

Safety on FM 830

The following is information about safety along FM 830 between SH 75 and FM 2432 in Montgomery County. There are several caveats to the data and analysis that you should be aware of:

1. The data H-GAC has analyzed is distributed by the Accident Records Bureau of the Department of Public Safety. This is the state agency vested with documenting crashes for the State. Currently, their reporting requirements are that all fatal crashes, all injury crashes, and all property damage only (PDO) crashes in which one or more vehicles were towed be reported. Thus, they do not include the typical 'fender bender' in which no one is injured and all vehicles are driven away from the crash scene. In other words, the data we have represent the more serious crashes.
2. We've geocoded the crashes. However, because the data are kept in a very old information system by DPS in which road names are represented either by five-digit codes, the first five letters of the road name, or control-section numbers (for rural state roads), there is inevitably some geocoding error. We were able to geocode about 82% of all crashes in the DPS data set with about 90% accuracy on average.
3. To date, we have only geocoded crashes for 1999. Thus, any conclusions about location are only tentative.
4. Spatial accuracy is within 50-100 yards. One would need actual crash diagrams to have more accuracy.
5. Please cite the Accident Records Bureau of the Texas Department of Public Safety as the source for the crash data and cite the Houston-Galveston Area Council as the source for the crash analysis.

Given these caveats, the results of the analysis are as follows:

1. In 1999, there were 3 crashes at the intersection of FM 830 and SH 75. Two of these were property damage only and one involved a possible injury.
2. Because the numbers are so small, it's not reasonable to calculate a crash rate (crashes per 100 million VMT).