

A map of the Pioneer Valley region in Massachusetts, showing various towns and cities. The map is color-coded with pink for land and blue for water. Major highways like I-90 and I-91 are marked. The title 'PIONEER VALLEY' is prominently displayed in the upper center, with a small I-91 shield icon integrated into the word 'PIONEER'.

PIONEER VALLEY

SAFETY COMPASS

OCTOBER 2017

PREPARED UNDER THE DIRECTION OF THE PIONEER VALLEY MPO BY:

PIONEER VALLEY PLANNING COMMISSION

Prepared in cooperation with the Massachusetts Department of Transportation and the U.S. Department of Transportation. The views and opinions of the Pioneer Valley Planning Commission expressed herein do not necessarily state or reflect those of the Massachusetts Department of Transportation or the U.S. Department of Transportation.

Background:

Identifying safety trends on the number, type, and location of crashes is an important step in developing and implementing recommendations to improve safety. The Pioneer Valley Planning Commission (PVPC) performs a variety of studies to assist member communities with safety-related planning. The regional *Top 100 High Crash Intersections* report identifies the intersections, roadway segments, and rotaries with the highest number of crashes. A vast majority of the top locations included in this report are located within in the urban core. While this is an important function to identify high crash locations on a regional scale, it does not provide any information on local crash experience at the community level.

Based on feedback from transportation planning stakeholders and representatives from member communities, the Pioneer Valley Planning Commission developed the concept of the ***SafetyCompass*** for the region. The goal of this report is to summarize crash data trends for each of the 43 communities in the Pioneer Valley and identify patterns that can assist local authorities in developing appropriate strategies to increase safety.

Objectives:

The primary objectives of the task are:

- 1) Summarize the latest community wide crash history
- 2) Identify top crash locations within each community
- 3) Classify predominant trends that lead to traffic safety concerns within individual communities
- 4) Provide a graphical representation of the crash patterns for each community

- 5) Emphasize non-motorist crashes and fatal crashes locations

Methodology:

In order to summarize the crash history and identify the key findings, the PVPC utilized the crash data for individual communities between the period of 2012 to 2014. These were identified with the help of the Massachusetts Department of Transportation (MassDOT)'s online 'Crash Portal' tool. Geographical Information System (GIS) tools were utilized to develop maps of crashes and to identify the top crash locations within each community. The final format for the ***SafetyCompass*** was developed in cooperation with the Pioneer Valley Joint Transportation Committee (JTC). The JTC recommended a separate approach for rural and urban communities recognizing the difference in the nature of crashes in rural and urban areas.

Urban vs. Rural:

To demarcate whether a community is Urban or Rural, the PVPC utilized the U.S. Census Bureau's 2010 Census data. Any community which had more than 50% of its population within a designated urban area was classified as urban for the entire community.

Definitions and Limitations:

- 1) To extract the top crash locations within each community, the PVPC utilized the Equivalent Property Damage Only (EPDO) method. This takes into account the number of crashes and the severity of each crash. It places a larger emphasis on a fatal crash (10 points), compared to an injury crash (5 points), and property damage only crash (1 point).

Using GIS tools, crashes attributed to each intersection were identified based on a 200 foot radius around each intersection. This ensured the process was consistent with the one adopted in previous reports. For some intersections in the region where more than four approaches merged, the buffer was redefined to ensure that no intersection crashes were omitted.

- 2) Some of the rural communities experienced a very low number of crashes. In such cases, it was possible to examine and investigate these occurrences in further detail compared to the communities which had more crashes.
- 3) A small percentage of the total crashes within the region do not have sufficient data associated with them. As a result, these crashes could not be geographically located and plotted on the map. This results in a variance in the number of crashes summarized in the tables and the crashes depicted on the maps.
- 4) In the 'Crash Severity' section, the fatal crashes listed are the total of the number of crashes that resulted in a fatality, not the total number of fatalities. In some incidents, a single crash may have resulted in more than one fatality.
- 5) At times, there were some discrepancies between two or more similar data fields for a community. In such cases, the more reliable data field was utilized and corrections were made to the other fields.
- 6) The 'Driver Contribution Codes' associated with a crash consists of all the factors contributing to a crash for each of the vehicles involved in the crash. In rural communities with fewer crashes, these contributing codes were summarized for every crash. However, time constraints prevented this

level of detail for larger communities with much higher crash totals. Instead, the 'Driver Contribution Codes' only reflect 'Single Vehicle Crashes' in urban communities.

- 7) Some rural communities had very few locations at which multiple crashes occurred. When it was not possible to identify the top 3 high crash locations for a community, a listing of all of the injury crash locations was provided.
- 8) MassDOT classifies the location of crashes into several categories. Crashes that occur inside of a rotary or roundabout are designated as having occurred at a 'Traffic Circle'. Crashes that occurred on an approach to a rotary or roundabout may be designated as having occurred at an intersection or off-ramp. Similarly, crashes that occur along the interstate highway system may be designated as having occurred at the on-ramp, off-ramp, or not at a junction. As a result, the total number of crashes reported in the 'Location of Crashes' table does not always correspond with the crash totals for the high crash intersections in each community.

Urban and Rural Communities in the Pioneer Valley Region

No.	Community	Total Population	Urban	Rural	% Urban	% Rural	Urban/Rural
1	Agawam	28,438	27,086	1,352	95%	5%	Urban
2	Amherst	37,819	35,664	2,155	94%	6%	Urban
3	Belchertown	14,649	5,915	8,734	40%	60%	Rural
4	Blandford	1,233	0	1,233	0%	100%	Rural
5	Brimfield	3,609	0	3,609	0%	100%	Rural
6	Chester	1,337	0	1,337	0%	100%	Rural
7	Chesterfield	1,222	0	1,222	0%	100%	Rural
8	Chicopee	55,298	55,298	0	100%	0%	Urban
9	Cummington	872	0	872	0%	100%	Rural
10	East Longmeadow	15,720	15,436	284	98%	2%	Urban
11	Easthampton	16,053	15,414	639	96%	4%	Urban
12	Goshen	1,054	0	1,054	0%	100%	Rural
13	Granby	6,240	3,393	2,847	54%	46%	Urban
14	Granville	1,566	0	1,566	0%	100%	Rural
15	Hadley	5,250	3,125	2,125	60%	40%	Urban
16	Hampden	5,139	2,684	2,455	52%	48%	Urban
17	Hatfield	3,279	0	3,279	0%	100%	Rural
18	Holland	2,481	0	2,481	0%	100%	Rural
19	Holyoke	39,880	39,444	436	99%	1%	Urban
20	Huntington	2,180	0	2,180	0%	100%	Rural
21	Longmeadow	15,784	15,784	0	100%	0%	Urban
22	Ludlow	21,103	18,627	2,476	88%	12%	Urban

No.	Community	Total Population	Urban	Rural	% Urban	% Rural	Urban/Rural
23	Middlefield	521	0	521	0%	100%	Rural
24	Monson	8,560	2,443	6,117	29%	71%	Rural
25	Montgomery	838	0	838	0%	100%	Rural
26	Northampton	28,549	25,917	2,632	91%	9%	Urban
27	Palmer	12,140	9,792	2,348	81%	19%	Urban
28	Pelham	1,321	268	1,053	20%	80%	Rural
29	Plainfield	648	0	648	0%	100%	Rural
30	Russell	1,775	588	1,187	33%	67%	Rural
31	South Hadley	17,514	16,936	578	97%	3%	Urban
32	Southampton	5,792	1,107	4,685	19%	81%	Rural
33	Southwick	9,502	5,023	4,479	53%	47%	Urban
34	Springfield	153,060	153,060	0	100%	0%	Urban
35	Tolland	485	0	485	0%	100%	Rural
36	Wales	1,838	0	1,838	0%	100%	Rural
37	Ware	9,872	6,560	3,312	66%	34%	Rural
38	West Springfield	28,391	27,877	514	98%	2%	Urban
39	Westfield	41,094	38,336	2,758	93%	7%	Urban
40	Westhampton	1,607	3	1,604	0%	100%	Rural
41	Wilbraham	14,219	12,287	1,932	86%	14%	Urban
42	Williamsburg	2,482	395	2,087	16%	84%	Rural
43	Worthington	1,156	0	1,156	0%	100%	Rural
Source: U. S. Census Bureau. 2010 Census							

Historic Crash Data by Community and Calendar Year

No.	Community	Total Crashes			
		2011	2012	2013	2014
1	Agawam	541	494	480	505
2	Amherst	450	390	276	368
3	Belchertown	228	230	208	261
4	Blandford	76	77	55	67
5	Brimfield	74	77	55	46
6	Chester	13	12	15	15
7	Chesterfield	11	19	17	9
8	Chicopee	1502	1390	1351	1425
9	Cummington	0	4	2	4
10	East Longmeadow	446	384	384	402
11	Easthampton	274	303	277	293
12	Goshen	18	14	10	18
13	Granby	138	166	168	154
14	Granville	18	12	10	9
15	Hadley	256	290	267	263
16	Hampden	47	37	68	59
17	Hatfield	36	29	25	23
18	Holland	6	9	10	9
19	Holyoke	2054	1636	1673	1707
20	Huntington	19	21	14	12
21	Longmeadow	212	216	224	187
22	Ludlow	454	448	409	395

No.	Community	Total Crashes			
		2011	2012	2013	2014
23	Middlefield	1	3	1	5
24	Monson	65	50	62	61
25	Montgomery	16	17	11	9
26	Northampton	630	565	573	577
27	Palmer	436	347	409	210
28	Pelham	6	17	6	13
29	Plainfield	7	10	9	4
30	Russell	46	50	44	43
31	South Hadley	254	261	241	246
32	Southampton	51	44	51	52
33	Southwick	234	179	154	144
34	Springfield	4643	4501	4330	4139
35	Tolland	4	5	3	3
36	Wales	7	5	7	6
37	Ware	233	196	188	197
38	West Springfield	850	823	727	662
39	Westfield	813	778	735	623
40	Westhampton	18	20	15	19
41	Wilbraham	363	317	304	313
42	Williamsburg	64	54	57	41
43	Worthington	5	4	6	10
Source: MassDOT Crash Portal					

