



At-Fault Teen Motor Vehicle Crashes in Kentucky, 2019

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Background

Kentucky Injury Prevention and Research Center (KIPRC): Bona fide agent of Kentucky Department for Public Health (KDPH) in violence and injury prevention

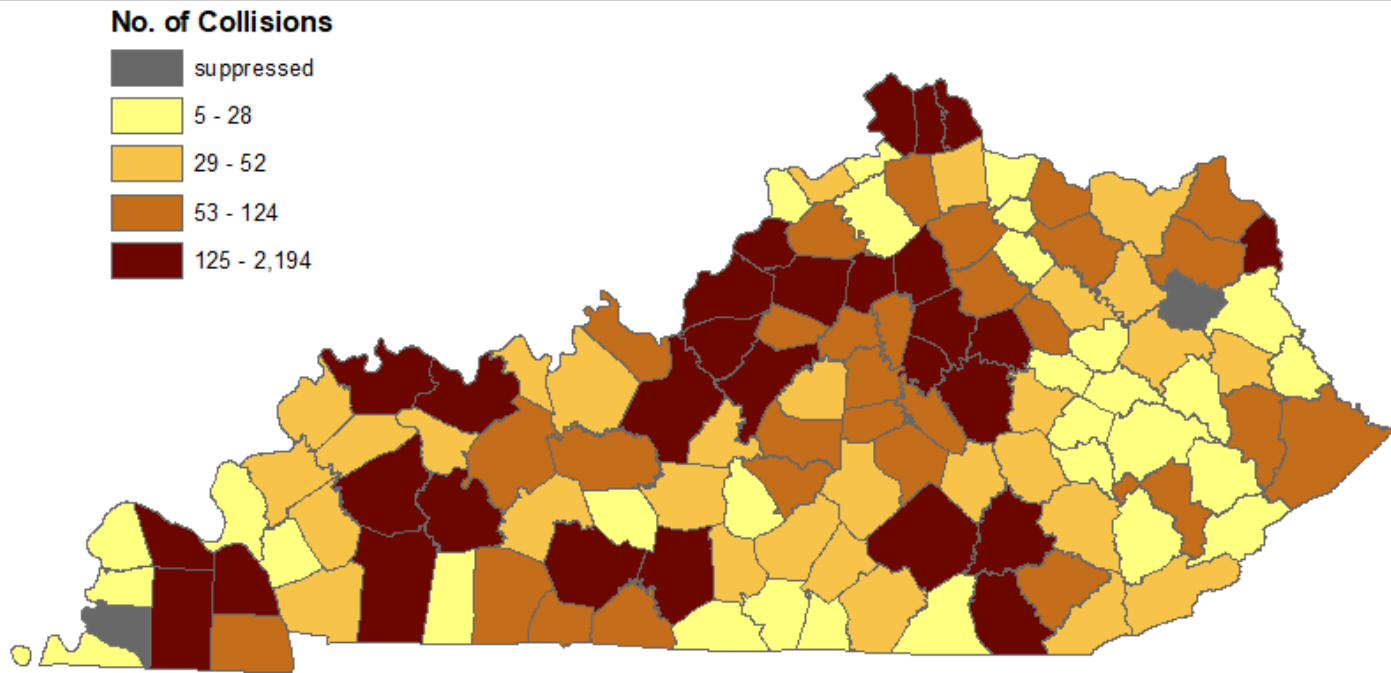
- KIPRC has been in partnership with KDPH since 1994

Maps

- Maps are based on county of residence
- A teen is a Kentucky resident 16–19 years of age
- At-fault drivers are drivers in the primary motor vehicle units in which collisions occurred, per officer judgment
- Motor vehicle occupants include drivers and passengers

