Vermont Agency of Transportation

Strategic Highway Safety Plan & VT Highway Safety Alliance Update Testimony 1/17/2020

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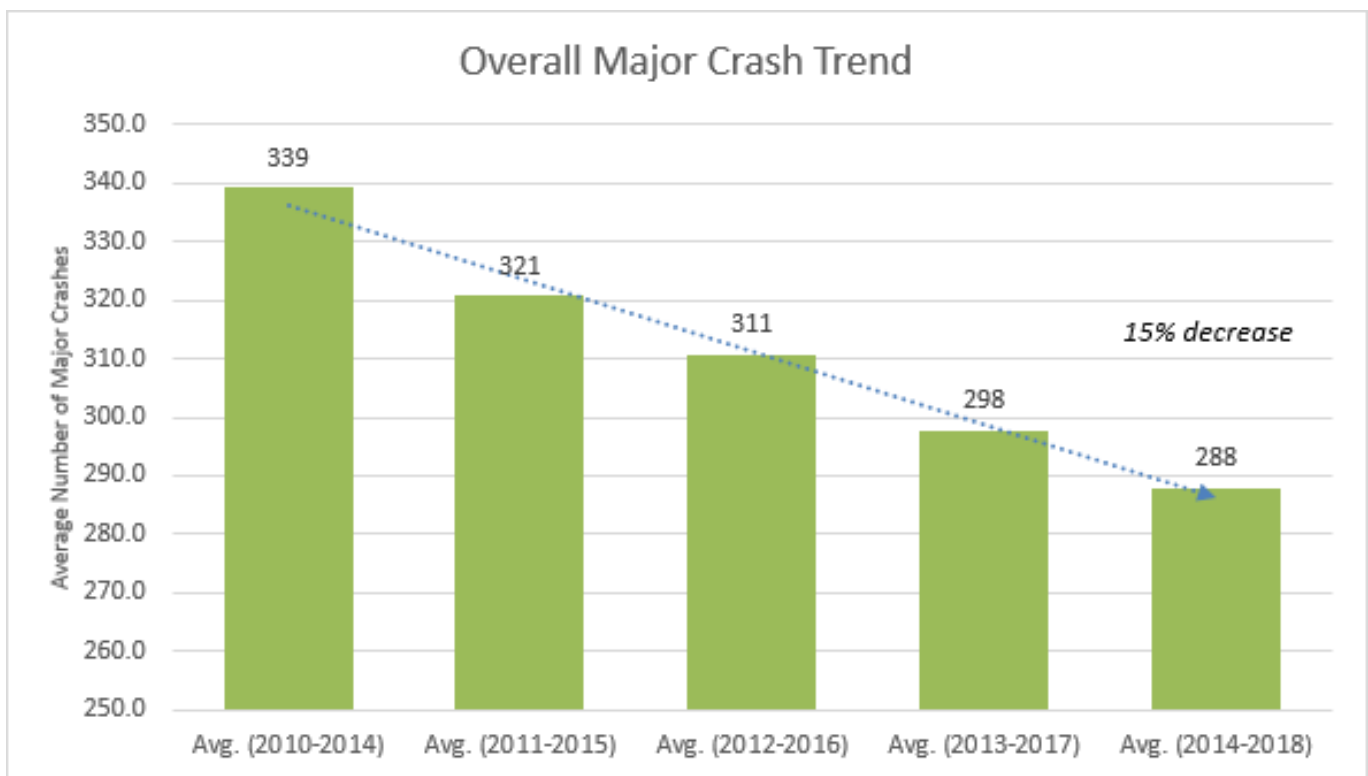**Evelyn McFarlane, Safety Plan Coordinator, VT Agency of Transportation**
Mitchell Jay, Vice Chair, Vermont Highway Safety Alliance

