of Highway Safety, Western KY Law Enforcement Liaison
Troy Dye	KY Office of Highway Safety, Northern KY Law Enforcement Liaison
Barbara Schulte	KY Office of Highway Safety, Administrative Specialist III
DeAnn Cinquino	KY Office of Highway Safety, Financial Specialist
Cheryl Parker	AAA, N. KY Director of Public and Government Affairs
Todd Kelley	Ashland Police Department, Chief
Scott Lawson	Bardstown Fire Department, Lieutenant
Jack Partin	Corbin Fire Department, Battalion Chief
Dreama Wright	Cumberland Area Development District, Highway Safety Coordinator
Ryan Tenges	Federal Highway Administration – Kentucky Division
Jennifer Arbogast	Glasgow Police Department, Chief
Sharon Rengers, RN	Kosair Children's Hospital, Child Advocacy Mgr. / KY CPS Coordinator
Neil Johnson	KY State Police, Commercial Vehicle Enforcement
Chad Mills	KY State Police, OP Division, Captain
Darren Stapleton	KY State Police, OP Division, Major
Kevin Holbrook	KY Administrative Office of Courts, Judicial Outreach Liaison
Aaron Ann Cole	KY Attorney General's Office, Traffic Safety Resource Prosecutor
Tom Lockridge	KY Attorney General's Office, Traffic Safety Resource Prosecutor
Michael Poynter	KY Board of Emergency Medical Services, Director
Ashley Bush	KY Injury Prevention & Research Center, Data Management Specialist
Erin Lammers	KY Transportation Center, Research Engineer
Reginald Souleyrette	KY Transportation Center, Professor/Research Engineer
William Staats	KY Transportation Center, Research Engineer
Darrel Kilburn	London Police Department, Chief
Lloyd Jordison, RN	Madison Co. Health Dept., Health Education Director
Jenny Griffin	Marshall Co. Health Dept., Occupant Protection Project Director
Darren Thacker	NHTSA, Region 3 Administrator

CPS Instructors/Technicians, Fitting Stations, and Training



There are currently 111 fitting stations in Kentucky through partnerships and grants, forming an active network of child restraint inspection stations and staffed by nationally certified CPS technicians during posted working hours. Kentucky has 120 counties, of which KOHS supports and each of the KSP/CVE post serve 16 post regions to encompass all 120 counties for availability and serves 78.7% of the state's population ages 0-9. Of the 111 total fitting stations, 57 are serving rural populations, 54 are serving urban populations and 84 are serving at risk populations.

Fitting Stations

Child Restraint Inspection Stations							
COUNTY	LOCATION	Address	PHONE	AVAILABILITY	Rural*	Urban	Top 40 Highway Safety Target County /At Risk
Adair	KY State Police Post 15	1118 JAMESTOWN ST, Columbia, KY	270-384-4796	By Appointment Only	Y	N	N
Allen	Allen County Health Department	107 N Court Street, Scottsville, KY	270-237-4423	By Appointment Only	N	Y	N
Anderson	Anderson County Fire Department	1009 Wildcat Drive, Lawrenceberg, KY	859-753-8957	By Appointment Only	Y	N	N
Barren	Glasgow Police Department	101 Pin Oak Drive, Glasgow, KY	270-651-6165	By Appointment Only	Y	N	Y
Boone	Florence Fire/EMS	1152 Weaver Road, Florence, KY	859-647-5600	By Appointment Only	N	Y	Y
Boone	Hebron Fire Department	3120 N bend Rd, Hebron, KY	859-586-9009	By Appointment Only	N	Y	Y
Boone	Union Fire District	9611 US Hwy 42, Union, KY	859-384-3342	Appointments preferred	N	Y	Y
Boyd	Ashland Police Department	201 17th Street, Ashland, KY	606-327-2020	By Appointment Only	N	Y	Y
Boyd	KY State Police Post 14	5975 US 60, Ashland, KY	606-928-6421	By Appointment Only	N	Y	Y
Boyle	Danville Fire Department	420 W Main St, Danville, KY	859-238-1211	By Appointment Only	Y	N	N
Bracken	Bracken County Health Department	429 Frankfort Street, Brooksville, KY	606-735-2157	By Appointment Only	N	Y	N
Breathitt	Jackson Police Department	333 Broadway St, Jackson, KY	606-666-2424	By Appointment Only	Y	N	N
Breckinridge	Breckenridge Health Department	220 S Hardin, Hardinsburg, KY	270-756-5040	By Appointment Only	Y	N	N
Bullitt	Mt Washington Fire Department	772 N Bardstown Road, Mt Washington, KY	502-538-4222	By Appointment Only	N	Y	Y
Campbell	Campbell Co Police	8774 Constable Dr, Alexandria, KY	859-547-3100	By Appointment Only	N	Y	Y
Carroll	Three Rivers Health Department	401 11th Street, Carrollton, KY	502-723-6641	By Appointment Only	Y	N	N
Christian	Fort Campbell DES	6254 Desert Storm Ave, Fort Campbell, KY	931-980-6304	By Appointment Only	N	Y	Y
Christian	Hopkinsville Fire Department	116 W 1st Street, Hopkinsville, KY	270-890-1400	By Appointment Only	N	Y	Y
Christian	Hopkinsville Police Dpet	101 N Main Street, Hopkinsville, KY	270-890-1500	By Appointment Only	N	Y	Y
Clark	New Beginnings of Winchester	139 Jefferson St, Winchestr, KY	859-744-5688	By Appointment Only	N	Y	Y
Clark	Winchester Fire Department	44 N maple Street, Winchester, KY	859-744-1587	By Appointment Only	N	Y	Y

Daviess	Daviess Co Fire Department	5005 KY-54, Owensboro, KY	270-685-8440	By Appointment Only	N	Y	Y
Daviess	Owensboro Health	1201 Pleasant Valley, Owensboro, KY	270-688-4878	By Appointment Only	N	Y	Y
Daviess	Owensboro Police Department	222 E 9th Street, Owensboro, KY	270-993-0818	By Appointment Only	N	Y	Y
Estill	Estill County Health Department	365 River Dr, Irvine, KY	606-723-5181	By Appointment Only	Y	N	N
Fayette	Lexington Fire Department	219 E 3rd Street, Lexington, KY	859-455-7328	By Appointment Only	N	Y	Y
Fayette	Immanuel Baptist Church	3100 Tates Creek Rd, Lexington, KY	859-323-1153	By Appointment Only	N	Y	Y
Floyd	Prestonsburg Police Department	200 N Lake Dr, Prestonsburg, KY	606-424-7903	By Appointment Only	Y	N	Y
Floyd	Prestonsburg Fire Department	538 Westminster St, Pretonsburg, KY	606-791-9064	By Appointment Only	Y	N	Y
Franklin	Frankfort Police Department	300 W 2nd Street, Frankfort, KY		By Appointment Only	Y	N	Y
Franklin	KY State Police Post 12	1250 Louisville Rd, Frankfort, KY	502-227-2221	By Appointment Only	Y	N	Y
Franklin	Franklin County Health Department	100 Gleens Creek Rd, Frankfort, KY	502-564-7647 X1	By Appointment Only	Y	N	Y
Grant	KY State Police Post 6	4265 US 25, Dry Ridge, KY	859-428-1212	By Appointment Only	N	Y	N
Grant	Union Fire Department	Williamstown, KY		By Appointment Only	N	Y	N
Graves	KY State Police Post 1	8366 STATE ROUTE 45, Hickory, KY		By Appointment Only	Y	N	Y
Graves	Mayfield Fire Department	104 North 6th Street, Mayfield, KY	270-251-6240	By Appointment Only	Y	N	Y
Grayson	Grayson County Health Department	124 e White Oak St, Leitchfield, KY	270-287-3205	By Appointment Only	Y	N	Y
Grayson	Leitchfield Police Department	117 S Main St, Leitchfield, KY	270-259-3850	By Appointment Only	Y	N	Y
Hardin	KY State Police Post 4	820 New Glendale Rd, Elizabethtown, KY	270-766-5078	By Appointment Only	N	Y	Y
Hardin	Radcliff Police Department	220 Freedom's Way, Radcliff, KY	270-351-4470	By Appointment Only	N	Y	Y
Hardin	Lincoln Trail Distric Health Dept	108 New Gkendale Road, Elizabethtown, KY	270-769-1601	By Appointment Only	N	Y	Y
Hardin	Elizabethtown Police Department	300 S Mulberry St, Elizabethtown, KY	270-765-4125	By Appointment Only	N	Y	Y
Hardin	Elizabethtown Fire Department	380 Ring Rd, Elizabethtown, KY	270-765-2121	By Appointment Only	N	Y	Y
Hardin	Radcliff Fire Department	604 S Wilson Road, Radcliff, KY	270-351-1975	Appointments preferred	N	Y	Y
Harlan	KY State Police Post 10	3319 S. US 421, Harlan, KY	606-573-3131	By Appointment Only	Y	N	N
Harrison	Cynthiana Fire Department	104 E Pleasant St, Cynthiana, KY	859-234-7150	By Appointment Only	Y	N	N
Henderson	Henderson Fire Department	332 Washington Street, Henderson, KY	270-831-1270	By Appointment Only	N	Y	Y
Henderson	KY State Police Post 16	8298 Keach Dr, Henderson, KY	270-826-3312	By Appointment Only	N	Y	Y

Henry	KY State Police Post 5	160 Citation Lane, Campbellsburg, KY	502-532-6363	By Appointment Only	N	Y	N
Hopkins	KY State Police Post 2	1000 WESTERN KY PKWY, Nortonville, KY	270-676-3313	By Appointment Only	Y	N	Y
Hopkins	Madisonville Fire Department	98 E Center Street, Hokinsville, KY	270-824-2148	By Appointment Only	Y	N	Y
Jackson	Whitehouse Clinic	McKee, KY		By Appointment Only	Y	N	N
Jefferson	Highview Fire Department	Louisville, KY		By Appointment Only	N	Y	Y
Jefferson	AAA	921 Whittington Parkway, Louisville, KY	502-779-3610	By Appointment Only	N	Y	Y
Jefferson	Catholic Charities of Louisville	Louisville, KY		By Appointment Only	N	Y	Y
Jefferson	Family Health Center	2115 Portland Ave, Louisville, KY	502-772-8588	By Appointment Only	N	Y	Y
Jefferson	KY Transportation Cabinet-Dept of Hwys	8310 Westport Rd, Louisville, KY	502-210-5402	By Appointment Only	N	Y	Y
Jefferson	Norton Children's Hospital	315 E Broadway, Louisville, KY	502-629-7244	By Appointment Only	N	Y	Y
Jefferson	Norton Children's Medical Center	4910 Chamberlain Lane, Louisville, KY	502-446-5370	By Appointment Only	N	Y	Y
Jefferson	Norton Women & Children's Hospital	4001 Dutchman's Lane, Louisville, KY	502-629-7244	By Appointment Only	N	Y	Y
Jefferson	Ujima Neighborhood Place	3610 Bohne Ave, Louisville, KY	502-629-7244	By Appointment Only	N	Y	Y
Jefferson	Jeffersontown Police Dept	10410 Taylorsville Rd, Louisville, KY	502-267-0503	By Appointment Only	N	Y	Y
Jefferson	Family Health Center	834 E Broadway, Louisville, KY	502-569-2980	By Appointment Only	N	Y	Y
Jessamine	Nicholasville Fire Department	1022 S Main Street, Nicholasville, KY	859-885-5505	By Appointment Only	N	Y	Y
Johnson	Johnson County Helath Department	630 James Trimble Blvd, Paintsville, KY	606-789-2584	By Appointment Only	Y	N	N
Kenton	Lakeside Park/Crestvie w Hills Police	40 Towne Center Blvd, Crestview Hills, KY	859-331-5368	By Appointment Only	N	Y	Y
Kenton	Elsmere Fire Department	401 Garvey Ave, Elsmere, KY	859-342-7505	By Appointment Only	N	Y	Y
Kenton	Fot Mitchell Fire Department	2355 Dixie Hwy, Fort Mitchell, KY	859-331-1267	By Appointment Only	N	Y	Y
Kenton	Independence Fire District 1	1980 Delaware Crossing, Independence, KY	859-363-0434	By Appointment Only	N	Y	Y
Knox	Barbourville Police	Barbourville, KY		By Appointment Only	Y	N	Y
Knox	Knox County Health Department	261 Hospital Dr, Barbourville, KY	606-546-3486	By Appointment Only	Y	N	Y
Laurel	Cumberland Valley Area Development District	342 Old Whitley Road, London, KY	606-682-8743	By Appointment Only	Y	N	Y
Laurel	KY State Police Post 11	11 State Police Rd, London, KY	606-876-6622	By Appointment Only	Y	N	Y
Laurel	London Fire Department	London, KY		By Appointment Only	Y	N	Y
Lewis	KY River District Health Department	78 Maple Street, Hyden, KY	606-672-2393	By Appointment Only	Y	N	N

Lewis	Lewis County Health Department	185 Commercial Drive, Vanceburg, KY	606-796-2632	By Appointment Only	Y	N	N
Lincoln	Lincoln County Health Department	44 Health Way, Stanford, KY	606-365-3106	By Appointment Only	Y	N	N
Logan	Russellville Police	Russellville, KY		By Appointment Only	Y	N	N
Madison	KY State Police Post 7	699 Eastern Bypass, Richmond, KY	606-783-9542	By Appointment Only	Y	N	Y
Madison	Madison County Health Department	1001 Ace Dr, Berea, KY	859-228-2044	By Appointment Only	Y	N	Y
Madison	Richmond Fire Department	200 N Madison Ave, Richmond, KY	859-623-1164	By Appointment Only	Y	N	Y
Madison	Richmond Police Department	1721 Lexington Road, Richmond, KY	859-623-1162	By Appointment Only	Y	N	Y
Marion	Central KY Head Start	Lebonon, KY		By Appointment Only	Y	N	N
Marion	Marion County Health Department	516 N Spalding, Lebonon, KY	270-692-3393	By Appointment Only	Y	N	N
Marshall	Marshall County Health Department	265 Slickback Rd, Benton, KY	270-252-2725	By Appointment Only	Y	N	Y
Mason	Buffalo Trace District Health Department	130 E 2nd Street, Maysville, KY	606-564-9447 X134	By Appointment Only	Y	N	N
Montgomery	Montgomery County Fire/EMS	805 Indian Mound Dr, Mt Sterling, KY	859-498-1318	M-F 8am-4pm	Y	N	Y
Nelson	Bardstown Fire Department	220 N 5th Street, Bardstown, KY	502-349-6562	Appointments preferred	Y	N	Y
Owen	Three Rivers Health Department	510 S Main Street, Owenton, KY	502-484-5736	By Appointment Only	Y	N	N
Pendleton	Three Rivers Health Department	Falmouth, KY		By Appointment Only	N	Y	N
Perry	Hazard Police Department	200 Main Street, Hazard, KY	606-436-2222	By Appointment Only	Y	N	Y
Perry	KY State Police Post 13	100 Justice Drive, Hazard, KY	606-435-6069	By Appointment Only	Y	N	Y
Perry	Perry Co Sheriff's	481 Main Street, Hazard, KY	606-439-4523	By Appointment Only	Y	N	Y
Pike	Pikeville Fire Department	104 Chole Road, Pikeville, KY	606-437-5125	By Appointment Only	Y	N	Y
Pike	KY State Police Post 9	109 Lorraine Street, Pikeville, KY	606-433-7791	By Appointment Only	Y	N	Y
Pike	Pike County Health Department	119 River Drive, Pikeville, KY	606-437-5500	By Appointment Only	Y	N	Y
Pike	Pikeville City Police	101 Division Street, Pikeville, KY	606-437-5111	By Appointment Only	Y	N	Y
Pulaski	Department of Highways	1660 South Hwy 27, Somerset, KY	606-677-4017	By Appointment Only	Y	N	Y
Pulaski	Somerset-Pulaski County EMS	301 Hail Knob Road, Somerset, KY	606-679-6388	By Appointment Only	Y	N	Y
Rockcastle	MT Vernon Police	Mt Vernon, KY		By Appointment Only	Y	N	N
Rowan	KY State Police Post 8	1595 Flemingsburg Rd, Morehead, KY	606-784-4127	By Appointment Only	Y	N	Y
Russell	Lake Cumberland District Health Department	211 Fruit of the Loom Dr, Jamestown, KY	270-343-2181	By Appointment Only	Y	N	N

Scott	Georgetown Fire Department	101 Airport Road, Georgetown, KY	502-863-7831	By Appointment Only	N	Y	Y
Shelby	Norton Children's Medical Associates	150 Frankfort Rd, Shelbyville, KY	502-629-7244	By Appointment Only	N	Y	Y
Shelby	Shelby County Fire Department	200 Alpine Drive, Shelbyville, KY	502-633-6648	By Appointment Only	N	Y	Y
Shelby	Shelbyville Police Department	Shelbyville, KY		By Appointment Only	N	Y	Y
Warren	KY State Police Post 3	3119 Nashville Rd, Bowling Green, KY	270-782-2010	By Appointment Only	N	Y	Y
Warren	Medical Center EMS	210 E 3rd Street, Bowling Green, KY	270-202-8840	By Appointment Only	N	Y	Y
Whitley	Corbin Fire Department	805 S Main Street, Corbin, KY	606-523-6509	By Appointment Only	Y	N	Y
Whitley	Williamsburg Police Department	Williamsburg, KY		By Appointment Only	Y	N	Y
Woodford	Versailles Fire Department	131 S Locust St, Versailles, KY	859-873-5829	By Appointment Only	N	Y	Y
Total Stations	111						
*Rural Stations	57						
Urban Stations	54						
Top 40 Highway Safety Target	84						
* Counties designated Rural according to the U.S. Office of Management and Budget (OMB)							

In addition, KOHS assists in coordinating efforts with Safe Kids and Norton Children's Hospital for Car Seat Certification training. Those individuals interested in becoming certified technicians or maintaining their certification are encouraged to attend training classes in their region or attend the 2021 Kentucky LifeSavers Conference. The Kentucky Office of Highway Safety has continued their contracted Child Passenger Safety Liaison to coordinate the regional trainings throughout the state.

