

Vermont Agency of Transportation

Strategic Highway Safety Plan & VT Highway Safety Alliance Update 1/14/2020

Ann L. Gammell, P.E. | Deputy Chief Engineer, Highway Division, VT Agency of Transportation

Ian Degutis, PE, PTOE, Traffic Operations Engineer, VT Agency of Transportation

Colonel Jake Elovirta, Director of Enforcement and Safety, VT Department of Motor Vehicles

Allison Laflamme, Administrator State Highway Safety Office, VT Agency of Transportation

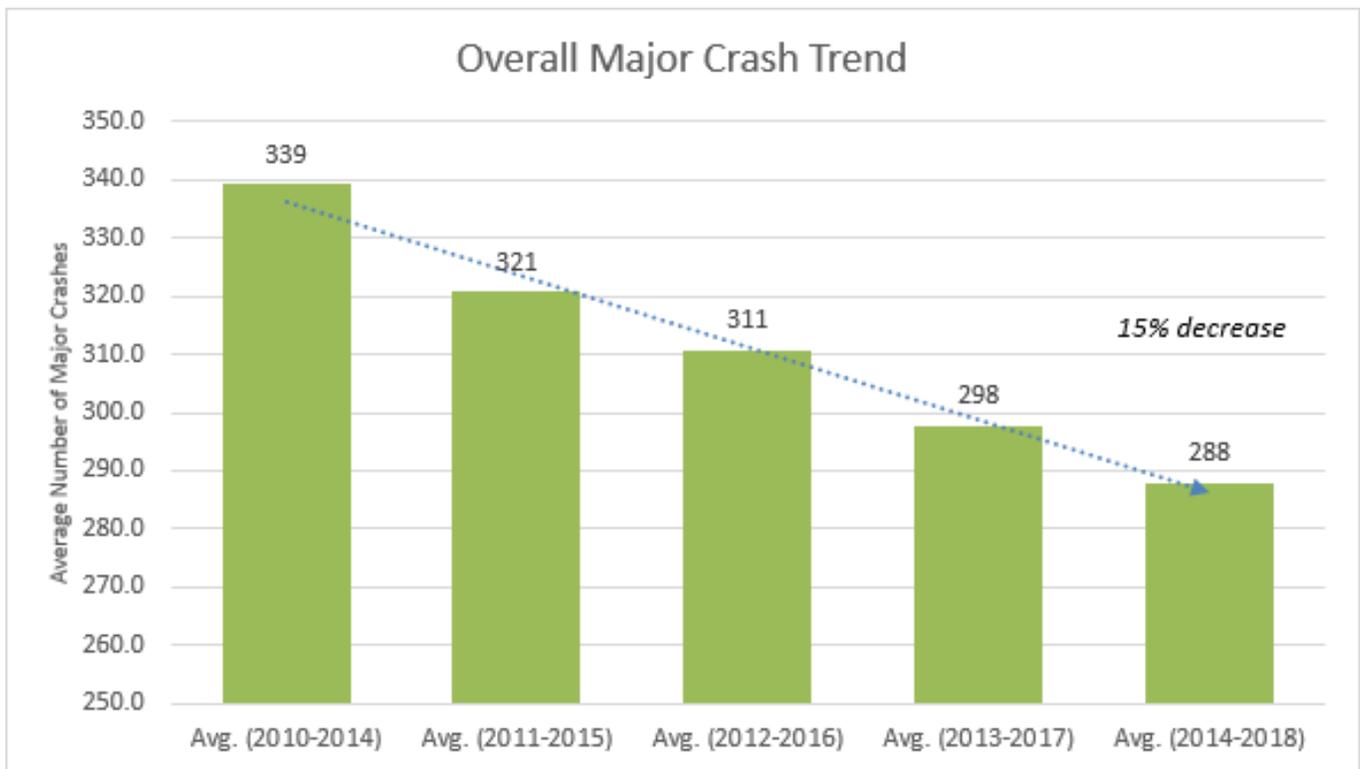
Evelyn McFarlane, Safety Plan Coordinator, VT Agency of Transportation

Mitchell Jay, Vice Chair, Vermont Highway Safety Alliance

The goal of the Vermont Highway Safety Alliance and the Strategic Highway Safety Plan (SHSP) of reducing major crashes by 10% or greater by 2016 was met. The goals for the SHSP for 2017 to 2021 also set a target of reducing major crashes by 10% (average 2% per year) for the five-year period. The goal is based on consideration of the five-year average for the analysis period from 2017-2021, and is measured yearly. The following charts and data include major crash data through 2018 for the Critical Emphasis Areas identified in the SHSP. Data Source: VTrans in-house crash dbase and FARS. Data reflected as submitted by law enforcement.