Non-Motorist Crashes and Severity

Community	Fatal injury			No injury			Non-fatal injury - Incapacitating			Non-fatal Non- incapacitating			Non-fatal injury - Possible			Not reported			Annual Total			Grand Total
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	
AGAWAM				6	3	3	1	2		2	6	1	3	4	3	1			13	15	7	35
AMHERST	1	1		5	7	4	3	1	1	13	7	12	5	2	3				26	18	21	65
BELCHERTOWN									2		1				1					1	3	4
BLANDFORD							1	1											1	1		2
BRIMFIELD												1									1	1
CHICOPEE				11	7	8	4	1	3	22	21	9	12	8	15	1	1	1	50	38	36	124
EAST LONGMEADOW				3	3	3					1	3	2	1	2				5	5	8	18
EASTHAMPTON				1	2	4	2	2	2	7		4	1	3					11	7	10	28
GOSHEN												1									1	1
GRANBY	1										1			1					1	2		3
HADLEY						1	1			2	1	1	3						6	1	2	9
HAMPDEN											1	2		1						2	2	4
HATFIELD					1															1		1
HOLLAND												1									1	1
HOLYOKE				9	10	11	4	10	4	14	8	8	17	23	22		1		44	52	45	141
LONGMEADOW	1					1		1			1	1	1	3	1				1	6	3	10
LUDLOW	1			3		2	1	2		6	3	4	5	2	1				15	8	7	30
MONSON												1									1	1
MONTGOMERY					1															1		1
NORTHAMPTON	2			3	2	2	3	1	3	12	15	15	15	13	7		1		35	32	27	94
PALMER				1	2		1	1	3	6	2	3	1	2					9	7	6	22
PELHAM																1			1			1
SOUTH HADLEY						2		1	1	1		3		3	2				1	4	8	13
SOUTHAMPTON					1					1	1	2							1	2	2	5
SOUTHWICK							1			1	1	3	1		1				3	1	4	8
SPRINGFIELD	2	3	5	19	24	16	63	39	27	77	75	65	79	72	69	4	1		244	214	182	640

(continued on next page)

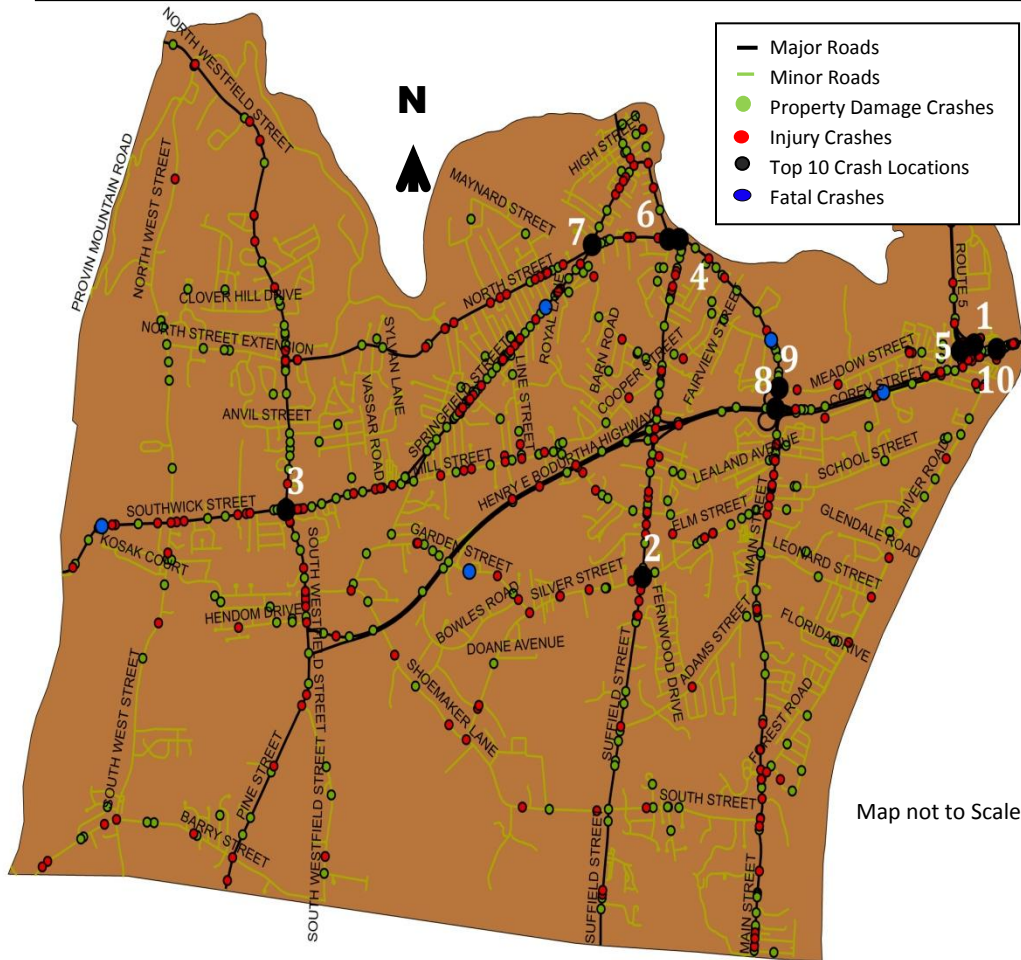
Non-Motorist Crashes and Severity (continued from previous page)

Community	Fatal injury			No injury			Non-fatal injury - Incapacitating			Non-fatal Non- incapacitating			Non-fatal injury - Possible			Not reported			Annual Total			Grand Total
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	
WALES	1			1															2			2
WARE								1			2	2	1	2	2				1	5	4	10
WEST SPRINGFIELD	2	2	1	4	1	7	1	1	6	13	6	2	2	13	4		1		22	24	20	66
WESTFIELD	2	3		4	3	3	3		2	16	10	12	7	7	2				32	23	19	74
WESTHAMPTON										1									1			1
WILBRAHAM					1		1		1	3	1	3	2	1					6	3	4	13
WILLIAMSBURG				1															1			1
Grand Total	10	11	7	71	68	67	90	64	55	197	164	159	157	161	135	7	5	1	532	473	424	1429

Source: MassDOT Crash Portal. Query for Non empty "Non Motorist Type" field utilized.

Pioneer Valley SafetyCompass

AGAWAM (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	494	Angle	146	Fatal	1	Dry	401
		Head On	11	No injury	369	Ice	2
		Rear End	192	Non-fatal injury – I ^{\$}	11	Snow	12
		Side Swipe	48	Non-fatal injury – NC [^]	32	Wet	75
		Single Vehicle	91	Non-fatal injury – P [@]	64	Slush	2
		Not Reported	6	Not reported	17	Other	2
2013	480	Angle	123	Fatal	1	Dry	391
		Head On	9	No injury	360	Ice	4
		Rear End	207	Non-fatal injury – I ^{\$}	10	Snow	23
		Side Swipe	47	Non-fatal injury – NC [^]	31	Wet	56
		Single Vehicle	88	Non-fatal injury – P [@]	71	Slush	2
		Not Reported	6	Not reported	7	Other	4
2014	505	Angle	120	Fatal	3	Dry	388
		Head On	12	No injury	348	Ice	11
		Rear End	213	Non-fatal injury – I ^{\$}	1	Snow	33
		Side Swipe	48	Non-fatal injury – NC [^]	49	Wet	66
		Single Vehicle	108	Non-fatal injury – P [@]	92	Slush	2
		Not Reported	4	Not reported	12	Other	5
Total	1479	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Agawam Rotary northeast section in the vicinity of the intersection with River Road	291	295	6	Springfield Street (Route 147) and Walnut Street	52	54
2	Suffield Street (Route 75) and Silver Street	73	75	7	Springfield Street, North Street, Maple Street, and McGrath Terrace	32	42
3	N. Westfield Street, S. Westfield Street, Springfield Street, and Southwick Street	103	71	8	Henry E Bodurtha Highway eastbound in the vicinity of off-ramp to Route 159	23	36
4	Suffield Street (Route 147) , Springfield Street, and Main Street (Route 159)	66	69	9	Main Street (Route 159) and Meadow Street	17	29
5	Agawam Rotary in the vicinity of the intersection with Meadow Street	65	59	10	South End Bridge (Route 5) west of Connecticut River	46	28

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 1479 crashes in the Town of Agawam within the calendar years of 2012 to 2014.
- Agawam reported 5 fatal crashes within this period.
- Approximately 41% of the total crashes were rear end type, followed by angle (26%), and single vehicle (19%) type crashes.
- Agawam experienced 35 non-motorist collisions within the analysis period which resulted in 3 incapacitating injuries.
- Almost 17% of the drivers involved in single vehicle crashes were observed to be speeding.

LOCATION OF CRASHES

Not at junction	634
T-intersection	202
Traffic circle	176
Four-way intersection	173
Driveway	117
Off-ramp	101
Y-intersection	32
On-ramp	28
Not reported	6
Unknown	6
Five-point or more	4
Total	1479

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	654
Urban minor arterial or rural major collector	399
Urban collector or rural minor collector	226
Local	104
Unknown	96
Total	1479

TOTAL NON-MOTORIZED CRASHES

Pedalcyclist*	19
Pedestrian	15
Wheelchair	1
Total	35

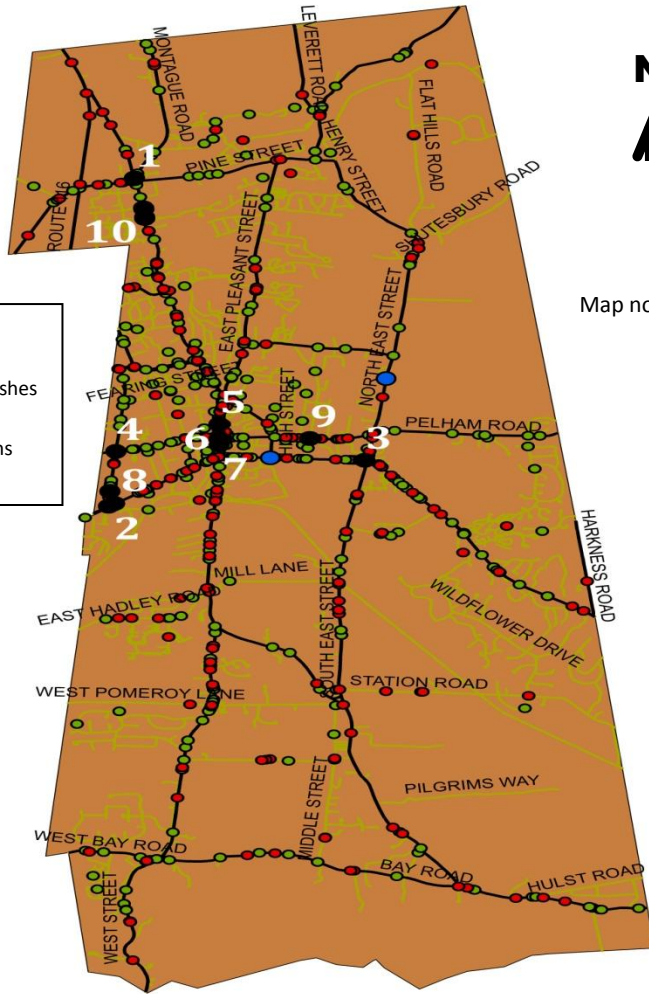
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	70
Driving too fast for conditions or speeding	48
Distracted, Emotional or Inattention	46
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	27
Fatigue, Illness or Physical Impairment	24
Unknown	22
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	18
Failure to keep in proper lane or running off road	15
Over correcting or over steering	12
Glare or obstructed visibility	3
Other improper action	2
Total	287

