Crashes and Failures Involving Vehicles Equipped with Autonomous Driving Systems: Public Roads Serving as Proving Grounds and Endangering All Road Users

December 29, 2019, Cloverdale, IN, Tesla Model 3: A Tesla collided with firetruck killing the passenger in the Tesla. The use of Autopilot has not been determined.

![Photo Source: Indiana State Police](image)

December 29, 2019, Gardena, CA, Tesla Model S: The Tesla ran a red light and struck another vehicle killing the two occupants in the other vehicle. The use of Autopilot has not been determined.

![Photo Source: Loudlabs](image)

December 7, 2019, Norwalk, CT, Tesla Model 3: Vehicle slammed into parked police cruiser and another vehicle. Media reports that the Autopilot was engaged at time of crash.

![Photo Source: Connecticut State Police](image)
March 1, 2019, Delray Beach, FL, Tesla Model 3: Driver killed when his vehicle, operating on “Autopilot,” crashed into the side of a truck tractor combination, traveling underneath the trailer. (NTSB Investigation HWY19FH008, ongoing)

May 29, 2018, Laguna Beach, CA, Tesla Model S: A Tesla reportedly in “Autopilot” crashed into a parked Laguna Beach Police Department Vehicle. The Tesla driver suffered minor injuries.

March 23, 2018, Mountain View, CA, Tesla Model X: While on “Autopilot”, the vehicle struck a safety barrier, causing the death of the driver. (NTSB Investigation HWY18FH011, hearing scheduled 2/25/20)

March 18, 2018, Tempe, AZ, Uber Self-Driving Test Vehicle: The Uber vehicle, which was operating on “self-driving mode,” struck and killed a pedestrian walking a bicycle. (NTSB Investigation HWY18MH010, report completed)
January 22, 2018, Culver City, CA, Tesla Model S: The Tesla, reportedly on “Autopilot,” was traveling at 65mph when it crashed into the back of a parked fire truck that was responding to the scene of a separate crash. Remarkably, neither the driver nor the first responders were injured. (NTSB Investigation HWY18FH004, brief issued)

Photo Source: Culver City Firefighters

November 8, 2017, Las Vegas, NV, Driverless Shuttle Bus: A driverless shuttle was involved in a crash during its first day of service. Fortunately, there were no deaths or injuries. (NTSB Investigation HWY18FH001, brief issued)

Photo Source: Fox5 Vegas

May 7, 2016, Williston, FL, Tesla Model S: Driver killed when his vehicle, operating on “Autopilot,” crashed into the side of a truck tractor combination, traveling underneath the trailer. (NTSB Investigation HWY16FH018, completed)

Photo Source: NTSB