

# 2017 ANNUAL REPORT



**RIDE SAFE  
INDIANA**  
MOTORCYCLE SAFETY PROGRAM



## FROM THE COMMISSIONER

I am proud to provide an update on the progress Ride Safe Indiana (RSI) made in 2017 through our new RSI annual report, which provides information on the state of the motorcycle community in Indiana. RSI began in 2015 with a mission to train more motorcyclists and educate motorists in order to decrease motorcycle fatalities and accidents. In our third year of programming, RSI made a more concerted effort to engage riders and drivers in their communities across Indiana. To this end, we attended community festivals and local events, as well as larger-scale events like the Indiana State Fair and Motorcycle Expo. As our program progresses, RSI remains dedicated to finding innovative ways to not only train more motorcyclists, but to spread motorcycle awareness to all drivers in an effort to rule the road together.



In 2018 we are committed to increasing training-course availability across the state. In partnership with our providers, we will work diligently to expand motorcycle education and training—not only entry-level courses, but advanced skills courses, too. We also plan to increase our efforts in raising public awareness by participating in more local events, offering additional training opportunities for our Skills Test Examiners, and adding more quality assurance verifications to bring uniformity to skills training and testing across Indiana.

I thank all of our providers, teachers, and students for making 2017 a great year for Ride Safe Indiana. My desire is to expand on the accomplishments we have already achieved in the three years since RSI's inception. Without your dedication to safety and education, motorcycle awareness would not be where it is today.

A handwritten signature in black ink that reads "Peter L. Lacy".

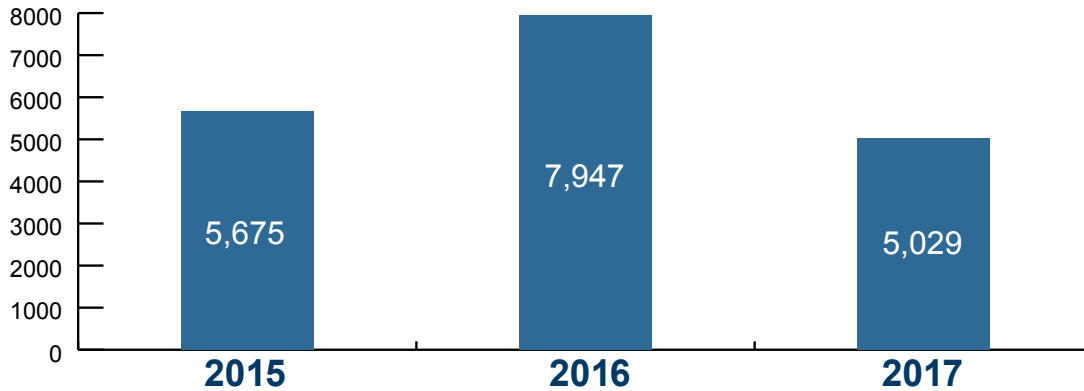
Peter L. Lacy

*Commissioner*  
*Indiana Bureau of Motor Vehicles*



*Ride Safe Indiana is the State of Indiana's approved motorcycle safety program within the Bureau of Motor Vehicles. Our mission is to train more motorcyclists and educate motorists in order to decrease motorcycle fatalities and accidents.*

## STUDENTS TRAINED BY YEAR



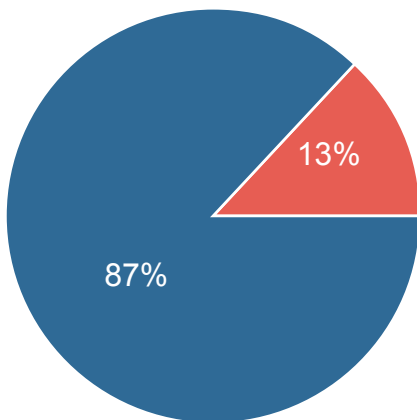
The graph above shows the number of students trained through RSI in 2015, 2016, and 2017. In 2015, 5,645 students were trained, and a considerable spike in numbers can be seen in 2016 when RSI trained 7,947 riders. In 2017, RSI did not participate with a multi-site provider, which reduced the number of trainees to 5,029.

