

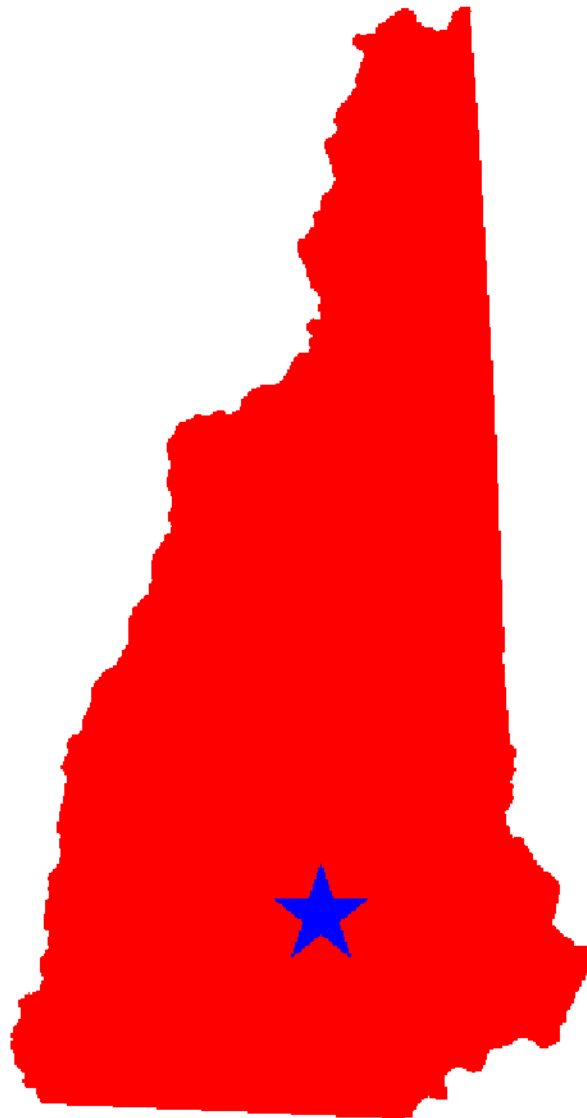


U.S. Department of Transportation



National Highway Traffic Safety Administration

Traffic Safety Facts New Hampshire 2010-2014



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2010-2013 Final File and 2014 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the New Hampshire State Survey

Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



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Traffic Safety Performance (Core Outcome) Measures* For New Hampshire

Core Outcome Measures		Year									
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Traffic Fatalities	Total (C-1)	166	127	129	138	110	128	90	108	135	95
	Rural	127	75	105	127	109	86	64	60	87	48
	Urban	39	52	24	11	1	42	26	48	48	47
	Unknown	0	0	0	0	0	0	0	0	0	0
Fatalities Per 100 Million VMT	Total (C-3)	1.24	0.93	0.96	1.06	0.85	0.98	0.71	0.84	1.05	0.73
	Rural	2.14	1.25	1.77	2.21	1.91	1.50	1.15	1.03	1.72	0.94
	Urban	0.52	0.69	0.32	0.15	0.01	0.57	0.36	0.68	0.61	0.60
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	106	98	86	96	79	91	66	70	91	58
	Restrained	31	22	26	25	30	28	13	20	35	13
	Unrestrained (C-4)	72	71	60	71	49	62	53	50	56	45
	Unknown	3	5	0	0	0	1	0	0	0	0
Alcohol-Impaired Driving Fatalities (BAC=.08+)** (C-5)		54	46	34	45	29	45	27	32	46	30
Speeding-Related Fatalities (C-6)		56	42	41	39	39	62	39	39	66	47
Motorcyclist Fatalities	Total (C-7)	44	21	25	30	21	28	14	29	24	17
	Helmeted	10	6	10	11	8	8	2	10	7	3
	Unhelmeted (C-8)	33	15	15	19	13	20	12	19	17	14
	Unknown	1	0	0	0	0	0	0	0	0	0
Drivers Involved in Fatal Crashes	Total	226	179	181	194	144	168	120	147	168	126
	Aged Under 15	1	0	1	0	0	0	0	0	0	0
	Aged 15-20	25	19	23	23	16	17	10	14	17	9
	Aged Under 21 (C-9)	26	19	24	23	16	17	10	14	17	9
	Aged 21 and Over	200	160	157	171	128	150	110	133	151	117
	Unknown Age	0	0	0	0	0	1	0	0	0	0
Pedestrian Fatalities (C-10)		5	6	13	7	8	9	5	8	12	12
Bicyclist and Other Cyclist Fatalities**** (C-11)		3	2	3	2	1	0	4	0	4	3
Observed Seat Belt Use*** (B-1)			64	64	69	69	72	75	69	73	70

