

## 2018 MASSACHUSETTS STATEWIDE HIGHWAY SAFETY PERFORMANCE TRENDS AND TARGETS

Highway Safety Performance Measure	2015 Safety Measure Value (2011–15 Rolling Average)	Estimated 2018 Safety Measure Value	Total Percent Change	Annual Percent Change	Safety Measure Target for 2018	MA Goal (Move toward Zero) <sup>a</sup>
Number of fatalities	361	352	-2.5%	-0.8%	352	0
Rate of fatalities per 100 million vehicle miles traveled	0.64	0.61	-4.7%	-1.6%	0.61	0
Number of serious injuries	3,252	2,896	-10.9%	-3.6%	2,896	0
Rate of serious injuries per 100 million vehicle miles traveled	5.78	5.01	-13.3%	-4.4%	5.01	0
Number of non-motorized fatalities and non-motorized serious injuries <sup>b</sup>	540.8	618.9	14.4%	4.8%	540.8	0

Note: Estimated 2018 safety measure trend values are based on linear trend lines calculated using 2007–11, 2008–12, 2009–13, 2010–14, and 2011–15 five-year rolling averages. Values for numbers of fatalities and serious injuries are rounded to the integer, while values for the number of non-motorized fatalities and non-motorized serious injuries are rounded to the tenth decimal place. Values for fatality and serious injury rates are rounded to the hundredth decimal place. This table displays Massachusetts targets for federally required highway safety performance measures only.

<sup>a</sup> The long-term goal of the Massachusetts Strategic Highway Safety Plan is to “Move Toward Zero Deaths and eliminate fatalities and serious injuries on the roadways.” See Massachusetts Strategic Highway Safety Plan, 2013, [massdot.state.ma.us/Portals/8/docs/traffic/shsp/shspSeptember2013.pdf](http://massdot.state.ma.us/Portals/8/docs/traffic/shsp/shspSeptember2013.pdf), page 1.

<sup>b</sup> For this measure, MassDOT is setting its target at the 2015 safety measure value instead of the estimated 2018 value.

Sources: Fatality Analysis Reporting System, Massachusetts Crash Data System, Massachusetts Department of Transportation.

## BOSTON REGION HIGHWAY SAFETY PERFORMANCE MEASURE TRENDS

<b>Highway Safety Performance Measure</b>	<b>2015 Safety Measure Value (2011–15 Rolling Average)</b>	<b>Estimated 2018 Safety Measure Value</b>	<b>Total Percent Change</b>	<b>Annual Percent Change</b>
Number of fatalities	122	112	-8.2%	-2.7%
Rate of fatalities per 100 million vehicle-miles traveled	0.46	0.41	-10.9%	-3.6%
Number of serious injuries	1,229	929	-24.4%	-8.1%
Rate of serious injuries per 100 million vehicle-miles traveled	4.61	3.39	-26.5%	-8.8%
Number of non-motorized fatalities and non-motorized serious injuries	249.2	267.8	7.5%	2.5%

Note: Estimated 2018 safety measure trend values are based on linear trend lines calculated using 2007–11, 2008–12, 2009–13, 2010–14, and 2011–15 five-year rolling averages. Values for numbers of fatalities and serious injuries are rounded to the integer, while values for the number of non-motorized fatalities and non-motorized serious injuries are rounded to the tenth decimal place. Values for fatality and serious injury rates are rounded to the hundredth decimal place. This data for the Boston region reflects 101 municipalities, including Duxbury, Hanover, Pembroke, and Stoughton.

Sources: Fatality Analysis Reporting System, Massachusetts Crash Data System, Massachusetts Department of Transportation, Boston Region MPO staff.