

## Baltimore City FFY2024 Problem Identification

### Overall

Baltimore City accounted for 9.6% of the population and 5.8% 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 55 traffic fatalities have occurred in the City, which have varied, ranging from 49 (9.2% of all fatalities in the State) to 68 (11.9%) to 48 (8.5%). The number of serious injuries (defined as KABCO=4 on the police crash report) over the past three years in Baltimore City has seesawed, ranging from 471 to 440 to 543, which are 15.1%, 16.2%, and 17.8% 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 Baltimore City has steeply decreased from 21,100 (4.8% of statewide traffic citations) in 2019 to 13,898 (4.3%) in 2020 to 13,142 (4.3%) in 2021. These citations were issued anywhere within the boundaries of Baltimore City to a resident of any jurisdiction, state, or country.

### Aggressive Driving

Aggressive driving fatalities in Baltimore City during the past three years have varied, with 3 occurring in 2019, 10 in 2020, and 6 in 2021. Serious injuries resulting from such crashes in the City have leveled after a decrease, ranging from 24 in 2019 to 19 in 2020 and 20 in 2021. Aggressive driving crashes occurring in 2021 accounted for 18.2% of all fatalities and 11.8% 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 22 were issued in Baltimore City (21 in 2019, 25 in 2020, and 19 in 2021).

### Distracted Driving

Since 2019, there have been an annual average of about 15 distracted driving fatalities occurring in Baltimore City. In 2021, distracted driving in the City added 14 deaths to the State's distracted driving fatalities, a point on a trend that has been alternating over the previous three years (9 in 2019 and 22 in 2020). Serious injuries resulting from distracted driving crashes in the City have fallen and risen over the past three years, from 123 in 2019 (8.2% of all distracted driving serious injuries in the State) to 114 in 2020 (9.4% of all) to 137 in 2021 (9.8% of all). In 2021, 29.2% of all fatalities and 25.2% of all serious injuries recorded in Baltimore City 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 Baltimore City have steeply decreased, ranging from 1,217 in 2019 to 509 in 2020 and 373 in 2021. As a proportion of the distracted driving citations issued statewide, those handed out in the City accounted for 3.6% in 2019, 2.6% in 2020, and 2.1% in 2021.

## Impaired Driving

Over the past three years, an average of 17 impaired driving fatalities occurred per year in Baltimore City. Fatalities from such crashes have oscillated, ranging from 18 (11.8% of all impaired driving fatalities in Maryland) in 2019 to 21 (17.4% of all) in 2020 to 11 (6.2% of all) in 2021. Serious injuries resulting from such crashes in the City over the same time period have decreased, ranging from 34 in 2019 (7.0% of all impaired driving serious injuries in the State) to 25 in 2020 (5.6% of all) to 20 in 2021 (4.4% of all). In 2021, 22.9% of all fatalities and 3.7% of all serious injuries in Baltimore City 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 been alternating in Baltimore City, ranging from 1,060 in 2019 to 753 in 2020 to 900 in 2021. As a proportion of impaired driving arrests in the State, the number of impaired driving arrests in the City accounted for 5.6% in 2019, 5.4% in 2020, and 6.1% in 2021. Of the impaired arrests in the City in 2021, 2.3% were of older drivers (ages 65+) while 1.3% were of young drivers (ages 16-20).

## Speeding

During the past three years, Baltimore City averaged 15 speeding related fatalities per year, which have oscillated over that time: 7 in 2019, 24 in 2020, and 14 in 2021. Serious injuries resulting from such crashes in the City over the past three years have leveled after an increase, ranging from 26 in 2019 to 31 in 2020 and 30 in 2021. In 2021, 14.6% of statewide speeding related fatalities and 8.6% of statewide speeding related serious injuries resulted from crashes in Baltimore City. Over the same year, 29.2% of all fatalities and 5.5% of all serious injuries recorded in Baltimore City 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 Baltimore City have seen a significant decrease over the past three years, with 4,586 (2.5% of statewide speeding citations), 2,986 (2.0% of statewide), and 2,617 (1.9% 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 19.9% of all Baltimore City citations in 2021.

## Non-motorists

Non-motorists are defined here as pedestrians (on foot) and bicyclists. Pedestrian fatalities in Baltimore City have remained almost steady over the previous three years, from 19 (2019) to 19 (2020) to 20 (2021), while serious injuries have fluctuated, ranging from 123 (2019) to 102 (2020) to 130 (2021). The occurrence of bicyclist fatalities in Baltimore City has remained almost steady, with 2 in 2019, 1 in 2020, and 1 in 2021, while serious injuries to bicyclists have been alternating, ranging from 17 in 2019 to 21 in 2020 to 19 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 Baltimore City 11 were issued to drivers against pedestrians or bicyclists in 2021, while 1 was issued to pedestrians or bicyclists that year. As a proportion of statewide totals (648 and 182), those numbers represent 1.7% and 0.5%, respectively, in 2021.

## Motorcycles

Motorcycle rider fatalities have stayed about the same over the past three years in Baltimore City, ranging from 4 (2019) to 3 (2020) to 4 (2021). Serious injuries to motorcyclists have increased and then decreased, ranging from 19 (2019) to 34 (2020) to 30 (2021). The 2021 figures account for 5.3% of motorcycle rider fatalities and 9.1% 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 Baltimore City have remained almost steady (an average of 1 per year). However, 18 seriously injured riders in Baltimore City were unhelmeted in 2021, which is 17.3% of the State total (compared to 9 in 2019 and 23 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 Baltimore City averaged 6 over the same period (ranging from 7 in 2019, 6 in 2020 to 5 in 2021). Further, serious injuries resulting from these crashes in the City have oscillated, ranging from 37 in 2019, 42 in 2020, to 40 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 Baltimore City has steeply decreased from 565 (3.2% of those issued statewide) in 2019 to 299 (2.7%) in 2020 to 250 (2.4%) 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 were 6 fatalities involving young drivers in Baltimore City, a number that has risen and plateaued over time, with 2 in 2019 and 5 in 2020. Further, serious injuries due to crashes involving young drivers have fallen and risen over the same period, from 44 in 2019 to 42 in 2020 to 54 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 Baltimore City has seen a significant decrease: 1,330 (3.2% of those issued statewide), 1,262 (3.6%), and 1,079 (3.2%) 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 reported as not restrained by a seat belt while riding in a passenger vehicle or light truck. Unrestrained occupant fatalities have oscillated over the past three years in Baltimore City, ranging from 9 (2019) to 17 (2020) to 8 (2021). Serious injuries have seesawed over the same period: 30 (2019) to 38 (2020) to 36 (2021). The 2021 values accounted for 5.8% of the unrestrained fatalities and 9.4% 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 Baltimore City, 610 such citations were issued in 2021, representing 4.1% of the statewide total, compared to 1,909 in 2019 and 897 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 Baltimore City was 85.3%.

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