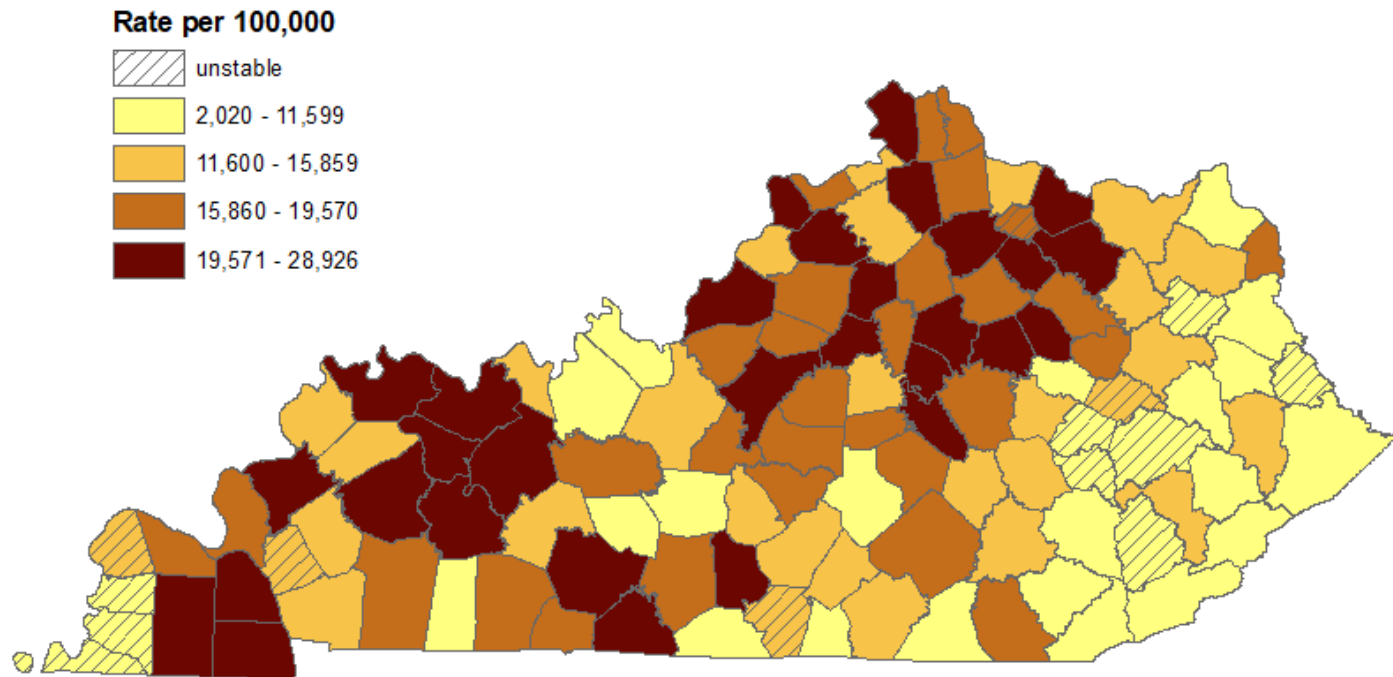
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Kentucky Teen Motor Vehicle Driver At-Fault Crash Counts, 2019



