

Frederick County FFY2024 Problem Identification

Overall

Frederick County accounted for 4.4% of the population and 5.5% of the vehicle miles traveled (VMT) in the State of Maryland on average over the past three years (2019-2021). During that time, an annual average of 23 traffic fatalities have occurred in the County, which have remained almost steady, ranging from 24 (4.5% of all fatalities in the State) to 23 (4.0%) to 23 (4.1%). The number of serious injuries (defined as KABCO=4 on the police crash report) over the past three years in Frederick County has been decreasing, ranging from 109 to 110 to 102, which are 3.5%, 4.0%, and 3.3% of the State total for serious injuries in 2019, 2020, and 2021 respectively.

Usually several hundred thousand citations for traffic violations are issued across the State and adjudicated in Maryland District Courts each year (435,907 in 2019 and 320,078 in 2020). However, only 308,384 citations were issued and adjudicated in the year 2021 across the State. Over the previous three years, the number of traffic citations issued in Frederick County has steeply decreased from 15,536 (3.6% of statewide traffic citations) in 2019 to 11,258 (3.5%) in 2020 to 11,157 (3.6%) in 2021. These citations were issued anywhere within the boundaries of Frederick County to a resident of any jurisdiction, state, or country.

Aggressive Driving

Aggressive driving fatalities in Frederick County during the past three years have fallen and plateaued, with 3 occurring in 2019, 1 in 2020, and 0 in 2021. Serious injuries resulting from such crashes in the County have fallen, ranging from 6 in 2019 to 4 in 2020 and 3 in 2021. Aggressive driving crashes occurring in 2021 accounted for 0.0% of all fatalities and 1.8% of all serious injuries in the State.

Aggressive driving citations are rarely issued because a driver must be observed committing three or more specific infractions to qualify under the aggressive driving statute. In Maryland, 738 such citations were issued on average over the past three years. Of those, an average of 29 were issued in Frederick County (39 in 2019, 28 in 2020, and 19 in 2021).

Distracted Driving

Since 2019, there have been an annual average of about 14 distracted driving fatalities occurring in Frederick County. In 2021, distracted driving in the County added 12 deaths to the State's distracted driving fatalities, a point on a trend that has been decreasing over the previous three years (15 in 2019 and 14 in 2020). Serious injuries resulting from distracted driving crashes in the County have fluctuated over the past three years, from 59 in 2019 (3.9% of all distracted driving serious injuries in the State) to 66 in 2020 (5.4% of all) to 56 in 2021 (4.0% of all). In 2021, 52.2% of all fatalities and 54.9% of all serious injuries recorded in Frederick County resulted from distracted driving crashes.

Distracted driving citations issued in Maryland during the past three years have decreased significantly, ranging from 33,974 in 2019 to 19,432 in 2020 and 17,466 in 2021. During the same period, distracted driving citations issued in Frederick County have steeply decreased, ranging from 1,571 in 2019 to 723 in 2020 and 471 in 2021. As a proportion of the distracted driving citations issued statewide, those handed out in the County accounted for 4.6% in 2019, 3.7% in 2020, and 2.7% in 2021.

Impaired Driving

Over the past three years, an average of 8 impaired driving fatalities occurred per year in Frederick County. Fatalities from such crashes have increased, ranging from 6 (3.9% of all impaired driving fatalities in Maryland) in 2019 to 5 (4.1% of all) in 2020 to 13 (7.3% of all) in 2021. Serious injuries resulting from such crashes in the County over the same time period have trended up then down, ranging from 24 in 2019 (4.9% of all impaired driving serious injuries in the State) to 26 in 2020 (5.8% of all) to 22 in 2021 (4.8% of all). In 2021, 56.5% of all fatalities and 21.6% of all serious injuries in Frederick County resulted from impaired driving crashes, compared to 31.6% of all fatalities and 14.9% of all serious injuries from impaired driving crashes occurring throughout the State.

Impaired driving relates to driving while impaired by alcohol and/or drugs or controlled dangerous substances. Several citations may be issued at the point of an encounter with an impaired driver. Therefore, all judicial figures related to impaired driving will be quantified using arrests, not individual citations. Impaired driving arrests have seesawed in Maryland over the past three years, from 19,022 in 2019 to 14,017 in 2020 to 14,855 in 2021. During the same period, impaired driving arrests have fluctuated in Frederick County, ranging from 801 in 2019 to 611 in 2020 to 623 in 2021. As a proportion of impaired driving arrests in the State, the number of impaired driving arrests in the County accounted for 4.2% in 2019, 4.4% in 2020, and 4.2% in 2021. Of the impaired arrests in the County in 2021, 2.1% were of older drivers (ages 65+) while 4.0% were of young drivers (ages 16-20).

Speeding

During the past three years, Frederick County averaged 3 speeding related fatalities per year, which have fluctuated over that time: 3 in 2019, 6 in 2020, and 1 in 2021. Serious injuries resulting from such crashes in the County over the past three years have been increasing, ranging from 9 in 2019 to 11 in 2020 and 14 in 2021. In 2021, 1.0% of statewide speeding related fatalities and 4.0% of statewide speeding related serious injuries resulted from crashes in Frederick County. Over the same year, 4.3% of all fatalities and 13.7% of all serious injuries recorded in Frederick County were the result of crashes involving driving speed.

Speeding citations are very common even though those adjudicated through the District Court do not include automated enforcement. Speeding citations issued in Frederick County have been alternating over the past three years, with 6,890 (3.8% of statewide speeding citations), 5,133 (3.4% of statewide), and 5,654 (4.0% of all) issued in 2019, 2020, and 2021, respectively. Statewide speeding citations have decreased significantly over the same three

years: 182,169, 151,093, and 139,797. Speeding citations comprised 50.7% of all Frederick County citations in 2021.