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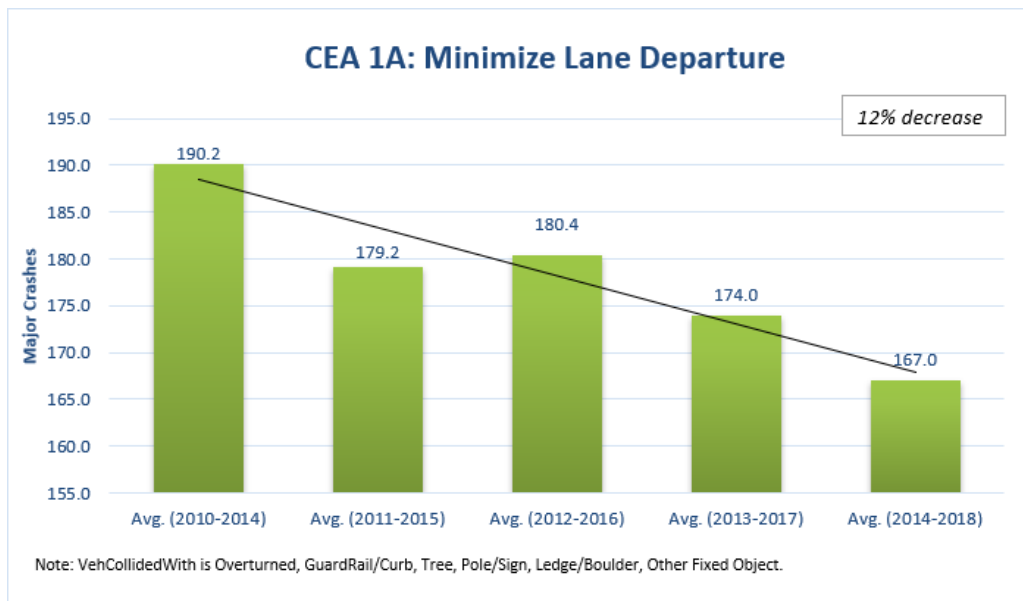
Critical Emphasis Areas (CEA's) Five Year Rolling Averages from 2014 to 2018

Major Crash Involves Fatality and/or Suspected Serious Injury

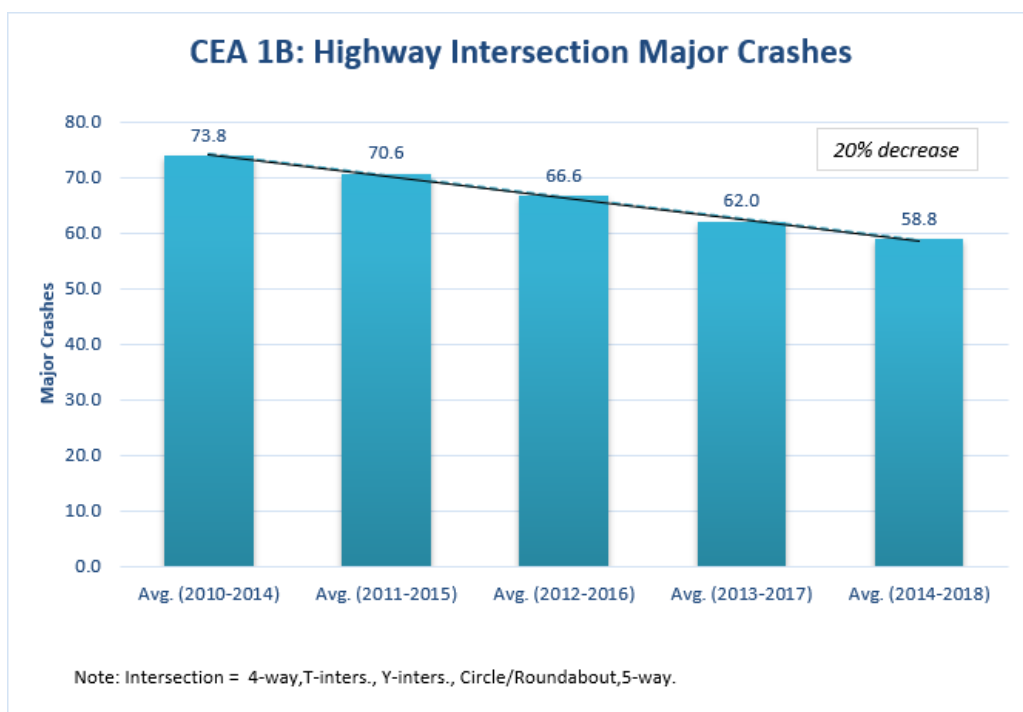## Charts denote Five Year Moving Average Trend Lines

