

Repeat Crashers with a Related Fatality

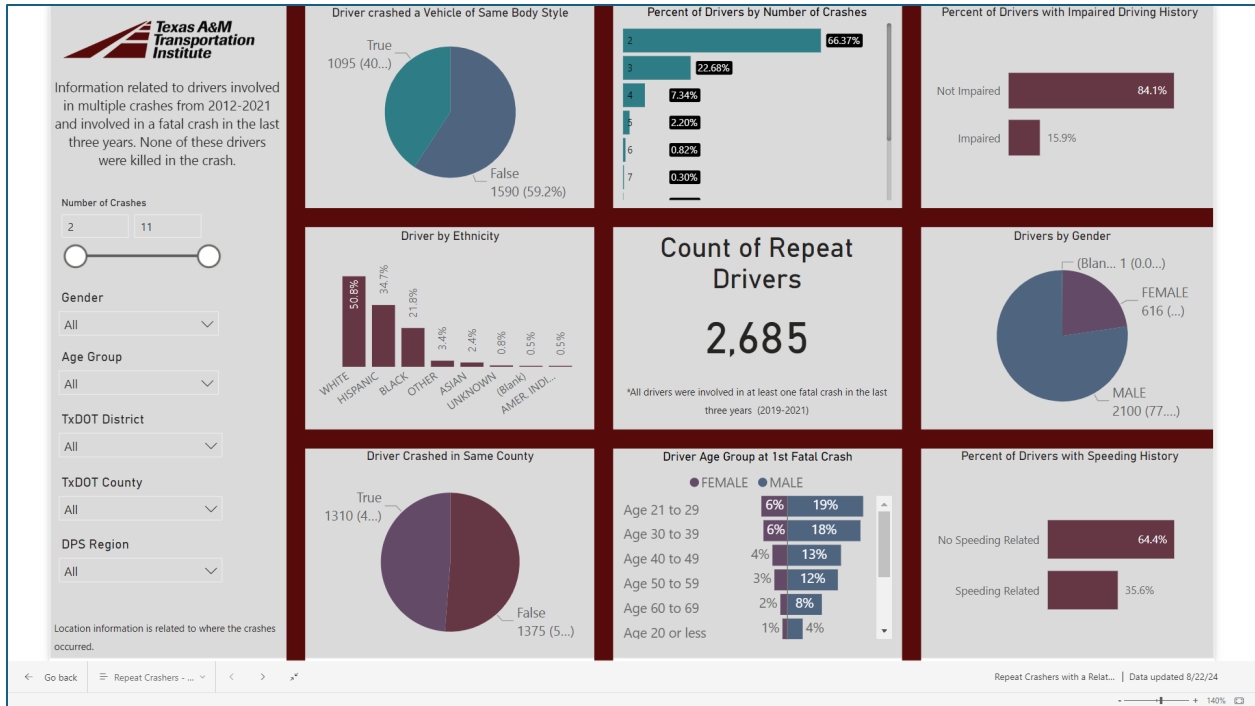
Dashboard Guide

All drivers involved in more than one traffic crash between 2012 and 2021 ($n = 1,118,778$ individuals) were identified from Texas's Crash Records Information System using a sorting algorithm. The algorithm compared unique identifiers of the driver (e.g., driver's license number, first name, last name) to filter records belonging to the same individual. The records were then refined to include only those drivers who were engaged in at least one fatal crash between 2019 and 2021. This narrowed the scope of analysis to 2,685 drivers who were involved in a total of 2,715 fatal crashes.

Driver citation and warnings data for years 2019-2022 were obtained from the Texas Department of Public Safety. To obtain these data, the drivers' demographic data ($n = 2,685$) were shared with the Department of Public Safety who linked the drivers' data in the crash dataset with citations and warnings data using sequentially matching criteria. Accordingly, records were linked based on a series of criteria, typically in a step-by-step fashion. The matching criteria included first name, last name, Date of birth and license number. There were 8,215 records found in the citation and warning database for 1,333 drivers.

