



Research In Progress

Investigate the Use & Feasibility of Speed Warning Systems

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The objectives of this project are to determine the feasibility of the voluntary use of speed monitoring / warning systems among a sample of adult drivers with risky driving track records (e.g. history of speeding tickets), and whether these devices could decrease speeding and crashes. A study design will be developed to determine whether it is feasible to use speed monitoring / warning systems for high-risk drivers that have a history of speeding and crashes in order to decrease speeding and crashes on a voluntary basis. Available speed monitoring / warning devices will be examined and a report produced on these devices. Issues in the use of these types of devices, as well as a method for determining whether the devices are effective, will be examined. Then a pilot test of an evaluation effort will be conducted with a sample of adult drivers with a history of speeding. Participants will voluntarily install a speed warning device on the vehicles they typically drive. The device installed will be selected by NHTSA based on the evaluation of these devices in the first phase of this study. Data on the extent of subjects' speeding and vehicle crashes prior to the speed warning devices being installed will be collected. Once the speed monitoring / warning devices are installed, data will be collected on the participants' speeding and crashes using the devices to measure appropriate variables including number of trips, trip times, speeds and crash logs or "accident" logs (sudden accelerations and decelerations). Measurements will be recorded in three stages: first without warning the drivers (participants) for baseline measures, second, with the warning system engaged to measure its affect on driver speeds and crash or "accident" log data, and third, with the warning alarm turned off again to measure the residual affect of the warning system. The data will then be analyzed and a final report submitted detailing the project's objectives, methodology, results, and conclusions, along with a copy of the cleaned data set produced through this effort.

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