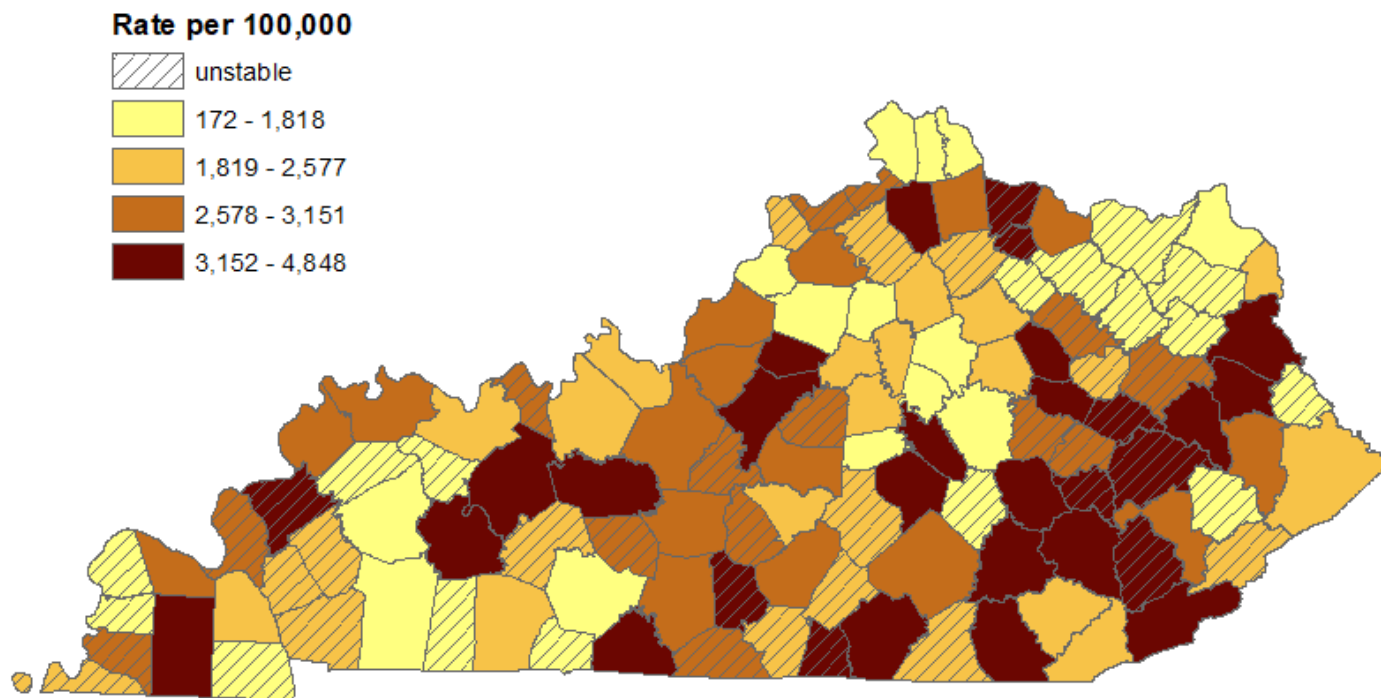
Counts are based on the number of at-fault teen drivers involved in a motor vehicle collision. A teen is defined as a Kentucky resident 16-19 years old. Counts are based on county of residence. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. August 2021. Data Source: Collision Report and Analysis for Safer Highways (CRASH) file, Kentucky State Police [2019]. Data are provisional and subject to change.