[Repeat Crashers – Overview Page](#)

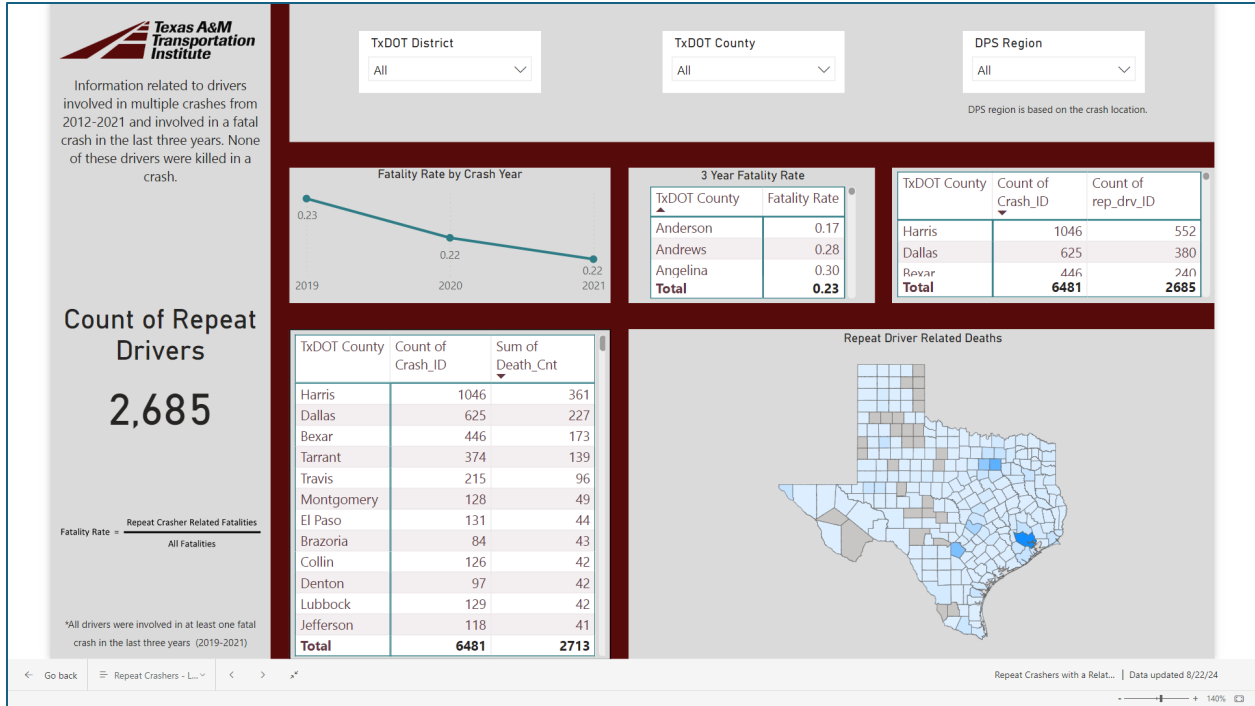
The page gives you a general demographic details about the driver and their driving behavior. The filters on the right side of the page allows the user to select the number of crashes the driver had been involved in, driver gender, age group and location details related to where the crashes occurred.



Repeat Crashes – Location

The page gives information related to the location of the crashes. There are the filters at the top of the page that allows the user to zoom in to a smaller geographic area. The fatality rate show on the page is the rate fatalities resulting from a crash involving repeat crash drivers per the total fatalities in the area.

$$\text{Fatality Rate} = \frac{\text{Repeat Crasher Related Fatalities}}{\text{All Fatalities}}$$



Citations and Warnings

The page contains information related to repeat crash drivers that also received a warning or citation for a Texas Department of Public Safety (DPS) law enforcement officer.