*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)

Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only *New Hampshire 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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Fatality Rates: New Hampshire , 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
2010	New Hampshire	128	13,065	0.98	1,316,517	9.72
	US	32,999	2,967,266	1.11	309,347,057	10.67
	Best State*			0.64		3.97
2011	New Hampshire	90	12,720	0.71	1,318,109	6.83
	US	32,479	2,950,402	1.10	311,721,632	10.42
	Best State*			0.65		4.35
2012	New Hampshire	108	12,894	0.84	1,321,297	8.17
	US	33,782	2,969,433	1.14	314,112,078	10.75
	Best State*			0.42		2.36
2013	New Hampshire	135	12,903	1.05	1,322,616	10.21
	US	32,894	2,988,280	1.10	316,497,531	10.39
	Best State*			0.57		3.08
2014	New Hampshire	95	12,970	0.73	1,326,813	7.16
	US	32,675	3,025,656	1.08	318,857,056	10.25
	Best State*			0.57		3.49

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

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Alcohol-Impaired Driving Fatalities**:
New Hampshire , U.S. and Best State

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2010	New Hampshire	128	45	35	0.34
	US	32,999	10,136	31	0.34
	Best State*			18	0.17
2011	New Hampshire	90	27	30	0.21
	US	32,479	9,865	30	0.33
	Best State*			17	0.16
2012	New Hampshire	108	32	30	0.25
	US	33,782	10,336	31	0.35
	Best State*			15	0.08
2013	New Hampshire	135	46	34	0.36
	US	32,894	10,110	31	0.34
	Best State*			17	0.14
2014	New Hampshire	95	30	32	0.23
	US	32,675	9,967	31	0.33
	Best State*			20	0.13

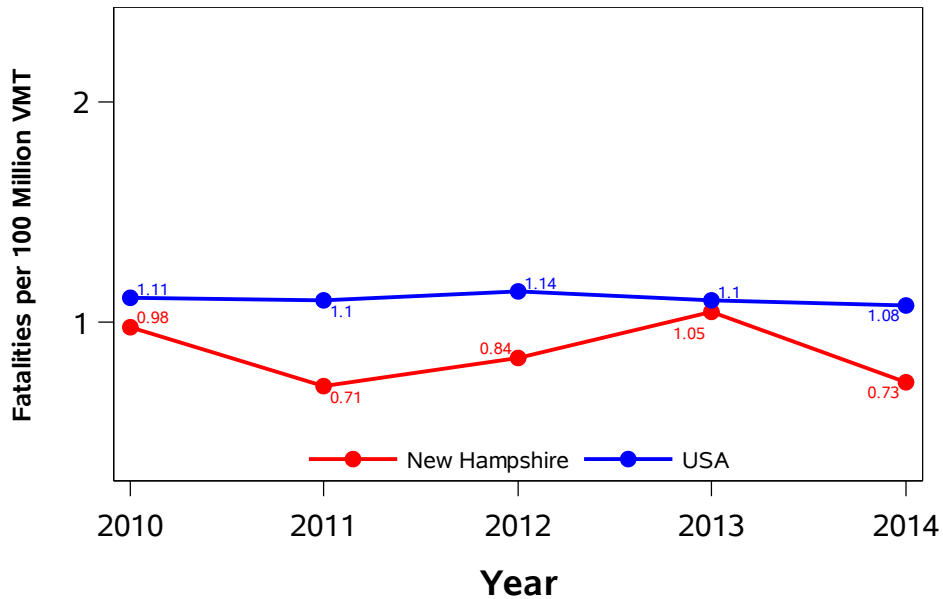
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Based on the Highest BAC of a Driver or Motorcycle Rider Involved in the Crash