## 2017 RIDER SKILLS TESTING RESULTS

Applicants	Pass	Fail	Two-Wheel	Three-Wheel	Motor Driven Cycle	Side Car
5,570	4,851	719	5,489	78	1	2

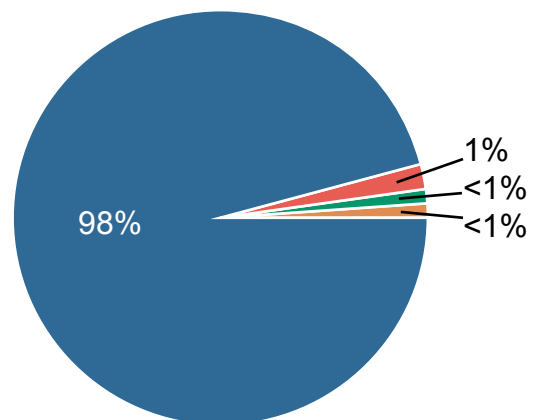
\*Some applicants took the skills test more than once.

### PASSING vs. FAILING STUDENTS



■ Failing Students  
■ Passing Students

### STUDENT TRAINING REPORT



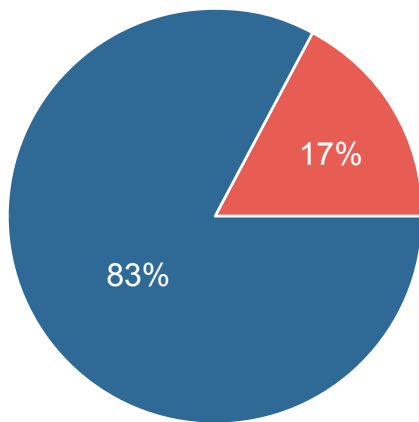
■ Two Wheel  
■ Three-Wheel  
■ Motor Driven Cycle  
■ Side Car

Source: Indiana State Police vehicle crash reports. Unless otherwise stated, all data references motorcycle, moped, and motor driven cycle (MDC) class A or B information.

# 2017 TRAINING REPORT

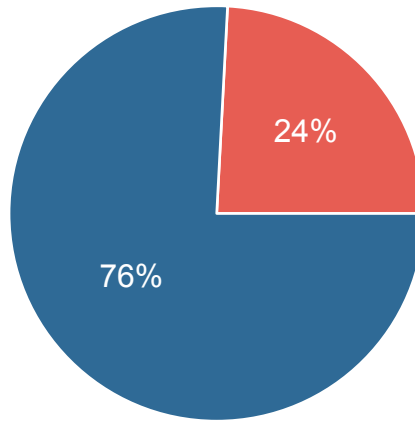
Total Course Students	Female Students	Male Students	Pass Students	Fail Students	Female Students Pass	Male Students Pass
5029	1,183	3,846	4,161	868	788	3,373
TOTAL	Female	Male	Pass	Fail	Female Pass	Male Pass
	24%	76%	83%	17%	67%	88%

**PASS vs. FAIL STUDENTS**



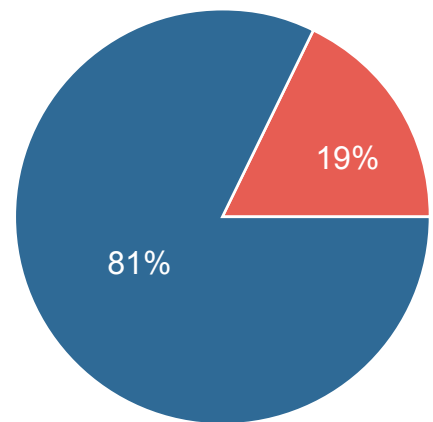
■ Fail Students  
■ Pass Students

**MALE vs. FEMALE STUDENTS**



■ Female Students  
■ Male Students

**MALE vs. FEMALE STUDENTS PASS**



■ Female Pass  
■ Male Pass

In 2017, RSI trained a total of 5,029 students and had a pass rate of 83 percent. 75 percent of our students were male, and 24% were females enrolled in our RSI courses. Males had a pass rate of 88 percent compared to the female pass rate of 67%. In the 2018 training year, RSI is using these numbers as a baseline to increase public awareness and training opportunities available to Hoosiers across the state. RSI also plans to continue working with Rider Coaches to develop skill sets to help identify and train different types of learners.

# TOP 5 PRIMARY FACTORS OF ACCIDENTS

Below is a list of the primary contributing factors to motorcycle crashes across Indiana from 2015, 2016, and 2017. Each year, most contributing factors of accidents saw an increase in their category. Throughout all three years, *Failure to Yield Right of Way* and *Ran Off Road—Right* were the most recorded factors of motorcycle accident cause.