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 1A: Minimize Lane Departure

	12% decrease

Major Crashes

- Avg. (2010-2014): 190.2
- Avg. (2011-2015): 179.2
- Avg. (2012-2016): 180.4
- Avg. (2013-2017): 174.0
- Avg. (2014-2018): 167.0

Note: VehCollidedWith is Overturned, GuardRail/Curb, Tree, Pole/Sign, Ledge/Boulder, Other Fixed Object.
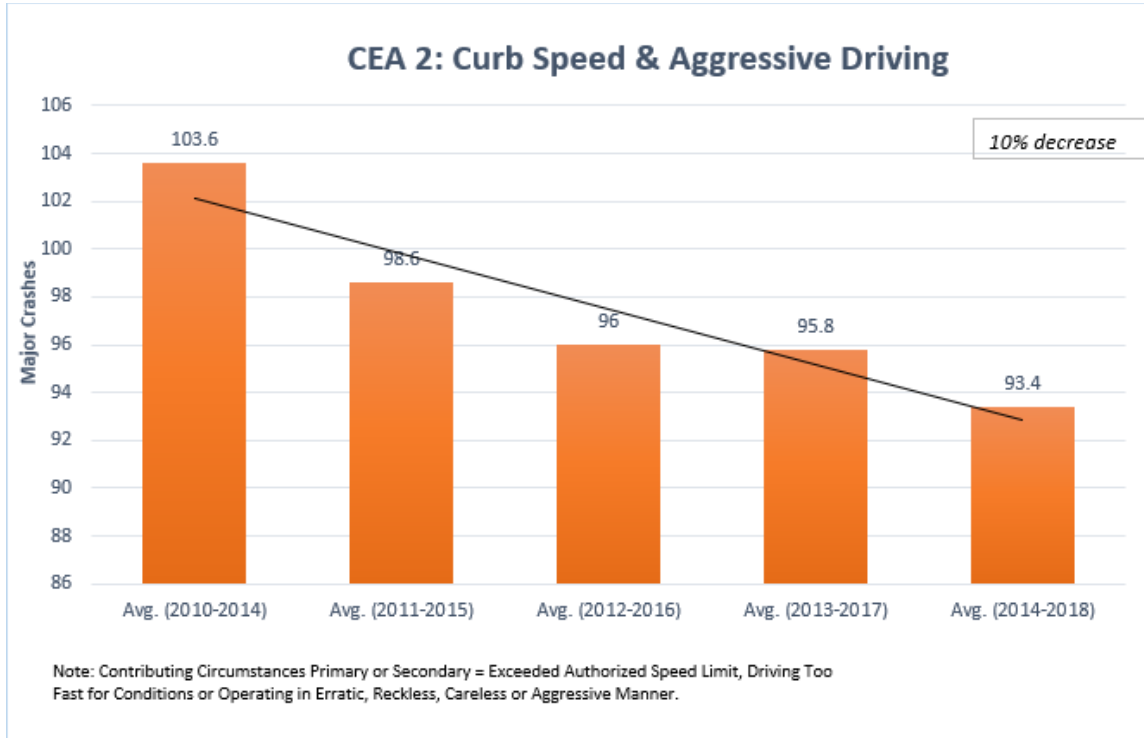
CEA 1B: Highway Intersection Crashes | Goal: Reduce major crashes by 10% between 2017-2021