### Overall Major Crash Trends – 5 Year Rolling Average: 2014 to 2018

**Goal: Reduce Major crashes by 10 Percent (average 2% a year) from 2017 to 2021**



### Major Crash Involves Fatality and/or Suspected Serious Injury

Chart denotes Five Year Moving Average Trend Line

**15% decrease overall: The State is on target for a 2% decrease per year for 5 years**

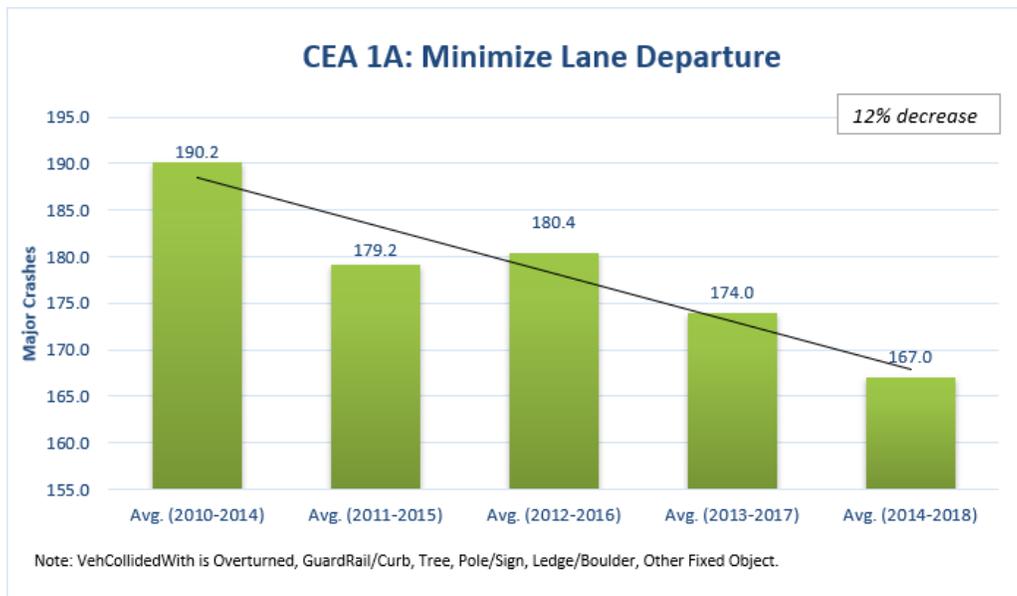
# Critical Emphasis Areas (CEA's) Five Year Rolling Averages from 2014 to 2018

## Major Crash Involves Fatality and/or Suspected Serious Injury

Charts denote Five Year Moving Average Trend Lines

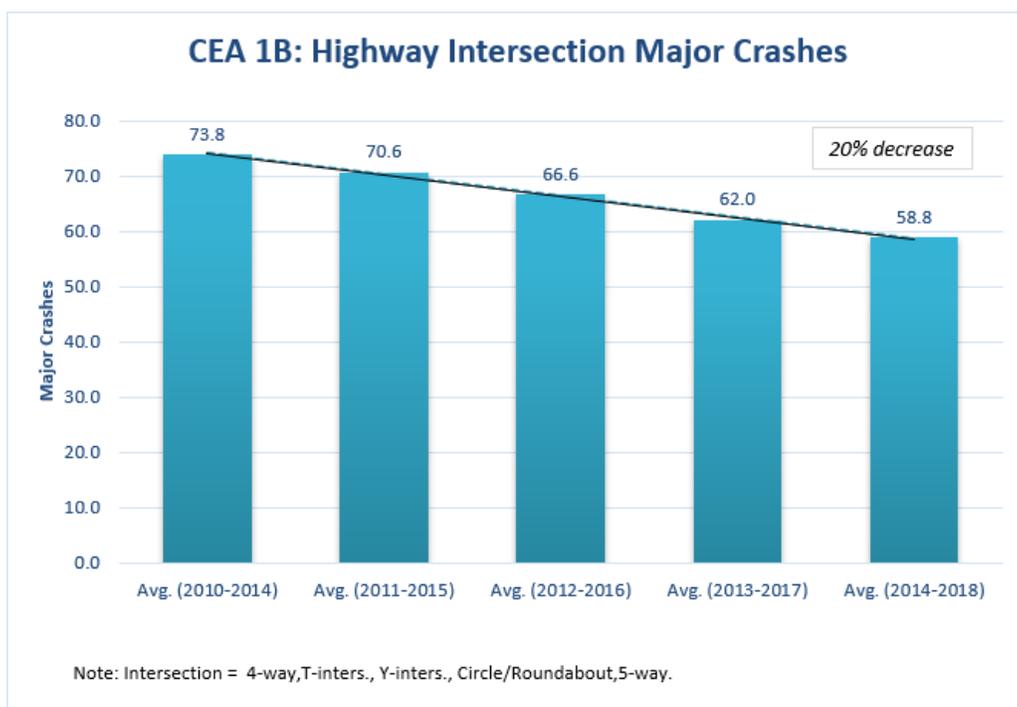
**CEA 1A: Minimize Lane Departure | Goal: Reduce major crashes by 10% between 2017-2021**