The KOHS will maintain a plan to recruit and retain child passenger technicians for the ongoing support of the CPS program for the Commonwealth of Kentucky:

- Market information on how and where to find available training classes to Safe Kids Chapter/Coalition Coordinators, CPS Coalition, and Kentucky CPS Instructors
- Identify and obtain funding to offer low-cost or free CPS training courses
- Child passenger safety seats and other CPS training materials are included in CPS projects as needed.
- Target training toward bi-lingual people, retailers, law enforcement, hospital staff, health departments and counties with a low level of certified technicians
- KOHS will promote CPS training to law enforcement agencies through Law Enforcement Liaisons

- KOHS will offer in person training session to give CPSTs an opportunity to acquire all CEUs needed for recertification
- KOHS CPSTIs will travel to locations where groups of CPSTs can obtain seat check offs for recertification
- During FY 2021 there will be an estimated minimum of 15 CPS technician training classes taught in Kentucky, with an estimated 180-225 student technicians trained.



(Child Passenger Safety Technician Certification Course)

Teen Driving Occupant Protection – High Risk

Teen Driving high risk is denoted by the number of teen driver crashes percentage against the total number of Kentucky’s crashes, factoring in fatality indicators of unbelted and impaired (drugs and/or alcohol), number of teen driver crashes ages 16-19 against the teen population for each year. KOHS considers this group high risk due to the number of unbelted fatalities and the percentage of crashes for the age group being over 13% threshold.

Teen Driving Crashes					
	2014	2015	2016	2017	2018
KY 15-19 Pop	284,753	286,795	287,950	287,470	288,944
% of Total Pop	6.45	6.48%	6.49%	6.45%	6.47%
Ttl Teen Driver Crashes	19,115	20,627	21,565	21,324	20,191
KY Ttl Crahses	127,326	136,338	140,547	136,979	134,285
% Teen Crashes/KY Ttl Crashes	15.01%	15.13%	15.34%	15.57%	15.04%
% of Licensed Drivers	7%	6%	7%	7%	6%
Teen Driver Involved Fatal Crashes	63	65	79	59	59
Teen Driver Fatality in Fatal Crashes	26	23	25	30	27
Unbelted Teen Driver	14	10	9	11	11
% Unbelted Fatality Teen Driver	54%	43%	36%	37%	41%
Data Source: US Census Fact Finder, KY Transportation Center					

KOHS will employ the following strategies towards the reduction and increased awareness of the fatality rate of teen drivers:

- Development and implementation of the *Checkpoints Teen Driver* Program in partnership with the Kentucky Injury Prevention and Research Coalition. We are piloting the program in two of the high-risk counties this fiscal year.

- Development and distribution of a Teen Driver and Parent Primer describing the regulations and rules for the Graduated Driver Licensing process and each parties roll in the process.
- Promotion of media materials via sports marketing, digital media channels in counties with high collision rates above the state average involving teenage drivers.
- School level education with the Education branch on Distracted Driving, Occupant Protection and Impaired Driving to the TOP 20 counties.
- Enforcement Saturation patrols for Occupant Protection and Speeding enforcement based on the TOP 40 counties.
- Participation in the CIOT and DSOGPO national enforcement periods, with both full year grantees and half year grantees.

Rural Roadway Occupant Protection - High Risk

Section 1112 of MAP-21 changed the definition of a “high risk rural road” in 23 USC 148(a)(1) to “any roadway functionally classified as a rural major or minor collector or a rural local road with significant safety risks, as defined by the State in accordance with the updated State strategic highway safety plan”. The definition of HRRR in FAST Act is still limited to the same functional classifications under MAP-21. Roads with “significant safety risks” will become roadways designated as HRRR’s. The HRRR program, also established a Special Rule for high-risk rural road safety under 23 USC 148(g). This rule was continued with the Fixing America’s Surface Transportation Act (FAST Act), and requires a State to obligate a certain amount of funds on HRRRs if the fatality rate on its rural roads increases.

To determine what a “significant safety risk” is, the state developed its own methodology and per the FACT Act and FHWA guidance, has defined it as targeted roadways that have crash rates of fatalities and serious injuries that exceed the statewide average, or will have an increase in traffic volume likely to create a crash rate above the average on rural major, minor, local and collectors.

Rather than being dependent on the forecast rating based on crashes per million VMT. KYTC with guidance from the KOHS and HSIP offices and for the purposes of meeting the requirements to define HRRR in Kentucky as:

Any roadway functionally classified as a rural major collector, rural minor collector, or rural local road, and within the most recent five year time period of available crash data has had at least X crashes resulting in fatalities (K) or incapacitating injures (A); or has had one serious injury crash within a Y mile long segment of such roadway class:

Where:

X = 1

Y = 1/R

R = Statewide average frequency of K+A crashes per mile of such roadways over a 5 year period

For the purposes of meeting the guidance from FHWA and in support of the Commonwealth of Kentucky’s SHSP. This definition will be adopted as the HRRR definition for use by the HSIP group, when reviewing HRRR crashes and project development.

Based on this definition, Kentucky’s fatality rate based on rural vs. urban environments:

Kentucky Fatal Crash Locations						
Environment	2014	2015	2016	2017	2018	% of Total Crashes
Rural	373	411	400	396	375	55%
Urban	299	350	363	325	289	45%
Total	<u>672</u>	<u>761</u>	<u>763</u>	<u>721</u>	<u>664</u>	
Rural Crashes	46,307	48,515	49,833	48,539	48,496	36%
Urban Crashes	81,019	87,823	90,714	88,440	85,789	64%
KY Total Crashes	<u>127,326</u>	<u>136,338</u>	<u>140,547</u>	<u>136,979</u>	<u>134,285</u>	
Data Source: KY Transportation Center Traffic Collision Facts Report						

KOHS has select High Risk Rural Roads due to the over representation of fatal crash rate against the total crash number.

KOHS will employ the following strategies:

- Participation in the national CIOT and DSPGPO enforcement periods.
- Funding of Occupant Protection grants in full year and 6 month grants in designated counties.
- Funding of Saturation patrols along designed corridors of high crash rate as designated by the HSIP group in the KY Transportation Operations Division.
- Local Hero’s Media campaigns with a specific focus on seat belt usage in the designated counties.
- Media emphasis on Occupant Protection and Impaired Driving in the TOP 40 counties based on DUI Crash and OP Crash rates.

NIGHTTIME OCCUPANT PROTECTION ENFORCEMENT

	All Fatalities			Fatalities - Restraint Not Used			All KY Crashes		
	Day	Night	Total	Day	Night	Total	Day	Night	Total
2014	280	392	672	123	157	280	74,244	76,650	150,894
2015	358	403	761	149	157	306	78,888	82,209	161,097
2016	390	444	834	162	164	326	80,629	84,345	164,974
2017	323	459	782	125	165	290	79,209	82,126	161,335
2018	358	366	724	145	132	277	79,130	78,766	157,896
Day = 3:00 AM – 2:59 PM; Night = 3:00 PM to 2:59 AM									
Data Source: KY Transportation Center									

The overall nighttime occupant protection is of a concern due to the number of fatal accidents that occur at night time are over represented by nighttime fatalities and that a large percentage on average occur on road class designated as High Risk Rural Roads as cited in the Kentucky Strategic Highway Safety Plan.

Strategies that will be used to reduce the number or rate of fatalities or serious injuries for night time occupant protection are:

- Requirement of all 405B grantees to utilized 50% of funds for nighttime OP saturation patrols from 3pm until 3am.
- Participation in the NHTSA CIOT national enforcement campaign.
- All KY Office of Highway Safety Grantees will be required to conduct a minimum of one night time seat belt detail (outside of saturation patrol) targeting night time seat belt use.
- Participation in a minimum of one nighttime seat belt enforcement detail (outside of saturation patrol).
- Develop focused enforcement corridors where the crash rate with no seatbelt use is higher than roadways of similar classification based on state average.
- Increase behavioral norming messages and media delivery in off enforcement periods.

OCCUPANT PROTECTION PROJECTS

Project Number: M2HVE-2021-00-00-(1-9)

Project Title: Local Law Enforcement Occupant Protection Programs

Description: These grants will allow nine local agencies to work highway safety enforcement focusing on occupant protection in the following counties: Barren, Fayette, Lyon, Madison, Oldham, Perry, Pike, Pulaski, and Shelby. In addition to funds for salaries/benefits and fuel costs, grant budgets will include funding for equipment that is needed in order to reach grant goals.

According to NHTSA’s *Countermeasures that Work, 9th edition*, sustained enforcement programs focused on seat belt use laws have a 3-star effectiveness rating. Short-term, high visibility belt enforcement periods such as *Click it or Ticket* merit 5-stars. A combination of publicized short-term enforcement and nighttime enforcement is rated at 4 stars. KOHS law enforcement grantees are required to engage in all of the above strategies. Grant contracts specify that at least 50% of enforcement hours must be during nighttime hours (1500 – 0300). As described in Part A of this document, KOHS

ensures effective and proper implementation of all enforcement activities through careful project selection and monitoring.

Budget: \$237,217.60 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-10

Project Title: Corbin Fire Department

Description: This grant to the Corbin will assist with the ongoing partnership with the Cumberland Valley Area Development District. These two agencies work in partnership to provide Child Passenger Safety services, education and instruction to not only the City of Corbin, but surrounding Counties and communities as well. The grantee will utilize funding to conduct child safety seat checkups, instruct and certify new CPS technicians, and to distribute child safety seats to low-income families who are not able to afford them. According to the NHTSA publication, *Countermeasures that Work*, 9th edition, child restraint inspection stations and distribution programs have a 2 star rating. A network of such stations is a required component for Section 405 occupant protection eligibility.

Budget: \$5,800.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-11

Project Title: Cumberland Valley Area Development District Occupant Protection

Description: This project will address child passenger safety and low seat belt usage among teens in an eight-county area in southeastern Kentucky (Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle and Whitley counties). The grant will fund partial salary and travel expenses for the project director to provide CPS technical assistance at public check-up events and to instruct/co-instruct the 32-hour CPS certification course to prospective CPS technicians. Funding will be available to distribute child safety seats to the low-income families who are not able to afford them. The project also includes conducting programs to improve low seat belt usage in high schools, with pre and post –intervention surveys used to measure progress.

According to the NHTSA publication, *Countermeasures that Work*, 9th edition, school programs to improve seat belt usage have a 3-star effectiveness rating, but enforcement is a key ingredient of programs even among school age children. Child restraint inspection stations and distribution programs have a 2 star rating, but are a required element for states to qualify for 405 funding. The grantee’s program fills a need in this region of the state, where there are very few CPS instructors and a population under-served by CPS fitting resources.

Budget: \$59,705.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-12

Project Title: Glasgow Police Department

Description: This grant to the Glasgow Police Department will utilize funding to conduct child safety seat checkups, instruct and certify new CPS technicians, and to distribute child safety seats to the low-income families who are not able to afford them. The City will focus on improving booster seat usage among children under age 7 and 50 inches in height. The grant activity will also focus on those locations more rural in nature, and also those with the lowest usage rates. Caregiver education about Kentucky's Booster Seat Law be a primary component of the grant efforts, in addition to providing information regarding a correlation between parents/caregivers that are not wearing seatbelts with children that are not properly restrained. According to the NHTSA publication, *Countermeasures that*

Work, 9th edition, child restraint inspection stations and distribution programs have a 2 star rating. A network of such stations is a required component for Section 405 occupant protection eligibility.

Budget: \$12,630.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-13

Project Title: Grayson County Health Department

Description: This grant to the Grayson County Health Department will utilize funding to conduct child safety seat checkups, instruct and certify new CPS technicians, and to distribute child safety seats to the low-income families who are not able to afford them. Education classes will be provided to expectant mothers and fathers on child passenger safety, and also to high school students on child passenger safety, occupant protection and distracted driving. GCHD will collaborate with at least two community partners in both the local medical and childcare service providers to help with both education and networking. According to the NHTSA publication, *Countermeasures that Work*, 9th edition, child restraint inspection stations and distribution programs have a 2 star rating. A network of such stations is a required component for Section 405 occupant protection eligibility. School programs to improve seat belt usage have a 3 stars rating (enforcement is a key ingredient).

Budget: \$12,247.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-14

Project Title: Knox County Health Department

Description: This grant to the Knox County Health Department, in conjunction with the Knox County Child Fatality Review Board, the City of Barbourville, and the City of Corbin, will utilize funding to conduct child safety seat checkups, instruct and certify new CPS technicians, and to distribute child safety seats to the low income families who are not able to afford them. According to the NHTSA publication, *Countermeasures that Work*, 9th edition, child restraint inspection stations and distribution programs have a 2 star rating. A network of such stations is a required component for Section 405 occupant protection eligibility.

Budget: \$4,460.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-15

Project Title: Madison County Health Department

Description: Coordinated by the Madison County Health Department, this project will continue to implement a long-standing program of traffic safety education in the community through programs and outreach at local schools and colleges, Health Department clinics, Madison County Safety City, and community events. In addition, funding will be available to distribute child safety seats to the low-income families who are not able to afford them. The Health Department's safety education program director will head the Madison County Safety Coalition and will continue to collaborate with a number of civic, professional and educational organizations, law enforcement agencies, etc. to reach all segments of the population, emphasizing the following areas: seat belt and proper child passenger restraint usage and distracted driving. The project includes gathering local seat belt usage and child seating position data through observational surveys and maintaining CPS fitting stations at health department clinics in Berea and Richmond. Grant will primarily fund salaries/benefits and training for members of the safety education team. The main strategies encompassed by this project are rated as follows, according to the NHTSA publication, *Countermeasures that Work*, 9th edition:

- School programs to improve seat belt usage: 3 stars (enforcement is a key ingredient)
- Child restraint inspection stations: 2 stars; however a network of such stations is a required component for states to qualify for Section 405 funding

The applicant has collected their own data that show improvement in seat belt usage rates among high school students, as well as increased placement of elementary school children in rear seating positions following their interventions. Several of their other programs are recommended in NHTSA's guide for Safe Communities and guidelines published by the Prevention Institute.