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

CEA 1B: Highway Intersection Major Crashes

	20% decrease

Major Crashes

- Avg. (2010-2014): 73.8
- Avg. (2011-2015): 70.6
- Avg. (2012-2016): 66.6
- Avg. (2013-2017): 62.0
- Avg. (2014-2018): 58.8

Note: Intersection = 4-way, T-inters., Y-inters., Circle/Roundabout, 5-way.
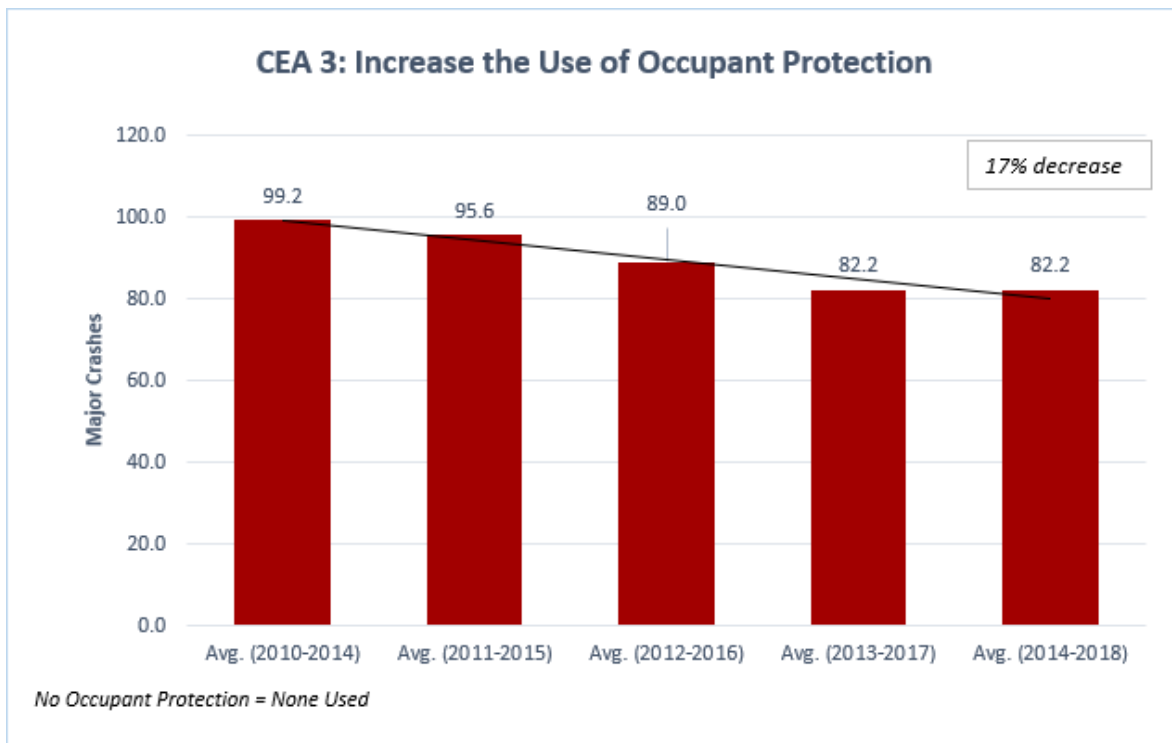
CEA 2: Curb Speeding and Aggressive Driving | Goal: Reduce major crashes by 20% between 2017-2021

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

CEA 2: Curb Speed & Aggressive Driving

10% decrease

Avg. (2010-2014)	Avg. (2011-2015)	Avg. (2012-2016)	Avg. (2013-2017)	Avg. (2014-2018)
103.6	98.6	96	95.8	93.4

Major Crashes

Note: Contributing Circumstances Primary or Secondary = Exceeded Authorized Speed Limit, Driving Too
Fast for Conditions or Operating in Erratic, Reckless, Careless or Aggressive Manner.