2015

Primary Factor of Accident Resulting in Fatality	Number of Accidents	Rider at Fault*	% of Accidents with Rider at Fault
Failure to Yield Right of Way	609	79	13%
Ran off Road - RIGHT	387	384	99%
Following Too Closely	353	227	64%
Other - Driver/Environment/Driver	312	270	86%
Speed - Too Fast for Enviroment/Unsafe	266	254	95%
Primary Factor Total	1,927	1,214	63%
2015 Total Accidents	2,943	1,949	66%

2016

Primary Factor of Accident Resulting in Fatality	Number of Accidents	Rider at Fault*	% of Accidents with Rider at Fault
Failure to Yield Right of Way	632	116	18%
Ran off Road - RIGHT	436	436	100%
Other - Driver/Environment/Driver	334	288	86%
Following Too Closely	330	221	67%
Speed - Too Fast for Enviroment/Unsafe	218	208	95%
Primary Factor Total	1,950	1,296	65%
2016 Total Accidents	2,916	2,005	69%

2017

Primary Factor of Accident Resulting in Fatality	Number of Accidents	Rider at Fault*	% of Accidents with Rider at Fault
Failure to Yield Right of Way	634	106	16%
Ran off Road - RIGHT	409	405	99%
Following Too Closely	317	196	62%
Other - Driver/Environment/Driver	301	263	87%
Speed - Too Fast for Enviroment/Unsafe	270	260	96%
Primary Factor Total	1,913	1,230	64%
2017 Total Accidents	2,860	1,942	68%

\* At fault is defined as the primary factor of a crash, matching one of the contributing circumstances assigned to a vehicle. It is possible for multiple vehicles to be at fault.



16

RIDE  
SAFE  
INDIANA  
PROVIDERS



83%

PASS RATE FOR STUDENTS  
ATTENDING TRAINING

8

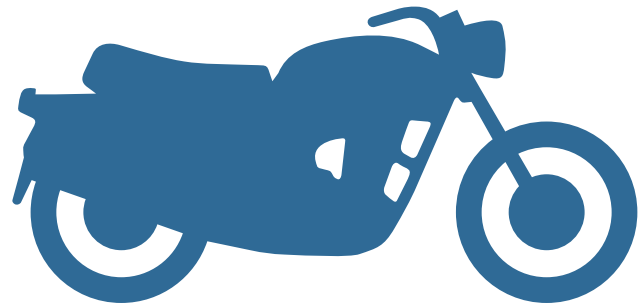
PUBLIC  
OUTREACH  
EVENTS  
ATTENDED



5,555

CUSTOMERS TOOK  
MOTORCYCLE SKILLS TESTS

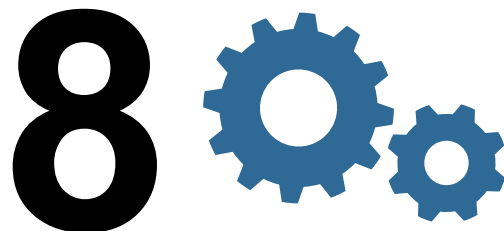
*4,851 students successfully  
passed the skills test*