Pioneer Valley SafetyCompass

AMHERST (2012 – 2014)



- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top 10 Crash Locations
- Fatal Crashes

TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	390	Angle	89	Fatal	0	Dry	273
		Head On	10	No injury	284	Ice	14
		Rear End	134	Non-fatal injury – I ^{\$}	5	Snow	24
		Side Swipe	48	Non-fatal injury – NC [^]	56	Wet	71
		Single Vehicle	102	Non-fatal injury – P [@]	35	Slush	5
		Not Reported	7	Not reported	10	Other	3
2013	276	Angle	66	Fatal	1	Dry	213
		Head On	7	No injury	213	Ice	3
		Rear End	101	Non-fatal injury – I ^{\$}	1	Snow	14
		Side Swipe	27	Non-fatal injury – NC [^]	31	Wet	40
		Single Vehicle	71	Non-fatal injury – P [@]	22	Slush	3
		Not Reported	4	Not reported	8	Other	3
2014	368	Angle	115	Fatal	1	Dry	240
		Head On	9	No injury	275	Ice	21
		Rear End	100	Non-fatal injury – I ^{\$}	8	Snow	36
		Side Swipe	45	Non-fatal injury – NC [^]	44	Wet	69
		Single Vehicle	98	Non-fatal injury – P [@]	36	Slush	1
		Not Reported	1	Not reported	4	Other	1
Total	1034	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Meadow Street, Montague Road, N. Pleasant Street, Sunderland Street, and Pine Street	27	67	6	Amity Street, Main Street, N. Pleasant Street, and S. Pleasant Street	20	32
2	Northampton Road (Route 9 and Route 116), University Drive, and Snell Street	22	46	7	South Pleasant Street and Spring Street	13	29
3	College Street (Route 9), South East Street, and Belchertown Road	14	46	8	University Drive in the vicinity of Big Y plaza	17	29
4	University Drive and Amity Street	25	45	9	Main Street, North Whitney Street, and South Whitney Street	7	27
5	North Pleasant Street, Kelloggs Avenue, and Cowles Lane	15	39	10	North Pleasant Street, Hobart Lane and Puffton Village Drive	15	27

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 1034 crashes in the Town of Amherst within the calendar years of 2012 to 2014.
- Almost 32% of the total crashes were rear end type, followed by angle (26%), and single vehicle (26%) type crashes.
- Amherst experienced 65 non-motorist collisions within the analysis period, 2 of which resulted in fatalities.
- Nearly 18% of all single vehicle crashes were a result of distracted driving.

LOCATION OF CRASHES

Not at junction	576
T-intersection	209
Four-way intersection	180
Driveway	35
Traffic circle	16
Y-intersection	9
On-ramp	3
Unknown	3
Not reported	2
Railway grade crossing	1
Total	1034

ROADWAY CLASSIFICATION

Local	127
Rural minor arterial or urban principal arterial	253
Rural or urban principal arterial	165
Urban collector or rural minor collector	37
Urban minor arterial or rural major collector	416
Unknown	36
Total	1034

TOTAL NON-MOTORIZED CRASHES

Pedestrian	29
Pedalcyclist*	33
Skater	3
Total	65

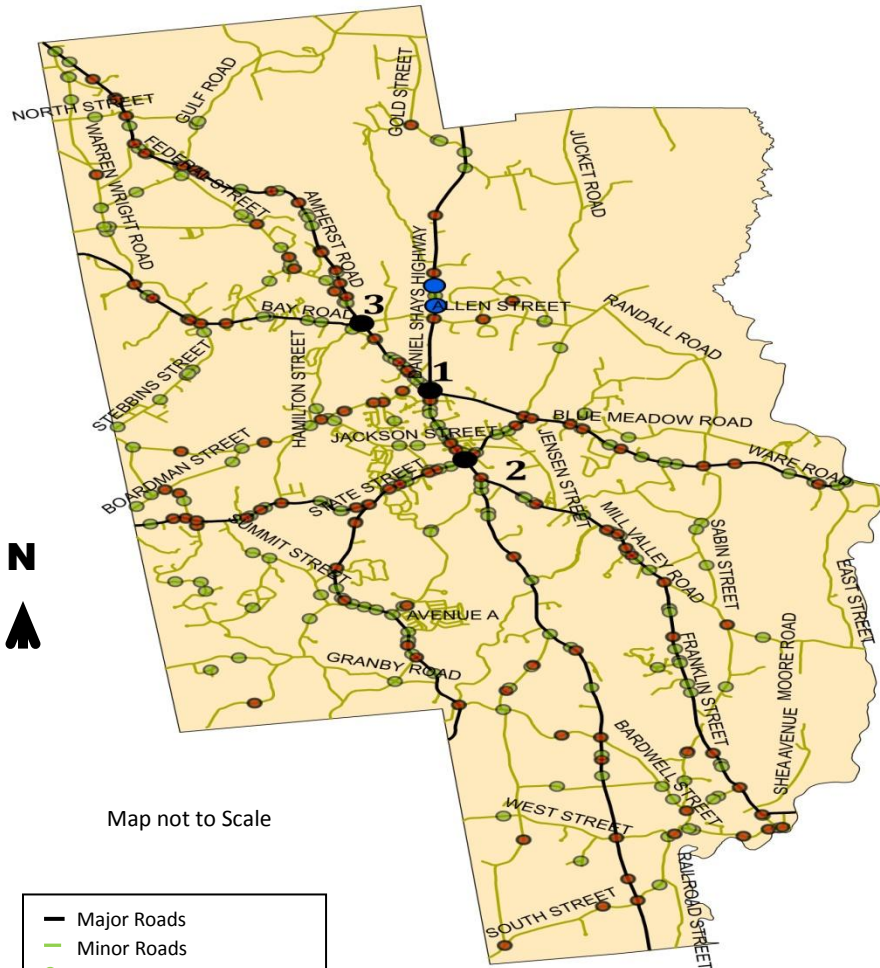
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	85
Distracted, Emotional or Inattention	48
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	36
Fatigue, Illness or Physical Impairment	23
Unknown	21
Driving too fast for conditions or speeding	16
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	13
Over correcting or over steering	10
Glare or obstructed visibility	10
Failure to keep in proper lane or running off road	2
Made an improper turn	2
Other improper action	2
Disregarded traffic signs, signals, road markings	1
Failed to yield right of way	1
Operating defective equipment	1
Total	271

Pioneer Valley SafetyCompass

BELCHERTOWN (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	230	Angle	32	Fatal	1	Dry	145	Clear	137
		Head On	8	No injury	168	Ice	14	Cloudy	34
		Rear End	52	Non-fatal injury – I\$	3	Snow	18	Rain	26
		Side Swipe	25	Non-fatal injury – NC^	23	Wet	49	Snow	20
		Single	110	Non-fatal injury – P@	31	Slush	2	Sleet	5
		Not	3	Not reported	4	Other	2	Other	8
2013	208	Angle	34	Fatal	0	Dry	121	Clear	122
		Head On	3	No injury	152	Ice	18	Cloudy	34
		Rear End	44	Non-fatal injury – I\$	1	Snow	27	Rain	18
		Side Swipe	18	Non-fatal injury – NC^	25	Wet	33	Snow	20
		Single	107	Non-fatal injury – P@	25	Slush	4	Sleet	4
		Not	2	Not reported	5	Other	5	Other	10
2014	261	Angle	28	Fatal	1	Dry	149	Clear	157
		Head On	12	No injury	181	Ice	25	Cloudy	43
		Rear End	66	Non-fatal injury – I\$	8	Snow	48	Rain	14
		Side Swipe	21	Non-fatal injury – NC^	27	Wet	36	Snow	34
		Single	131	Non-fatal injury – P@	39	Slush	1	Sleet	6
		Not	3	Not reported	5	Other	2	Other	7
Total	699	^ Non Incapacitating @ Possible \$ Incapacitating							

TOP 3 CRASH LOCATIONS IN THE TOWN

1. Daniel Shays Highway (Route 202), North Main Street (Route 202), Federal Street (Route 9), and Sargent Street (Route 9).
(Crashes: 26, EPDO*: 42)
2. Main Street (Route 202), Maple Street (Route 202), Jabish Street (Route 21), and South Main Street (Route 181).
(Crashes: 20, EPDO*: 36)
3. Federal Street (Route 9) and Allen Road.
(Crashes: 16, EPDO*: 28)

*EPDO – Equivalent Property Damage Only (fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- There were a total of 699 crashes in the Town of Belchertown within the calendar years of 2012 to 2014.
- Belchertown experienced the highest number of crashes amongst all the rural communities in the region
- 2 fatal crashes along Daniel Shays Highway (Route 202) were reported in the Town within this period.
- Almost half the crashes recorded in the Town are single vehicle crashes.
- Belchertown experienced 4 non-motorist collisions within the analysis period.
- More than 18% of the drivers involved in the single vehicle crashes were observed to be driving too fast for conditions.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	333
Collision with utility pole	73
Collision with tree	69
Collision with animal - deer	42
Collision with guardrail	30
Collision with other	32
Collision with embankment	27
Collision with ditch	22
Collision with unknown fixed object	19
Collision with other movable object	11
Collision with parked motor vehicle	10
Other non-collision	8
Overturn/rollover	7
Collision with bridge	6
Collision with curb	4
Collision with non-motorist	4
Total	699

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	176
Unknown	157
Rural or urban principal arterial	140
Local	125
Urban minor arterial or rural major collector	63
Urban collector or rural minor collector	38
Grand Total	699

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	132
Driving too fast for conditions or speeding	63
Distracted, Emotional or Inattention	40
Unknown	28
Fatigue, Illness or Physical Impairment	22
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	18
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	16
Over correcting or over steering	10
Failure to keep in proper lane or running off road	9
Glare or obstructed visibility	5
Other improper action	2
Disregarded traffic signs, signals, road markings	1
Followed too closely	1
Made an improper turn	1
Total	348