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 3: Increase the Use of Occupant Protection

17% decrease

Avg. (2010-2014)	Avg. (2011-2015)	Avg. (2012-2016)	Avg. (2013-2017)	Avg. (2014-2018)
99.2	95.6	89.0	82.2	82.2

Major Crashes

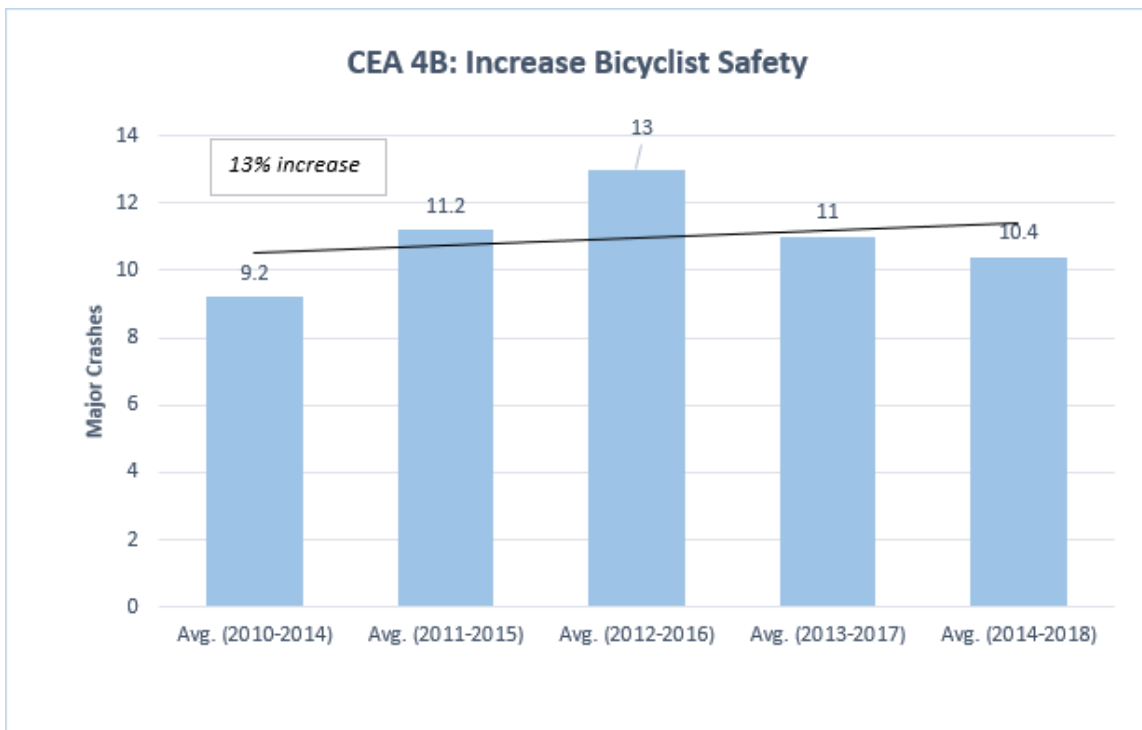*No Occupant Protection = None Used*