5,029

STUDENTS TRAINED

*4,161 students trained  
and passed.*



TRAINING MOTORCYCLES CONVERTED  
TO THREE WHEEL MOTORCYCLES

*RSI now has 10 three wheel training motorcycles.*



**87%**

OF SKILLS  
TESTERS PASSED

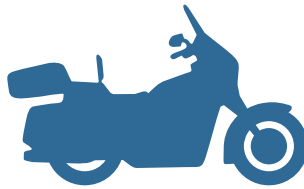
**246,631**

MOTORCYCLES REGISTERED



**44**

NEW  
RIDERCOACHES  
CERTIFIED



**78**

CUSTOMERS  
COMPLETED  
THREE WHEEL  
SKILLS TESTING

**186**

TOTAL NUMBER  
OF CERTIFIED  
RIDERCOACHES



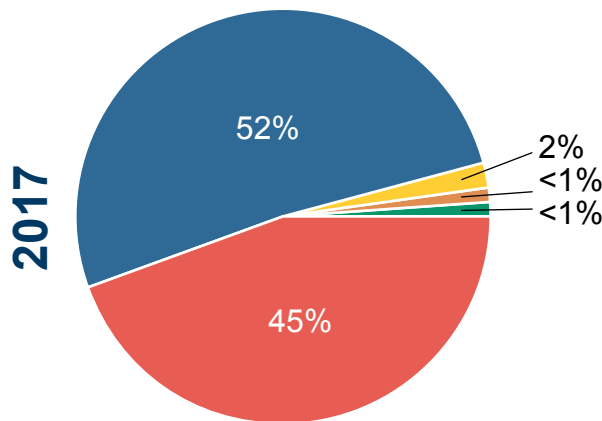
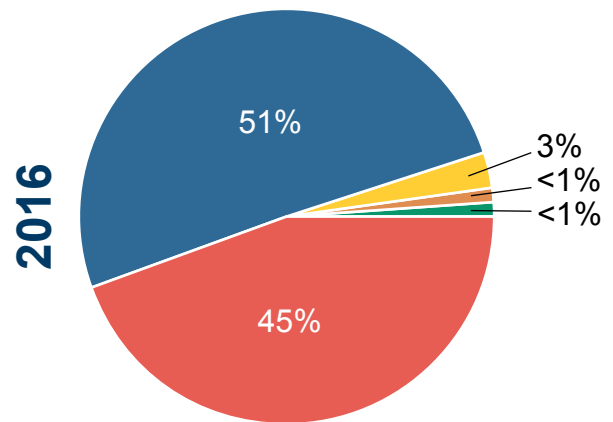
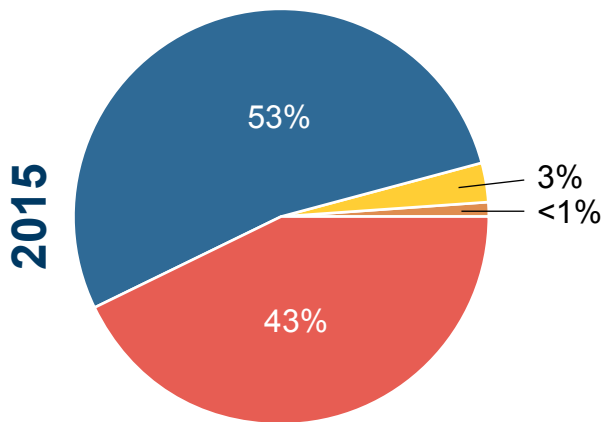
**\$1,726,417**

MONEY COLLECTED FOR THE MOTORCYCLE  
OPERATOR SAFETY EDUCATION FUND

# MOTORCYCLE ACCIDENT BREAKDOWN

	2015	2016	2017
Motorcycle Only (1)	1,290	1,335	1,283
Motorcycle Plus One Vehicle (2)	1,568	1,487	1,494
Motorcycle Plus Two Vehicles (3)	76	82	70
Motorcycle Plus Three Vehicles (4)	9	11	10
Motorcycle Plus Four Vehicles (5)	0	1	3
<b>Total Number of Accidents</b>	<b>2,943</b>	<b>2,916</b>	<b>2,860</b>

- Motorcycle Only (1)
- Motorcycle Plus Two Vehicles (3)
- Motorcycle Plus Four Vehicles (5)
- Motorcycle Plus One Vehicle (2)
- Motorcycle Plus Three Vehicles (4)

