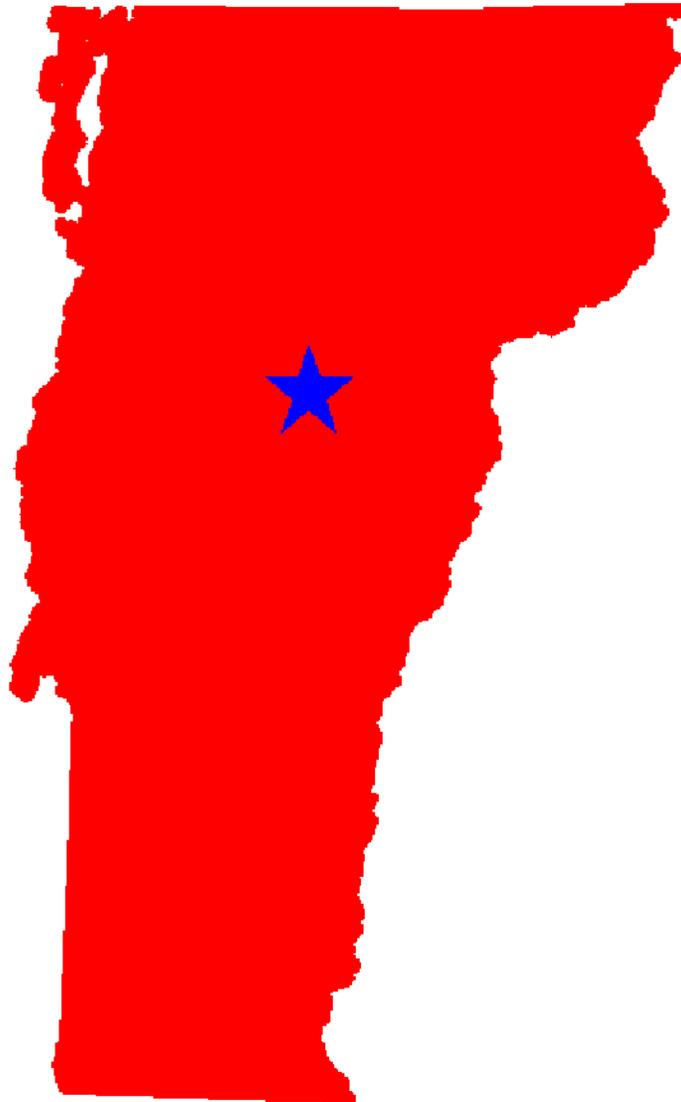




Traffic Safety Facts  
Vermont  
2012-2016

**Highlights** from the NHTSA Online Database for Vermont



This Report Contains Data From the Following Sources:

- Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2012-2015 Final File and 2016 Annual Report File (ARF)
- Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Vermont State Survey
- Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
- Population Data - U.S. Bureau of the Census