Budget: \$39,700.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-16

Project Title: Marshall County Health Department

Description: This grant to the health department will utilize funding to conduct child safety seat checkups, instruct and certify new CPS technicians in the Purchase Area Development District (Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Marshall, and McCracken Counties), and to distribute child safety seats to the low income families who are not able to afford them. The MCHD will make available highway safety programs (including the topics of occupant protection, distracted driving, bicycle and pedestrian safety) and Child Passenger Safety Technician courses by contacting at least one organization and/or school in each of the eight counties in the Purchase District to inform about the programs, and to continue the programs in the organizations and/or schools. They will also continue the work of an Occupant Protection safety coalition composed of community members working in the field of child passenger safety and bicycle and pedestrian safety, including fire fighters, police officers, and other first responders in the Purchase District Area, in conjunction with an existing health coalition in the Purchase District Area. The NHTSA's 9th edition of *Countermeasures That Work* gives child restraint distribution programs a 2-star effectiveness rating. The project director plans to provide occupant protection education to school children and to the general public by conducting programs such as Ghost Outs, Mock Crash/Trials, D-2 simulators, and Rollover Simulators which according to NHTSA's 9th edition of *Countermeasures That Work* handbook has an effectiveness rating of 3 stars.

Budget: \$34,150.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-17

Project Title: Norton Children's Hospital

Description: This continuation grant will provide partial funding for a Registered Nurse as a CPS specialist/instructor and a part-time Health Educator, who will both work from Norton Children's Hospital in Louisville to provide CPS instruction assistance throughout the state.

In the upcoming year, the CPS Specialist will collaborate with the hospital's regional trauma center to review medical records of children treated for injuries resulting from motor vehicle crashes. This data will be used to develop teaching priorities to address the latest child injury trends. Project staff will offer continuing education classes to Norton nursing staff and to CPS technicians statewide, as well as host car seat classes for parents of infants. The CPS Specialist will lead instruction for kindergarten students and their parents regarding booster seats to address a growing concern with injuries of 5-7 year olds. They will continue to provide three permanent fitting stations at Norton hospital facilities in Jefferson County and to provide assistance for the special needs car seat services for health

agencies statewide. Funding will also be available to distribute child safety seats to the low-income families who are not able to afford them. The grant will cover 50% of the time for the CPS coordinator, and a part-time salary for a CPS Educator, travel/training, child restraint checkup supplies and backless booster seats. According to the NHTSA publication, *Countermeasures that Work*, 9th edition, child restraint inspection stations and distribution programs have a 2 star rating. A network of such stations is a required component for Section 405 occupant protection eligibility.
Budget: \$65,800.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-18

Project Title: The Nest Regional Child Passenger Safety and Teen Driving Project

Description: This grant to the Nest Center For Women, Children and Families, will utilize funding through two categories – Child Passenger Safety and Education and Outreach, in the areas of occupant protection (including CPS), Graduated Drivers Licensing (GDL), teen driving, tween safety, and hot car deaths (PVH). The grantee will conduct child passenger safety use surveys, support and assist agencies in providing child safety seat checkups, distribute child safety seats to the low-income families who are not able to afford them. Recruit and coordinate training for new CPS technicians. Education classes will be provided to both rural and urban populations, including health care organizations, after school program providers, childcare organizations and providers, foster care and guardian support groups, parenting education classes and targeted education to non-English speaking communities. The Nest will collaborate with community partners and agencies in both the health care and childcare service providers to help with both education and networking. According to the NHTSA publication, *Countermeasures that Work*, 9th edition, child restraint inspection stations and distribution programs have a 2 star rating. A network of such stations is a required component for Section 405 occupant protection eligibility. School programs and education to improve seat belt usage have a 3 stars rating (enforcement is a key ingredient).

Budget: \$50,740.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-19

Project Title: Kentucky State Police – Occupant Protection

Description: This project will fund seat belt enforcement during the months of October 2019, November 2020, March 2020 and July 2020. Special emphasis will be in the top 25 counties with the lowest seat belt usage and in areas where there are high numbers of fatal and injury crashes. The grant will also allow 50 troopers/CVE officers to become trained and certified as Child Passenger Safety technicians through SAFE KIDS. As noted above, short-term, high visibility belt enforcement periods such as this are a 5-star-rated activity.

Budget: \$470,460.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-20

Project Title: Kentucky Transportation Center Seat Belt Usage Surveys

Description: Researchers will conduct observational surveys at selected sites in a sample of counties using a NHTSA-approved methodology. Observations will be conducted in the early summer of 2021 beginning immediately after the *Click it or Ticket* campaign. Data will be used to calculate an average statewide seat belt usage rate for all front seat occupants. Complete results of the survey will be published in a summary report.

Budget: \$80,450.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-21

Project Title: Child Passenger Safety (CPS) Coordinator

Description: The main purpose of this position is to plan, implement and evaluate the activities of the Kentucky Safe Kids and serve as an expert on child passenger safety. These functions are directly related to the agency's mission to protect and promote health and prevent disease and injury. The coordinator will assist the Kentucky Office of Highway Safety (KOHS) and other health departments in conducting child safety seat checkups, instruct and certify new CPS technicians throughout the state, and to distribute child safety seats to low income families who may not be able to afford them. In addition, "scholarship" funding has been established under this grant to assist other organizations with CPS trainings and certifications. The NHTSA's 9th edition of *Countermeasures That Work* gives child restraint distribution programs a 2-star effectiveness rating. The project director plans to provide occupant protection education to school children and to the general public by conducting programs such as Ghost Outs, Mock Crash/Trials, D-2 simulators, and Rollover Simulators which according to NHTSA's 9th edition of *Countermeasures That Work* handbook has an effectiveness rating of 3 stars.

Budget: \$94,300.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-22

Project Title: Occupant Protection Coordinator

Description: The KOHS Occupant Protection Coordinator serves as the statewide resource to assist the management staff, grants staff and education staff regarding the occupant protection (OP, seat belts survey) and child passenger safety (CPS) in the Kentucky Office of Highway Safety (KOHS). The position responsibilities include long and short-range program planning, grant development, budget development and oversight. Duties include conduct monitoring and providing technical assistance to the Kentucky Occupant Protection Taskforce (KOPTF), Kentucky Injury Prevention and Research Center committee chair, grantees, staff and lawmakers. This position will make periodic reports representing the Kentucky Office of Highway Safety at the local, state and the National Highway Safety Administration meetings and conferences.

Budget: \$90,000.00 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-23

Project Title: Occupant Protection- Click it or Ticket Awards

Description: These funds will be used to develop and run a highly targeted statewide occupant protection media campaign (Local Heroes) supporting the national *Click it or Ticket* campaign. Creative elements will feature law enforcement officers in (1) low seat belt usage rate counties, and/or (2) counties with an overrepresentation of unrestrained collisions, injuries or fatalities, and/or (3) residential counties of at-fault unrestrained drivers. The following media formats will be considered for reaching target audiences in each county: network and cable television, radio, digital, social media and out-of-home elements. In addition, the buckle up message will be reinforced to pickup truck drivers, our lowest seat belt usage vehicle type, by sponsoring the Buckle Up in Your Truck 225 NASCAR race at the Kentucky Speedway in July. As indicated in NHTSA's 9th edition of *Countermeasures That Work*, communications and outreach supporting enforcement are consistently demonstrated effective (5-star rating).

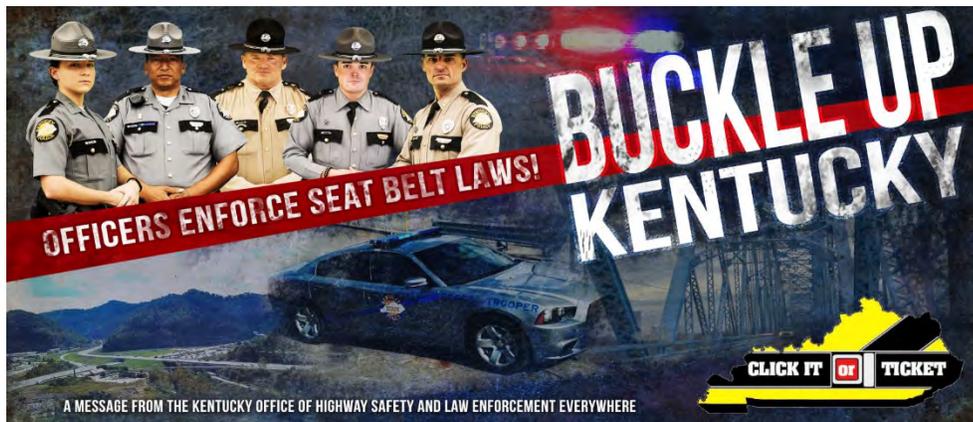
Budget: \$25,000 (FAST ACT 405B)

Project Number: M2HVE-2021-00-00-24 and M2HVE-2021-00-00-25

Project Title: Occupant Protection Paid Media

Description: These funds will be used to develop and run a highly targeted statewide occupant protection media campaign (Local Heroes) supporting the national *Click it or Ticket* campaign. Creative elements will feature law enforcement officers in (1) low seat belt usage rate counties, and/or (2) counties with an overrepresentation of unrestrained collisions, injuries or fatalities, and/or (3) residential counties of at-fault unrestrained drivers. The following media formats will be considered for reaching target audiences in each county: network and cable television, radio, digital, social media and out-of-home elements. In addition, the buckle up message will be reinforced to pickup truck drivers, our lowest seat belt usage vehicle type, by sponsoring the Buckle Up in Your Truck 225 NASCAR race at the Kentucky Speedway in July. As indicated in NHTSA's 9th edition of *Countermeasures That Work*, communications and outreach supporting enforcement are consistently demonstrated effective (5-star rating).

Budget: \$400,000.00 (FAST ACT 405B)



POLICE TRAFFIC SERVICES

To provide law enforcement agencies with the resources necessary to implement speed and other enforcement programs. This strategy is also one of our aggressive driving emphasis area strategies in our SHSP.

- To raise public awareness about the dangers and penalties for speeding through educational outreach activities and media opportunities. This strategy is also one of our aggressive driving emphasis area strategies in our SHSP.
- To coordinate a statewide summer enforcement campaign during the month of July focusing on speeding, impaired driving and occupant protection through saturation patrols, traffic safety checkpoints and media. This strategy is also one of our aggressive driving emphasis area strategies in our SHSP.

- To encourage all law enforcement agencies to follow established guidelines for vehicular pursuits issued by the IACP [(23 USC 402 (b) (1) (E))] during our regional workshops and through our LEL network.

POLICE TRAFFIC SERVICES PROJECTS

Project Number: PT-2021-00-00-01 through PT-2021-00-00-04

Project Title: Kentucky Association of Chiefs of Police—Northern, Eastern, Western, Central Law Enforcement Liaisons (LEL)

Description: These grants will fund four full-time LEL’s to serve as a field agent to KOHS, with responsibility for designated counties within the Northern, Eastern, Western and Central regions of the state. Each LEL will continue to serve as a resource for all types of traffic safety information, promote and facilitate agency participation in national enforcement mobilizations and events sponsored by the Office of Highway Safety, assist in monitoring law enforcement agency grantees’ performance, and help coordinate traffic safety-related activities between agencies. Each grant includes personnel costs, travel/training expenses and office equipment. Additionally they will provide law enforcement projects with lasers, radars, PBT’s, traffic safety checkpoint kits and other allowable equipment where needed

Budget: \$544,387.42 (FAST ACT 402)

Project Number: PT-2021-00-00-05 through PT-2021-00-00-77

Project Title: Local Law Enforcement Police Traffic Services Programs

Description: These grants will allow 72 local agencies to work highway safety enforcement focusing on speeding or multiple traffic safety issues in the following agencies:

Alexandria Police Department	LaGrange Police Department
Anderson County Sheriff’s Office	Lancaster Police Department
Barbourville Police Department	Larue County Sheriff’s Office
Benton Police Department	Lexington Police Department
Boone County Sheriff’s Office	London Police Department
Bourbon County Sheriff’s Office	Louisville Metro Police Department
Boyd County Sheriff’s Office	Loyall Police Department
Bullitt County Sheriff’s Office	Lyon County Sheriff’s Office
Cadiz Police Department	Madison County Sheriff’s Office
Calloway County Sheriff’s Office	Mayfield Police Department
Campbell County Police Department	Maysville Police Department
Catlettsburg Police Department	Middlesboro Police Department
Christian County Sheriff’s Office	Montgomery County Sheriff’s Office
Clark County Sheriff’s Office	Mt. Sterling Police Department
Covington Police Department	Mt. Vernon Police Department
Crittenden County Sheriff’s Office	Mt. Washington Police Department
Danville Police Department	Murray Police Department
Erlanger Police Department	Newport Police Department
Frankfort Police Department	Nicholasville Police Department

Franklin County Sheriff's Office	Oldham County Sheriff's Office
Ft. Mitchell Police Department	Olive Hill Police Department
Ft. Thomas Police Department	Owensboro Police Department
Graves County Sheriff's Office	Paducah Police Department
Grayson County Sheriff's Office	Paris Police Department
Grayson Police Department	Pineville Police Department
Greensburg Police Department	Prestonsburg Police Department
Greenville Police Department	Raceland Police Department
Harlan Police Department	Radcliff Police Department
Harrodsburg Police Department	Rockcastle Police Department
Henderson Police Department	Russell County Sheriff's Office
Hodgenville Police Department	Shepherdsville Police Department
Hopkinsville Police Department	Trigg County Sheriff's Office
Jackson Police Department	Versailles Police Department
Johnson County Sheriff's Office	Villa Hills Police Department
Kenton Police Department	Warren County Sheriff's Office
Knott County Sheriff's Office	Williamsburg Police Department

The Kentucky State Police will cover all remaining areas of the state. In addition to funds for salaries and benefits, many of these agencies will also receive funds for the purchase of traffic enforcement equipment (such as preliminary breath testing devices, in-car video cameras, or radars). According to the NHTSA publication, *Countermeasures That Work*, 7th edition, high visibility enforcement campaigns targeted toward aggressive driving behaviors (including speeding) are rated with two stars, meaning their effectiveness is undetermined, though several cited studies have reported reductions in crashes or reductions in speeding or other violations through such programs. The publication notes that this type of campaign shows promising trends. In addition, “in car video equipment in patrol cars allows law enforcement to record aggressive driving actions and can enhance the ability to prosecute and convict offenders,” and “laser speed measuring equipment can provide more accurate and reliable evidence of speeding.” As described in Part A of this document, KOHS ensures effective and proper implementation of all enforcement activities through careful project selection and monitoring. Maps are provided to each law enforcement agency indicating the roadways of their city/county having the highest number of speed crashes. They are instructed to devote the majority of their grant activity hours on these targeted roadways.

Budget: \$1,555,926.62 (FAST ACT 402)

Project Number: PT-2021-00-00-78

Project Title: Franklin County Sheriff Highway Safety Enforcement Pilot Project

Description: This grant will allow the KOHS to fund 2080 hours of traffic safety enforcement focusing on occupant protection, speed, and DUI enforcement. Franklin County Sheriff's Office will concentrate efforts throughout Franklin County targeting problem areas. In addition to funds for salaries/benefits and fuel costs, grant budgets will include funding for vehicle maintenance, equipment needed to work and training conferences related to highway safety.

Budget: \$90,580.70 (FAST ACT 402)

Project Number: PT-2021-00-00-79

Project Title: Erlanger NKY I-75 Corridor Project

Description: Reducing the number of traffic crashes occurring on the I-75 Corridor in Kenton County by saturation patrol. Agencies in participation will include Covington Police Department, Fort Mitchell Police Department, Kenton County Police Department, Erlanger Police Department, Park Hills Police Department and Villa Hills Police Department. Monthly blitzes will occur with all agencies having a presence on I-75.