AMBIENT LIGHT

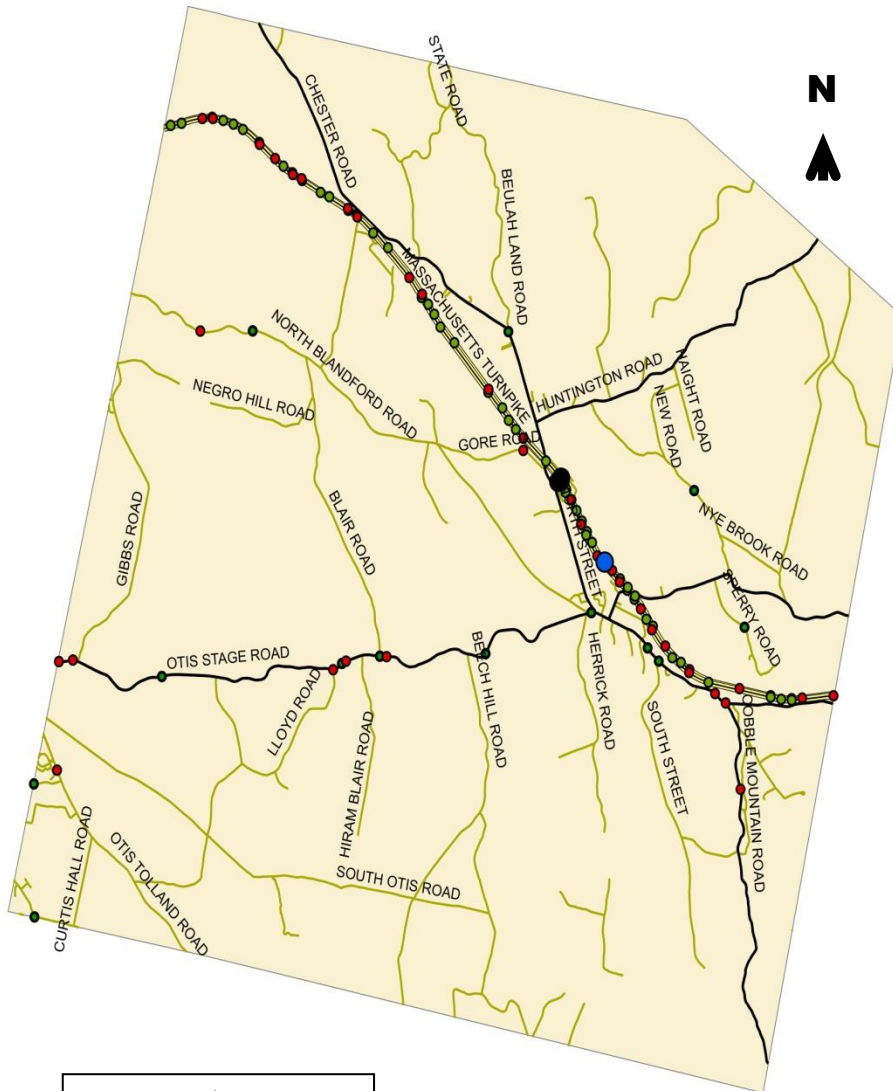
Daylight	440
Dark - roadway not lighted	141
Dark - lighted roadway	52
Dusk	32
Dawn	16
Dark - unknown lighting	11
Not reported	7
Total	699

LOCATION OF CRASHES

Not at junction	478
T-intersection	86
Four-way intersection	77
Y-intersection	29
Driveway	21
Not reported	6
Railway grade crossing	1
Unknown	1
Total	699

Pioneer Valley SafetyCompass

BLANDFORD (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	77	Angle	3	Fatal Injury	0	Dry	42	Clear	35
		Head On	1	No injury	55	Ice	3	Cloudy	13
		Rear End	3	Non-fatal injury - I ^{\$}	3	Snow	11	Snow	11
		Side Swipe	11	Non-fatal injury - NC [^]	8	Wet	13	Rain	8
		Single Vehicle	59	Non-fatal Injury - P [@]	2	Sand	0	NR*	3
		Not Reported	0	Not Reported	9	Other	8	Sleet	7
2013	55	Angle	4	Fatal Injury	1	Dry	31	Clear	25
		Head On	0	No injury	39	Ice	3	Cloudy	10
		Rear End	5	Non-fatal injury - I ^{\$}	1	Sand	1	Snow	7
		Side Swipe	4	Non-fatal injury - NC [^]	8	Wet	9	Rain	5
		Single Vehicle	41	Non-fatal Injury - P [@]	4	Snow	7	NR*	6
		Not Reported	1	Not Reported	2	Other	4	Sleet	2
2014	67	Angle	3	Fatal Injury	0	Dry	32	Clear	27
		Head On	2	No injury	51	Ice	7	Cloudy	9
		Rear End	9	Non-fatal injury - I ^{\$}	1	Slush	3	NR*	6
		Side Swipe	8	Non-fatal injury - NC [^]	12	Snow	17	Rain	6
		Single Vehicle	44	Non-fatal Injury - P [@]	3	Wet	8	Snow	14
		Not Reported	1	Not Reported	0	Other	0	Sleet	5
Total	199	^ Non Incapacitating		@ Possible	\$ Incapacitating	* Not Reported			

TOP CRASH LOCATION IN TOWN:

Blandford Service Plaza on Interstate I-90. Total Crashes: 7 EPDO: 7

There were a total of 10 non-interstate injury crashes scattered throughout the Town

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Blandford experienced a total of 199 crashes within the calendar years of 2012 to 2014.
- The Town experienced 2 pedestrian crashes within this period, both resulted in incapacitating injuries.
- More than 70% (144 out of 199) of the total crashes were single vehicle collisions with other objects.
- Speeding was observed to be a cause for more than 17% of the total crashes.
- Collisions of motor vehicles with guardrails resulted in more than 40% of the single vehicle crashes.
- Approximately 80% of the total crashes occurred along the Interstate I-90 and its ramps.

FIRST HARMFUL EVENT

Collision with guardrail	62
Collision with motor vehicle in traffic	52
Collision with animal	25
Collision with embankment	10
Collision with ditch	8
Collision with other	14
Collision with tree	8
Overturn/rollover	6
Collision with parked motor vehicle	3
Collision with median barrier	2
Collision with other movable object	2
Collision with pedestrian	2
Collision with utility pole	2
Other non-collision	2
Collision with bridge	1
Total	199

AMBIENT LIGHT

Daylight	112
Dark - roadway not lighted	66
Dark - lighted roadway	9
Dawn	7
Dusk	4
Dark - unknown lighting	1
Total	199

DRIVER CONTRIBUTION CODES

No improper driving	67
Driving too fast for conditions or speeding	35
Failure to keep in proper lane or running off road	21
Unknown	18
Other improper action	14
Distracted, Emotional or Inattention	13
Fatigue, Illness or Physical Impairment	13
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	8
Over correcting or over steering	4
Followed too closely	2
Made an improper turn	2
Disregarded traffic signs, signals, road markings	1
Operating defective equipment	1
Total	199

LOCATION OF CRASHES

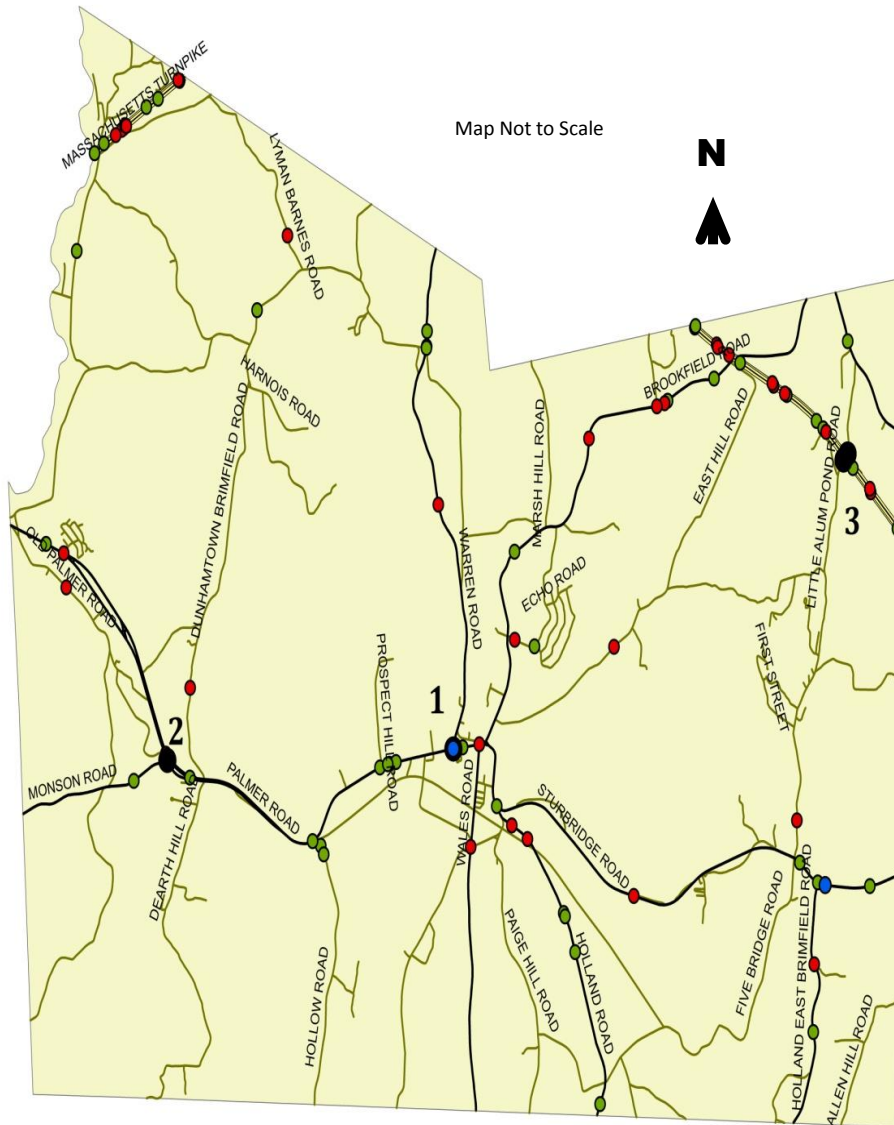
Not at junction	191
Not reported	3
Railway grade crossing	2
T-intersection	2
Y-intersection	1
Total	199

ROADWAY CLASSIFICATION

Interstate	159
Unknown	21
Urban minor arterial or rural major collector	13
Local	3
Urban collector or rural minor collector	3
Total	199

