Partners in Prevention

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Mission

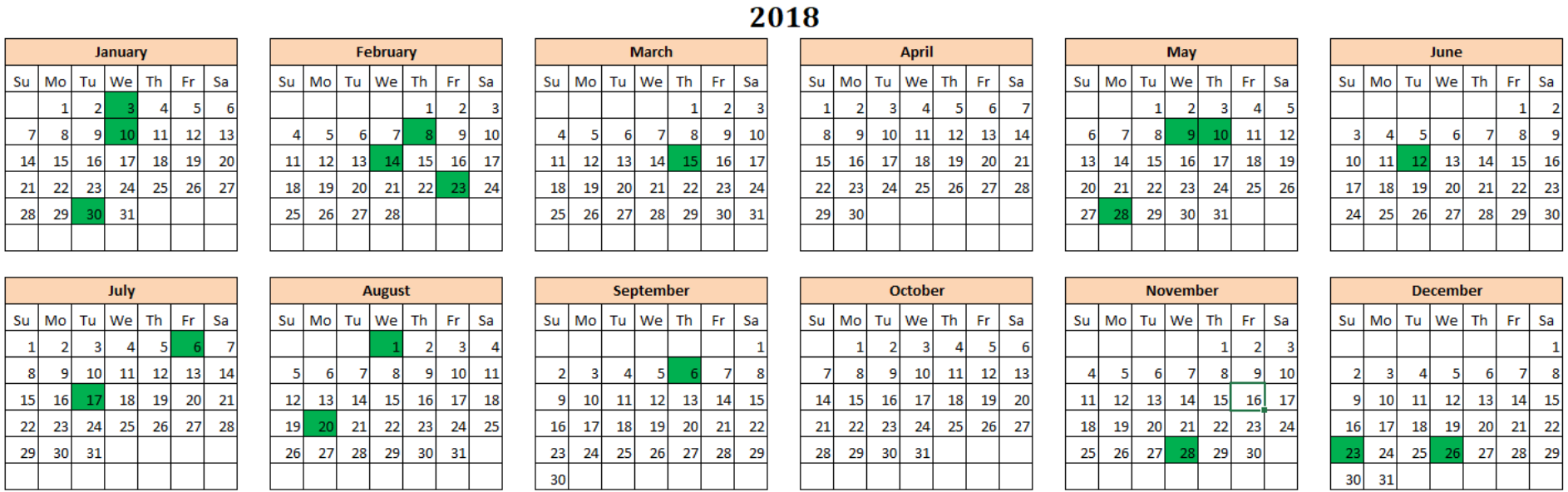
To provide a safe, efficient, environmentally sound and fiscally responsible transportation system that delivers economic opportunity and enhances the quality of life in Kentucky.

Our Focus

Safety *Communication* *Teamwork* *Efficiency* *Innovation*

ENTUCKY TRANSPORTATION CABINET

What Do These Dates Have In Common?



What Do These Dates Have In Common?

2019

January						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

March						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

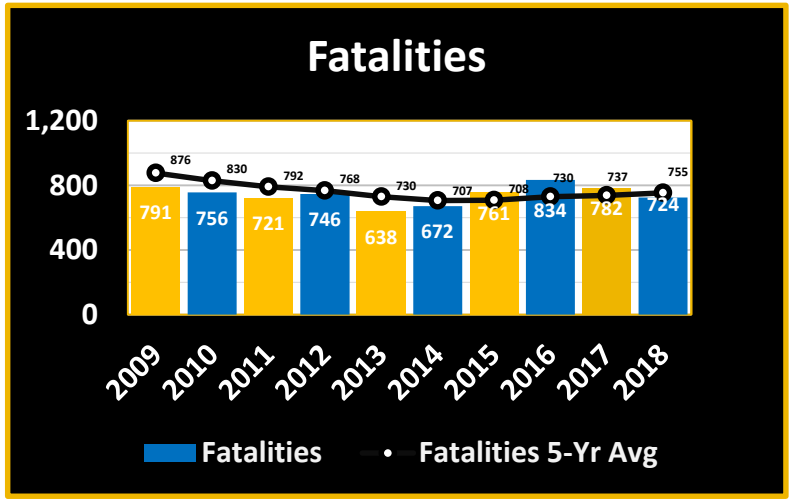
June						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

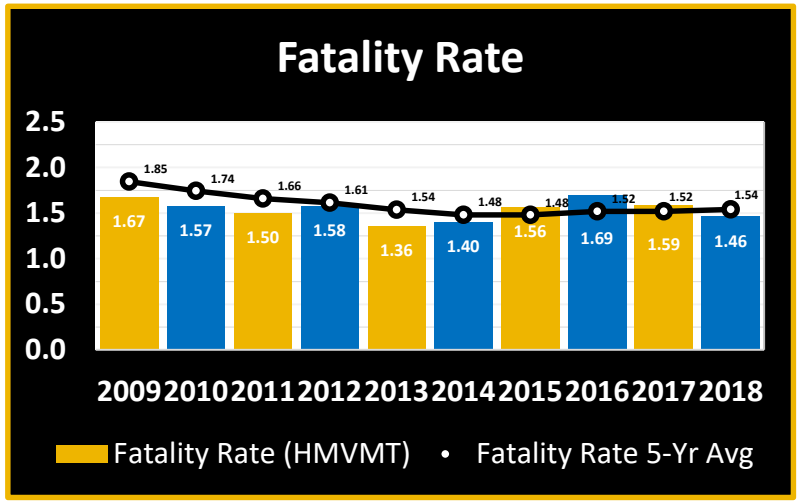
Prevention vs. Reduction

- What's the difference?
- **Prevention** recognizes that zero is the starting point for each day, month, year – not what happened yesterday