Budget: \$141,580.00 (FAST ACT 402)

Project Number: PT-2021-00-00-80

Project Title: Kentucky State Police SPEED Selective Traffic Enforcement Program

Description: KSP will use a selective enforcement approach directed toward violations that contribute to fatality and serious injury crashes. Enforcement will be throughout the state, but with special emphasis on the top 40 counties. Enforcement will also be focused on roadways that have the highest number of speeding-related crashes, fatalities and injuries. This grant will pay for enforcement, fuel costs, new radar units with mounts and handheld units. See above entry for relevant information from *Countermeasures That Work*. KSP monitors the roadways having the highest number of speed crashes and targets those roadways during grant activity. KOHS provides KSP a map indicating the counties where we have highway safety partners. We instruct KSP to increase their enforcement hours in counties in the top 40 problem areas and in those counties where there are no local agencies participating in highway safety.

Budget: \$615,640.80 (FAST ACT 402)

Project Number: PT-2021-00-00-81

Project Title: KSP Advanced Collision Reconstruction

Description: The KSP Advanced Collision Reconstruction Program provides full service collision investigation and analysis throughout the commonwealth for agency personnel, in other requesting local law enforcement agency, as well as any prosecutor seeking assistance with any matter involving collisions. The program consist of Reconstructionist assigned to one of the 16 KSP Post throughout Kentucky that respond to serious collisions as they occur. This grant funds crash data retrieval software/hardware updates, CAD software updates, Unmanned Aerial Systems, GNSS Total Stations, Pix4D Software, Trimble Reconstruction Software, laptop computers and training for officers to make this project possible.

Budget: \$177,910.50 (FAST ACT 402)

Project Number: PT-2021-00-00-82

Project Title: KSP Data Collection

Description: This project is for the Kentucky Office of Highway Safety to request accurate data pulls involving crashes, fatalities, citations, and arrest for fiscal year 2021. These pulls most commonly will reference information requested from aggressive driving, distracted driving, impaired driving, occupant protection, roadway departure, and vulnerable road users.

Budget: \$16,600.00 (FAST ACT 402)

Project Number: PT-2021-00-00-83

Project Title: University of Kentucky – Kentucky Transportation Center - Crash Analysis

Description: The University of Kentucky Transportation Center will continue to analyze data from the statewide CRASH (Collision Report Analysis for Safer Highways) database, to develop two publications that are widely used by highway safety professionals and researchers. *Analysis of Traffic Crash Data in Kentucky* is a compilation of five years of statewide and county crash data, organized into dozens of reference tables. *Kentucky Traffic Collision Facts* presents characteristics of crashes for the most recent year and includes information such as driver age and sex, contributing factors, restraint usage in crashes, and types of vehicles involved.

Budget: \$75,000.00 (FAST ACT 402)

Project Number: PT-2021-00-00-84

Project Title: University of Kentucky – State Highway Strategic Plan (SHSP)

Description: This project will continue to support the implementation of the SHSP through many efforts by:

- Educating drivers about safe behavior
- Law enforcement agencies enforcing traffic safety laws
- Reducing the severity of those crashes that do occur through infrastructure improvements
- Provide timely, well equipped Emergency Medical Services
- Legislation focused on safer transportation

Our goal for this plan is for everyone that reads it to understand how they can contribute to help prevent serious injury crashes and deaths on Kentucky’s roadways.

Budget: \$50,000.00 (FAST ACT 402)

Project Number: PT-2021-00-00-85

Project Title: Lifesavers Conference

Description: In 2021, Kentucky is planning to hold the National Lifesavers Conference. The conference will offer a wide range of sessions in the areas of engineering, education, enforcement, and emergency response. Grant funds will cover planning and coordination, conference facility rental, meals, speaker fees, etc.

Budget: \$200,000.00 (FAST ACT 402)

Project Number: PT-2021-00-00-86

Project Title: EMS Assessment

Description: The purpose of this assessment is to describe EMS, EMS Emergency Preparedness, and 911 systems in Kentucky using existing data sources. Insight on current issues within EMS and disaster preparedness will be provided through the findings from expert panels. Additionally these expert panels will be used to better identify and define trends and industry patterns currently immeasurable with any existing data sources.

Budget: \$24,000.00 (FAST ACT 402)

Project Number: PT-2021-00-HY-00

Project Title: Half Year grants to state and local law enforcement

Description: These grants will allow state and local agencies to work highway safety enforcement focusing on occupant protection during the *Click It or Ticket* enforcement mobilization in May/June 2021 and impaired driving during *Drive Sober or Get Pulled Over* in August 2021 and December 2021. Kentucky State Police will cover remaining areas outside the selected agencies. Short-term, high visibility belt enforcement programs such as these for *Click it or Ticket* are designated a 5-star rating in the NHTSA publication, *Countermeasures That Work*, 7th edition. It also indicates that publicized saturation patrol and sobriety checkpoint programs have a 4-5 star effectiveness rating in deterring impaired driving.

Budget: \$200,000.00 (FAST ACT 402)

Project Number: PM-2021-00-00-01

Project Title: High Visibility Enforcement/Speed Paid Media

Description: These funds will be used to develop and run a two-week speed enforcement and awareness campaign targeting counties with a high number of speed-related crashes. The following media formats will be considered for reaching target audiences: radio, digital, social media, and out-of-home elements. According to the NHTSA publication, *Countermeasures That Work*, 9th edition, communication and outreach supporting enforcement for speeding/aggressive driving is a 3-star rated activity. As stated in the publication, “effective, high visibility communications and outreach are an essential part of successful speed and aggressive driving enforcement campaigns.” In addition, advertising will be purchased through paid media to sustain our highway safety messages throughout the year. These funds will pay a portion of in-house contracts with the following organizations:

- University of Kentucky & Rupp Arena/JMI Sports Marketing
- University of Louisville & Louisville Arena/Learfield Sports Marketing
- Morehead State University
- Murray State University
- Western Kentucky University
- Eastern Kentucky University
- Kentucky Sports Radio
- Tony & Dwight Show on WHAS
- iHeart media/Blue Lights Across the Bluegrass Safe Summer Driving Campaign

Budget: \$417,500.00 (FAST Act 402)

MOTORCYCLE SAFETY

- To use media to educate motorcyclists about the life saving benefits of wearing helmets and other protective equipment. This strategy is also one of our emphasis areas for motorcycles in our SHSP.

- To use media to increase motorists’ awareness of the need to look out for motorcyclists and to “share the road” with motorcyclists. This strategy is one of our emphasis areas for motorcycles in our SHSP.

Motorcycle Fatalities by NOT single vehicle, Alcohol & Crashes

County	2016 Motorcycle Crashes	2016 Motorcycle Crashes - NOT Single Vehicle	2016 Motorcycle Fatal Crashes	2016 Motorcycle Fatal Crashes Alc. Involved	2017 Motorcycle Crashes	2017 Motorcycle Crashes - NOT Single Vehicle	2017 Motorcycle Fatal Crashes	2017 Motorcycle Fatal Crashes Alc. Involved	2018 Motorcycle Crashes	2018 Motorcycle Crashes - NOT Single Vehicle	2018 Motorcycle Fatal Crashes	2018 Motorcycle Fatal Crashes Alc. Involved
JEFFERSON	328	255	18	2	282	209	24	2	246	183	11	2
FAYETTE	123	91	5	0	114	73	5	0	91	65	3	0
BOONE	63	33	3	2	76	37	0	0	34	17	1	0
HARDIN	62	32	3	0	47	26	1	0	58	32	3	0
KENTON	58	40	0	0	46	32	2	1	48	24	4	1
DAVIESS	54	30	0	0	43	25	1	0	40	29	0	0
WARREN	47	29	3	1	59	34	1	0	52	28	2	0
MCCRACKEN	47	33	3	0	38	17	1	0	39	22	0	0
MADISON	37	16	3	1	28	15	1	1	26	9	1	0
CAMPBELL	33	17	4	0	31	14	2	0	24	16	1	0
CHRISTIAN	33	12	0	0	31	18	2	0	36	14	2	0
BULLITT	32	15	1	0	26	14	2	0	31	11	1	0
HENDERSON	26	15	4	0	17	11	0	0	15	12	0	0
PIKE	24	15	1	0	18	8	1	0	22	10	5	1
LAUREL	23	14	2	0	26	16	2	0	34	25	3	0
BOYD	20	12	1	0	31	21	3	1	18	12	2	0
JESSAMINE	20	11	1	0	16	5	0	0	10	4	0	0
WHITLEY	19	7	1	0	22	13	1	0	23	10	1	0
FRANKLIN	19	9	0	0	23	14	2	1	13	8	1	0
GRAYSON	19	7	0	0	8	4	0	0	8	4	1	1
SCOTT	18	4	1	0	20	11	0	0	25	13	1	0
ROWAN	18	7	1	0	11	6	0	0	5	2	1	0
BARREN	18	9	0	0	21	11	0	0	9	5	1	0
MUHLENBERG	17	10	2	0	15	6	1	0	13	5	1	0
HOPKINS	17	9	1	0	22	10	0	0	18	9	0	0

OLDHAM	17	5	1	1	18	11	1	0	7	3	0	0
PERRY	16	9	2	0	11	6	0	0	9	6	1	0
PULASKI	15	8	2	0	25	13	2	0	26	19	0	0
NELSON	15	9	1	1	17	9	0	0	14	7	1	0
GRANT	15	5	0	0	14	6	0	0	7	3	1	1
MARSHALL	15	6	0	0	11	5	1	0	13	6	2	0
WOODFORD	15	7	0	0	11	3	0	0	7	2	1	0
BELL	14	5	0	0	8	2	0	0	7	1	2	0
HARLAN	13	4	2	1	4	3	0	0	11	4	1	0
CALLOWAY	13	7	1	0	14	4	0	0	14	4	0	0
SHELBY	13	5	0	0	17	11	0	0	20	10	0	0
FLOYD	13	3	0	0	7	3	3	0	11	5	2	0
CLARK	12	6	1	0	15	8	0	0	13	5	1	0
BOURBON	12	8	1	0	8	3	0	0	10	3	1	0
MONTGOMERY	12	6	0	0	9	6	1	0	4	0	1	0
TAYLOR	11	8	2	0	10	4	1	0	6	4	0	0
GRAVES	11	2	1	0	15	8	0	0	14	5	1	0
MARION	11	6	1	0	8	3	0	0	9	2	0	0
KNOX	11	4	1	0	8	4	0	0	7	5	0	0
TRIGG	11	5	1	0	5	2	0	0	6	0	0	0
PENDLETON	11	2	0	0	10	2	0	0	10	3	0	0
HARRISON	11	5	0	0	7	1	0	0	14	5	1	0
OHIO	10	5	2	0	17	6	1	1	10	2	0	0
ANDERSON	10	4	1	1	10	6	1	0	7	2	1	1
MEADE	8	4	2	1	8	3	2	0	6	2	1	0
UNION	8	4	2	1	1	0	1	1	4	1	0	0
POWELL	8	3	1	0	9	3	0	0	6	3	1	0
LAWRENCE	8	2	1	0	4	0	1	1	7	2	2	2
LYON	8	4	1	0	4	0	0	0	7	2	0	0
MERCER	8	2	1	0	1	0	0	0	7	2	0	0
BUTLER	7	3	2	0	2	1	0	0	4	2	1	0
GREENUP	7	0	1	0	12	3	0	0	3	1	0	0
CARTER	7	1	1	0	3	1	0	0	7	3	1	0
HANCOCK	7	2	1	0	2	1	1	0	0	0	0	0
LETCHER	7	1	0	0	13	3	1	1	11	3	1	0
ROCKCASTLE	7	2	0	0	11	5	1	0	10	5	1	0
CRITTENDEN	7	3	0	0	8	1	0	0	3	0	0	0
WAYNE	6	4	2	0	1	1	0	0	2	0	0	0
JOHNSON	6	2	1	0	6	2	1	0	6	4	0	0
GARRARD	6	5	1	0	1	1	0	0	7	5	1	0
BOYLE	6	3	0	0	10	5	1	0	8	7	0	0
GALLATIN	6	2	0	0	8	4	1	0	3	0	1	0
CALDWELL	6	4	0	0	8	5	0	0	7	2	0	0
LOGAN	6	2	0	0	6	1	0	0	5	3	0	0
SPENCER	6	5	0	0	5	0	0	0	7	1	0	0
LINCOLN	6	4	0	0	4	2	1	0	5	3	1	0
TODD	6	3	0	0	4	1	0	0	6	2	0	0
ALLEN	6	1	0	0	3	3	0	0	4	3	0	0
MASON	6	4	0	0	3	2	0	0	3	0	1	0
LARUE	5	4	1	0	5	4	0	0	2	0	0	0
CASEY	5	3	1	0	4	1	1	1	1	1	0	0
HART	5	2	1	1	4	1	0	0	7	1	0	0
HICKMAN	5	0	0	0	5	0	0	0	2	0	1	0
CUMBERLAND	5	3	0	0	4	2	1	0	1	0	0	0
OWEN	5	3	0	0	3	2	0	0	5	1	0	0
WOLFE	5	1	0	0	3	3	0	0	1	0	0	0
ADAIR	5	3	0	0	2	0	1	1	2	1	1	0
WASHINGTON	5	3	0	0	2	1	0	0	4	3	0	0
MENIFEE	5	3	0	0	0	0	0	0	1	1	0	0
TRIMBLE	4	2	1	0	4	1	0	0	6	1	1	0
METCALFE	4	1	1	0	4	1	0	0	5	1	0	0
BRACKEN	4	0	1	0	4	0	0	0	3	1	1	0
MORGAN	4	3	1	0	2	0	0	0	2	0	0	0
CLAY	4	0	0	0	8	1	1	0	6	5	0	0
ESTILL	4	2	0	0	6	5	1	0	1	0	0	0
RUSSELL	4	3	0	0	6	3	0	0	2	0	0	0

BRECKINRIDGE	4	3	0	0	5	5	0	0	4	0	0	0
JACKSON	4	1	0	0	2	1	0	0	4	3	0	0
BREATHITT	4	4	0	0	1	1	0	0	3	2	0	0
SIMPSON	3	2	1	0	7	3	0	0	7	5	0	0
MAGOFFIN	3	2	1	0	2	0	0	0	1	0	0	0
WEBSTER	3	1	0	0	4	1	0	0	3	0	0	0
FLEMING	3	2	0	0	3	1	1	0	3	2	0	0
KNOTT	3	1	0	0	3	0	0	0	7	2	2	0
EDMONSON	3	1	0	0	3	1	0	0	2	0	0	0
ELLIOTT	3	1	0	0	3	0	0	0	2	1	0	0
LIVINGSTON	3	0	0	0	2	2	0	0	7	1	1	0
MCLEAN	3	0	0	0	2	0	0	0	3	1	0	0
MARTIN	3	1	0	0	1	1	0	0	0	0	0	0
HENRY	2	0	1	1	6	1	0	0	8	5	0	0
CARROLL	2	0	0	0	4	1	0	0	1	1	0	0
CLINTON	2	1	0	0	4	0	0	0	1	1	0	0
NICHOLAS	2	1	0	0	3	3	1	0	1	1	0	0
BALLARD	2	0	0	0	3	1	0	0	3	1	0	0
GREEN	2	0	0	0	2	0	0	0	1	0	0	0
OWSLEY	2	1	0	0	0	0	0	0	1	0	0	0
MCCREARY	1	1	0	0	5	2	2	0	7	3	0	0
LEWIS	1	1	0	0	4	2	1	0	3	1	1	0
BATH	1	0	0	0	3	0	1	1	5	2	0	0
FULTON	1	1	0	0	1	1	0	0	1	1	0	0
LESLIE	1	1	0	0	1	0	0	0	0	0	0	0
ROBERTSON	1	0	0	0	1	1	0	0	0	0	0	0
MONROE	1	0	0	0	0	0	0	0	3	2	0	0
CARLSLE	0	0	0	0	1	0	0	0	3	1	1	0
LEE	0	0	0	0	1	1	0	0	1	1	0	0

Top 40 County based upon 2016-18 motorcycle crash data

MOTORCYCLE SAFETY PROJECTS

Project Number: M9MA-2021-00-00-01

Project Title: Motorcycle Safety Paid Media (Share the Road)

Description: These funds will be used to develop a radio, social media and digital campaign to alert drivers to watch for motorcycles, and to educate them on how to safely share the road. Public awareness will be concentrated in counties with the highest number of motorcycle registrations and counties with a high number of motorcycle-involved crashes. This project supports the goals and strategies within the Motorcycle emphasis area of our Strategic Highway Safety Plan (SHSP).