Traffic Safety Performance (Core Outcome) Measures\* For Vermont

Core Outcome Measures		Year									
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Traffic Fatalities	Total (C-1)	66	73	74	71	55	77	69	44	57	62
	Rural	63	60	68	54	42	63	58	37	48	52
	Urban	3	13	6	17	13	14	11	7	9	10
	Unknown	0	0	0	0	0	0	0	0	0	0
Fatalities Per 100 Million VMT**	Total (C-3)	0.86	1.00	0.97	0.98	0.77	1.07	0.97	0.62	0.78	
	Rural	1.10	1.10	1.18	1.00	0.80	1.18	1.10	0.74	0.92	
	Urban	0.15	0.69	0.32	0.92	0.70	0.75	0.59	0.34	0.43	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	47	63	54	55	42	52	51	27	34	45
	Restrained	24	31	22	23	24	17	28	11	14	24
	Unrestrained (C-4)	22	27	28	31	17	34	21	14	17	20
	Unknown	1	5	4	1	1	1	2	2	3	1
Alcohol-Impaired Driving Fatalities (BAC=.08+)***(C-5)		22	12	24	18	18	24	19	8	15	27
Speeding-Related Fatalities (C-6)		23	25	22	27	20	33	18	15	21	29
Motorcyclist Fatalities	Total (C-7)	7	7	8	6	8	11	7	7	11	11
	Helmeted	5	7	6	6	7	9	5	6	11	9
	Unhelmeted (C-8)	2	0	2	0	1	2	2	1	0	2
	Unknown	0	0	0	0	0	0	0	0	0	0
Drivers Involved in Fatal Crashes	Total	85	102	97	87	66	96	89	60	69	77
	Aged Under 15	0	0	0	0	0	0	0	1	0	0
	Aged 15-20	12	14	10	6	7	7	10	6	5	3
	Aged Under 21 (C-9)	12	14	10	6	7	7	10	7	5	3
	Aged 21 and Over	73	88	87	81	59	88	78	53	64	74
	Unknown Age	0	0	0	0	0	1	1	0	0	0
Pedestrian Fatalities (C-10)		4	1	5	4	3	10	5	5	5	4
Bicyclist and Other Cyclist Fatalities***** (C-11)		0	0	0	1	0	0	0	0	4	1
Observed Seat Belt Use**** (B-1)		87	87	85	85	85	84	85	84	86	80

\*These Performance Measures Were Developed By The National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Association (GHSA) (See Publication: DOT HS 811 025)

\*\*2016 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

\*\*\*Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only \*\*\*\*Vermont Data: State Survey

\*\*\*\*\*On March 11th, 2014 GHSA and NHTSA agreed on bike fatalities as a newly required performance core measure

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Alcohol-Impaired Driving Fatalities\*\*:  
Vermont , U.S. and Best State

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2012	Vermont	77	24	31	0.33
	US	33,782	10,336	31	0.35
	Best State*			15	0.08
2013	Vermont	69	19	28	0.27
	US	32,893	10,084	31	0.34
	Best State*			17	0.14
2014	Vermont	44	8	18	0.11
	US	32,744	9,943	30	0.33
	Best State*			18	0.11
2015	Vermont	57	15	26	0.21
	US	35,485	10,320	29	0.33
	Best State*			15	0.14
2016	Vermont	62	27	44	
	US	37,461	10,497	28	
	Best State*			19	

\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only

2016 National VMT is a Preliminary Estimate and Subject to Change

2016 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Blood Alcohol Concentration (BAC) Reporting Rates  
 For Drivers/Motorcycle Riders (Operators)  
 Involved in Fatal Crashes:  
 Vermont , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2012	Vermont	42	13	31	54	50	93	96	63	66
	US	24,174	7,569	31	21,490	16,097	75	45,664	23,666	52
	Best State*			88			95			91
2013	Vermont	43	15	35	46	41	89	89	56	63
	US	23,860	6,975	29	20,943	15,661	75	44,803	22,636	51
	Best State*			81			95			86
2014	Vermont	28	10	36	32	21	66	60	31	52
	US	23,883	6,781	28	20,788	15,352	74	44,671	22,133	50
	Best State*			88			96			89
2015	Vermont	33	17	52	36	27	75	69	44	64
	US	26,814	7,486	28	22,348	16,469	74	49,162	23,955	49
	Best State*			88			96			90
2016	Vermont	34	19	56	43	32	74	77	51	66
	US	28,354	6,590	23	23,560	14,453	61	51,914	21,043	41
	Best State*			88			96			87

\*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants, Aged 5 and Over, by Restraint Use:  
Fatalities and Observed  
Vermont , U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2012	Vermont	32	84
	US	58	86
	Best State*	79	97
2013	Vermont	79	85
	US	61	87
	Best State*	100	98
2014	Vermont	44	84
	US	61	87
	Best State*	80	98
2015	Vermont	53	86
	US	62	89
	Best State*	80	97
2016	Vermont	72	80
	US	61	90
	Best State*	100	97

\*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

\*\*Percent Based Only Where Restraint Use Was Known

\*\*\*USA Data: National Occupant Protection Use Survey. Vermont Data: State Survey