Pioneer Valley SafetyCompass

BRIMFIELD (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	77	Angle	15	Fatal Injury	0	Dry	54	Clear	47
		Head On	0	No injury	52	Ice	2	Cloudy	8
		Rear End	10	Non-fatal injury - I ^{\$}	4	Snow	8	Snow	7
		Side Swipe	9	Non-fatal injury - NC [^]	8	Wet	11	Rain	6
		Single Vehicle	42	Non-fatal Injury - P [@]	7	Sand	1	NR*	7
		Not Reported	1	Not Reported	6	Other	1	Sleet	2
2013	55	Angle	5	Fatal Injury	1	Dry	40	Clear	39
		Head On	2	No injury	32	Ice	3	Cloudy	5
		Rear End	15	Non-fatal injury - I ^{\$}	2	Sand	0	Snow	7
		Side Swipe	4	Non-fatal injury - NC [^]	9	Wet	5	Rain	3
		Single Vehicle	29	Non-fatal Injury - P [@]	11	Snow	7	NR*	0
		Not Reported	0	Not Reported	0	Other	0	Sleet	1
2014	46	Angle	5	Fatal Injury	1	Dry	33	Clear	26
		Head On	2	No injury	33	Ice	4	Cloudy	9
		Rear End	16	Non-fatal injury - I ^{\$}	1	Slush	0	NR*	0
		Side Swipe	1	Non-fatal injury - NC [^]	7	Snow	5	Rain	3
		Single Vehicle	22	Non-fatal Injury - P [@]	3	Wet	4	Snow	5
		Not Reported	0	Not Reported	1	Other	0	Sleet	3
Total	178	^ Non Incapacitating		@ Possible	\$ Incapacitating	* Not Reported			

TOP CRASH LOCATIONS IN TOWN:

1. The Intersection of Main Street (Route 20) and Warren Road. It had a fatal crash in the year 2013. (Total Crashes – 3, EPDO* - 12)
2. The Intersection of Palmer Road (Route 20) and Old Palmer Road (Total Crashes – 4, EPDO* - 12)
3. Massachusetts Turnpike I-90 in the vicinity of Little Alum Pond Road (Total Crashes – 3, EPDO* - 11)

KEY FINDINGS:

- The Town of Brimfield experienced a total of 178 crashes within the calendar years of 2012 to 2014.
- The Town experienced 2 fatal crashes within the analysis period. One at the intersection of Main Street (Route 20) and Warren Road and the other along Sturbridge Road (Route 20) east of its intersection with E Brimfield Holland Road.
- The Town experienced 1 non-motorist crash within this period which involved a wheelchair along Saint Claire Road in the year 2014. It resulted in a non incapacitating injury.
- More than 52% (93 out of 178) of the total crashes were single vehicle collisions with other objects.
- "Followed too closely" was one of the top driver contribution codes for the crashes.
- More than 40% of the total crashes occurred along the Interstate I-90.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	79
Collision with guardrail	33
Collision with tree	19
Collision with animal - deer	14
Collision with parked motor vehicle	5
Collision with utility pole	5
Collision with other	4
Overturn/rollover	4
Collision with ditch	3
Collision with embankment	3
Collision with other post/support	3
Collision with curb	2
Collision with median barrier	1
Collision with other movable object	1
Collision with unknown fixed object	1
Other non-collision	1
Total	178

ROADWAY CLASSIFICATION

Interstate	77
Unknown	37
Urban minor arterial or rural major collector	28
Rural minor arterial or urban principal arterial	23
Local	10
Urban collector or rural minor collector	3
Total	178

DRIVER CONTRIBUTION CODES

No improper driving	48
Followed too closely	25
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	14
Driving too fast for conditions or speeding	13
Failed to yield right of way	12
Unknown	12
Failure to keep in proper lane or running off road	11
Other improper action	11
Fatigue, Illness or Physical Impairment	8
Over correcting or over steering	7
Made an improper turn	6
Distracted, Emotional or Inattention	5
Operating defective equipment	3
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	3
Total	178

LOCATION OF CRASHES

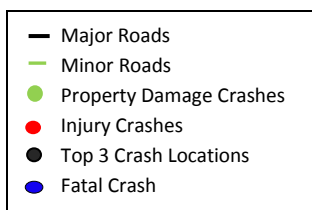
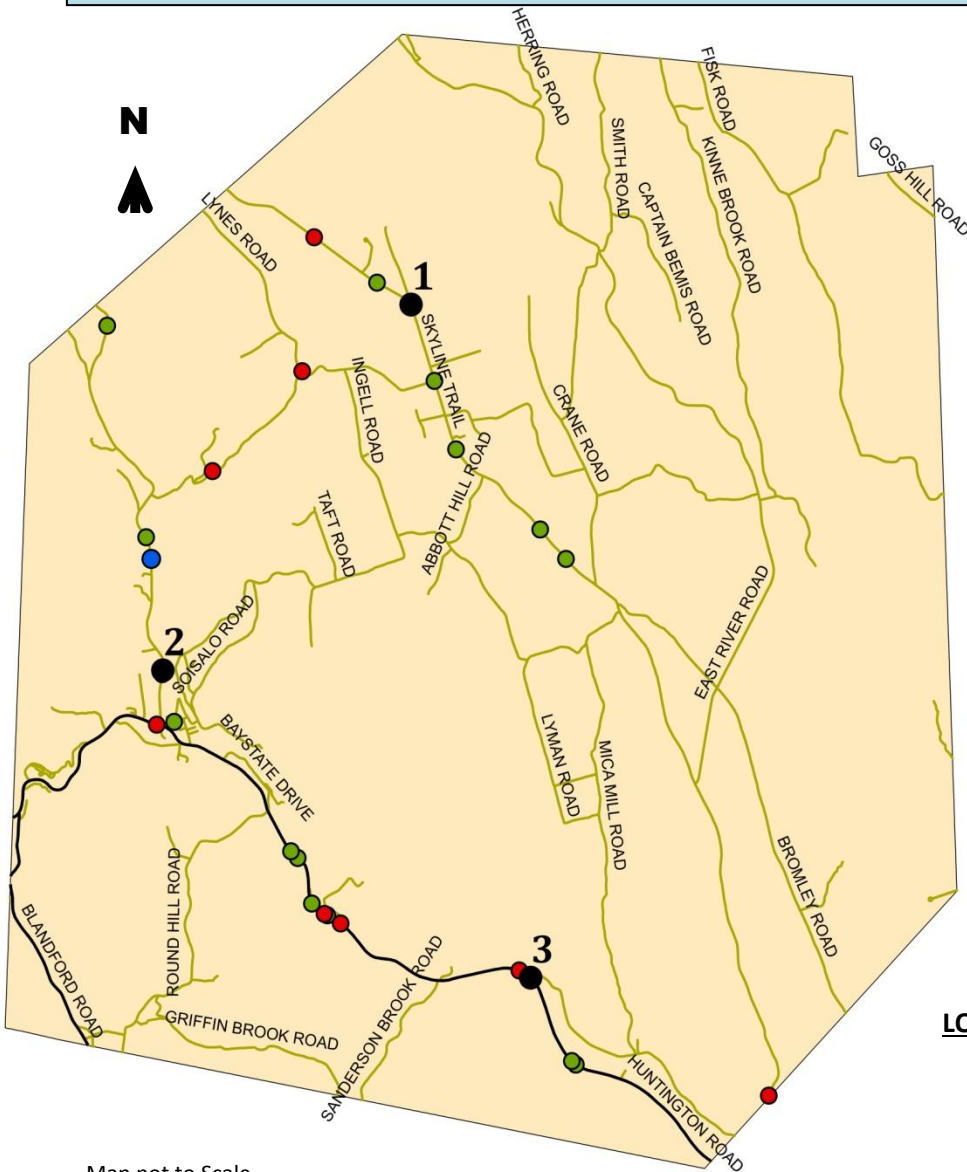
Not at junction	156
T-intersection	8
Four-way intersection	4
Not reported	4
Y-intersection	4
Driveway	1
Unknown	1
Total	178

AMBIENT LIGHT

Daylight	110
Dark - roadway not lighted	47
Dusk	7
Dark - lighted roadway	5
Dawn	5
Other	3
Dark - unknown roadway lighting	1
Total	178

Pioneer Valley SafetyCompass

CHESTER (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	12	Head On	1	Fatal Injury	0	Dry	8	Clear	7
		Rear End	2	No injury	4	Ice	2	Cloudy	1
		Side Swipe	1	Non-fatal injury - I ^{\$}	1	Wet	1	NR*	1
		Single Vehicle	8	Non-fatal injury - NC [^]	3	Sand	1	Rain	1
				Non-fatal Injury - P [@]	1			Sleet	1
				Not Reported	3			Snow	1
2013	15	Single Vehicle	15	Fatal Injury	0	Dry	7	Clear	6
				No injury	6	Ice	6	Cloudy	1
				Non-fatal injury - I ^{\$}	3	Wet	2	NR*	3
				Non-fatal injury - NC [^]	4			Rain	2
				Non-fatal Injury - P [@]	1			Sleet	1
				Not Reported	1			Snow	2
2014	15	Angle	1	Fatal Injury	1	Dry	6	Clear	10
		Side Swipe	1	No injury	10	Ice	5	Cloudy	1
		Single Vehicle	13	Non-fatal injury - I ^{\$}	0	Snow	2	Snow	2
				Non-fatal injury - NC [^]	2	Wet	1	Sleet	2
				Non-fatal Injury - P [@]	1	Sand	1		
				Not Reported	1				
Total	42	[^] Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

LOCATIONS IN TOWN WITH MULTIPLE CRASHES:

1. The Intersection of Skyline Trail and Holcomb Road
(Total Crashes – 4, EPDO* - 12)
2. The Intersection of Middlefield Road and Morey Avenue
(Total Crashes – 2, EPDO* - 10)
3. The Intersection of Huntington Road (Route 20) and Old State Highway
(Total Crashes – 2, EPDO* - 2)

*EPDO – Equivalent Property Damage Only(Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Chester experienced a total of 42 crashes within the calendar years of 2012 to 2014.
- Chester reported one fatality within this period along Middlefield Road south of the Chester Elementary School.
- More than 30% of the total crashes involved drivers driving too fast for conditions or speeding.
- More than 85% (36 out of 42) of the total crashes were single vehicle collisions with other objects.
- More than half of the crashes occurred during the hours of darkness.
- Collisions of motor vehicles with guardrails, utility poles and embankments resulted in a total of 16 crashes.