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.
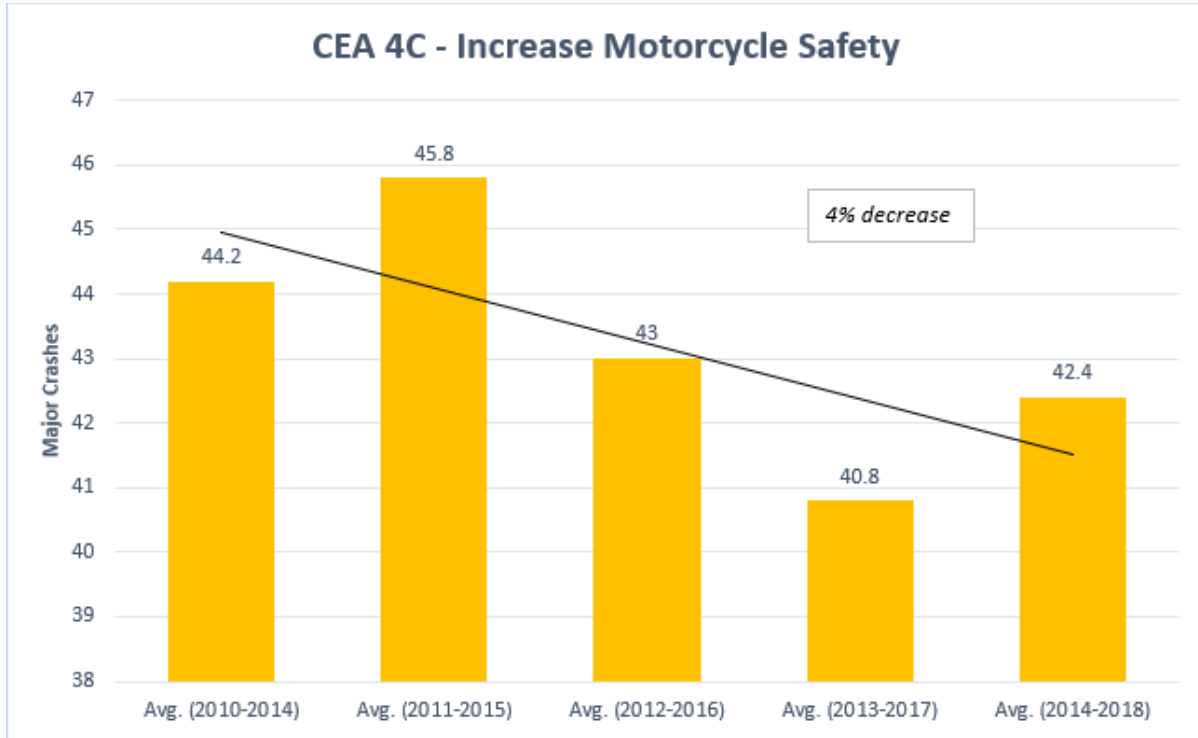

CEA 4B: Increase Bicyclist Safety | Goal: Reduce major crashes by 10% between 2017-2021

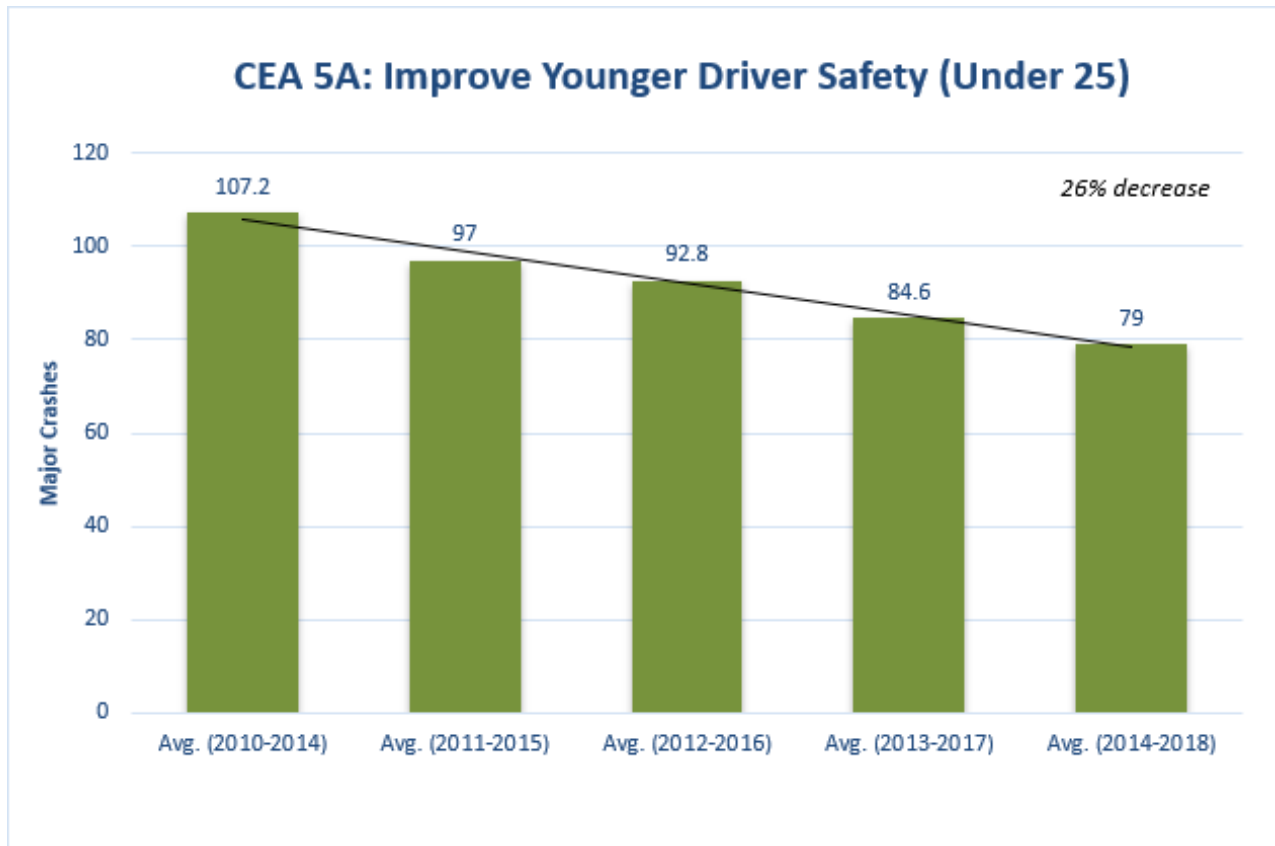**The State is below the target goal of an average 2% decrease a year for 5 years.**