Note: The Purpose of this Table is to Compare (as closely as possible) the Use of Restraint Systems  
by Fatally Injured Occupants with Occupants in all Driving Situations

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Vermont Passenger Vehicle Occupant Fatalities Age 5 and Above  
by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 5 and Above					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt Use	Additional Lives Savable at 100% Belt Usage
2012	51	16	34	1	32	20	8
2013	51	28	21	2	57	33	9
2014	27	11	14	2	44	14	5
2015	33	14	16	3	47	19	5
2016	45	24	20	1	55	32	8

\*Percent Based Only Where Restraint Use Was Known

\*\*Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

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Vermont Passenger Vehicle Occupant Fatalities Age 4 and Under  
by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 4 and Under					Lives Saved Estimates**
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Seat Belt and Child Safety Seat Usage
2012	1	1	0	0	100	2
2013	0	0	0	0		0
2014	0	0	0	0		0
2015	1	0	1	0	0	0
2016	0	0	0	0		0

\*Percent Based Only Where Restraint Use Was Known

\*\*Lives Saved Estimates

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**Vermont Motorcyclist Fatalities  
by Helmet Use and Lives Saved Estimates**

Year	Fatalities					Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Unknown Helmet Use	Percent Known Helmeted*	Lives Saved at Current Helmet Use	Additional Lives Savable at 100% Helmet Usage
2012	11	9	2	0	82	5	1
2013	7	5	2	0	71	3	1
2014	7	6	1	0	86	4	0
2015	11	11	0	0	100	7	0
2016	11	9	2	0	82	5	1

\*Percent Based Only Where Helmet Use Was Known

\*\*Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

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Vermont Fatalities by Person Type

Person Type		2012		2013		2014		2015		2016	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	33	43	32	46	18	41	20	35	28	45
	Light Truck - Pickup	9	12	5	7	3	7	2	4	2	3
	Light Truck - Utility	8	10	11	16	4	9	10	18	15	24
	Light Truck - Van	2	3	3	4	2	5	1	2	0	0
	Light Truck - Other	0	0	0	0	0	0	1	2	0	0
	Large Truck	2	3	1	1	1	2	1	2	0	0
	Bus	0	0	0	0	1	2	0	0	0	0
	Other/Unknown Occupants	2	3	5	7	3	7	2	4	1	2
	<b>Total Occupants</b>	<b>56</b>	<b>73</b>	<b>57</b>	<b>83</b>	<b>32</b>	<b>73</b>	<b>37</b>	<b>65</b>	<b>46</b>	<b>74</b>
Motorcyclists	<b>Total Motorcyclists</b>	<b>11</b>	<b>14</b>	<b>7</b>	<b>10</b>	<b>7</b>	<b>16</b>	<b>11</b>	<b>19</b>	<b>11</b>	<b>18</b>
Nonoccupants	Pedestrian	10	13	5	7	5	11	5	9	4	6
	Bicyclist and Other Cyclist	0	0	0	0	0	0	4	7	1	2
	<b>Total Nonoccupants</b>	<b>10</b>	<b>13</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>11</b>	<b>9</b>	<b>16</b>	<b>5</b>	<b>8</b>
<b>Total</b>	<b>Total</b>	<b>77</b>	<b>100</b>	<b>69</b>	<b>100</b>	<b>44</b>	<b>100</b>	<b>57</b>	<b>100</b>	<b>62</b>	<b>100</b>

\*Sum of Percents May Not = 100 Due to Individual Cell Rounding

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Vermont Fatalities by Crash Type

Crash Type	2012	2013	2014	2015	2016
<b>Total Fatalities (All Crashes)*</b>	77	69	44	57	62
<b>- (1) Single Vehicle</b>	49	44	28	34	45
<b>- (2) Involving a Large Truck</b>	5	8	11	8	7
<b>- (3) Involving Speeding</b>	33	18	15	21	29
<b>- (4) Involving a Rollover</b>	23	15	12	7	19
<b>- (5) Involving a Roadway Departure</b>	60	62	33	44	49
<b>- (6) Involving an Intersection (or Intersection Related)</b>	9	10	5	6	6