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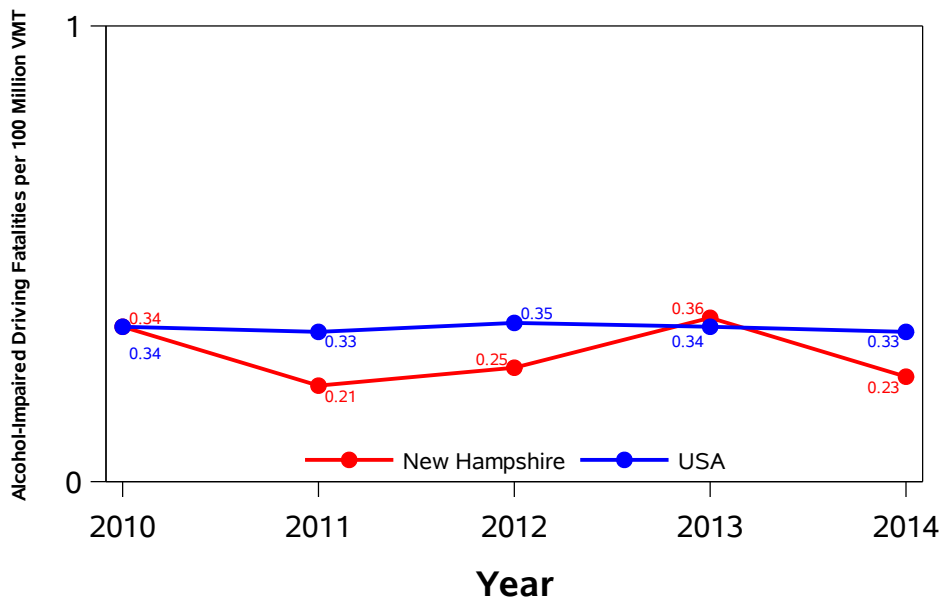


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



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**Blood Alcohol Concentration (BAC) Reporting Rates
 For Drivers/Motorcycle Riders (Operators)
 Involved in Fatal Crashes:
 New Hampshire , 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
2010	New Hampshire	72	39	54	96	87	91	168	126	75
	US	23,527	7,927	34	21,072	16,405	78	44,599	24,332	55
	Best State*			92			100			91
2011	New Hampshire	56	37	66	64	57	89	120	94	78
	US	23,025	7,484	33	20,815	15,846	76	43,840	23,330	53
	Best State*			88			98			93
2012	New Hampshire	63	29	46	84	76	90	147	105	71
	US	24,174	7,569	31	21,490	16,097	75	45,664	23,666	52
	Best State*			88			95			91
2013	New Hampshire	67	44	66	101	93	92	168	137	82
	US	23,860	6,975	29	20,944	15,662	75	44,804	22,637	51
	Best State*			81			95			86
2014	New Hampshire	59	40	68	67	64	96	126	104	83
	US	23,818	6,368	27	20,765	14,800	71	44,583	21,168	47
	Best State*			78			96			84

*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
New Hampshire , U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2010	New Hampshire	44	72
	US	59	85
	Best State*	100	98
2011	New Hampshire	23	75
	US	59	84
	Best State*	80	98
2012	New Hampshire	25	69
	US	58	86
	Best State*	79	97
2013	New Hampshire	45	73
	US	61	87
	Best State*	100	98
2014	New Hampshire	26	70
	US	61	87
	Best State*	80	98

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

**Percent Based Only Where Restraint Use Was Known

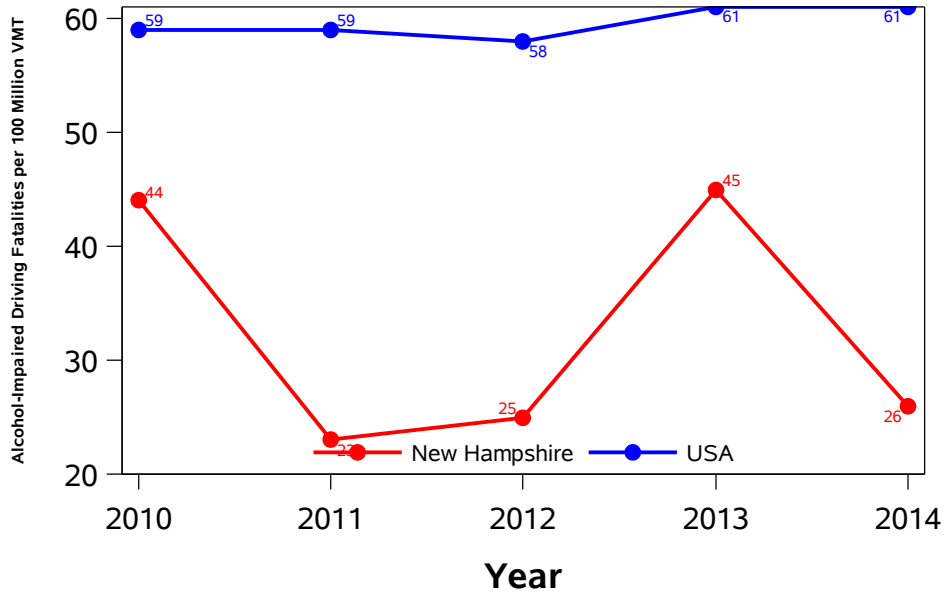
***USA Data: National Occupant Protection Use Survey. New Hampshire Data: State Survey