Budget: \$85,000 (FAST ACT 405F)

Project Number: MC-2021-00-00-01

Project Title: Motorcycle Safety Awareness of Protective Equipment

Description: These funds will be used to develop a radio, social media and digital campaign to promote helmet usage and protective equipment. Public awareness will be concentrated in counties with the highest number of motorcycle registrations and counties with a high number of motorcycle-involved crashes. This project supports the goals and strategies within the Motorcycle emphasis area of our Strategic Highway Safety Plan (SHSP).

Budget: \$85,000 (NHTSA 402)

Project Number: MC-2021-00-00-02

Project Title: Motorcycle Impaired Rider and Public Awareness Campaign

Description: These funds will be used for a Dial-A-Ride program, which utilizes relationships within the motorcycle community to establish a network of volunteers by which impaired riders can receive a free ride home with their motorcycle. The program administrator would help coordinate these activities by working with various bar/restaurant associations as well as motorcycle groups to help promote the service. Organizations would be engaged to provide drivers and equipment for the program. A 800 phone number would be set up and used for dispatching services. A network of volunteers and/or the program coordinator would dispatch a volunteer to the location of the impaired rider and transport that impaired rider along with their motorcycle to their home. If a volunteer is not available to transport the impaired rider then a local tow service will be contracted to provide the service by using standard tow rates used by the local municipalities. These funds will also be used for the Share the Road program to expand the current number of presenters and presentation equipment to cover each major population center within the state.

Budget: \$100,000 (NHTSA 402)



JUSTICE AND PUBLIC SAFETY CABINET

ANDY BESHEAR
GOVERNOR

125 HOLMES STREET, 2ND FLOOR
FRANKFORT, KENTUCKY 40601
(502) 564-7554
(502) 564-4840 - FAX

Justice MARY C. NOBLE
SECRETARY

May 14, 2020

Jason Siwula
Office of Highway Safety; Executive Director
200 Mero Street
Frankfort, KY 40622

Mr. Siwula,

Please be advised that KRS 15A.358 specifically states: motorcycle licensing fees received must be deposited into the Motorcycle Safety Education Program Fund; the use of these funds is restricted to motorcycle safety education; interest in the fund is maintained in the fund; and, funds are appropriated for this purpose. In addition, the Justice and Public Safety Cabinet's biennial budget appropriation reflects this expense as a line item for this purpose.

The current rider education program has approved, through a new series of RFPs, the Motorcycle Safety Foundation (MSF) and Total Control Training curricula programs to be used in the state. At this time, we have eight approved site providers and are looking to add more sites after passage of new administrative regulations governing the selection of sites. The current approved sites are located at:

- Kenton Co. – Balance Dynamics – Walton, KY
- Fayette Co. – Man-War Harley Davidson – Lexington, KY
- Laurel Co. -- Wildcat Harley Davidson – London, KY
- Knott Co. -- Sync Training – Hindman, KY
- Jefferson Co. – Bluegrass Harley Davidson – Louisville, KY
- Jefferson Co. – Kentuckiana Motorsports dba Derby City Training – Louisville, KY
- Jefferson Co. – Kentucky Driving School – Louisville, KY
- Warren Co. -- Bowling Green Harley Davidson – Bowling Green, KY
-

If you have any further questions regarding the program, please feel free to reach out to my office at any time.

Sincerely,

Executive Director
Justice and Public Safety Cabinet

DISTRACTED DRIVING

- To use media to educate drivers and motorcyclists about the dangers and consequences of driving or riding while distracted by use of handheld communication devices, inattention to the current surroundings or other activities that remove the drivers attention away from the activity of driving.
- KOHS will issue enforcement grants that have a high crash rate above the state average based on the TOP 40 counties methodology. These grants will be issued as mini grants throughout the year.

DISTRACTED DRIVING PROJECTS

Project Number: FESX-2021-00-00-01

Project Title: Distracted Driving Paid Media

Description: These funds will be used to develop a television, radio, social media and digital campaign coinciding with Distracted Driving Awareness Month in April, utilizing the message “Buckle Up/Phone Down.” This statewide campaign, which offers compelling stories from credible sources urging drivers to buckle up and put the phone down, will heavily target counties with the highest number of crashes related to distracted driving.

Budget: \$200,000.00 (FAST ACT 405E)

Project Number: FESX-2021-00-00-02

Project Title: Train the Trainer

Description: This project will be used to reach out to driver education teachers and driver education schools throughout the State of Kentucky and offer no cost, “Train the Trainer” seminar’s, to people attending the education events and seminars in Bowling Green, Kentucky. Also, offer no cost online educational teaching materials and information to driver education teachers who may be unable get to Bowling Green, KY. Work with Kentucky Office of Highway Safety to encourage participation in the training program. The training program would utilize existing teaching materials, owned by The Traffic Safety Education Foundation (TSEF), for program and curriculum content. The program would personally involve Andy Pilgrim, a nationally known traffic safety education expert and creator of the cutting edge traffic safety education materials.

Budget: \$83,750.00 (FAST ACT 405E)

Project Number: FESX-2021-00-00-03

Project Title: Kentucky Parents, Schools & Corporate Traffic Safety Initiative

Description: This project will be used to launch a safety campaign utilizing the internet, Social Media, TV and Radio, directed at parents with children of ALL ages, students and schools. The safety campaign information will have relevance for parents with children of ALL ages. This will include parents currently teaching (close to teaching) their children to drive, parents with children in grade 4 through grade 8 and even parents of newborns. A large part of the campaign would focus on Kentucky companies and their employees'. This focus has been remarkably successful over the last 2 years for Pilgrim and the TSEF. Pilgrim has a unique message. He weaves a family safety message, into the dangers associated with distracted driving behavior, combined with Corporate Liability issues. Expanding this messaging within the state of Kentucky is the goal for 2020. The campaign will also

focus on helping students in the learning to drive process, who may be looking for additional information to help them.

Budget: \$65,250.00 (FAST ACT 405E)

STATE TRAFFIC SAFETY RECORDS & INFORMATION SYSTEM IMPROVEMENTS

The new Kentucky Traffic Records Strategic Plan was finalized and set in place on June 30, 2017. This new document, and project, was conducted as part of the Assessment Program for Kentucky Traffic Records grant through the KY Transportation Center (KTC) with the University of Kentucky Research Foundation.

The Kentucky Traffic Records Assessment was conducted between March and June of 2017, with the final report delivered on June 16 and the report out on June 26, 2017. Any recommendations/considerations as a result of this Traffic Records Assessment will be incorporated into the new strategic plan as soon as possible. If strategies have not yet been developed to meet a particular recommendation/goal, Kentucky realizes its importance, and will identify partners best suited to assist in addressing each recommendation and to develop the appropriate plan of action.

KTRAC (TRCC) Membership:

Terry Bunn

Director
UK, KY Injury Prevention & Research Center
Database – EMS/Injury Surveillance

James Padgett

KAVIS Project Coordinator, Info Tech.
KY Transportation Cabinet
Database – Vehicle

Drew Chandler

Database Administrator
Kentucky Board of Emergency Medical Services
Database – EMS/Injury Surveillance

Darren Thacker

Regional Program Manager
National Highway Traffic Safety Administration
Region 3 Office

Chad Shive

Engineer, Division of Maintenance
KY Transportation Cabinet
Database – Roadway, Crash

Andy Rush

Transportation Planner
Louisville Metropolitan Planning Organization
Database – Crash, Roadway

Matthew Cole

Director, Driver Licensing Division
KY Transportation Cabinet
Database – Driver

Bradley Arterburn

Captain
Kentucky State Police, Criminal ID & Records
Database – Crash, Citation/Adjudication

Chadwick Mills

Captain -Crash Reconstructionist
KY State Police, Operations Division
Database – Crash, Citation/Adjudication

Jason Banta

Grants Administrator
Kentucky State Police
Database – Crash, Citation/Adjudication

Joanna Reed

Regional Program Manager
National Highway Traffic Safety Administration
Region 3 Office

Eric Green

Research Engineer
UK, KY Transportation Center
Database – Crash, Roadway

Shiann Sharpe

Branch Manager
Kentucky State Police
Database – Crash, Citation/Adjudication

Aaron Collins

Engineer, Department of Highways
KY Transportation Cabinet
Database – Crash, Roadway

Elizabeth Lucas

Director, Implementation & Court Services
KY Administrative Office of the Courts
Database – Citation/Adjudication

William Staats

Research Engineer
UK, KY Transportation Center
Database – Crash, Roadway

Nathan Ridgway

Engineer, Department of Highways
KY Transportation Cabinet
Database – Crash, Roadway

Peter Rock

Research/Data Coordinator
UK, Injury Prevention & Research Center
Database – EMS/Injury Surveillance

Paul Ross

IT Analyst
UK, KY Transportation Center
Database – Crash, Roadway

Ed Harding

Systems Consultant IT
KY Transportation Cabinet,
Enterprise Data Services Branch
Database – Crash, Roadway, Vehicle, Driver

Daniel Sturtevant

Research and Statistics Manager
KY Administrative Office of the Courts
Database – Citation/Adjudication

John Eiler

Contractor, Office of Info Technology
KY Transportation Cabinet
Database – Vehicle

Mike Vaughn

Engineer, Division of Traffic Operations
KY Transportation Cabinet
Database – Crash, Roadway

Robert Kluger

Assistant Professor
University of Louisville
Database – Crash, EMS/Injury Surveillance

Julia Costich

Professor/Associate Director
UK, Injury Prevention & Research Center
Database – EMS/Injury Surveillance

Chris Blackden

Research Scientist
UK, KY Transportation Center
Database – Crash, Roadway

Rick Taylor

President/CEO
Kentucky Trucking Association
Database – Driver

Nathan Dean

Occupant Protection Coord., Highway Safety
KY Transportation Cabinet
Database – Crash

Linda Goodman

Division Administrator
Federal Motor Carrier Safety Association
Database – Vehicle

Ben Blandford

Research Engineer
UK, KY Transportation Center
Database – Crash, Roadway

Jeff Hackbart

Safety Circuit Rider
UK, KY Transportation Center
Database – Roadway, Crash

Ramsey Quarles

Branch Manager, Division of Planning
KY Transportation Cabinet
Database – Roadway

Samantha Wright

Civil Engineer
UK, Department of Civil Engineering
Database – Crash, Roadway

Len O’Connell

Research Investigator
UK, KY Transportation Center
Database – Roadway, Crash

Ryan Fisher

Branch Manager, Highway Safety
KY Transportation Cabinet
Database – Crash

Monica Robertson

Data Coordinator
Kentucky Board of Emergency Medical Services
Database – EMS/Injury Surveillance

Brad Franklin

Branch Manager, Highway Safety
KY Transportation Cabinet
Database - Crash

Brian Ingle

Director, Division of Vehicle Registration
KY Transportation Cabinet
Database – Vehicle

Reginald Souleyrette

Professor/Research Engineer
UK, KY Transportation Center
Database – Crash, Roadway

Ryan Tenges

Safety Engineer
Federal Highway Administration
Database – Roadway, Crash

Richard Li

Assistant Professor/Director
University of Louisville
Center for Transportation Innovation
Database – Roadway, Crash

Tony Young

Highway Safety Specialist
Federal Highway Administration
Database – Crash

Jarrod Stanley

Engineer, Department of Highways
KY Transportation Cabinet
Database – Crash, Roadway

Jonathan Moore

Program Manager, Highway Safety
KY Transportation Cabinet
Database – Crash

Jason Siwula

Acting Exec. Dir, KY Office of Highway Safety
KY Transportation Cabinet
Database – Roadway, Crash

KTRAC Meeting Schedule

Past KTRAC Meetings

(dates do not include sub-committee meetings or strategic planning committee meetings)

March 23, 2020 – Via Conference Call – Frankfort, KY

June 25, 2020 – Via Conference Call – Frankfort, KY

July 17, 2020 – Via Video Conference Call – Frankfort, KY

Future Meetings Projected Schedule (other meetings will be scheduled as needed)

October/November 2020 (TBD)

March/April 2021 (TBD)

TRAFFIC RECORDS PROJECTS

Project Number: M3DA-2021-00-00-01

Project Title: University of Kentucky – Kentucky Transportation Center - Traffic Safety Data Service (KTSDS)

Description: Continue the Kentucky Traffic Safety Data Service program in Kentucky to help agencies integrate and use (accessibility) traffic records data. This project is a continuation of the popular Kentucky Traffic and Safety Data Service. For data to be useful, they must first be developed into information. From this information, knowledge and even wisdom can be derived. The improper (intentional or unintentional) use of data can result in poor analytical conclusions, waste of resources and ultimately injury or even loss of life. Accessibility is a key metric to describe the quality of traffic records. Much has been done in Kentucky to improve the accessibility of data but not to improve the accessibility to and timely integration of the information, knowledge and wisdom that can and should be the goal of a data query. Access to those with the education, training, and experience to provide this outcome is difficult or impossible to many who would benefit from this improved access. These groups include decision makers, consultants, non-safety state and local agencies, law enforcement groups, citizens groups, attorneys and the media. For the last 3 categories especially, careful attention must be paid to so-called simple data and information requests such that a) all potentially affected parties are aware of the requests, b) information and analysis is properly obtained and developed, c) the information provided is properly documented and that d) users are adequately educated as to proper use. Often, data experts must work with requestors and help them articulate what they actually need to accomplish the goal that precipitated the initial request.

Budget: \$36,160.00 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-02

Project Title: University of Kentucky, KY Injury Prevention & Research Center (KIPRC)
Improving Motor Vehicle Crash-Related Data Quality

Description: Collect, review, analyze and report on data from Kentucky trauma hospitals, to improve the trauma data management system and reporting to the state registry. Will implement the new Trauma Registry Data Dictionary, provide dissemination of best practices in reporting, and develop peer-to-peer training and support mechanisms. Provide analysis of KY trauma data, improve the trauma data

management system, and increase the number of hospitals reporting to KY Trauma Registry. The Trauma registry staff will perform a comprehensive evaluation of the state's trauma data, to assure that reported cases meet national criteria and are coded consistently.

Budget: \$96,356.00 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-03

Project Title: Kentucky Transportation Center (KTC)-University of Kentucky Research Foundation - Improving Completeness and Uniformity of Kentucky MIRE (Model Inventory of Roadway Elements) Fundamental Data Elements

Description: This project will develop a through lane data collection approach using Google Street View images and develop a statewide interchange inventory. The Model Inventory of Roadway Elements (MIRE) Fundamental Data Elements (FDEs) are essential in enabling the state to apply Highway Safety Manual methodologies and supporting data-driven safety decision making. Various FDEs are required for roadway segments, intersections and interchanges/ramps. Among these, the number of through lanes that is needed for public paved roadway segments. This project will take advantage of the technical expertise and resources at the KYTC to employ Geographic Information Systems (GIS) and machine learning methods to collect number of lanes data and statewide interchange inventory. The results of the project would help to improve the accuracy, completeness, integration and uniformity of the roadway database.