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

\*A Fatality Can Be in More Than One Category. Therefore Sum of the Individual Cells Will Not Equal the Total Due to Double Counting

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Vermont Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2012	0	2	1	4	1	3	11
2013	0	0	3	0	0	4	7
2014	1	3	0	0	3	0	7
2015	0	2	0	3	2	4	11
2016	1	4	2	2	2	0	11

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Vermont Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2012	11	30,691	35.84
2013	7	28,777	24.32
2014	7	30,106	23.25
2015	11	31,051	35.43
2016	11		

\*Data Source: FHWA

\*2016 Motorcycle Registrations are Not Yet Available

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5 Year Trend For The Top 10 Counties of 2016 - Fatalities

Vermont Counties by 2016 Ranking		Fatalities					Percent of Total				
		2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
1	Rutland County	9	9	7	10	10	12	13	16	18	16
2	Windham County	6	10	1	3	8	8	14	2	5	13
3	Addison County	4	4	1	3	6	5	6	2	5	10
4	Chittenden County	10	5	9	9	6	13	7	20	16	10
5	Franklin County	6	6	2	10	6	8	9	5	18	10
6	Bennington County	4	2	4	3	5	5	3	9	5	8
7	Washington County	10	4	4	2	5	13	6	9	4	8
8	Windsor County	9	10	3	5	5	12	14	7	9	8
9	Lamoille County	3	4	2	2	3	4	6	5	4	5
10	Orleans County	9	7	3	2	3	12	10	7	4	5
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	72	65	40	51	57	94	94	91	89	92
<b>Sub Total 2.**</b>	<b>All Other Counties</b>	5	4	4	6	5	6	6	9	11	8
<b>Total</b>	<b>All Counties</b>	77	69	44	57	62	100	100	100	100	100

\*This Sub Total is the Total for the Top Ten Counties  
 \*\*This Sub Total is the Total for all Counties Outside the Top Ten

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5 Year Trend For The Top 10 Counties of 2016 - Fatality Rates

Median Rate for all U.S. Counties: 17.72

Vermont Counties by 2016 Ranking		Fatalities Per 100,000 Population				
		2012	2013	2014	2015	2016
1	Grand Isle County	0.00	0.00	14.34	0.00	28.91
2	Windham County	13.63	22.79	2.29	6.93	18.54
3	Rutland County	14.78	14.86	11.63	16.75	16.86
4	Addison County	10.85	10.84	2.70	8.12	16.23
5	Essex County	16.08	16.16	32.66	32.48	16.19
6	Bennington County	10.90	5.44	10.97	8.24	13.82
7	Franklin County	12.43	12.42	4.11	20.44	12.27
8	Lamoille County	12.03	15.94	7.96	7.94	11.84
9	Orleans County	33.12	25.75	11.08	7.38	11.17
10	Windsor County	16.00	17.81	5.36	8.98	9.01
<b>Sub Rate 1.*</b>	<b>Top Ten Counties</b>	15.70	15.55	8.36	11.89	14.19
<b>Sub Rate 2.**</b>	<b>All Other Counties</b>	6.48	3.41	3.12	5.08	4.65
<b>Total Rate</b>	<b>All Counties</b>	12.29	11.00	7.02	9.10	9.93