The State is on target to meet the goal of an average 2% decrease a year for 5 years.



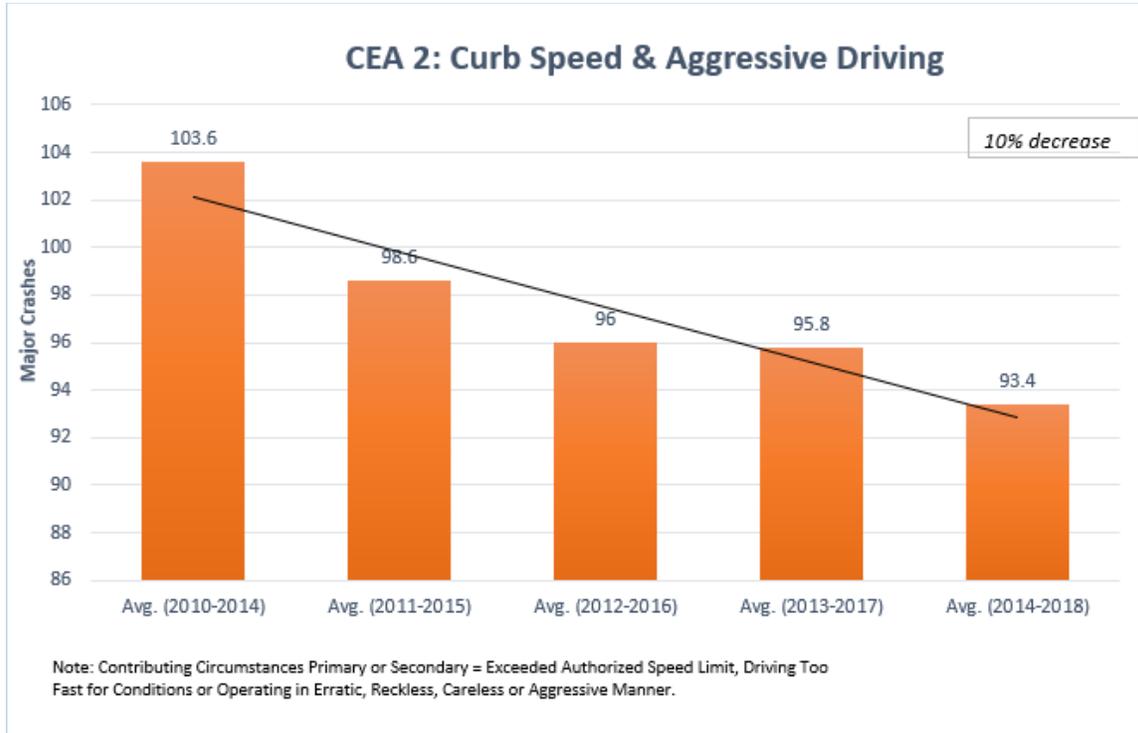
**CEA 1B: Highway Intersection Crashes | Goal: Reduce major crashes by 10% between 2017-2021**

The State is on target to meet the goal of an average 2% decrease a year for 5 years.