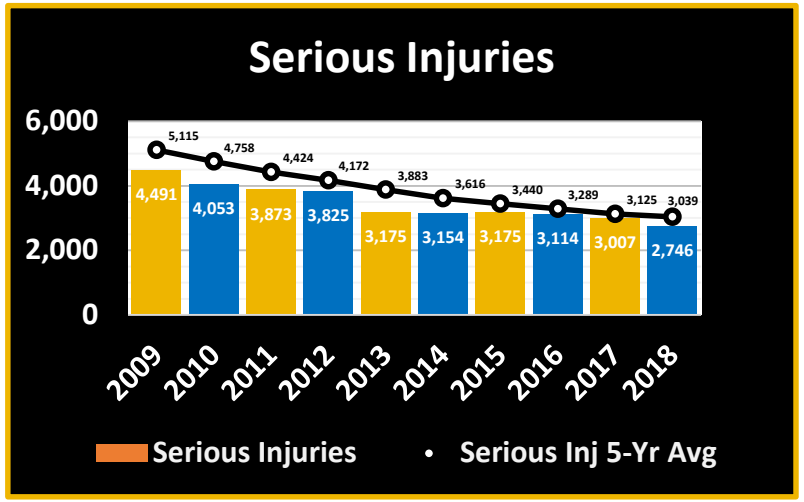
Do YOU believe in Zero?

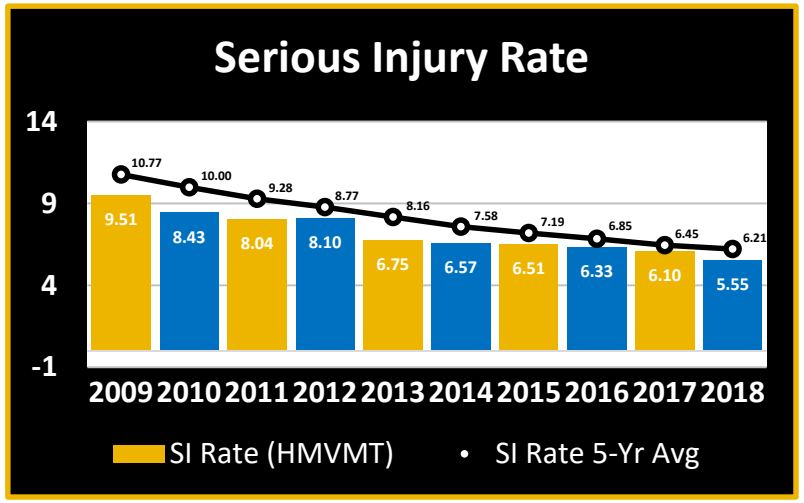
- What does zero serious injuries and fatalities look like?
  - In a county?
  - City?
  - State?
- Could this be real?





- Kentucky hit a modern low of 638 crash fatalities in 2013.
- Crash fatalities rose after 2013, peaking at 834 in 2016.
- The last two years have experienced a decrease, with 724 in 2018.
- As of 09/03/2019, we have had 496 fatalities this year, which is 22 more than we had on this date last year.
- Kentucky's fatality rate (# fatalities / vehicle miles traveled) follows a similar pattern to the overall fatalities.





- Serious injuries from crashes in Kentucky have continually declined, with a low of 2,746 in 2018.
- The rate of decline has flattened somewhat since 2014.
- Kentucky's serious injury rate (# serious injuries / vehicle miles traveled) follows a similar pattern.

How Can I Help?

- You are already part of a team that is committed to safety
- Learn and help teach others about transportation safety
- BE A GOOD EXAMPLE

CLICK IT OR TICKET
KOHS

Use Data. Target Investments. Save Lives.

Are you making the best transportation investments? With Data-Driven Safety Analysis, you can.

DDSA is the application of the latest software tools and methods for analyzing crash and roadway data. The tools quantify the expected safety impact of each decision in the project development process, so you can make more informed decisions. This lets you optimize investments. The result is fewer serious and fatal crashes.

Planning

DDSA predictive and systemic tools can be applied early in the process, to help identify which roadways aren't performing as they should, determine the scope and need of potential projects, and prioritize them.

Alternatives Analysis

DDSA tools can predict the number and severity of crashes for multiple design options at once, and then compare them side-by-side.

Design

DDSA can be used to determine optimal design criteria, considering both safety and cost. This can include evaluating design exceptions or incorporating performance-based practical design.

Construction, Operations & Maintenance

Now that your agency has confidence in their investment decision, the project can be built.

After construction, DDSA tools can be used to help monitor how the project is operating, comparing safety performance to what was predicted and refining the tools for next time. The tools can then be used to identify future maintenance needs.

For more information visit
www.fhwa.dot.gov/innovation/everydaycounts/edc-3/ddsa.cfm

U.S. Department of Transportation
Federal Highway Administration

What's Next?

- It's going to take EVERYONE pulling together and thinking differently to get to ZERO
- Work with partners who have a different point of view to consider
- Zero is only possible if YOU believe it is