Kentucky Teen Motor Vehicle Driver At-Fault Crash Rates, 2019



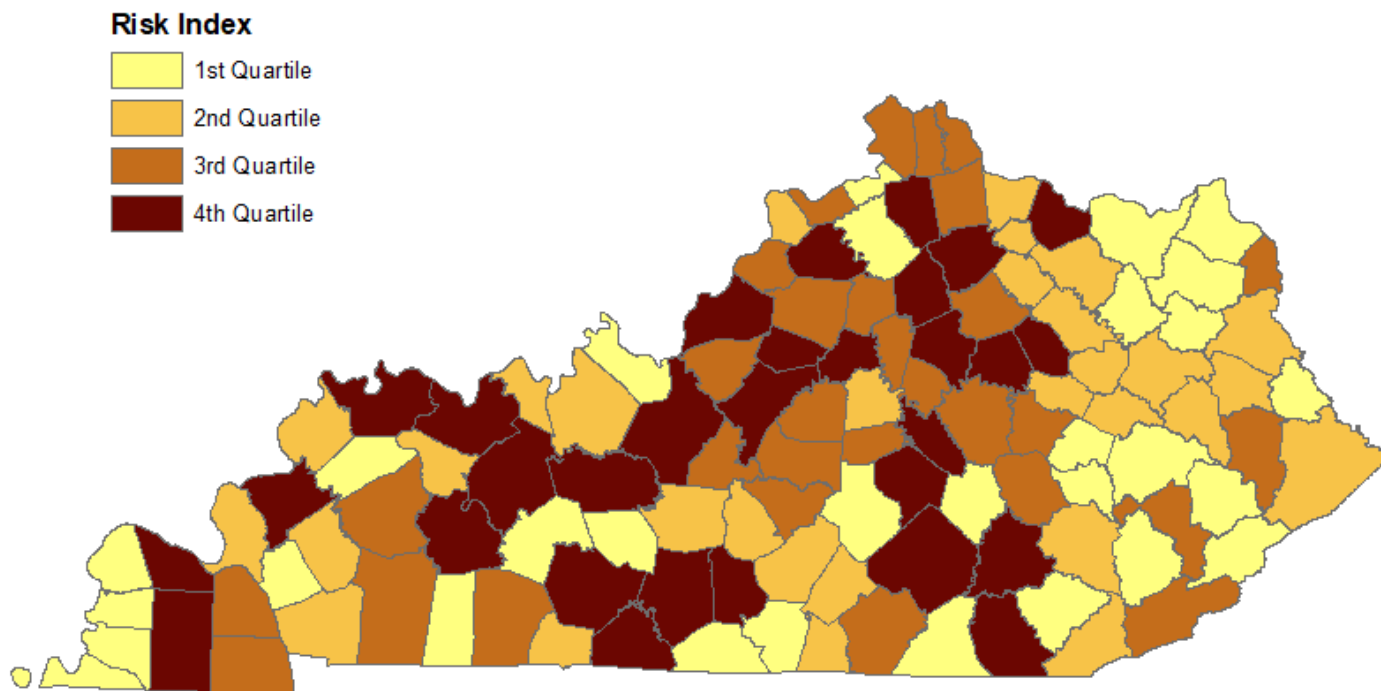
Rates are based on the number of at-fault teen drivers involved in a motor vehicle collision per 100,000 teen drivers (licensed, permitted, and intermediate licensed) currently registered in the Kentucky Division of Driver Licensing System. Unstable rates are those with counts less than 20. Rates are based on county of residence. A teen is defined as a Kentucky resident 16-19 years old. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. August 2021. Data Source: Collision Report and Analysis for Safer Highways (CRASH) file, Kentucky State Police [2019]; Kentucky Division of Driver Licensing System Active Drivers, Department of Transportation. Data are provisional and subject to change.

Kentucky Teen Motor Vehicle Injury-Related Emergency Department Visit Rates, 2019