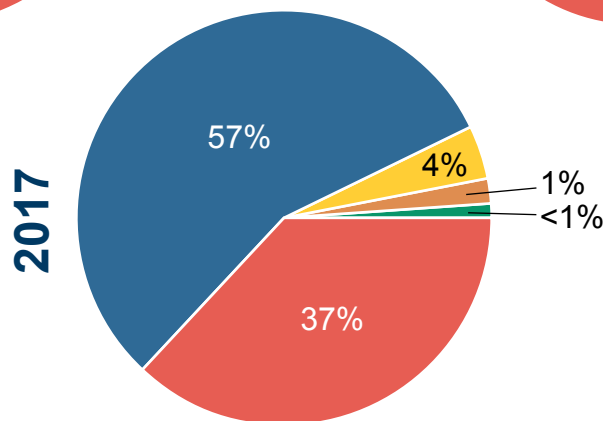
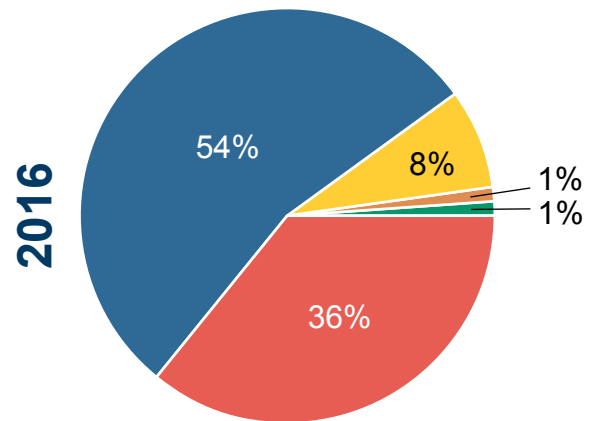
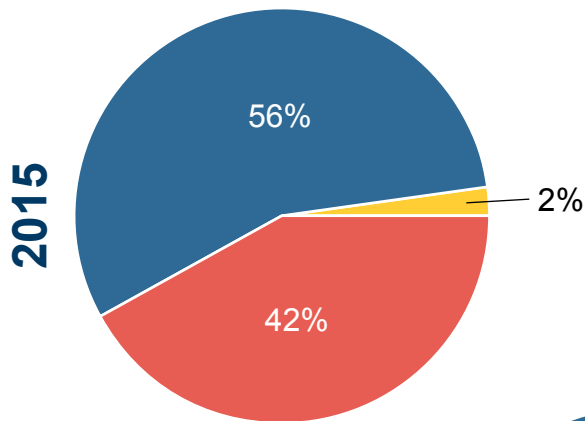




# MOTORCYCLE ACCIDENT RESULTING IN FATALITY

	2015	2016	2017
<b>Total Number of Accidents Resulting in Fatality</b>	<b>101</b>	<b>93</b>	<b>136</b>
<b>Total Number of Fatalities</b>	<b>104</b>	<b>92</b>	<b>139</b>
<b>Of the Accidents With Fatalities</b>			
<b>Motorcycle Only (1)</b>	42	33	50
<b>Motorcycle Plus One Vehicle (2)</b>	57	51	77
<b>Motorcycle Plus Two Vehicles (3)</b>	2	7	6
<b>Motorcycle Plus Three Vehicles (4)</b>	0	1	2
<b>Motorcycle Plus Four Vehicles (5)</b>	0	1	1