Non-motorists

Non-motorists are defined here as pedestrians (on foot) and bicyclists. Pedestrian fatalities in Frederick County have remained almost steady over the previous three years, from 1 (2019) to 2 (2020) to 1 (2021), while serious injuries have dipped and increased, ranging from 10 (2019) to 4 (2020) to 6 (2021). The occurrence of bicyclist fatalities in Frederick County has been infrequent, with 1 in 2019, 0 in 2020, and 0 in 2021, while serious injuries to bicyclists have fallen and plateaued, ranging from 3 in 2019 to 1 in 2020 to 0 in 2021.

Very few non-motorist citations are issued throughout the State, to either the pedestrian or the motor vehicle driver. Typically, more violations are issued to drivers, and in Frederick County 6 were issued to drivers against pedestrians or bicyclists in 2021, while 3 were issued to pedestrians or bicyclists that year. As a proportion of statewide totals (648 and 182), those numbers represent 0.9% and 1.6%, respectively, in 2021.

Motorcycles

Motorcycle rider fatalities have remained constant over the past three years in Frederick County, ranging from 6 (2019) to 6 (2020) to 6 (2021). Serious injuries to motorcyclists have been alternating, ranging from 15 (2019) to 22 (2020) to 20 (2021). The 2021 figures account for 7.9% of motorcycle rider fatalities and 6.1% of rider serious injuries that occurred in the State.

Maryland has had a universal helmet law in place for several decades; consequently, the incidence of unhelmeted motorcyclists involved in a crash is low. The State has averaged 9 unhelmeted motorcycle rider fatalities per year over the past three years; unhelmeted motorcycle fatalities in Frederick County have remained relatively constant (an average of 1 per year). However, 6 seriously injured riders in Frederick County were unhelmeted in 2021, which is 5.8% of the State total (compared to 5 in 2019 and 2 in 2020).

Older Drivers

In Maryland, older driver safety programs focus on drivers of age 65 years or older. The data presented here on fatalities and serious injuries include any person involved in a crash with an older driver. Older drivers were involved in crashes that resulted in an average of 91 fatalities in Maryland each year (105 in 2019, 91 in 2020, and 78 in 2021). During that time, serious injuries resulting from these crashes in Maryland have oscillated, ranging from 512 in 2019 to 381 in 2020 to 429 in 2021. Fatal crashes involving older drivers in Frederick County averaged 5 over the same period (ranging from 6 in 2019, 5 in 2020 to 3 in 2021). Further, serious injuries resulting from these crashes in the County have trended down then up, ranging from 22 in 2019, 11 in 2020, to 17 in 2021.

A total of 10,350 citations for moving violations or restraint usage were issued to drivers of age 65+ in Maryland in 2021. Over the past three years, the number of traffic citations issued

to older drivers in Frederick County has decreased significantly from 668 (3.8% of those issued statewide) in 2019 to 430 (3.9%) in 2020 to 405 (3.9%) in 2021.

Young Drivers

In Maryland, young driver safety programs focus on individuals between ages 16 and 20. The data presented here on fatalities and serious injuries include any person involved in a crash with a young driver. Young drivers were involved in crashes that resulted in an average of 54 fatalities in Maryland each year (46 in 2019, 56 in 2020, and 61 in 2021). During that time, serious injuries resulting from these crashes in Maryland have been alternating, ranging from 407 in 2019 to 345 in 2020 to 376 in 2021. In 2021 there was 1 fatality involving a young driver in Frederick County, a number that has decreased over time, with 3 in 2019 and 4 in 2020. Further, serious injuries due to crashes involving young drivers have stayed about the same over the same period, from 12 in 2019 to 13 in 2020 to 11 in 2021.

A total of 33,462 citations for moving violations or restraint usage were issued to drivers of age 16-20 in Maryland in 2021. Over the past three years, the number of traffic citations issued to young drivers in Frederick County has fallen and plateaued: 1,553 (3.8% of those issued statewide), 1,247 (3.5%), and 1,250 (3.7%) in 2019, 2020, and 2021, respectively.

Occupant Protection

An unrestrained occupant is defined as a child under the age of eight reported to be not restrained in a child safety seat (which includes harness and booster seats) or a person over the age of eight not reported as restrained by a seat belt while riding in a passenger vehicle or light truck. Unrestrained occupant fatalities have been decreasing over the past three years in Frederick County, ranging from 7 (2019) to 7 (2020) to 4 (2021). Serious injuries have trended up then down over the same period: 23 (2019) to 29 (2020) to 20 (2021). The 2021 values accounted for 2.9% of the unrestrained fatalities and 5.2% of the unrestrained serious injuries occurring in the State.

In 2021, 14,994 citations were issued statewide for safety equipment violation (including seat belt violations and child safety seat violations), which decreased significantly when compared to the numbers issued in the previous years (29,653 in 2019 and 16,833 in 2020). In Frederick County, 272 such citations were issued in 2021, representing 1.8% of the statewide total, compared to 1,042 in 2019 and 684 in 2020.

The MHSO conducts an annual roadside survey of seat belt usage in Maryland. The statewide observed seat belt usage rate for Maryland in 2022 among drivers and front seat passengers of all vehicles was 92.7%, while the overall observed seat belt usage rate for Frederick County was 92.8%.

Note: Citation frequencies and percentages reported here may be underestimates of actual issued citations due to an ongoing system conversion.