\*This Sub Rate is the Rate for the Top Ten Counties

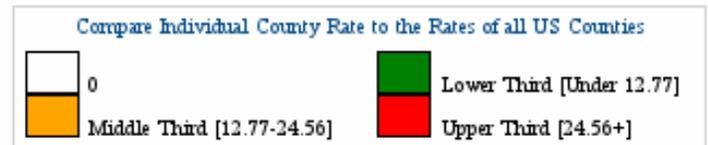
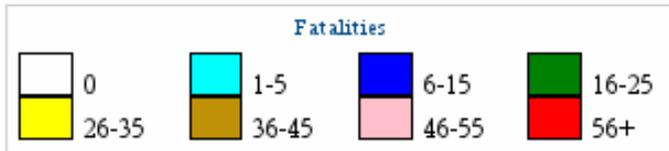
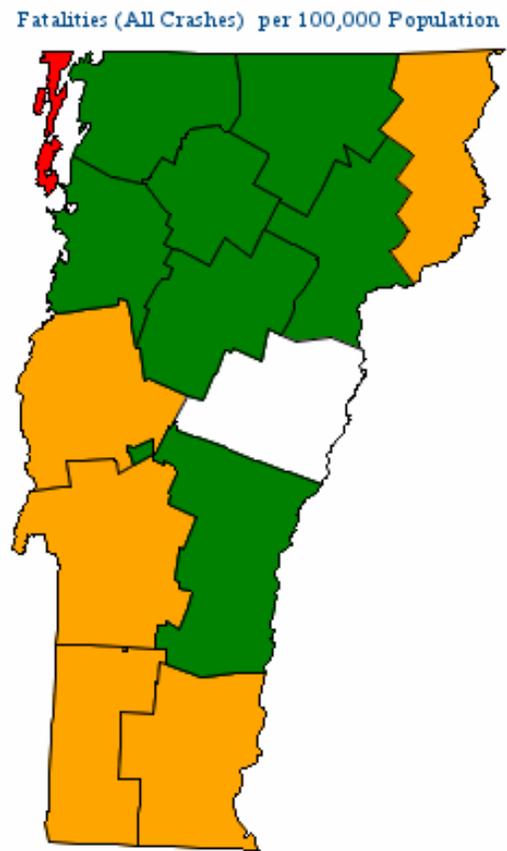
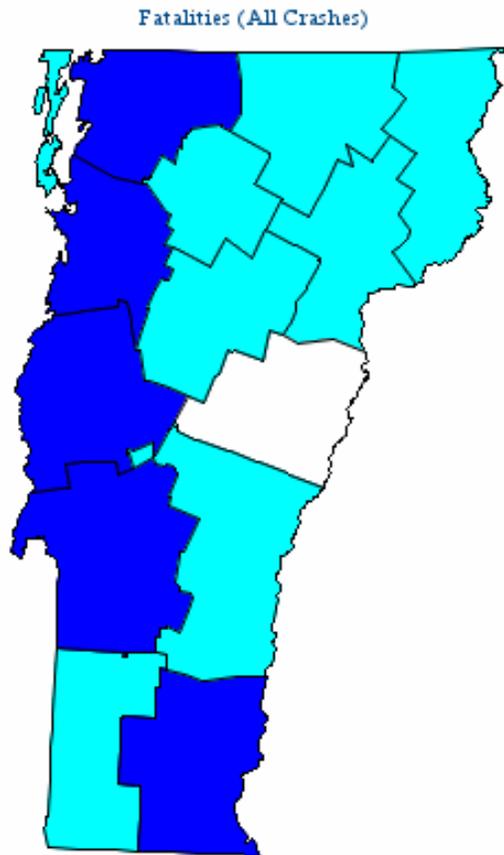
\*\*This Sub Rate is the Rate for all Counties Outside the Top Ten

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Vermont Motor Vehicle Crash Fatality Maps for 2016

Fatalities (All Crashes) by County for 2016  
(Hover your mouse over the maps to reveal county names and statistics)