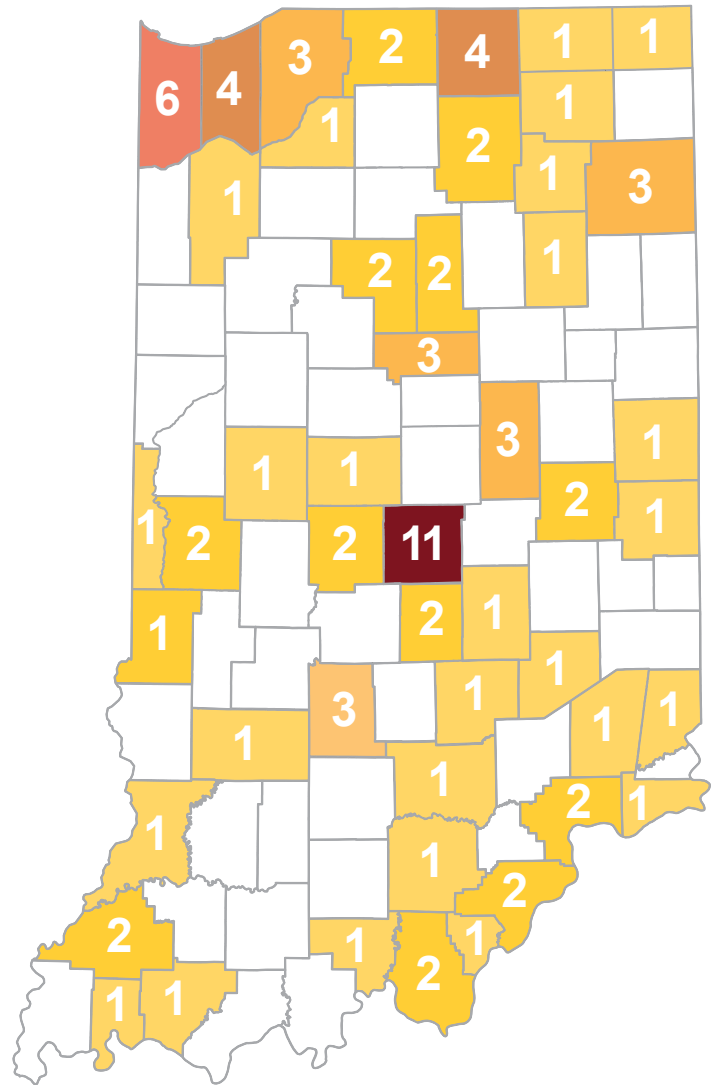
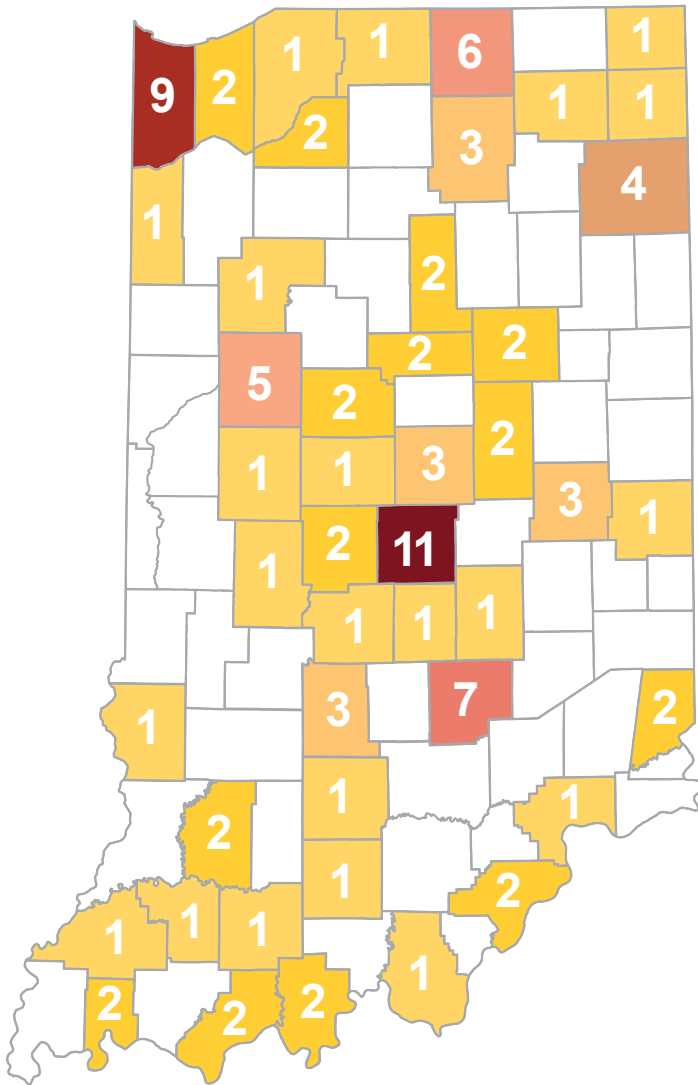
- Motorcycle Only (1)
- Motorcycle Plus Two Vehicles (3)
- Motorcycle Plus Four Vehicles (5)
- Motorcycle Plus One Vehicle (2)
- Motorcycle Plus Three Vehicles (4)