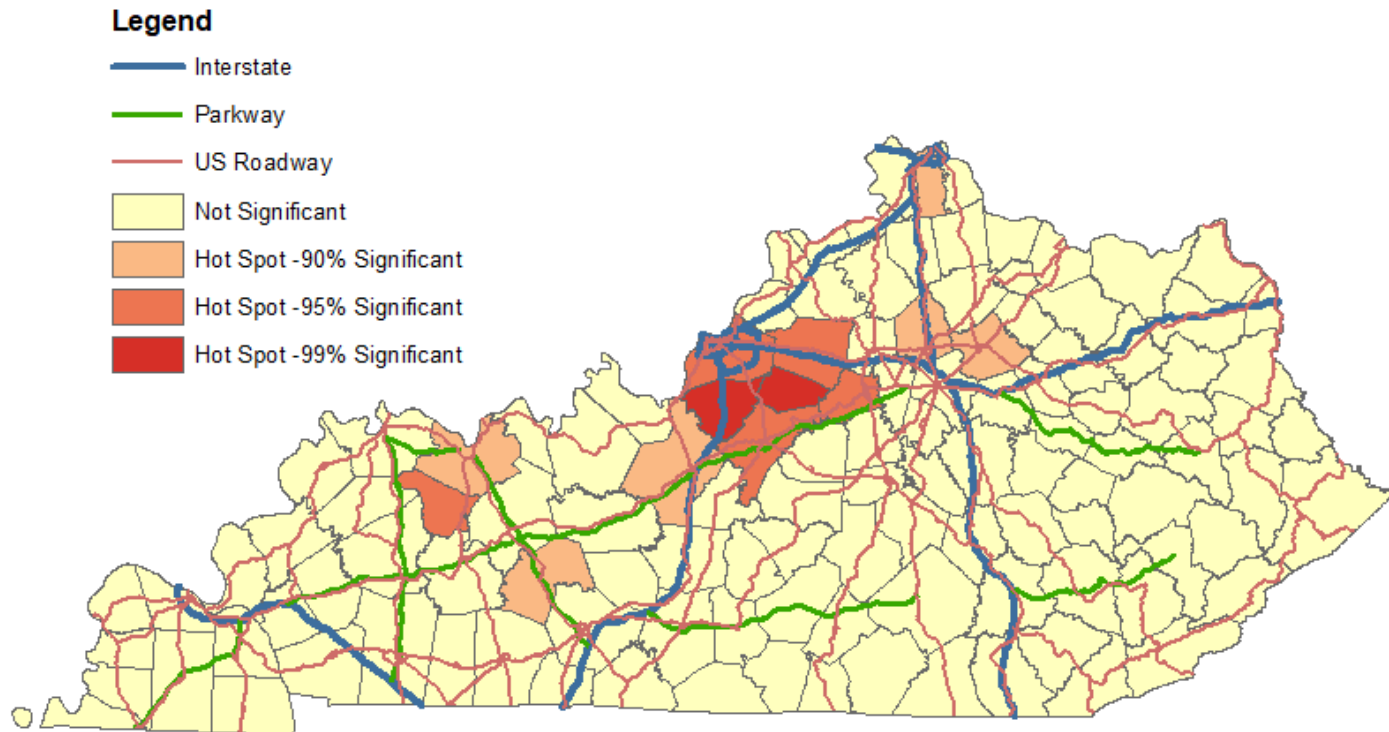
Rates are based on the number of teen motor vehicle occupants (drivers and passengers) who visited the emergency department due to motor vehicle injuries per 100,000 persons. Unstable rates are those less than 20. Rates and counts are based on county of residence. A teen is defined as a Kentucky resident 16-19 years old. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. August 2021. Data source: Kentucky Outpatient Services Database, Office of Health Data and Analytics; Bridge-Race Population Estimates, US July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin, National Center for Health Statistics in cooperation with US Census Bureau. Data are provisional and subject to change.

Kentucky Teen Motor Vehicle At-Fault Crash Injury Risk Indexes, 2019



Risk Index scores are calculated by averaging county ranks in the 1) motor vehicle collision counts for at-fault drivers; 2) motor vehicle collision rates for at-fault drivers; and, 3) emergency department visit rates among motor vehicle occupants. A teen is defined as a Kentucky resident 16-19 years old. County ranks are based on the residence county of the respective motor vehicle driver and/or occupant. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. August 2021. Data Sources: Collision Report and Analysis for Safer Highways (CRASH) file, Kentucky State Police; Kentucky Division of Driver Licensing System Active Drivers, Kentucky Department of Transportation; Kentucky Outpatient Services Database, Office of Health Data and Analytics; Bridged-Race Population Estimates, US July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin, National Center for Health Statistics in cooperation with US Census Bureau. Data are provisional and subject to change.

Kentucky Teen Motor Vehicle At-Fault Crash Injury Risk Index: Hot Spots, 2019



Risk Index scores are calculated by averaging county ranks in the 1) motor vehicle collision counts for at-fault drivers; 2) motor vehicle collision rates for at-fault drivers; and, 3) emergency department visit rates among motor vehicle occupants. A teen is defined as a Kentucky resident 16-19 years old. County ranks are based on the residence county of the respective motor vehicle driver and/or occupant. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. August 2021. Data Sources: Collision Report and Analysis for Safer Highways (CRASH) file, Kentucky State Police; Kentucky Division of Driver Licensing System Active Drivers, Kentucky Department of Transportation; Kentucky Outpatient Services Database, Office of Health Data and Analytics; Bridged-Race Population Estimates, US July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin, National Center for Health Statistics in cooperation with US Census Bureau. Data are provisional and subject to change.