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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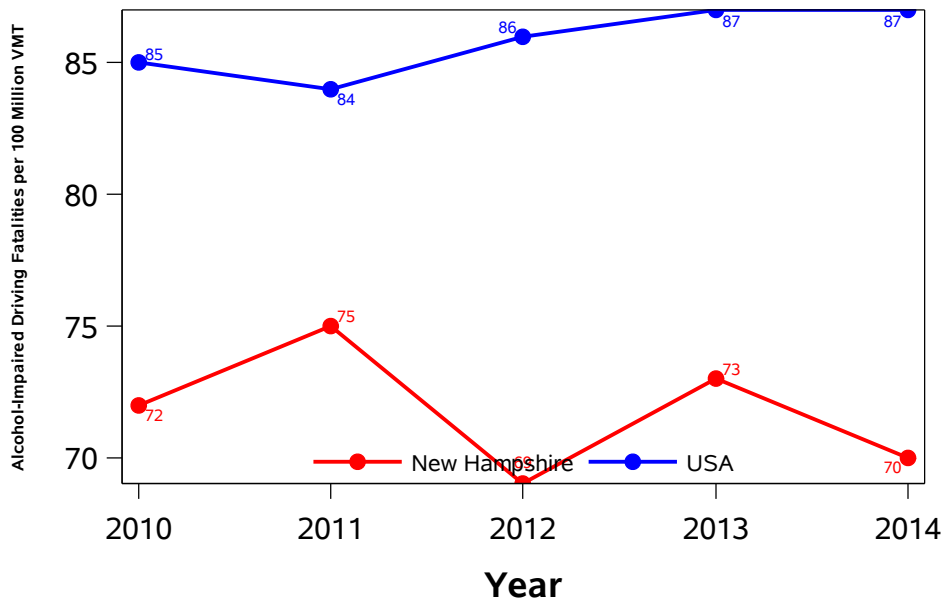
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*Percent Based Only Where Restraint Use Was Known

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Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants Observed, Aged 5 and Over, by Percent Restraint Use*



*USA Data: National Occupant Protection Use Survey. New Hampshire Data: State Survey

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New Hampshire 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
2010	91	28	62	1	31	33	26
2011	65	12	53	0	18	12	16
2012	70	20	50	0	29	25	20
2013	91	35	56	0	38	46	24
2014	58	13	45	0	22	13	15

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New Hampshire 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
2010	0	0	0	0		0
2011	1	1	0	0	100	1
2012	0	0	0	0		0
2013	0	0	0	0		0
2014	0	0	0	0		0

*Percent Based Only Where Restraint Use Was Known

Note: 2009-2012 Lives Saved Estimates differ from previously published estimates due to a computational correction. Previous estimates did not properly account for 2010 through 2013 model year passenger vehicles

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

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New Hampshire 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
2010	28	8	20	0	29	5	7
2011	14	2	12	0	14	1	4
2012	29	10	19	0	34	6	7
2013	24	7	17	0	29	4	6
2014	17	3	14	0	18	2	5

*Percent Based Only Where Helmet Use Was Known

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

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New Hampshire Fatalities by Person Type

Person Type		2010		2011		2012		2013		2014	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	54	42	42	47	42	39	58	43	42	44
	Light Truck - Pickup	15	12	9	10	13	12	14	10	6	6
	Light Truck - Utility	21	16	11	12	14	13	15	11	8	8
	Light Truck - Van	1	1	4	4	1	1	4	3	2	2
	Large Truck	0	0	1	1	0	0	1	1	2	2
	Other/Unknown Occupants	0	0	0	0	0	0	2	1	2	2
	<i>Total Occupants</i>	91	71	67	74	70	65	94	70	62	65
Motorcyclists	<i>Total Motorcyclists</i>	28	22	14	16	29	27	24	18	17	18
Nonoccupants	Pedestrian	9	7	5	6	8	7	12	9	12	13
	Bicyclist and Other Cyclist	0	0	4	4	0	0	4	3	3	3
	Other/Unknown Nonoccupants	0	0	0	0	1	1	1	1	1	1
	<i>Total Nonoccupants</i>	9	7	9	10	9	8	17	13	16	17
Total	<i>Total</i>	128	100	90	100	108	100	135	100	95	100

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

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New Hampshire Fatalities by Crash Type