FIRST HARMFUL EVENT

Collision with guardrail	7
Collision with motor vehicle in traffic	6
Collision with utility pole	5
Not reported	5
Collision with embankment	4
Collision with other	3
Collision with tree	3
Collision with animal - deer	2
Collision with ditch	2
Collision with unknown fixed object	2
Overturn/rollover	2
Collision with work zone maintenance equipment	1
Total	42

DRIVER CONTRIBUTION CODES

Driving too fast for conditions	13
No improper driving	10
Failure to keep in proper lane or running off road	5
Unknown	4
Fatigued/asleep	3
Distracted, Emotional or Inattention	2
Wrong side or wrong way	2
Failed to yield right of way	1
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	1
Other improper action	1
Total	42

LOCATION OF CRASHES

Not at junction	41
Driveway	1
Total	42

ROADWAY CLASSIFICATION

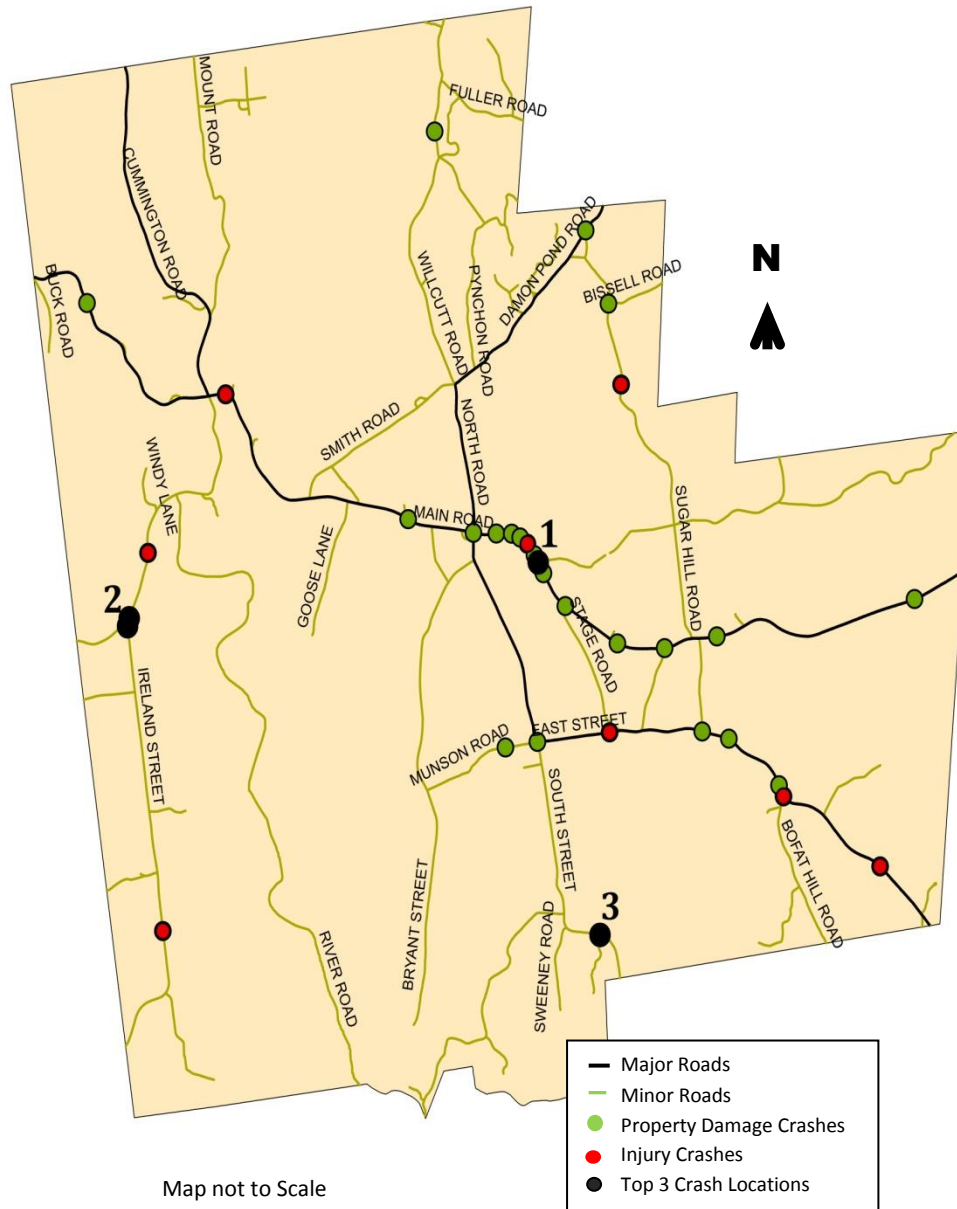
Urban collector or rural minor collector	15
Rural minor arterial or urban principal arterial	13
Unknown	11
Local	3
Total	42

AMBIENT LIGHT

Daylight	20
Dark - roadway not lighted	13
Dark - lighted roadway	4
Dark - unknown roadway lighting	3
Dawn	1
Dusk	1
Total	42

Pioneer Valley SafetyCompass

CHESTERFIELD (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	19	Angle 1	No injury 16	Dry 8	Clear 11
		Rear End 1	Non-fatal injury - I ^{\$} 0	Ice 2	Cloudy 3
		Single Vehicle 17	Non-fatal injury - NC [^] 1	Wet 1	NR* 0
			Non-fatal Injury - P [@] 2	Snow 7	Rain 0
				Other 1	Sleet 0
2013	17	Side Swipe 1	No injury 13	Dry 7	Clear 7
		Single Vehicle 16	Non-fatal injury - I ^{\$} 1	Ice 1	Cloudy 5
			Non-fatal injury - NC [^] 1	Wet 3	NR* 2
			Non-fatal Injury - P [@] 2	Snow 5	Rain 1
				Slush 1	Sleet 0
2014	9	Angle 1	No injury 6	Dry 4	Clear 4
		Single Vehicle 8	Non-fatal injury - I ^{\$} 2	Ice 1	Cloudy 1
			Non-fatal injury - NC [^] 1	Snow 3	Snow 3
			Non-fatal Injury - P [@] 0	Slush 1	Sleet 1
Total	45	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			

LOCATIONS IN TOWN WITH MULTIPLE CRASHES:

1. The Intersection of Main Road (Route 143) and Old Chesterfield Road
(Total Crashes – 3, EPDO* - 7)
2. The Intersection of Ireland Street and Partridge Road
(Total Crashes – 2, EPDO* - 2)
3. The Intersection of South Street and Cowper Road
(Total Crashes – 2, EPDO* - 2)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Chesterfield experienced a total of 45 crashes within the calendar years of 2012 to 2014.
- The total number of crashes within the Town was observed to be decreasing each year within the analysis period.
- All but 4 of the total crashes were single vehicle collisions with other objects.
- More than 28% of the total crashes involved drivers driving too fast for conditions or speeding.
- Collisions of motor vehicles with trees, utility poles and animals resulted in a total of 17 crashes.

FIRST HARMFUL EVENT

Collision with tree	6
Collision with utility pole	6
Collision with animal - other	5
Collision with ditch	5
Collision with embankment	5
Collision with motor vehicle in traffic	4
Collision with animal - deer	3
Collision with guardrail	3
Collision with other post/support	2
Collision with other movable object	2
Collision with other	2
Jackknife	1
Other non-collision	1
Total	45

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	18
Local	8
Urban minor arterial or rural major collector	6
Unknown	6
Urban collector or rural minor collector	4
Total	42

DRIVER CONTRIBUTION CODES

Driving too fast for conditions	13
No improper driving	11
Unknown	6
Distracted or inattention	5
Failure to keep in proper lane or running off road	3
Fatigued/asleep	3
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	1
Over correcting or over steering	1
Physical impairment	1
Swerving or avoiding due to wind, object, non-motorist in roadway, etc	1
Total	45

AMBIENT LIGHT

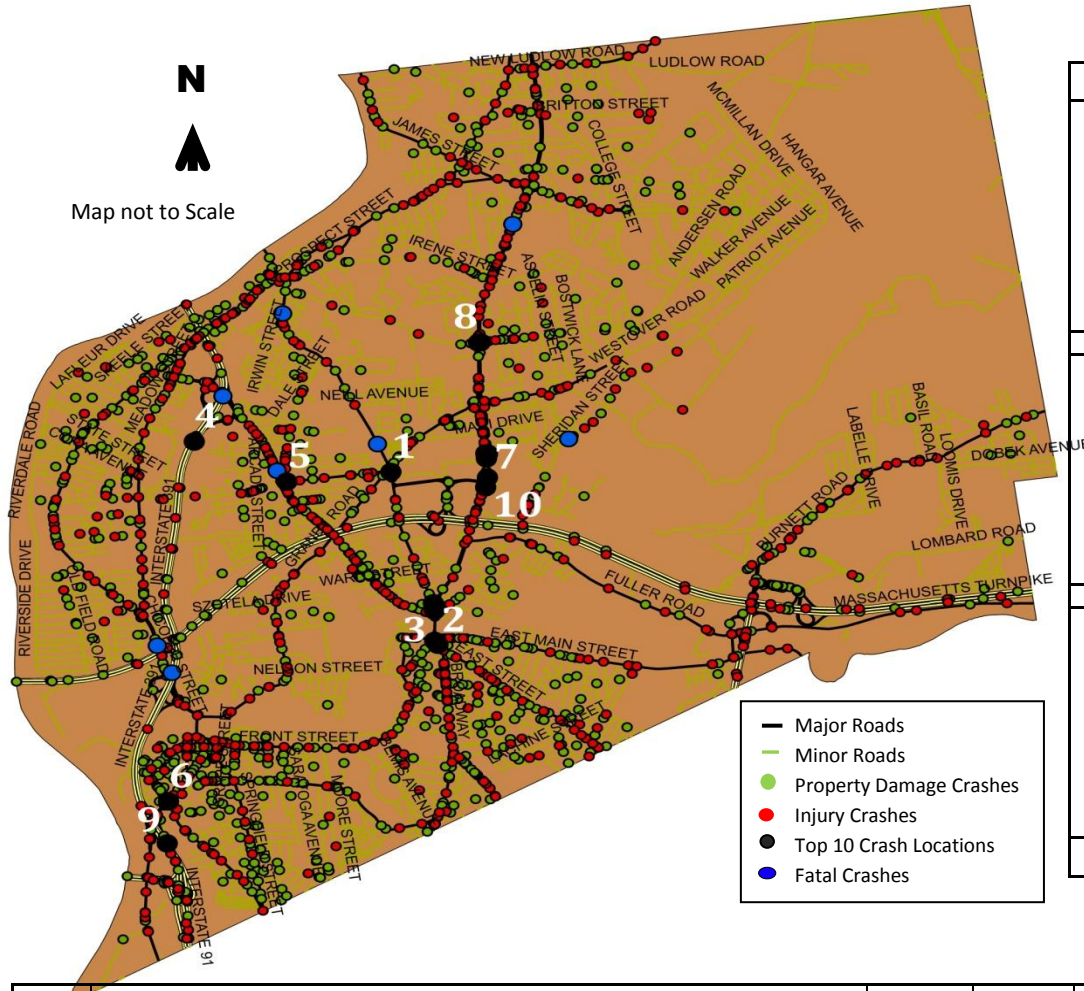
Daylight	25
Dark - roadway not lighted	15
Dark - lighted roadway	2
Dark - unknown roadway lighting	1
Dawn	1
Dusk	1
Total	45