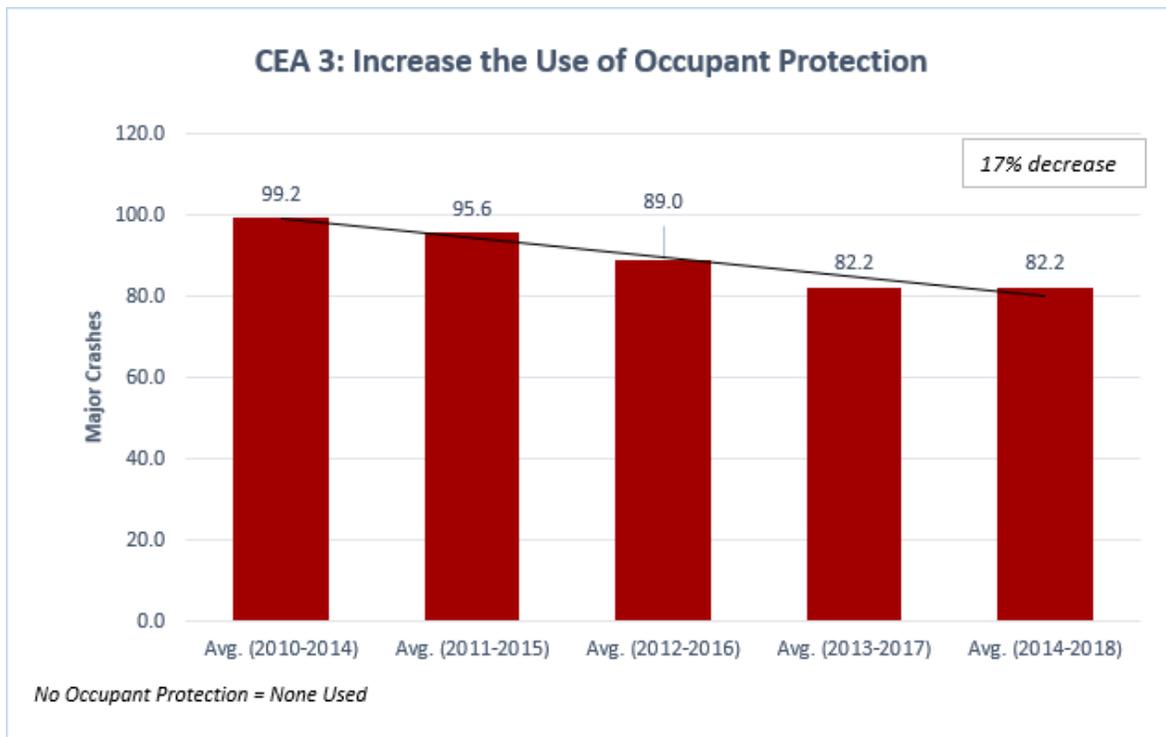
**CEA 2: Curb Speeding and Aggressive Driving | Goal: Reduce major crashes by 20% between 2017-2021**

The State is below the target goal of an average 4% decrease a year for 5 years.



**CEA 3: Increase Use of Occupant Protection | Goal: Reduce major crashes by 20% between 2017-2021**

The State is below the target goal of an average 4% decrease a year for 5 years.



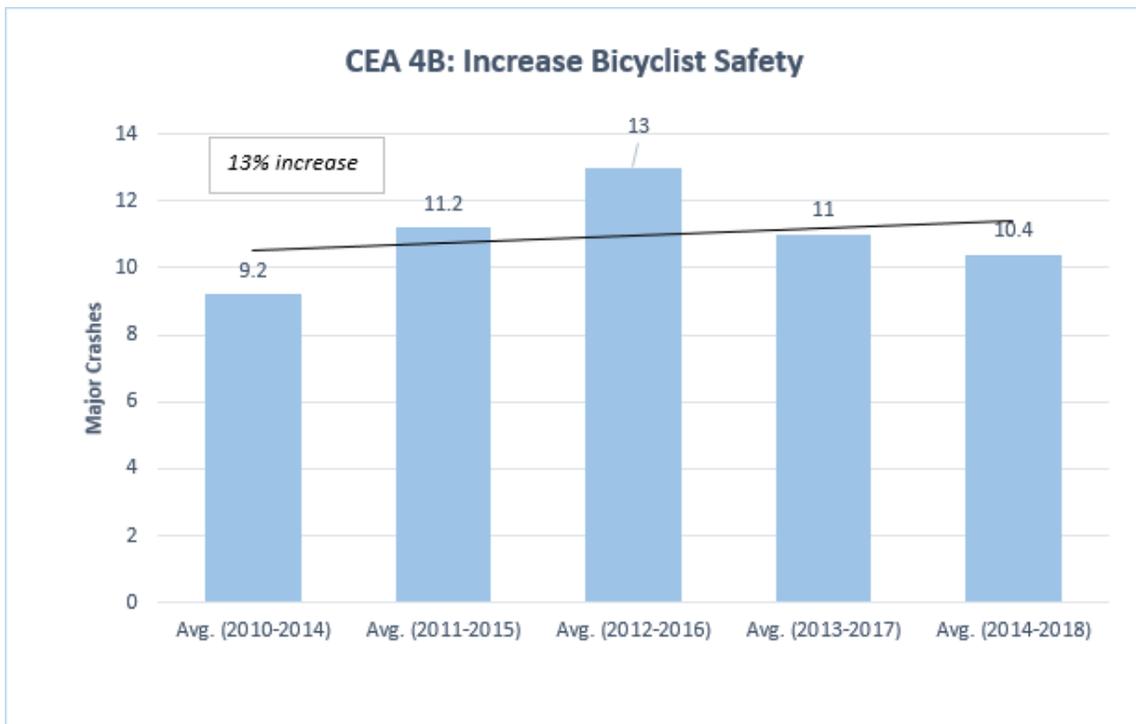
**CEA 4A: Increase Pedestrian Safety | Goal: Reduce major crashes by 10% between 2017-2021**