Budget: \$62,715.00 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-04

Project Title: Kentucky Transportation Center (KTC) – University of Kentucky Research Foundation - Facilitating the Development of Projects to Attain the Goals in the Implementation Plan for the 2018-2021 Traffic Records Strategic Plan

Description: A new Kentucky traffic records strategic plan was developed during FY2017 and put into place June 30, 2017. The University of Kentucky Transportation Center, in co-operation with both the Kentucky Traffic Records Advisory Committee (KTRAC) and the KY Office of Highway Safety, will continue to analyze, identify, refine, improve, and monitor status of performance metrics from the Traffic Records Strategic Plan. This project will continue the traffic records improvement plan, and the collection of performance metrics of each database, ID projects, etc. The procedures and data collection will facilitate the efforts of the KTRAC data quality improvement sub-committee team, to effectively review the existing traffic records system, identify potential improvements (with a particular emphasis on integration efforts), and report to the KTRAC membership. The research will update and advance the Traffic Records Implementation Plan (TRIP), which is being developed to assist the Kentucky traffic records community in meeting the goals and objectives identified in the Strategic Plan.

Budget: \$67,681.00 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-05

Project Title: Kentucky Community and Technical College System (KCTCS)/Kentucky Board of Emergency Medical Services (KBEMS) - Kentucky Emergency Medical Services Information System (KEMSIS)

Description: This is a continuation for the Kentucky EMS Information System (KEMSIS), and aims further enhance the EMS database for completeness and integration with other systems. The KEMSIS

project is aimed to improve the accessibility and portability of patient care information between Kentucky EMS agencies and the KEMSIS system. Performance measures from the Traffic Records Strategic Plan (TRSP) will be utilized for this project period. Kentucky's licensed ambulance services are required to submit data to KBEMS using the latest National EMS Information System (NEMSIS) standard without exception. As of January 2018, all ambulance services have submitted data to the state repository.

The TRSP noted deficiencies in the use of critical elements that relate to highway incidents. The examination team cited low utilization of occupant safety equipment questions. The KY Board of Emergency Medical Services team will work with TRCC database liaisons to develop validation rules around these data elements that will improve their usage in the incident reports. Additionally, the TRSP identifies the lack of integration between databases. While development of database linkage is predominantly a funding issue, work has already started in a prior project period to identify EMS elements found to be critical to the other databases.

Budget: \$93,440.00 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-06

Project Title: University of Louisville Research Foundation, Inc. – Developing Statewide Horizontal Curve Database for Kentucky Local Roads

Description: This project is to improve the completeness and consistency of all horizontal curve data of Kentucky local roads. In Kentucky, the majority of roadway departure crashes happen in rural highways. Due to the predominance of horizontal curves on typical rural roads, a higher percentage of fatal curve-related crashes occur on rural roads, particularly on two-lane roadways in rural areas. Having a complete horizontal curve database covering all roads, including county and local roads is essential to reach the Towards Zero Deaths goal and meet the MUTCD requirements. Although, the state has good coverage of curve data on state owned routes, curve data on non-state routes is needed for comprehensively understanding and addressing curve safety issues (more road departure crashes on local roads). With complete curve data on all Kentucky public roads, safety performance functions along with crash modification factors can be developed to facilitate addressing curve issues through appropriate countermeasures, considering most road departure crashes occurred on local roads rather than state trunk routes. At the same time, accuracy of the existing horizontal curve data in the KYTC is potential to be validated.

Budget: \$45,000.00 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-07

Project Title: University of Louisville – Statewide Linkage of Crash, EMS and Trauma Center Records

Description: This project will link data from the Statewide Crash Records, KBEMS EMS Response Data and KIPRC Trauma Registry Data. State Police records do not track detailed information about the care received as a result of crashes. The information contained in EMS records and Trauma registries contain substantially more information about pre-hospital care, and the injury details, both of which can explain variance in crash outcome and lead to improved response. By linking the crash records to these databases, trends in crash outcomes can be identified based on crash conditions to improve the recognition of injuries at the scene, to differentiate how EMS respond to different crash

types, and more. A similar project has been implemented in Jefferson County, KY. The result found no statistically significant difference in EMS response based on crash conditions, despite certain crash types and conditions being more prone to severe injuries and fatalities. Additionally, it was found that numerous cases existed of low-rated crash severity resulting in admission to the ICU upon arrival at the hospital. This project will help to identify the cases where these issues arise and direct policy toward addressing them.

Budget: \$73,770.85 (FAST ACT 405C)

Project Number: M3DA-2021-00-00-08

Project Title: EMS Assessment

Description: The purpose of this assessment is to describe EMS, EMS Emergency Preparedness, and 911 systems in Kentucky using existing data sources. Insight on current issues within EMS and disaster preparedness will be provided through the findings from expert panels. Additionally these expert panels will be used to better identify and define trends and industry patterns currently immeasurable with any existing data sources.

Budget: \$12,000.00 (FAST ACT 405C)

EDUCATION BRANCH STRATEGIES AND PROGRAMS

The Kentucky Office of Highway Safety's Education Branch will provide research and education designed to reduce Kentucky's highway fatalities and injuries. These programs work with in the communities' statewide to deliver safety education programs in conjunction with the enforcement and media programs for the problem areas. It will also support the Kentucky Strategic Highway Safety Plan's *Toward Zero Deaths* message through stakeholder partnerships. The Education Branch within the Division of Highway Safety Programs plans the following activities during federal fiscal year 2021:

- Collaborate with educators, family resource centers, law enforcement, legislators, state agencies, federal agencies (NHTSA) and corporate outreach to provide highway safety educational experiences across the state
- Use KOHS Education Branch AAR (After Action Reporting) Database Tool and Educational Program Event Assessment Tool, to collect data on all educational events conducted across the state. These tools will be used to evaluate all Educational Program events to determine their value, effectiveness of educational programs and pinpoint highway safety problems across the state
- Focus 100% of all Education Branch programming in the Top 40 Highway Safety Counties
- Improve the Office of Highway Safety curriculum with focus placed upon learning outcomes supporting the Kentucky Strategic Highway Safety Plan
- Maintain involvement with the Governor's Executive Committee on Highway Safety
- Provide personnel and the Highway Safety Checkpoint Trailer in support of state and local law enforcement efforts with highway safety

EDUCATION (GENERAL PUBLIC)

- Maintain the Office of Highway Safety's Social Media accounts

- Provide the general public with an up-to-date awareness of educational programming conducted by the Education Branch
- Provide notifications for upcoming Child Passenger Safety (CPS) Fitting Station Checkup Events
- Provide online links and resources relating to highway safety at both state and national levels
- Provide access to electronic highway safety tip sheets/educational materials

EDUCATION (PUBLIC SERVICE ANNOUNCEMENTS)

- Provide PSAs on the dangers of drinking and driving during holidays/special occasions
- Provide PSAs specifically for the awareness of sharing the road with motorcyclists
- Provide PSAs specifically for the awareness of the necessity for motorcycle safety equipment usage, to include helmets
- Provide PSAs to address the importance of wearing a seat belt
- Provide PSAs on the dangers of distracted driving.
- Provide PSAs in support of the following enforcement mobilizations:
 - Distracted Driving “Buckle Up Phone Down” (April)
 - Click it or Ticket – Local Heroes (May-June)
 - Speed enforcement – (June/July)
 - Blue Lights Across the Bluegrass Summer Enforcement (June-August)
 - Drive Sober or Get Pulled Over (August-September & December)

EDUCATION (TRANSPORTATION CABINET EMPLOYEES)

- Conduct a distracted driving program with a smaller format-driving simulator or an impaired driving program with pedal karts on a coned driving course at the Transportation Cabinet Central Office building specifically for Transportation Cabinet employees during the Annual KYTC Health and Safety Fair. These strategies are also one of our distracted driving and impaired driving emphasis area strategies in our SHSP.

EDUCATION EMPHASIS AREAS

1. Highway Safety Equipment

Provide highway safety educational and support equipment to be used in conjunction with occupant protection, impaired driving, distracted driving and traffic safety checkpoint programs.

- Maintain all highway safety educational and support equipment for use by the Highway Safety Education Branch
- Use of Rollover Simulator for Occupant Protection program



- Use of Drunk Buster Pedal Karts for Impaired Driving and Distracted Driving program



- Use of Traffic Safety Checkpoint Trailer Impaired and Occupant Protection Program



2. Impaired Driving Program

Provide a “hands-on” experience, allowing participants the ability to drive pedal karts in a visually impaired state, in a safe, controlled environment. Provide impaired driving educational programs and information to public schools, public entities and corporations.

- Continue to increase the number of impaired driving events by 1% in the Top 40 counties
- Continue to increase the number of impaired driving presentations by 1% in the Top 40 counties
- Maintain and keep current the Drunk Buster pedal karts and trailer
- Provide Ghost Out program for educational presentations

- Provide educational information regarding the revised Ignition Interlock statues

3. Occupant Protection

Increase public awareness of seatbelt usage benefits. Educate all elements of Kentucky's population on proper seatbelt usage and use of Rollover Simulator for educational presentations. Demonstrate the impact of non-seatbelt use.

- Continue to increase the number of rollover simulator events by 1% in the Top 40 counties
- Continue to increase the number of occupant protection presentations by 1% in the Top 40 counties
- Provide a high volume of occupant protection programming in elementary, middle schools and high schools to educate the next generation of drivers
- Provide occupant protection programming to the commercial industry, targeting agencies with fleet vehicles through the corporate outreach program
- Maintain and keep current Rollover Simulator
- Provide Rollover Simulator for educational presentations

4. Young Drivers

Educate young drivers about the dangers of driving. Provide new and inexperienced drivers with educational experiences and material that will influence good driving habits and help reduce the number of injuries and fatalities on Kentucky's roadways.

- Conduct highway safety presentations throughout Kentucky's 12 Highway Districts focusing on the Top 40 counties with occupant protection, distracted driving and impaired driving problems
- Continually researching and updating presentations and materials for young drivers safety programs
- Provide tip sheets and maintain current data for distribution of educational promotion items
- Provide Rollover Simulator, Drunk Busters Simulator, Ghost Out Program and Sweet 16 Programs for educational presentations pertaining to young drivers.

5. Child Passenger Safety

Provide a Statewide Child Passenger Safety Coordinator to coordinate statewide efforts for the Child Passenger Safety Program.

- Demonstrate proper installation techniques and provide instruction on all facets of available child restraint seats.
- Provide information pertaining to child passenger safety laws and NHTSA's best practices.

- Provide CEU opportunity for Child Passenger Safety Technicians (CPSTs)
- Increase the CPST retention rate to 55% statewide
- Collaborate with partners/agencies to establish and provide CPS fitting stations across the state
- Continue to maintain CPS fitting stations at a rate of 70% statewide
- Provide technical assistance for CPS Certified Technicians and the general public

6. Motorcycle Safety

Enhance motorcycle safety and public awareness of motorcycles through enhanced media campaigns in order to reduce the overall motorcycle crash and fatality rate in Kentucky.

- To use media and educational materials to educate motorcyclists about the life saving benefits of wearing helmets and other protective equipment. This strategy is also one of our emphasis area strategies for motorcycles in our SHSP.

7. Mature Drivers

Provide awareness to Mature/Senior drivers with focus placed upon biological and technological changes that will challenge their abilities to operate a motor vehicle safely.

- Recommend Mature Driver programs throughout the state to organizations that deal with the older population, focusing 100% of effort on the Top 40 counties
- Provide mature driver awareness material to organizations dealing with the older population
- Maintain and keep current tip sheets, presentations and materials on Mature Drivers

8. Distracted Driving

Educate and inform the general public on the dangers of distracted driving through the use of the distracted driving simulator and informational presentations. Reduce the number of injuries and fatalities each year due to distracted driving.

- Continue to further educate the general public on the dangers and consequences of distracted driving.
- Employ up-to-date videos and presentations to educate about distracted driving, texting laws and the issues that surround it.
- Administer a Pre and Post Survey for each distracted driving event to evaluate participant knowledge and program performance

9. Corporate Outreach

Provide assistance to corporations in the development of policies, education and solutions, in order to help combat the various issues we all face concerning highway safety.

- Distribute posters and other educational materials to corporate outreach partners
- Provide presentations on distracted driving, impaired driving and occupant protection for corporate outreach partners with vehicle fleets and shift work
- Provide interactive educational equipment to use during corporate events

10. Bicycle/Pedestrian Safety Program

Enhance pedestrian and bicycle safety and public awareness of each through education, in order to reduce the overall pedestrian and bicycle crash and fatality rates in Kentucky.

- Maintain the pedestrian and bicycle safety content on the KOHS website that will include safety educational material, videos, safety tips, and various resources.
- Maintain working relationships/partnerships with pedestrian and bicycle programs or organizations in high impact areas in the state.

11. Legislative Considerations

- Support the Transportation Cabinet’s highway safety legislative initiatives with the latest research and statistics available
- Provide the Transportation Cabinet with emphasis area statistics and research
- Advocate for improvements to existing highway safety laws on texting and distracted driving
- Strengthen the coalition of interdisciplinary highway safety advocates
- Provide informational guidance and statistics on the revised Ignition Interlock statute and permanent regulations
- Provide a highway safety update yearly to the Kentucky General Assembly Interim Joint Transportation Committee

PERFORMANCE REPORT

OVERVIEW

- In 2019, there were 132,202 crashes involving motor vehicles on Kentucky’s public roadways. This is a 1.6% decrease from 2018.
- During 2019, Kentucky fatalities increased from the previous year. In 2019, there was a 1.1% increase in the total number of fatalities, from 724 during 2018 to 732 during 2019.
- The fatality rate per 100 million vehicle miles traveled (100m VMT) also saw a slight increase last year of 0.67%, from 1.50 in 2018 to 1.51 in 2019. This rate is still much higher than the national rate of 1.10 per 100m VMT, through the first nine months of 2019.
- For the fourth consecutive year, the number of serious injuries in Kentucky decreased. The total number of serious injures decreased 0.84% to 2,726 in 2019, compared to 2,749 2018.

IMPAIRED DRIVING

- During the last three years (2017-2019), alcohol-related fatalities comprised an average of about 19.5% of all motor vehicle fatalities.
- Initial data for 2019 suggests a decrease in the total alcohol-related fatalities of 11%, from 137 in 2018 to 122 in 2019.
- The following ten counties ranked highest (in order) in the number of alcohol-related collisions in 2018: Jefferson, Fayette, Kenton, Warren, Daviess, Campbell, Boone, Madison, Pike, and Hardin.

OCCUPANT PROTECTION

The statewide average seat belt usage rate (all front seat occupants) saw a very slight decrease during 2019. This rate decrease from 89.9% in 2018, to 89.7% in 2019. The usage rate for drivers also decreased slightly last year, from 90.4% in 2018 to 90.1% in 2019.

- The Kentucky seat belt usage rate is still below the U.S national average of 90.7%. Surpassing 90% is the current goal set by the KY Office of Highway Safety.
- Seat belt usage on local roads remains much lower than on interstates or other expressways. The 2019 Kentucky seat belt survey indicated a usage rate of 86.1% on local roads, compared to 92.5% on limited access highways.
- Usage is much lower in rural counties than in urban ones. The observed rate varied from a high of 91.2% in Jefferson County (Louisville, KY) to a low of 83.8% in Harrison County (Harrison County usage rate is up from 79.6 in 2018).
- The restraint usage in pickup trucks increased this past year, from 80.5% in 2018 to 83.7% in 2019. Seat belt usage continues to be lower in pickups than in any other type of vehicle.
- Fifty-three percent of the vehicle occupants killed in 2019 in Kentucky were not restrained at the time of the collision.
- Of the fatalities that occurred during night time hours during 2019, 57% were not wearing a seatbelt.

SPEEDING

- The number of speed-related crashes decreased by 15.8% from 2018 to 2019. However, the number of speeding-related fatalities increased by 6.3%, from 111 in 2018 to 118 in 2019.
- Speed is one of the most common contributing factors in fatal crashes in Kentucky (about 14% all fatal crashes in 2019 can be attributed to exceeding the posted speed limit or driving too fast for conditions).
- The majority of crashes involving unsafe speed occur in rural areas.
- The majority of Kentucky drivers travel at speeds above the regulatory speed limit. Increased speed decreases crash avoidance and increases crash severity.