LOCATION OF CRASHES

Not at junction	37
T-intersection	3
Y-intersection	2
Four-way intersection	1
Not reported	1
Unknown	1
Total	45

Pioneer Valley SafetyCompass

CHICOPEE (2012 – 2014)



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	1390	Angle	393	Fatal	5	Dry	1068
		Head On	33	No injury	877	Ice	18
		Rear End	461	Non-fatal injury – I ^{\$}	32	Snow	34
		Side Swipe	178	Non-fatal injury – NC [^]	195	Wet	241
		Single Vehicle	282	Non-fatal injury – P [@]	171	Slush	6
		Not Reported	43	Not reported	110	Other	23
2013	1351	Angle	390	Fatal	2	Dry	1011
		Head On	41	No injury	870	Ice	16
		Rear End	439	Non-fatal injury – I ^{\$}	19	Snow	57
		Side Swipe	200	Non-fatal injury – NC [^]	190	Wet	226
		Single Vehicle	243	Non-fatal injury – P [@]	187	Slush	6
		Not Reported	38	Not reported	83	Other	35
2014	1425	Angle	392	Fatal	1	Dry	1040
		Head On	42	No injury	918	Ice	49
		Rear End	480	Non-fatal injury – I ^{\$}	21	Snow	76
		Side Swipe	199	Non-fatal injury – NC [^]	192	Wet	248
		Single Vehicle	269	Non-fatal injury – P [@]	194	Slush	4
		Not Reported	43	Not reported	99	Other	8
Total	4166	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Montgomery Street, McKinstry Avenue, Granby Road, and BJ's Plaza Driveway	100	188	6	Center Street, West Street, and Hampden Street	54	114
2	Bridge Street, East Main Street, Broadway, Main Street, and Church Street	75	155	7	Memorial Drive in the vicinity of Stop and Shop Plaza	60	112
3	Memorial Drive, Grattan Street, Bridge Street, Montgomery Street, Sheridan Street	73	153	8	Memorial Drive and Pendleton Avenue	51	103
4	Interstate I-391 in the vicinity of Exit 4 for Route 141	41	117	9	Interstate I-391 in the vicinity of Exit 3 towards Route 116	53	97
5	Grattan Street, McKinstry Avenue, and Dale Street	44	116	10	Memorial Drive in the vicinity of Intersection with I-90 Exit 5 ramps	43	95

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 4166 crashes in the City of Chicopee within the calendar years of 2012 to 2014.
- A total of 8 fatal crashes occurred in the City within this period.
- Approximately 33% of the total crashes were rear end crashes, followed by angle (28%), and single vehicle (19%) type crashes.
- Chicopee experienced 124 non-motorist collisions within the analysis period which resulted in 8 incapacitating injuries.
- Approximately 11.5% of the total crashes occurred along the interstates I-90 and I-391.
- Approximately 15% of the total crashes in the City occurred along Memorial Drive (Route 33).

LOCATION OF CRASHES

Not at junction	1939
T-intersection	846
Four-way intersection	799
Off-ramp	167
Y-intersection	117
Driveway	86
On-ramp	74
Traffic circle	56
Five-point or more	35
Unknown	23
Not reported	22
Railway grade crossing	2
Total	4166

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	1386
Rural minor arterial or urban principal arterial	1221
Local	515
Interstate	480
Urban collector or rural minor collector	367
Unknown	196
Ramp - Interstate	1
Total	4166

TOTAL NON-MOTORIZED CRASHES

Pedestrian	67
Pedalcyclist*	52
Other	5
Total	124

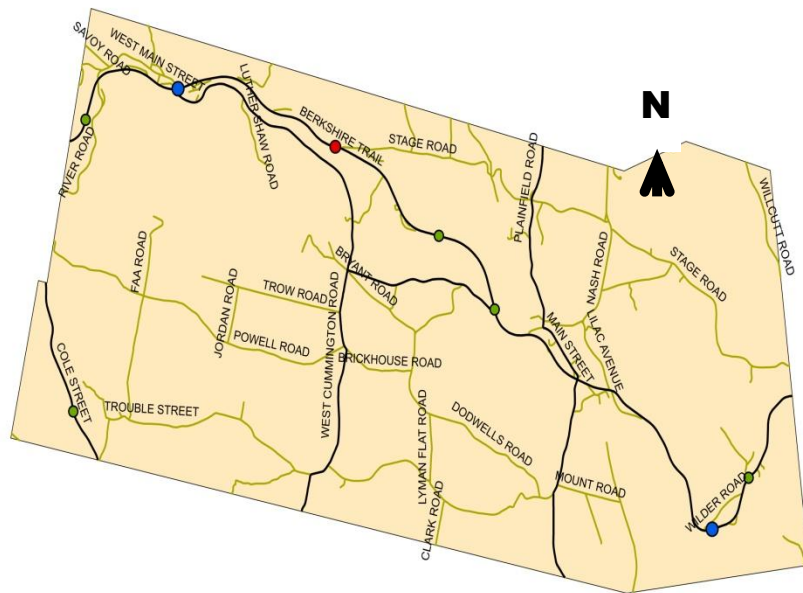
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	191
Unknown	139
Driving too fast for conditions or speeding	109
Distracted, Emotional or Inattention	76
Failure to keep in proper lane or running off road	65
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	47
Fatigue, Illness or Physical Impairment	43
Other improper action	38
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	31
Over correcting or over steering	20
Glare or obstructed visibility	14
Disregarded traffic signs, signals, road markings	5
Failed to yield right of way	5
Operating defective equipment	5
Made an improper turn	4
Followed too closely	1
Wrong side of the road	1
Total	794

Pioneer Valley SafetyCompass

CUMMINGTON (2012 – 2014)



- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Fatal Crashes

Map not to Scale

TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	4	Rear end	1	No injury	2	Dry	3	Clear	3
		Single Vehicle	3	Non-fatal injury - NC^	1	Ice	1	Cloudy	1
				Non-fatal Injury - P@	1				
2013	2	Side Swipe	1	Fatal Injury	2	Dry	1	Cloudy	2
		Single Vehicle	1			Wet	1		
2014	4	Head on	1	No injury	3	Dry	1	Clear	2
		Single Vehicle	3	Not Reported	1	Ice	2	Snow	1
						Snow	1	Sleet	1
Total	10	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

HIGHLIGHTS:

Only 8 out of 10 reported crashes could be depicted in the map as 2 of the reported crashes did not provide geographic data.

Both the fatal crashes occurred along Berkshire Trail (Route 9), one east of its intersection with West Cummington Road and other east of its intersection with Wilder Road.

Only one out of 2 injury crashes could be located. It occurred at the intersection of Berkshire Trail (Route 9) and Stage Road

KEY FINDINGS:

- The Town of Cummington experienced a total of 10 crashes within the calendar years of 2012 to 2014.
- In the year 2013, 2 fatal crashes were reported in the Town along Route 9
- A total of 7 out of the 10 crashes were single vehicle type.
- Collisions of motor vehicles with guardrails resulted in 3 crashes.
- A total of 3 crashes occurred due to vehicles running off the road.

FIRST HARMFUL EVENT

Collision with guardrail	3
Collision with motor vehicle in traffic	3
Collision with embankment	2
Collision with animal - deer	1
Collision with ditch	1
Total	10

DRIVER CONTRIBUTION CODES

No improper driving	4
Failure to keep in proper lane or running off road	3
Followed too closely	1
Unknown	1
Wrong side or wrong way	1
Total	10

AMBIENT LIGHT

Daylight	7
Dark - roadway not lighted	3
Total	10

LOCATION OF CRASHES

Not at junction	9
T-intersection	1
Total	10

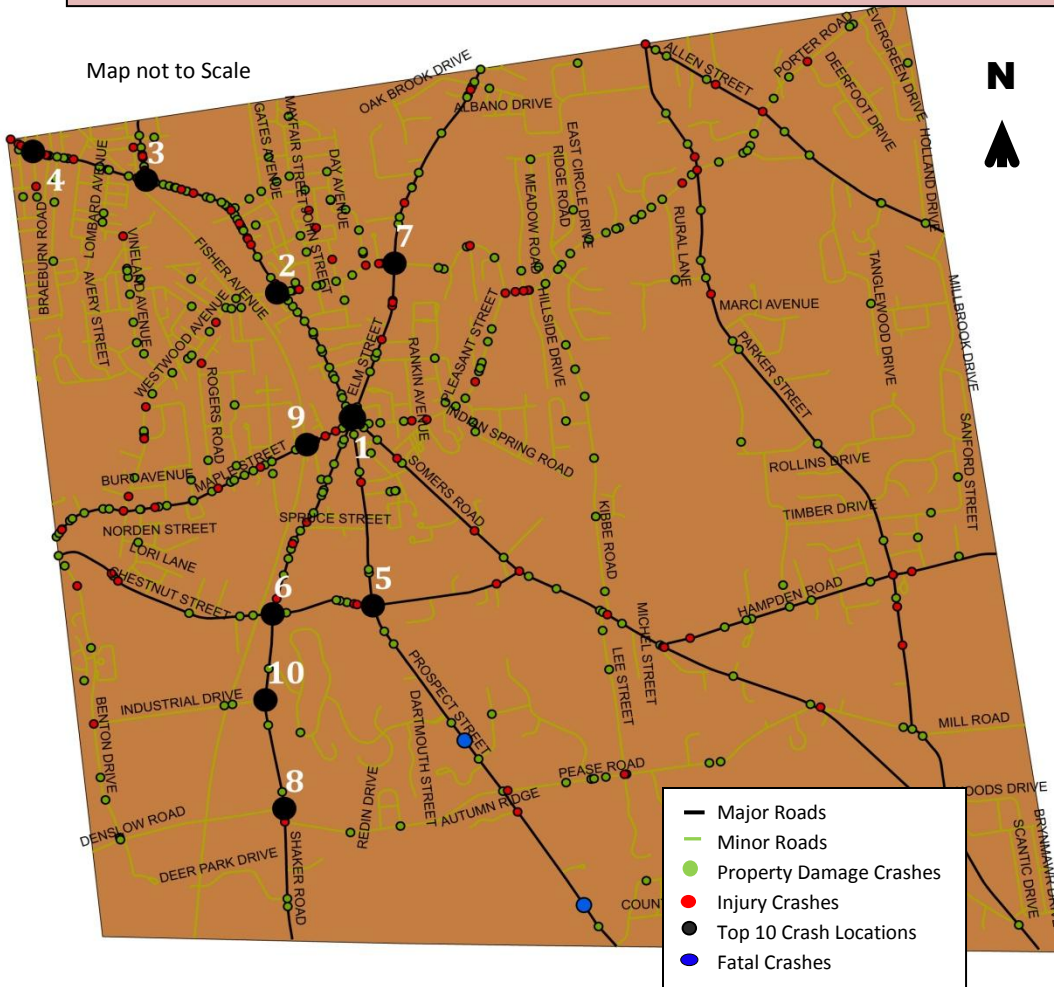
ROADWAY CLASSIFICATION

Rural or urban principal arterial	7
Urban minor arterial or rural major collector	1
Unknown	2
Total	10