The State is on target to meet the goal of an average 2% decrease a year for 5 years.



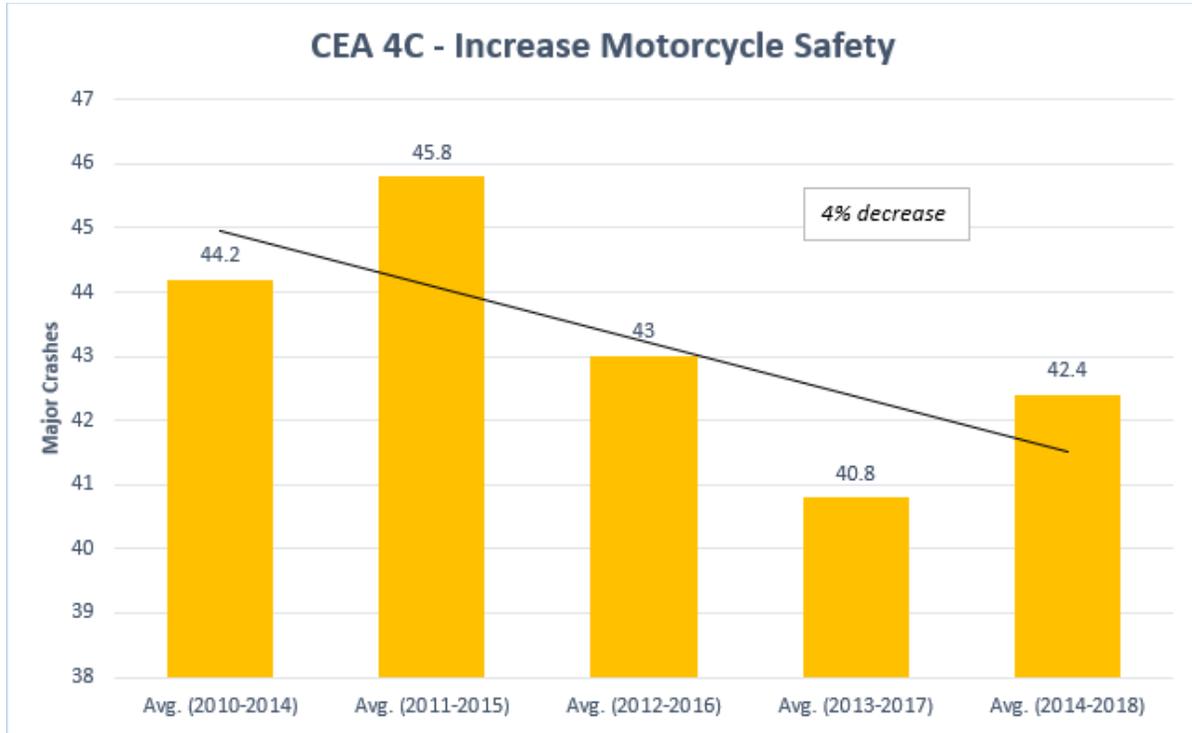
**CEA 4B: Increase Bicyclist Safety | Goal: Reduce major crashes by 10% between 2017-2021**

The State is below the target goal of an average 2% decrease a year for 5 years.