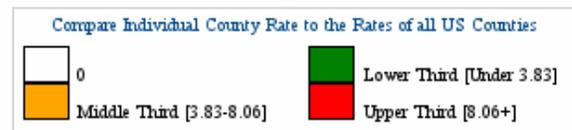
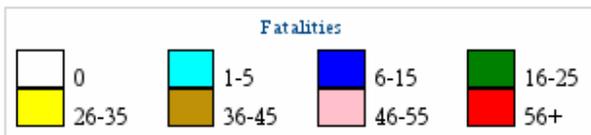
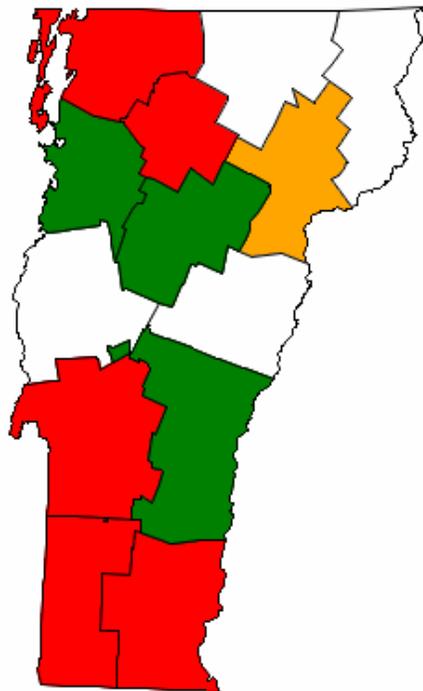
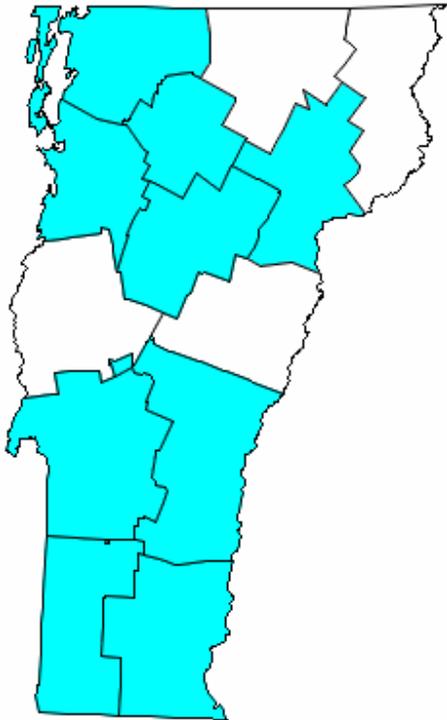
Vermont Motor Vehicle Crash Fatality Maps for 2016

Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) by County for 2016

(Hover your mouse over the maps to reveal county names and statistics)

Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+)

Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) per 100,000 Population



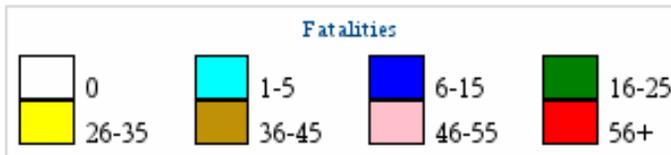
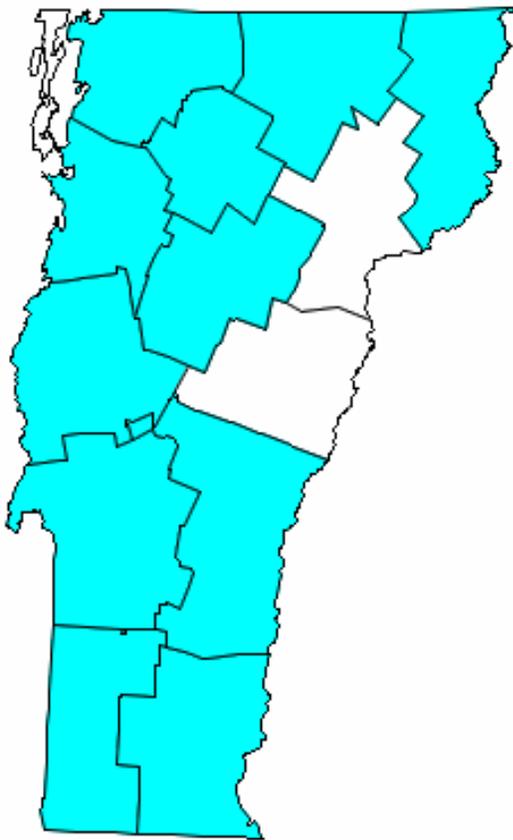