Crash Type	2010	2011	2012	2013	2014
Total Fatalities (All Crashes)*	128	90	108	135	95
- (1) Single Vehicle	84	55	70	86	60
- (2) Involving a Large Truck	6	8	6	13	12
- (3) Involving Speeding	62	39	39	66	47
- (4) Involving a Rollover	28	23	21	31	18
- (5) Involving a Roadway Departure	105	72	83	111	66
- (6) Involving an Intersection (or Intersection Related)	27	15	15	21	21

(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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New Hampshire Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2010	0	5	3	7	6	7	28
2011	0	2	3	3	2	4	14
2012	1	3	3	5	13	4	29
2013	1	5	3	5	6	4	24
2014	0	4	0	2	7	4	17

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New Hampshire Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2010	28	80,173	34.92
2011	14	79,267	17.66
2012	29	79,877	36.31
2013	24	73,612	32.60
2014	17	76,093	22.34

*Data Source: FHWA

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New Hampshire Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2010	2011	2012	2013
Occupants (All Vehicle Types)	Hispanic	1	0	0	0
	White Non-Hispanic	116	80	99	116
	Black, Non-Hispanic	2	1	0	1
	All Other Non-Hispanic or Race	0	0	0	1
	Total	119	81	99	118
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	0	0	0	1
	White Non-Hispanic	8	9	9	15
	Black, Non-Hispanic	0	0	0	1
	All Other Non-Hispanic or Race	1	0	0	0
	Total	9	9	9	17
Total		128	90	108	135

2014 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2014 - Fatalities

New Hampshire Counties by 2014 Ranking		Fatalities					Percent of Total				
		2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
1	Hillsborough County	30	19	21	28	27	23	21	19	21	28
2	Rockingham County	20	17	32	30	18	16	19	30	22	19
3	Merrimack County	17	15	14	7	13	13	17	13	5	14
4	Strafford County	10	7	8	16	9	8	8	7	12	9
5	Cheshire County	10	8	7	17	7	8	9	6	13	7
6	Carroll County	15	3	4	7	6	12	3	4	5	6
7	Belknap County	5	2	6	10	4	4	2	6	7	4
8	Grafton County	8	14	12	10	4	6	16	11	7	4
9	Sullivan County	9	2	2	5	4	7	2	2	4	4
10	Coos County	4	3	2	5	3	3	3	2	4	3
Sub Total 1.*	Top Ten Counties	128	90	108	135	95	100	100	100	100	100
Total	All Counties	128	90	108	135	95	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 2014 - Fatalities Year to Year Percent Change

New Hampshire Counties by 2014 Ranking		Fatalities					Percent Change From Previous Year			
		2010	2011	2012	2013	2014	2011	2012	2013	2014
1	Hillsborough County	30	19	21	28	27	-37	11	33	-4
2	Rockingham County	20	17	32	30	18	-15	88	-6	-40
3	Merrimack County	17	15	14	7	13	-12	-7	-50	86
4	Strafford County	10	7	8	16	9	-30	14	100	-44
5	Cheshire County	10	8	7	17	7	-20	-13	143	-59
6	Carroll County	15	3	4	7	6	-80	33	75	-14
7	Belknap County	5	2	6	10	4	-60	200	67	-60
8	Grafton County	8	14	12	10	4	75	-14	-17	-60
9	Sullivan County	9	2	2	5	4	-78	0	150	-20
10	Coos County	4	3	2	5	3	-25	-33	150	-40
Sub Total 1.*	Top Ten Counties	128	90	108	135	95	-30	20	25	-30
Total	All Counties	128	90	108	135	95	-30	20	25	-30

*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 2014 - Fatality Rates

Median Rate for all U.S. Counties: 16.22

New Hampshire Counties by 2014 Ranking		Fatalities Per 100,000 Population				
		2010	2011	2012	2013	2014
1	Carroll County	31.37	6.28	8.39	14.74	12.66
2	Coos County	12.14	9.24	6.25	15.64	9.48
3	Sullivan County	20.59	4.60	4.63	11.63	9.28
4	Cheshire County	13.00	10.42	9.12	22.25	9.20
5	Merrimack County	11.61	10.23	9.52	4.76	8.83
6	Strafford County	8.12	5.65	6.42	12.84	7.17
7	Hillsborough County	7.48	4.73	5.22	6.94	6.66
8	Belknap County	8.32	3.32	9.93	16.61	6.63
9	Rockingham County	6.77	5.74	10.74	10.04	5.99
10	Grafton County	8.98	15.72	13.43	11.16	4.46
Sub Rate 1.* Top Ten Counties		9.72	6.83	8.17	10.21	7.16
Total Rate All Counties		9.72	6.83	8.17	10.21	7.16

*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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