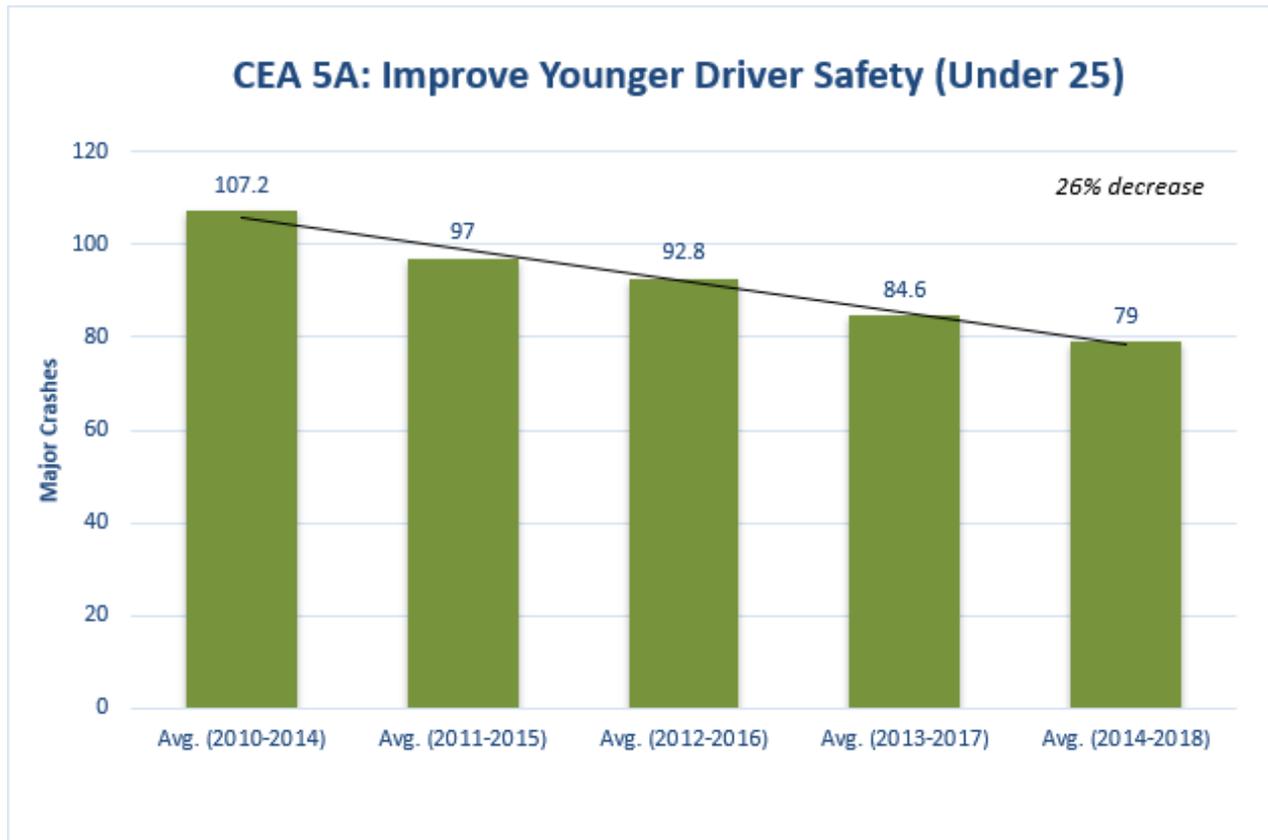
**CEA 4C: Increase Motorcyclist Safety | Goal: Reduce major crashes by 10% between 2017-2021**

The State is below the target goal of an average 2% decrease a year for 5 years.