# MOTORCYCLE ACCIDENT FATALITIES

2015

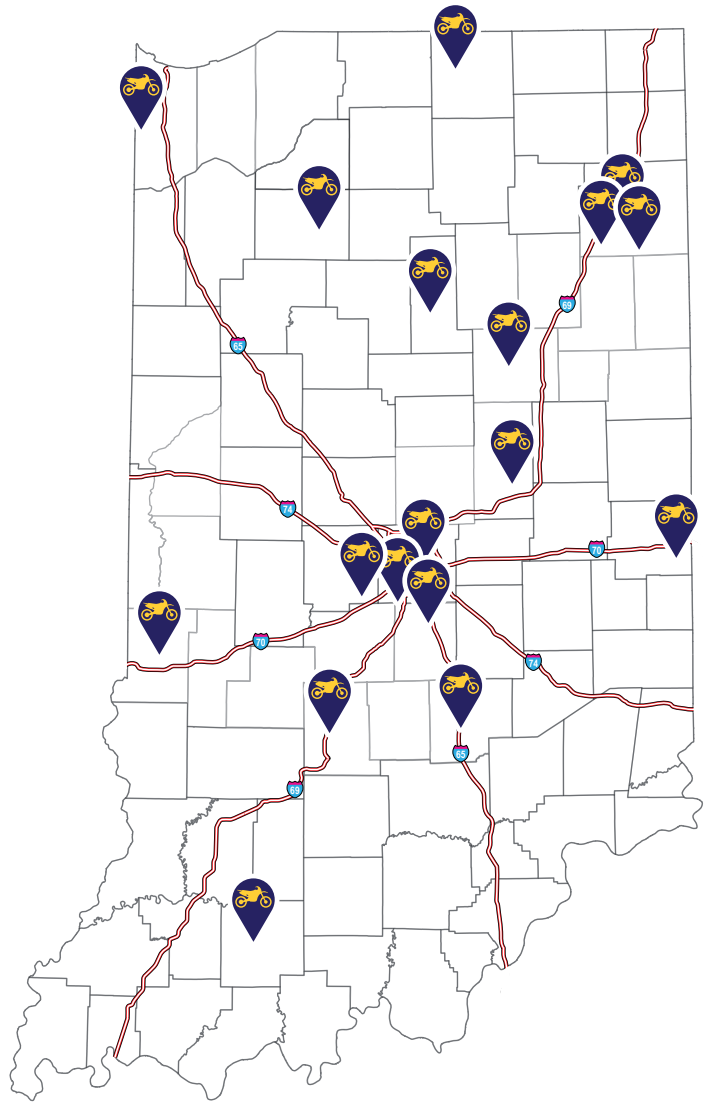
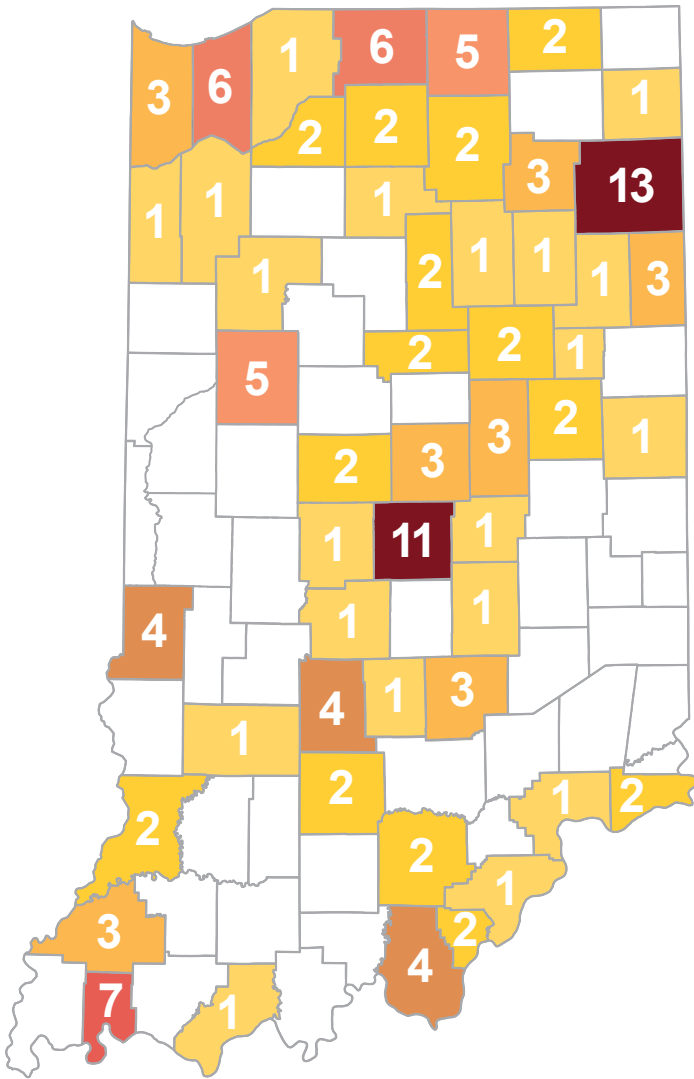
2016



The color gradient maps display the number of motorcycle, moped, three-wheel and, motor driven cycle (MDC) A and B fatalities in each county from 2015, 2016, and 2017. The final map shows every RSI training provider location throughout Indiana.

## 2017

## RSI TRAINING PROVIDERS



Comparing these maps to RSI training locations on the far right emphasizes the program's need to expand training and ongoing education. This information will be used in the future to determine where more training classes and instruction improvements are needed.



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RideSafeIndiana



INDIANA 18  
**THE END**  
01-31 M. CYCLE