YOUNG DRIVERS

- The percentage of teenage drivers involved in traffic crashes is over-represented compared to the percentage of the driving population they comprise. In 2019, 16-19 year old drivers were involved in about 14.1% of all crashes and 5.85% of fatal crashes, even though this age group makes up only 6% of licensed drivers (including learners permits)* in the state (*2018 licensed drivers totals).

MOTORCYCLES

- Initial data shows the number of motorcyclists killed in crashes decreased during the past year by 9.5%, from 95 fatalities in 2018 to 86 in 2019.
- Initial data shows the number of un-helmeted motorcyclists killed in crashes increased during the past year by 3%, from 60 fatalities in 2018 to 62 in 2019.
- Kentucky had a statewide law requiring helmet the use of a helmet by a motorcyclist until it was repealed in 1998. Surveys before the repeal of the law found a helmet usage rate of over 95%.

BICYCLES/PEDESTRIANS

- The number of bicyclists killed in Kentucky decreased 50% this past year, from 10 fatalities in 2018 to 5 in 2019.
- The total number of pedestrian fatalities remained unchanged this past year, staying at from 73 total during 2019.
- The Lexington, KY and Northern MPO districts also have Bike/Ped safety programs in place.

PROGRAM COST SUMMARY/INDIVIDUAL FACTOR RANKING CHARTS

Program Area	Grant Number	eMARS Contract #	eMARS Program	Agency	Amount	NHTSA Source
NHTSA 402						
Planning and Administration						
	PA-2021-00-00-01			KOHS Planning and Administration	\$700,000.00	
Motorcycle Safety						
	MC-2021-00-00-01			Motorcycle Safety Media	\$85,000.00	
	MC-2021-00-00-02			Motorcycle Awareness Project	\$100,000.00	
Police Traffic Services						
	PT-2021-00-00-01			KACP LEL - North	\$130,087.50	
	PT-2021-00-00-02			KACP LEL - East	\$149,058.29	
	PT-2021-00-00-03			KACP LEL - West	\$141,266.63	
	PT-2021-00-00-04			KACP LEL - Central	\$123,975.00	
	PT-2021-00-00-05			Alexandria Police Department	\$10,480.00	
	PT-2021-00-00-06			Anderson Co Sheriff's Office	\$9,600.00	
	PT-2021-00-00-07			Barbourville Police Department	\$18,400.00	
	PT-2021-00-00-08			Benton Police Department	\$8,423.00	
	PT-2021-00-00-09			Boone County Sheriff's Office	\$102,000.00	
	PT-2021-00-00-10			Bourbon County Sheriff's Office	\$10,700.00	
	PT-2021-00-00-11			Boyd County Sheriff's Office	\$22,580.00	
	PT-2021-00-00-12			Bullitt County Sheriff's Office	\$14,110.00	
	PT-2021-00-00-13			Cadiz Police Department	\$11,690.00	
	PT-2021-00-00-14			Calloway Co Sheriff's Office	\$15,100.00	
	PT-2021-00-00-15			Campbell County Police Department	\$27,420.00	
	PT-2021-00-00-16			Catlettsburg Police Department	\$14,100.12	
	PT-2021-00-00-17			Christian Co Sheriff's Office	\$17,300.00	
	PT-2021-00-00-18			Clark Co Sheriff's Office	\$11,690.00	
	PT-2021-00-00-19			Covington Police Department	\$73,400.00	
	PT-2021-00-00-20			Crittenden Co Sheriff's Office	\$9,512.00	
	PT-2021-00-00-21			Danville Police Department	\$31,050.00	
	PT-2021-00-00-22			Erlanger Police Department /Elsmere Police Department	\$35,480.00	
	PT-2021-00-00-23			Frankfort Police Department	\$63,720.00	
	PT-2021-00-00-24			Franklin Co Sheriff's Office	\$33,800.00	
	PT-2021-00-00-25			Ft. Mitchell Police Department	\$14,110.00	
	PT-2021-00-00-26			Ft. Thomas Police Department	\$21,700.00	
	PT-2021-00-00-27			Graves Co Sheriff's Office	\$10,480.00	
	PT-2021-00-00-28			Grayson Co Sheriff's Office	\$11,800.00	
	PT-2021-00-00-29			Grayson Police Department	\$16,530.00	
	PT-2021-00-00-30			Greensburg Police Department	\$10,480.00	

	PT-2021-00-00-31		Greenville Police Department	\$8,500.00	
	PT-2021-00-00-32		Harlan Police Department	\$12,900.00	
	PT-2021-00-00-33		Harrodsburg Police Department	\$10,722.00	
	PT-2021-00-00-34		Henderson Police Department	\$17,135.00	
	PT-2021-00-00-35		Hodgenville Police Department	\$7,455.00	
	PT-2021-00-00-36		Hopkinsville Police Department	\$25,847.00	
	PT-2021-00-00-37		Jackson Police Department	\$12,900.00	
	PT-2021-00-00-38		Johnson County Sheriff's Office	\$9,600.00	
	PT-2021-00-00-39		Kenton County Police Department	\$15,320.00	
	PT-2021-00-00-40		Knott County Sheriff's Office	\$9,050.00	
	PT-2021-00-00-41		LaGrange Police Department	\$12,900.00	
	PT-2021-00-00-42		Lancaster Police Department	\$9,875.00	
	PT-2021-00-00-43		Larue Co Sheriff's Office	\$12,295.00	
	PT-2021-00-00-44		Lexington Police Department	\$108,333.00	
	PT-2021-00-00-45		London Police Department	\$34,680.00	
	PT-2021-00-00-46		Louisville Metro Police Department	\$110,500.00	
	PT-2021-00-00-47		Loyall Police Department	\$6,300.00	
	PT-2021-00-00-48		Lyon Co Sheriff's Office	\$11,690.00	
	PT-2021-00-00-49		Madison Co Sheriff's Office	\$25,000.00	
	PT-2021-00-00-50		Mayfield Police Department	\$21,700.00	
	PT-2021-00-00-51		Maysville Police Department	\$16,106.50	
	PT-2021-00-00-52		Middlesboro Police Department	\$22,800.00	
	PT-2021-00-00-53		Montgomery County Sheriff's Office	\$16,200.00	
	PT-2021-00-00-54		Mt Sterling Police Department	\$15,320.00	
	PT-2021-00-00-55		Mt. Vernon Police Department	\$10,480.00	
	PT-2021-00-00-56		Mt. Washington Police Department	\$12,900.00	
	PT-2021-00-00-57		Murray Police Department	\$17,135.00	
	PT-2021-00-00-58		Newport Police Department	\$14,110.00	
	PT-2021-00-00-59		Nicholasville Police Department	\$22,580.00	
	PT-2021-00-00-60		Oldham County Sheriff's Office	\$11,800.00	

	PT-2021-00-00-61		Olive Hill Police Department	\$10,700.00	
	PT-2021-00-00-62		Owensboro Police Department	\$49,805.00	
	PT-2021-00-00-63		Paducah Police Department	\$21,370.00	
	PT-2021-00-00-64		Paris Police Department	\$12,900.00	
	PT-2021-00-00-65		Pineville Police Department	\$12,350.00	
	PT-2021-00-00-66		Prestonsburg Police Department	\$11,800.00	
	PT-2021-00-00-67		Raceland Police Department	\$13,868.00	
	PT-2021-00-00-68		Radcliff Police Department	\$17,740.00	
	PT-2021-00-00-69		Rockcastle Co Sheriff's Office	\$11,690.00	
	PT-2021-00-00-70		Russell Co Sheriff's Office	\$11,690.00	
	PT-2021-00-00-71		Russell Police Department	\$17,135.00	
	PT-2021-00-00-72		Shepherdsville Police Department	\$14,000.00	
	PT-2021-00-00-73		Trigg Co Sheriff's Office	\$11,690.00	
	PT-2021-00-00-74		Versailles Police Department	\$20,600.00	
	PT-2021-00-00-75		Villa Hills Police Department	\$12,900.00	
	PT-2021-00-00-76		Warren Co Sheriff's Office	\$12,900.00	
	PT-2021-00-00-77		Williamsburg Police Department	\$25,000.00	
	PT-2021-00-00-78		Franklin Co Sheriff's Office Enforcement Project	\$90,580.70	
	PT-2021-00-00-79		Erlanger NKY I-75 Corridor Project	\$141,580.00	
	PT-2021-00-00-80		KSP - Speed Grant	\$615,640.80	
	PT-2021-00-00-81		KSP - Advanced Collision Reconstruction	\$177,910.50	
	PT-2021-00-00-82		KSP - Data Collection	\$16,600.00	
	PT-2021-00-00-83		UK-KTC Crash Analysis	\$75,000.00	
	PT-2021-00-00-84		UK-KTC SHSP	\$50,000.00	
	PT-2021-00-00-85		Lifesavers	\$200,000.00	
	PT-2021-00-00-86		EMS Assessment	\$24,000.00	
					\$3,491,626.04

Police Traffic Services Half Year Grants				
	PT-2021-00-HY-00		Half Year Grants	\$200,000.00
	PT-2021-00-HY-01		Audubon Park PD	\$7,500.00
	PT-2021-00-HY-02		Beattyville PD	\$6,000.00
	PT-2021-00-HY-03		Brandenburg PD	\$6,000.00
	PT-2021-00-HY-04		Burkesville PD	\$4,500.00
	PT-2021-00-HY-05		Carlisle PD	\$1,500.00
	PT-2021-00-HY-06		Carroll County SO	\$4,500.00
	PT-2021-00-HY-07		Carrollton PD	\$4,500.00
	PT-2021-00-HY-08		Central City PD	\$7,500.00
	PT-2021-00-HY-09		Clay County SO	\$7,500.00
	PT-2021-00-HY-10		Cold Spring PD	\$9,000.00
	PT-2021-00-HY-11		Corbin PD	\$6,000.00
	PT-2021-00-HY-12		Crittenden Co SO	\$3,750.00
	PT-2021-00-HY-13		Cumberland Co. SO	\$3,000.00
	PT-2021-00-HY-14		Daviess Co SO	\$7,500.00
	PT-2021-00-HY-15		Edmonson Co SO	\$3,750.00
	PT-2021-00-HY-16		Eubank PD	\$3,000.00
	PT-2021-00-HY-17		Elizabethtown PD	\$9,000.00
	PT-2021-00-HY-18		Falmouth	\$4,500.00
	PT-2021-00-HY-19		Garrard County PD	\$4,500.00
	PT-2021-00-HY-20		Georgetown PD	\$6,000.00
	PT-2021-00-HY-21		Glasgow PD	\$15,000.00
	PT-2021-00-HY-22		Grant Co SO	\$9,000.00
	PT-2021-00-HY-23		Harrison Co SO	\$6,000.00
	PT-2021-00-HY-24		Hopkinsville PD	\$7,500.00
	PT-2021-00-HY-25		Hustonville PD	\$3,750.00
	PT-2021-00-HY-26		Kenton Co SO	\$4,500.00
	PT-2021-00-HY-27		Lakeside Park Crestview Hills PD-withdrawn	\$6,000.00
	PT-2021-00-HY-28		Lawrence County SO	\$3,750.00
	PT-2021-00-HY-29		Lewis Co SO	\$7,500.00
	PT-2021-00-HY-30		Logan Co SO	\$7,500.00

	PT-2021-00-HY-31			Louisa PD	\$2,250.00	
	PT-2021-00-HY-32			Louisville Metro PD	\$27,000.00	
	PT-2021-00-HY-33			Ludlow PD	\$4,500.00	
	PT-2021-00-HY-34			Mason Co SO	\$6,000.00	
	PT-2021-00-HY-35			Mayfield PD	\$8,250.00	
	PT-2021-00-HY-36			Meade Co SO	\$3,750.00	
	PT-2021-00-HY-37			Menifee Co SO	\$3,000.00	
	PT-2021-00-HY-38			Monticello PD	\$6,000.00	
	PT-2021-00-HY-39			Morgan Co SO	\$7,500.00	
	PT-2021-00-HY-40			Morganfield PD	\$7,500.00	
	PT-2021-00-HY-41			Newport PD	\$7,500.00	
	PT-2021-00-HY-42			Oldham County PD	\$12,000.00	
	PT-2021-00-HY-43			Paintsville PD	\$3,750.00	
	PT-2021-00-HY-44			Perry County SO	\$6,000.00	
	PT-2021-00-HY-45			Shelby Co SO-withdrawn	\$6,000.00	
	PT-2021-00-HY-46			Scottsville PD	\$3,750.00	
	PT-2021-00-HY-47			Simpson Co SO	\$3,000.00	
	PT-2021-00-HY-48			Simpsonville PD	\$3,000.00	
	PT-2021-00-HY-49			Southgate PD	\$4,500.00	
	PT-2021-00-HY-50			St. Matthews PD	\$6,000.00	
	PT-2021-00-HY-51			Stanford PD	\$6,000.00	
	PT-2021-00-HY-52			Stanton PD/Clay City PD	\$6,000.00	
	PT-2021-00-HY-53			Whitesburg PD	\$4,500.00	
	PT-2021-00-HY-54			Williamstown PD	\$4,500.00	
	PT-2021-00-HY-55			Wilmore PD	\$7,500.00	
	PT-2021-00-HY-56			Wolfe County SO	\$1,500.00	
					\$541,250.00	

Community Traffic Safety					
	CP-2021-00-00-01			KOHS Program Managers	\$200,000.00
	CP-2021-00-MA-02			402 State Match 20%	
Drivers Education					
	DE-2021-HP-00-01			Undesignated	
Paid Advertising					
	PM-2021-00-00-01			High Visibility Paid Media	\$417,500.00
FAST ACT 402 TOTAL:					\$5,535,376.04
FAST ACT 405b Low					
Occupant Protection (405b)					
	M2HVE-2021-00-00-01			Eddyville Police Department	\$11,690.00
	M2HVE-2021-00-00-02			Ferguson Police Department	\$6,850.00
	M2HVE-2021-00-00-03			Glasgow Police Department	\$33,470.00
	M2HVE-2021-00-00-04			Hazard Police Department	\$17,207.60
	M2HVE-2021-00-00-05			Lexington Police Department	\$32,450.00
	M2HVE-2021-00-00-06			Oldham County Police	\$55,800.00
	M2HVE-2021-00-00-07			Pikeville Police Department	\$28,300.00
	M2HVE-2021-00-00-08			Richmond Police Department	\$39,650.00
	M2HVE-2021-00-00-09			Shelbyville Police Department	\$11,800.00
	M2HVE-2021-00-00-10			Corbin Fire Department	\$5,800.00
	M2HVE-2021-00-00-11			Cumberland Valley ADD	\$59,705.00
	M2HVE-2021-00-00-12			Glasgow Police Department	\$12,630.00
	M2HVE-2021-00-00-13			Grayson Co Health Department	\$12,247.00
	M2HVE-2021-00-00-14			Knox Co Health Department	\$4,460.00
	M2HVE-2021-00-00-15			Madison Co Health Department	\$39,700.00
	M2HVE-2021-00-00-16			Marshall Co Health Department	\$34,150.00
	M2HVE-2021-00-00-17			Norton Children's Hospital	\$65,800.00
	M2HVE-2021-00-00-18			The Nest-CPS	\$50,740.00
	M2HVE-2021-00-00-19			KSP - Occupant Protection Grant	\$470,460.00
	M2HVE-2021-00-00-20			UK-KTC Seat Belt Survey	\$80,450.00
	M2HVE-2021-00-00-21			Norton Children's Hospital - CPS Coordinator	\$94,300.00
	M2HVE-2021-00-00-22			Occupant Protection Coordinator	\$90,000.00
	M2HVE-2021-00-00-23			Click it or Ticket Awards	\$25,000.00
	M2HVE-2021-00-00-24			Click it or Ticket Media - Cardinal Media	\$250,000.00
	M2HVE-2021-00-00-25			Click it or Ticket Media - Speedway	\$150,000.00
	M2HVE-2021-00-MA-24			405B State Match 20%	
FAST ACT 405b OCCUPANT PROTECTION TOTAL:					\$1,682,659.60