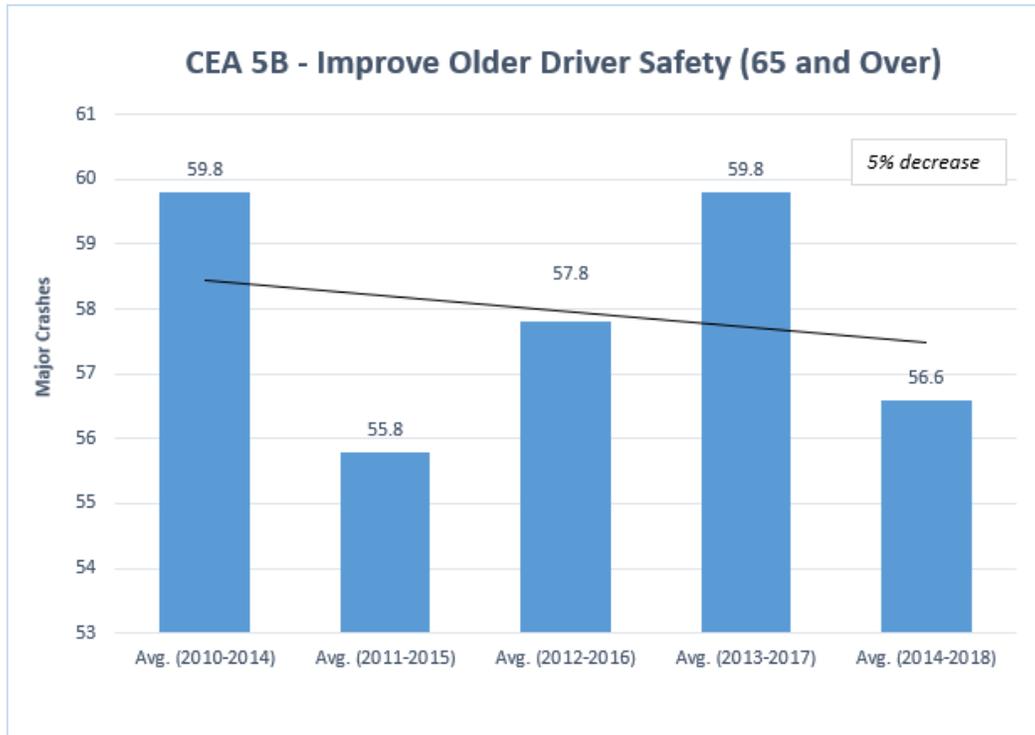
**CEA 5A: Improve Younger Driver Safety | Goal: Reduce major crashes by 15% between 2017-2021**

The State is on target to meet the goal of an average 3% decrease a year for 5 years.



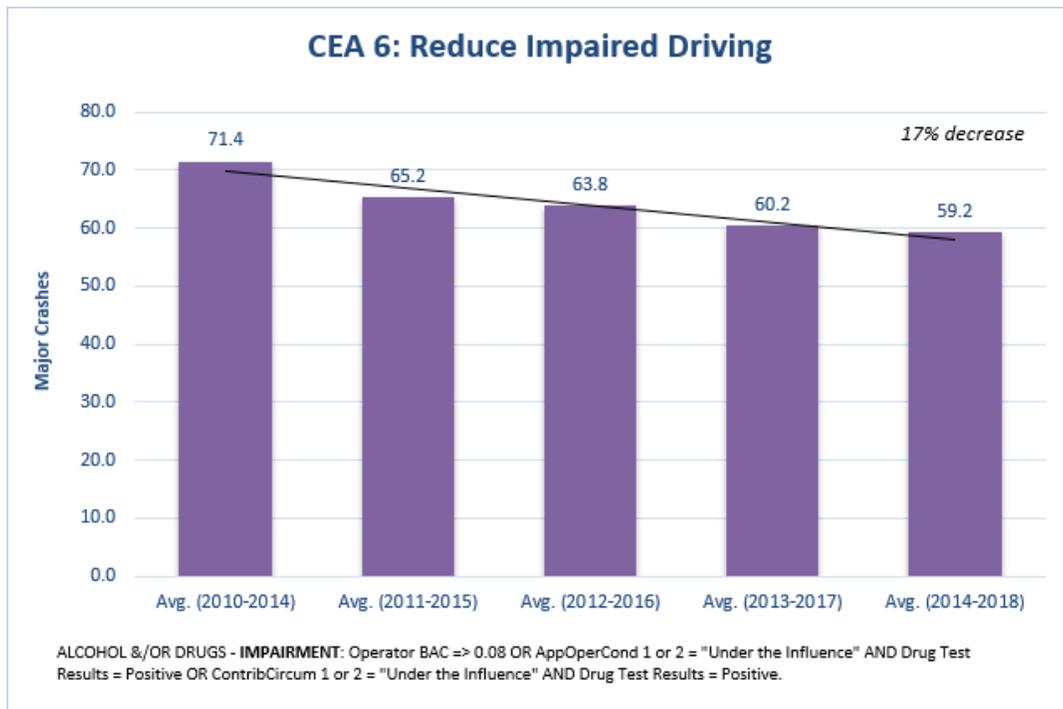
**CEA 5B: Improve Older Driver Safety | Goal: Reduce major crashes by 5% between 2017-2021**

The State is on target to meet the goal of an average 1% decrease a year for 5 years.