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 4C - Increase Motorcycle Safety

4% decrease

| | 44.2 | 45.8 | 43 | 40.8 | 42.4 |

Major Crashes

Avg. (2010-2014) | Avg. (2011-2015) | Avg. (2012-2016) | Avg. (2013-2017) | Avg. (2014-2018)
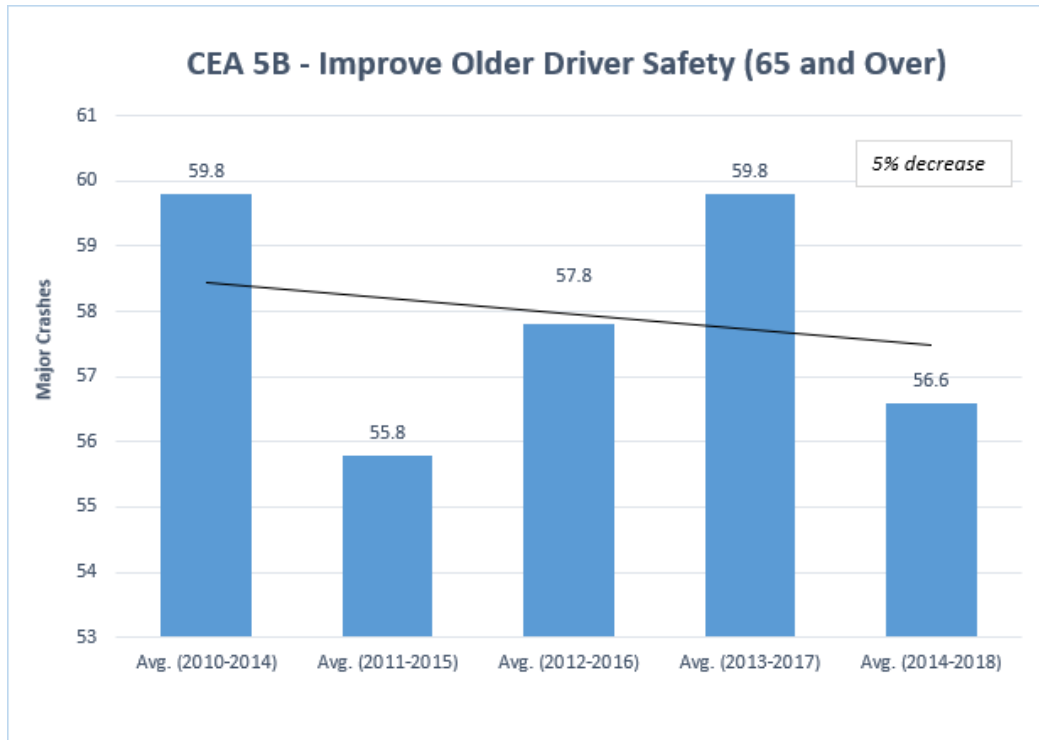
CEA 5A: Improve Younger Driver Safety | Goal: Reduce major crashes by 15% between 2017-2021