FAST ACT 405d Mid					
Impaired Driving (405d)					
	M5HVE-2021-00-00-01		Ashland Police Department	\$12,900.00	
	M5HVE-2021-00-00-02		Ballard Co Sheriff's Office	\$6,245.00	
	M5HVE-2021-00-00-03		Burnside Police Department	\$21,725.00	
	M5HVE-2021-00-00-04		Campbellsville Police Department	\$25,000.00	
	M5HVE-2021-00-00-05		Cave City Police Department	\$9,512.00	
	M5HVE-2021-00-00-06		Daviess Co Sheriff's Office	\$15,200.00	
	M5HVE-2021-00-00-07		Florence Police Department	\$63,720.00	
	M5HVE-2021-00-00-08		Ft. Wright Police Department	\$6,850.00	
	M5HVE-2021-00-00-09		Hillview Police Department	\$15,320.00	
	M5HVE-2021-00-00-10		Jeffersontown Police Department	\$18,950.00	
	M5HVE-2021-00-00-11		Laurel County Sheriff's Office	\$74,852.00	
	M5HVE-2021-00-00-12		Lawrenceburg Police Department	\$30,445.00	
	M5HVE-2021-00-00-13		Leitchfield Police Department	\$28,025.00	
	M5HVE-2021-00-00-14		Lexington Police Department	\$22,000.00	
	M5HVE-2021-00-00-15		Louisville Metro Police Department	\$96,800.00	
	M5HVE-2021-00-00-16		Marshall Co Sheriff's Office	\$22,580.00	
	M5HVE-2021-00-00-17		McCracken Co Sheriff's Office	\$9,440.00	
	M5HVE-2021-00-00-18		Morehead Police Department	\$11,800.00	
	M5HVE-2021-00-00-19		Nelson Co Sheriff's Office/Bardstown Police Department	\$29,925.00	
	M5HVE-2021-00-00-20		Pike County Sheriff's Office	\$6,800.00	
	M5HVE-2021-00-00-21		Scott Co Sheriff's Office	\$12,900.00	
	M5HVE-2021-00-00-22		Somerset Police Department	\$28,630.00	
	M5HVE-2021-00-00-23		Wilder Police Department	\$10,700.00	
	M5HVE-2021-00-00-24		KSP Nighthawk	\$826,145.00	
	M5HVE-2021-00-00-25		KSP Lab Equipment	\$500,000.00	
	M5HVE-2021-00-00-26		KSP-TSRP (Cole)	\$226,072.00	
	M5HVE-2021-00-00-27		Prosecutor's Advisory Council-UPS TSRP (Lockridge)	\$244,775.00	
	M5HVE-2021-00-00-28		AOC/JOL (Holbrook)	\$190,000.00	
	M5HVE-2021-00-00-29		KACP LEL-ARIDE/DRE Richardson	\$121,075.00	
	M5HVE-2021-00-00-30		KACP LEL-ARIDE/DRE Warfel	\$121,075.00	
	M5HVE-2021-00-00-31		KACP-ARIDE/DRE Training and Callouts	\$200,000.00	
	M5HVE-2021-00-00-32		Ignition Interlock Coordinator	\$90,000.00	
	M5HVE-2021-00-00-33		Impaired Driving Coordinator	\$90,000.00	
	M5HVE-2021-00-00-34		Impaired Driving Awards	\$25,000.00	
	M5HVE-2021-00-00-35		Impaired Driving Media	\$832,000.00	
	M5HVE-2021-00-MA-36		405D State Match 20%		
FAST ACT 405d IMPAIRED DRIVING TOTAL:				\$4,046,461.00	

405c					
Traffic Records (405c)					
	M3DA-2021-00-00-01			Kentucky Traffic Safety Data Service - KTSDDS	\$36,160.00
	M3DA-2021-00-00-02			Improving Motor Vehicle Crash Related Data	\$96,356.00
	M3DA-2021-00-00-03			Improving Completeness and Uniformity of KY MIRE	\$62,715.00
	M3DA-2021-00-00-04			Facilitating Development and Goals for 2018-2021 Traffic Records Strategic Plan	\$67,681.00
	M3DA-2021-00-00-05			Kentucky Emergency Medical Service Information System - KEMSIS	\$93,440.00
	M3DA-2021-00-00-06			UofL Developing Statewide Horizontal Curve Database	\$47,847.52
	M3DA-2021-00-00-07			UofL Statewide Linkage of Crash EMS and Trauma Center Records	\$73,770.85
	M3DA-2021-00-00-08			UK-EMS Assessment	\$12,000.00
	M3DA-2021-00-MA-09			405C State Match 20%	
FAST ACT 405c TRAFFIC RECORDS TOTAL:					\$489,970.37
405f					
Motorcycle Safety (405f)					
	M9MA-2021-00-00-01			Motorcycle Safety-Media	\$85,000.00
	M9MA-2021-00-MA-02			405f State Match 20%	
FAST ACT 405f MOTORCYCLE SAFETY TOTAL:					\$85,000.00
405e					
Distracted Driving (405e)					
	FESX-2021-00-00-01			Distracted Driving Media	\$200,000.00
	FESX-2021-00-00-02			Traffic Safety Education Foundation-Train the Trainer	\$83,750.00
	FESX-2021-00-00-03			KY Parents, Schools & Corporate Traffic Safety Initiative	\$65,250.00
	FESX-2021-00-MA-02			405e State Match 20%	
FAST ACT 405e DISTRACTED DRIVING TOTAL:					\$349,000.00
					\$12,188,467.01

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	Top 40 County
ADAIR	60	79	50	93	97	70	88	93	79	94	11240.2	94	
ALLEN	54	55	39	78	49	54	13	70	53	74	7889.0	53	
ANDERSON	50	52	52	77	88	43	19	58	61	47	8179.4	56	
BALLARD	109	101	79	93	15	93	64	93	55	100	11041.2	91	
BARREN	25	20	22	18	67	23	67	26	22	23	4086.0	18	
BATH	88	93	104	96	106	102	37	104	69	94	12744.9	104	
BELL	40	44	27	34	20	46	91	41	42	43	5545.7	35	
BOONE	4	4	7	8	112	5	70	4	2	3	2836.0	9	

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	Top 40 County
CALDWELL	86	64	85	85	83	82	119	54	51	56	11048.6	92	
CALLOWAY	26	27	52	53	95	29	18	43	41	28	6416.4	41	
CAMPBELL	8	7	13	13	75	6	92	10	10	12	3299.9	14	
CARLISLE	117	118	109	111	34	118	116	114	116	113	14780.1	117	
CARROLL	96	62	71	91	116	75	75	66	30	107	11277.3	95	
CARTER	38	48	52	56	111	54	89	32	54	63	8391.0	58	
CASEY	71	91	85	60	18	89	26	115	86	90	9815.6	79	
CHRISTIAN	11	12	7	10	90	11	83	11	14	9	3216.8	12	

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
ESTILL	79	97	96	83	30	90	16	100	110	87	11076.4	93
FAYETTE	2	2	2	2	103	2	72	2	3	2	2338.9	2
FLEMING	77	83	104	76	42	68	74	104	108	94	11691.5	99
FLOYD	30	37	19	22	47	16	20	53	48	39	4133.3	19
FRANKLIN	19	18	28	22	78	14	49	15	27	21	4054.4	17
FULTON	116	111	116	106	37	111	109	115	100	116	14489.6	114
GALLATIN	104	74	52	99	116	85	90	78	23	63	10969.3	90
GARRARD	66	63	91	53	24	62	81	62	89	72	9264.4	71
												Top 40 County

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTLED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	Top 40 County
GRANT	46	34	96	48	120	43	101	29	37	33	8748.6	63	
GRAVES	27	29	17	15	25	30	106	24	38	29	4155.9	20	
GRAYSON	43	41	16	27	23	46	69	51	44	35	4857.7	28	
GREEN	94	99	104	111	81	110	73	102	91	112	14012.7	111	
GREENUP	31	43	63	40	65	51	52	76	60	53	7491.0	48	
HANCOCK	105	109	96	114	80	114	30	99	67	94	12965.9	106	
HARDIN	6	8	4	3	73	10	103	7	5	4	2665.4	3	
HARLAN	42	60	60	45	43	43	111	75	61	44	7900.9	54	

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
HARRISON	63	53	104	56	21	68	110	46	69	38	9211.7	70
HART	61	51	44	40	91	66	85	36	18	67	7271.7	45
HENDERSON	23	17	30	30	86	23	65	27	21	19	4861.2	29
HENRY	70	61	71	64	96	60	34	56	20	67	8503.7	60
HICKMAN	119	115	111	115	70	118	43	107	108	82	13984.7	110
HOPKINS	24	22	24	37	105	28	107	19	26	20	5739.5	36
JACKSON	80	100	71	85	17	105	4	81	100	90	10105.6	82
JEFFERSON	1	1	1	1	51	1	61	1	1	1	1456.9	1

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	Top 40 County
JESSAMINE	18	16	44	31	57	13	62	13	31	24	4722.5	27	
JOHNSON	51	58	79	96	108	53	58	71	79	59	10887.5	88	
KENTON	3	3	7	4	104	3	87	3	4	6	2817.4	7	
KNOTT	73	88	85	85	66	71	25	115	93	74	10968.7	89	
KNOX	32	42	47	32	39	35	31	36	47	49	5369.2	33	
LARUE	78	71	60	68	56	63	35	61	51	82	8610.2	62	
LAUREL	15	13	5	5	54	17	94	16	9	13	2831.6	8	
LAWRENCE	72	87	36	107	89	85	38	104	82	57	10676.5	86	

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	
LEE	113	114	116	119	114	113	45	110	116	118	15279.5	119	
LESLIE	99	119	96	117	119	117	21	119	113	118	14521.9	115	
LETCHE	52	67	63	36	10	52	9	60	78	39	6163.5	38	
LEWIS	82	106	63	70	19	77	12	89	93	100	9293.2	72	
LINCOLN	47	59	32	69	58	56	14	78	66	71	7708.4	51	
LIVINGSTON	102	96	96	104	101	107	113	82	76	82	13504.6	109	
LOGAN	39	47	71	47	71	61	112	48	42	63	8469.0	59	
LYON	108	80	79	62	98	84	53	64	45	57	9672.6	76	

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
MCCRACKEN	13	10	13	12	74	12	86	9	11	8	3233.3	13
MCCREARY	67	90	52	83	48	78	8	84	93	74	9336.8	74
MCLEAN	101	84	91	93	35	75	80	84	57	100	11420.0	97
MADISON	9	9	22	11	110	8	95	6	8	10	3838.5	16
MAGOFFIN	89	105	71	71	13	71	27	89	103	109	9634.8	80
MARION	59	54	39	88	52	49	6	84	64	44	8108.4	55
MARSHALL	33	33	30	25	72	31	97	32	25	31	5306.6	31
MARTIN	93	110	111	115	113	101	42	110	113	113	14601.8	116

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
MASON	68	49	85	51	38	36	93	44	56	82	8561.7	61
MEADE	36	56	28	29	9	48	59	64	89	53	5839.5	37
MENIFEE	115	113	85	109	6	114	36	118	115	109	12748.2	105
MERCER	53	57	71	78	77	57	82	52	73	67	9810.6	78
METCALFE	100	77	96	99	63	87	60	80	61	74	11678.3	98
MONROE	97	104	116	107	102	102	108	103	105	113	14949.6	118
MONTGOMERY	37	35	47	32	33	32	117	45	40	50	6357.4	40
MORGAN	81	102	116	103	85	105	41	87	103	100	13363.6	108

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTIED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
MUHLENBERG	34	31	19	40	53	41	17	42	34	26	4686.6	26
NELSON	22	26	10	26	60	20	98	34	34	24	4565.7	25
NICHOLAS	112	107	79	96	1	97	79	87	105	109	11867.8	100
OHIO	49	40	36	51	92	39	51	35	39	32	6494.4	42
OLDHAM	12	24	32	24	79	25	55	19	15	27	4376.8	22
OWEN	95	89	63	99	11	82	11	83	85	74	9888.2	81
OWSLEY	118	117	111	117	46	116	44	112	119	116	14356.8	113
PENDLETON	75	70	91	48	4	67	118	73	72	39	8926.2	66

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTLED FATALITIES PERCENT	SPEED COLLISIONS	CIVV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	
PERRY	44	39	21	46	59	34	1	76	50	33	5496.7	34	
PIKE	16	23	5	16	62	9	68	16	27	16	3177.6	11	
POWELL	87	76	39	78	41	91	10	100	86	52	8890.9	65	
PULASKI	14	14	12	9	45	21	57	12	31	15	2881.9	10	
ROBERTSON	120	120	120	120	114	120	120	113	120	118	16523.4	120	
ROCKCASTLE	69	50	47	64	118	63	50	38	16	44	7850.7	52	
ROWAN	48	36	36	27	29	37	54	40	48	36	5093.6	30	
RUSSELL	65	66	63	56	40	74	56	97	75	82	9086.7	68	

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
PERRY	44	39	21	46	59	34	1	76	50	33	5496.7	34
PIKE	16	23	5	16	62	9	68	16	27	16	3177.6	11
POWELL	87	76	39	78	41	91	10	100	86	52	8890.9	65
PULASKI	14	14	12	9	45	21	57	12	31	15	2881.9	10
ROBERTSON	120	120	120	120	114	120	120	113	120	118	16523.4	120
ROCKCASTLE	69	50	47	64	118	63	50	38	16	44	7850.7	52
ROWAN	48	36	36	27	29	37	54	40	48	36	5093.6	30
RUSSELL	65	66	63	56	40	74	56	97	75	82	9086.7	68

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)												
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Top 40 County
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)
SCOTT	17	15	32	19	109	18	71	14	12	16	4486.3	24
SHELBY	20	21	24	21	94	19	66	23	19	22	4393.0	23
SIMPSON	64	46	63	38	82	42	105	31	17	63	7408.3	47
SPENCER	62	73	79	71	26	59	99	68	93	59	9761.3	77
TAYLOR	45	38	39	74	64	58	63	50	76	47	8224.0	57
TODD	90	86	71	71	16	111	29	67	67	67	9171.5	69
TRIGG	74	65	52	82	99	65	7	49	64	53	8758.1	64
TRIMBLE	106	103	96	89	8	96	23	89	84	72	10719.3	87

2016-2018 INDIVIDUAL FACTOR RANKINGS (1 = most problems, 120 = least problems)													
PERCENT WEIGHT (calculated based on numeric weight)	4.3%	0.0%	17.4%	26.1%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
NUMERIC WEIGHT (assigned)	0.5	0.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
County name	ESTIMATED POPULATION	TOTAL CRASHES	FATALITIES	INCAP INJURIES	FAI RATE PER 100MVM	IMPAIRED DRIVING COLLISIONS	UNBELTED FATALITIES PERCENT	SPEED COLLISIONS	CMV COLLISIONS	MOTORCYCLE COLLISIONS	WEIGHTED SCORE	OVERALL RANK (1 - 120)	Top 40 County
UNION	76	72	52	50	7	78	2	56	82	74	7162.6	44	
WARREN	5	5	3	6	100	4	77	5	6	5	2683.4	4	
WASHINGTON	92	75	85	66	31	87	47	63	57	87	9529.8	75	
WAYNE	55	69	63	66	44	104	3	59	88	94	9008.8	67	
WEBSTER	83	82	91	104	107	97	102	93	59	90	13112.2	107	
WHITLEY	29	28	17	19	76	27	32	19	24	18	3613.9	15	
WOLFE	111	108	44	111	50	108	15	96	105	94	11418.8	96	
WOODFORD	41	30	60	43	93	33	28	22	33	36	6233.9	39	