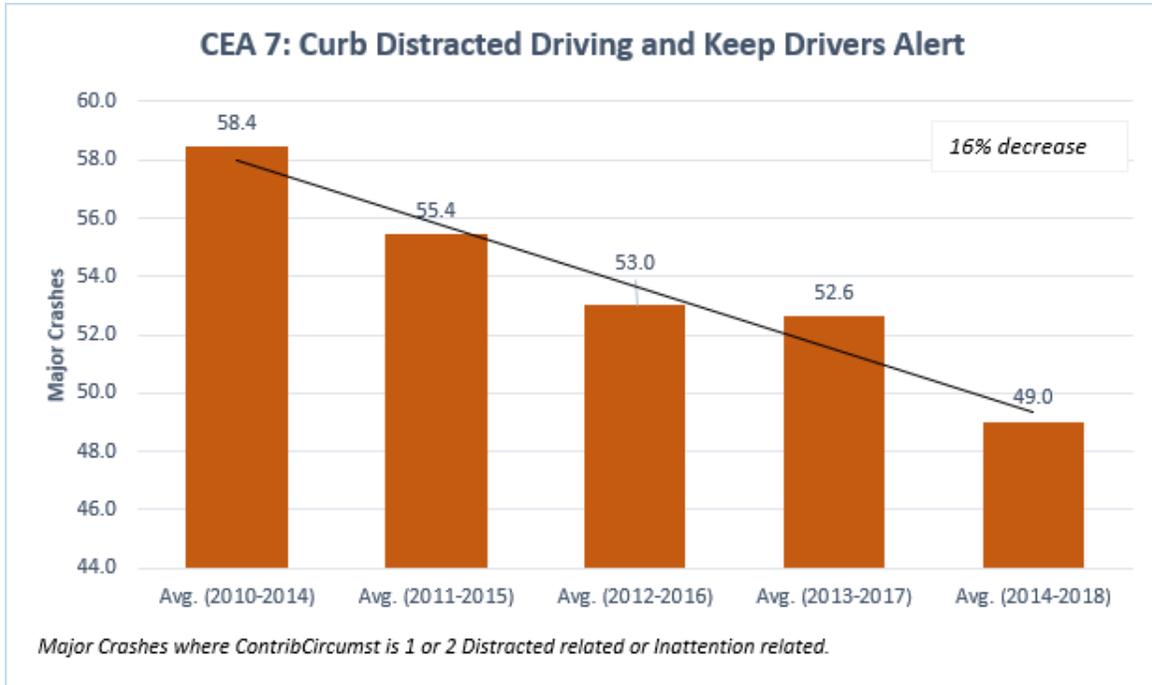
**CEA 6: Reduce Impaired Driving | Goal: Reduce major crashes by 10% between 2017-2021**

The State is on target to meet the goal of an average 2% decrease a year for 5 years.



**CEA 7: Curb Distracted Driving and Keeping Drivers Alert | Goal: Reduce major crashes by 10% between 2017-2021**

The State is on target to meet the goal of an average 2% decrease a year for 5 years.



**Fatality Rates: Vermont, U.S. and Best State**

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2014	Vermont	44	7,059	0.62	625,218	7.04
	US	32,744	3,025,656	1.08	318,386,421	10.28
	Best State*			0.62		3.47
2015	Vermont	57	7,314	0.78	625,197	9.12
	US	35,484	3,095,373	1.15	320,742,673	11.06
	Best State*			0.57		3.41
2016	Vermont	62	7,382	0.84	623,644	9.94
	US	37,806	3,174,408	1.19	323,071,342	11.70
	Best State*			0.63		3.93
2017	Vermont	69	7,424	0.93	624,525	11.05
	US	37,473	3,212,347	1.17	325,147,121	11.52
	Best State*			0.55		4.46
2018	Vermont	68			626,299	10.86
	US	36,560			327,167,434	11.17
	Best State*					4.41

[Download Table into Excel \(csv\)](#)

\*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2018 National VMT is a Preliminary Estimate and Subject to Change

2018 State Vehicle Miles Traveled (VMT) Data is Not Yet Available