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

CEA 5A: Improve Younger Driver Safety (Under 25)

107.2 | 97 | 92.8 | 84.6 | 79

26% decrease

Major Crashes

Avg. (2010-2014) | Avg. (2011-2015) | Avg. (2012-2016) | Avg. (2013-2017) | Avg. (2014-2018)
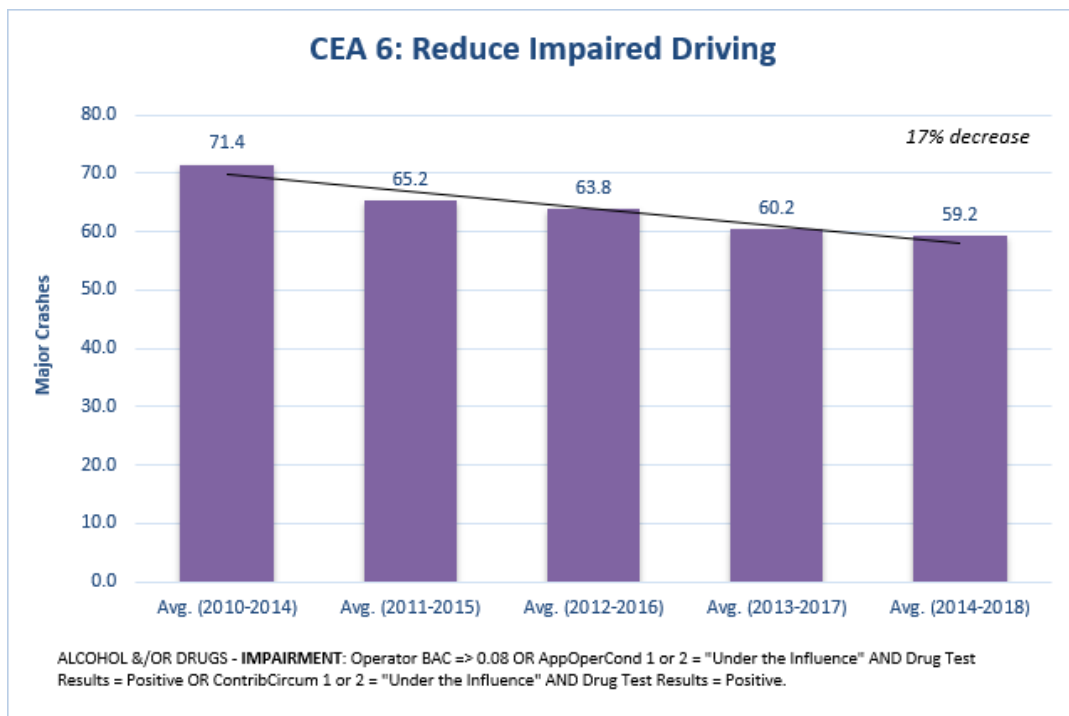
CEA 5B: Improve Older Driver Safety | Goal: Reduce major crashes by 5% between 2017-2021

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.

CEA 7: Curb Distracted Driving and Keep Drivers Alert

Major Crashes where ContribCircumst is 1 or 2 Distracted related or Inattention related.