Vermont Motor Vehicle Crash Fatality Maps for 2016

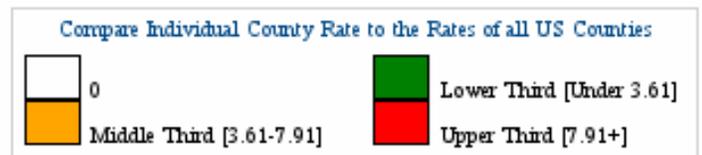
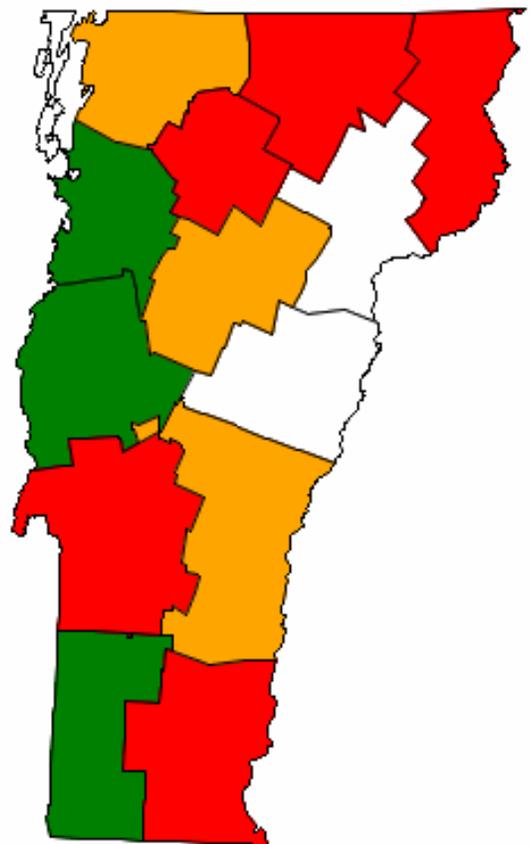
Fatalities in Crashes Involving Speeding by County for 2016  
(Hover your mouse over the maps to reveal county names and statistics)



Fatalities in Crashes Involving Speeding



Fatalities in Crashes Involving Speeding per 100,000 Population





Vermont Motor Vehicle Crash Fatality Maps for 2016

### Pedestrian Fatalities by County for 2016

(Hover your mouse over the maps to reveal county names and statistics)

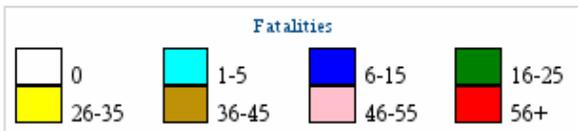
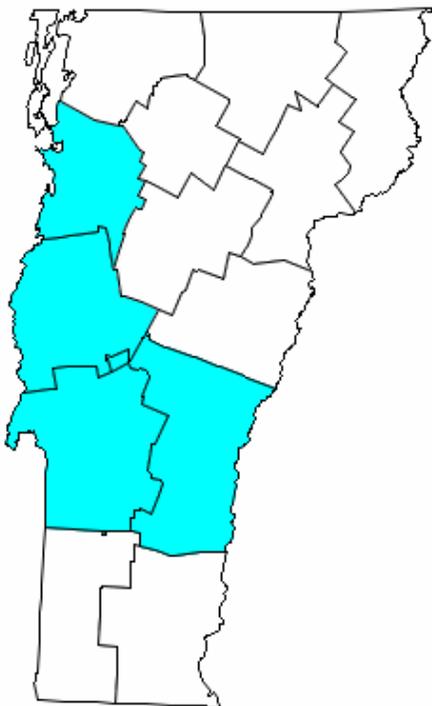


[View Crash Location Maps \(Browser\) or \(Mobile Web\)](#)



[County Listing of Fatalities/Rates](#)

Pedestrian Fatalities



Pedestrian Fatalities per 100,000 Population