Pioneer Valley SafetyCompass

EAST LONGMEADOW (2012 – 2014)

Map not to Scale



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	384	Angle	143	Fatal	1	Dry	292
		Head On	8	No injury	309	Ice	4
		Rear End	93	Non-fatal injury – I ^{\$}	3	Snow	8
		Side Swipe	27	Non-fatal injury – NC [^]	17	Wet	67
		Single Vehicle	109	Non-fatal injury – P [@]	34	Slush	4
		Not Reported	4	Not reported	20	Other	9
2013	384	Angle	129	Fatal	0	Dry	305
		Head On	7	No injury	309	Ice	6
		Rear End	120	Non-fatal injury – I ^{\$}	2	Snow	17
		Side Swipe	25	Non-fatal injury – NC [^]	20	Wet	44
		Single Vehicle	98	Non-fatal injury – P [@]	34	Slush	5
		Not Reported	5	Not reported	19	Other	7
2014	402	Angle	143	Fatal	1	Dry	297
		Head On	10	No injury	320	Ice	25
		Rear End	107	Non-fatal injury – I ^{\$}	0	Snow	13
		Side Swipe	34	Non-fatal injury – NC [^]	26	Wet	59
		Single Vehicle	99	Non-fatal injury – P [@]	34	Slush	3
		Not Reported	9	Not reported	21	Other	5
Total	1170	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	North Main Street,Somers Road,Shaker Road,Prospect Street,Maple Street,Pleasant Street,Elm Street	170	246	6	Shaker Road (Route 220) and Chestnut Street	21	29
2	North Main Street (Route 83), Mapleshade Avenue, and Westwood Avenue	66	106	7	Elm Street and Mapleshade Avenue	20	28
3	North Main Street (Route 83), Harkness Avenue, and Benjamin Street	41	73	8	Shaker Road (Route 220), Denslow Road, and Pease Road	12	28
4	North Main Street (Route 83), Granby Street, Rosemont Street, and Thompson Street	12	32	9	Maple Street, Maple Court, and Baldwin Street	13	25
5	Prospect Street (Route 186) and Chestnut Street	24	32	10	Shaker Road (Route 220) and Industrial Road	8	24

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 1170 crashes in the Town of East Longmeadow within the calendar years of 2012 to 2014.
- East Longmeadow reported 2 fatal crashes within this period both along Prospect Street (Route 186).
- Approximately 35% of the total crashes were angle collisions, followed by rear end (27%), and single vehicle (26%) type crashes.
- East Longmeadow experienced 18 non-motorist collisions within the analysis period none of which resulted in serious injuries.
- Speeding was observed to be the cause for almost 17% of all single vehicle crashes.

LOCATION OF CRASHES

Not at junction	563
T-intersection	255
Four-way intersection	141
Traffic circle	113
Driveway	55
Five-point or more	19
Y-intersection	18
Unknown	5
Off-ramp	1
Total	1170

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	429
Rural minor arterial or urban principal arterial	350
Urban collector or rural minor collector	153
Local	119
Unknown	119
Total	1170

TOTAL NON-MOTORIZED CRASHES

Pedalcyclist*	8
Pedestrian	7
Wheelchair	3
Total	18

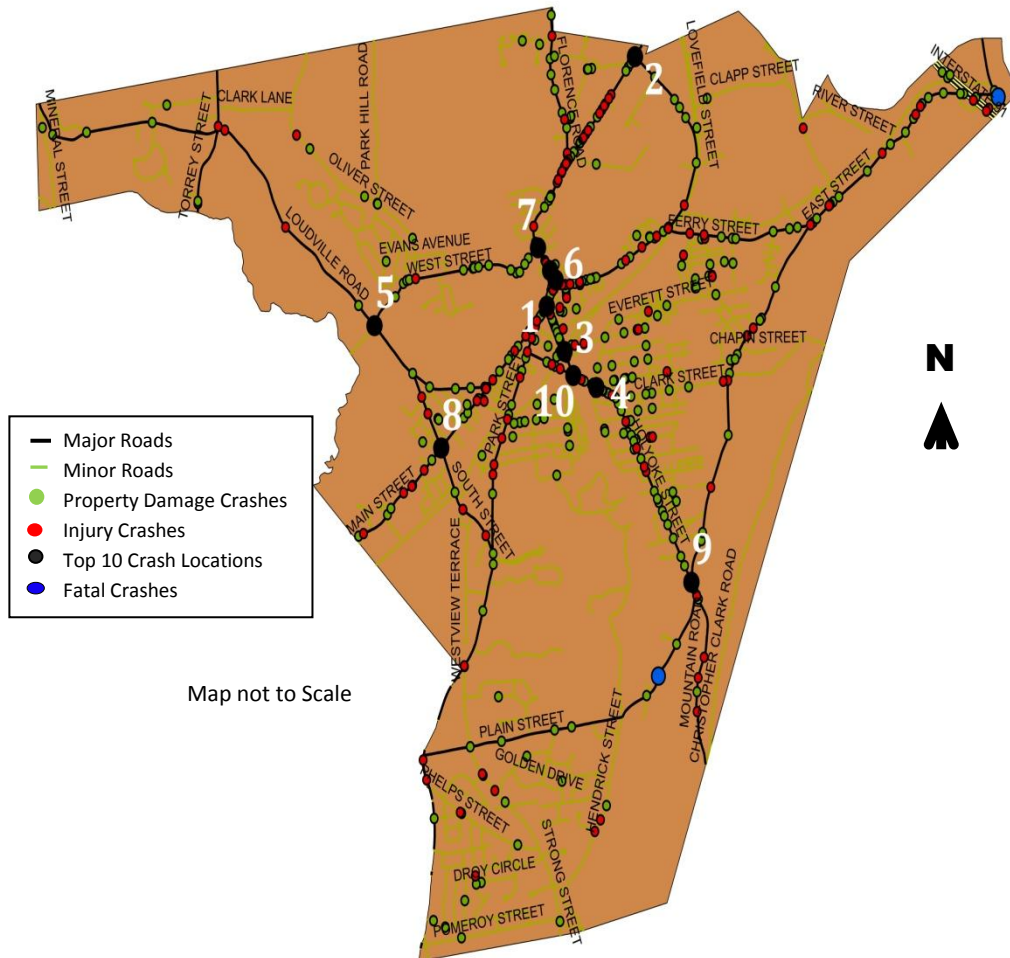
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	91
Driving too fast for conditions or speeding	52
Distracted, Emotional or Inattention	38
Unknown	37
Failure to keep in proper lane or running off road	25
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	17
Fatigue, Illness or Physical Impairment	14
Other improper action	11
Over correcting or over steering	6
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	6
Failed to yield right of way	5
Disregarded traffic signs, signals, road markings	1
Followed too closely	1
Made an improper turn	1
Operating defective equipment	1
Total	306

Pioneer Valley SafetyCompass

EASTHAMPTON (2012 – 2014)



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	303	Angle	96	Fatal	0	Dry	247
		Head On	3	No injury	223	Ice	3
		Rear End	100	Non-fatal injury – I ^{\$}	5	Snow	10
		Side Swipe	29	Non-fatal injury – NC [^]	44	Wet	38
		Single Vehicle	72	Non-fatal injury – P [@]	17	Slush	2
		Not Reported	3	Not reported	14	Other	3
2013	277	Angle	99	Fatal	1	Dry	207
		Head On	5	No injury	210	Ice	1
		Rear End	80	Non-fatal injury – I ^{\$}	3	Snow	9
		Side Swipe	33	Non-fatal injury – NC [^]	26	Wet	57
		Single Vehicle	54	Non-fatal injury – P [@]	22	Slush	0
		Not Reported	6	Not reported	15	Other	3
2014	293	Angle	94	Fatal	1	Dry	219
		Head On	10	No injury	211	Ice	6
		Rear End	90	Non-fatal injury – I ^{\$}	5	Snow	16
		Side Swipe	37	Non-fatal injury – NC [^]	34	Wet	50
		Single Vehicle	55	Non-fatal injury – P [@]	22	Slush	1
		Not Reported	7	Not reported	20	Other	1
Total	873	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Main Street (Route 10) and Union Street (Route 141)	39	55	6	Northampton Street and Lyman Avenue	14	34
2	Northampton Street (Route 10) and O'Neil Street	23	55	7	Northampton Street (Route 10), West Street, and Mill Street	16	32
3	Union Street (Route 141), Liberty Street, and Railroad Street	32	48	8	Main Street (Route 10) and South Street	15	31
4	Adams Street, Cottage Street, and Maple Street	25	41	9	Holyoke Street (Route 141) and East Street	14	30
5	Glendale Street, Loudville Road, West Street, and Pomeroy Meadow Road	10	38	10	Cottage Street, Union Street, Payson Avenue, and Williston Avenue	13	29

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 873 crashes in the City of Easthampton within the calendar years of 2012 to 2014.
- Easthampton reported 2 fatal crashes within this period. One of those occurred along North Street (Route 5) south of its intersection with Skymanski Avenue and the other one occurred along Hendrick Street south of its intersection with Brittany Lane.
- Approximately 30% of the total crashes in the Town occurred along Route 10.
- Approximately 33% of the total crashes were angle collisions, followed by rear end (31%), and single vehicle (20%) type crashes.
- Easthampton experienced 28 non-motorist collisions within the analysis period, 6 of which resulted in incapacitating injuries.

LOCATION OF CRASHES

Not at junction	527
T-intersection	186
Driveway	70
Four-way intersection	51
Y-intersection	19
Traffic circle	9
Unknown	9
Five-point or more	2
Total	873

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	360
Urban minor arterial or rural major collector	288
Local	143
Unknown	40
Urban collector or rural minor collector	29
Interstate	13
Total	873

TOTAL NON-MOTORIZED CRASHES

Pedestrian	12
Pedalcyclist*	16
Total	28

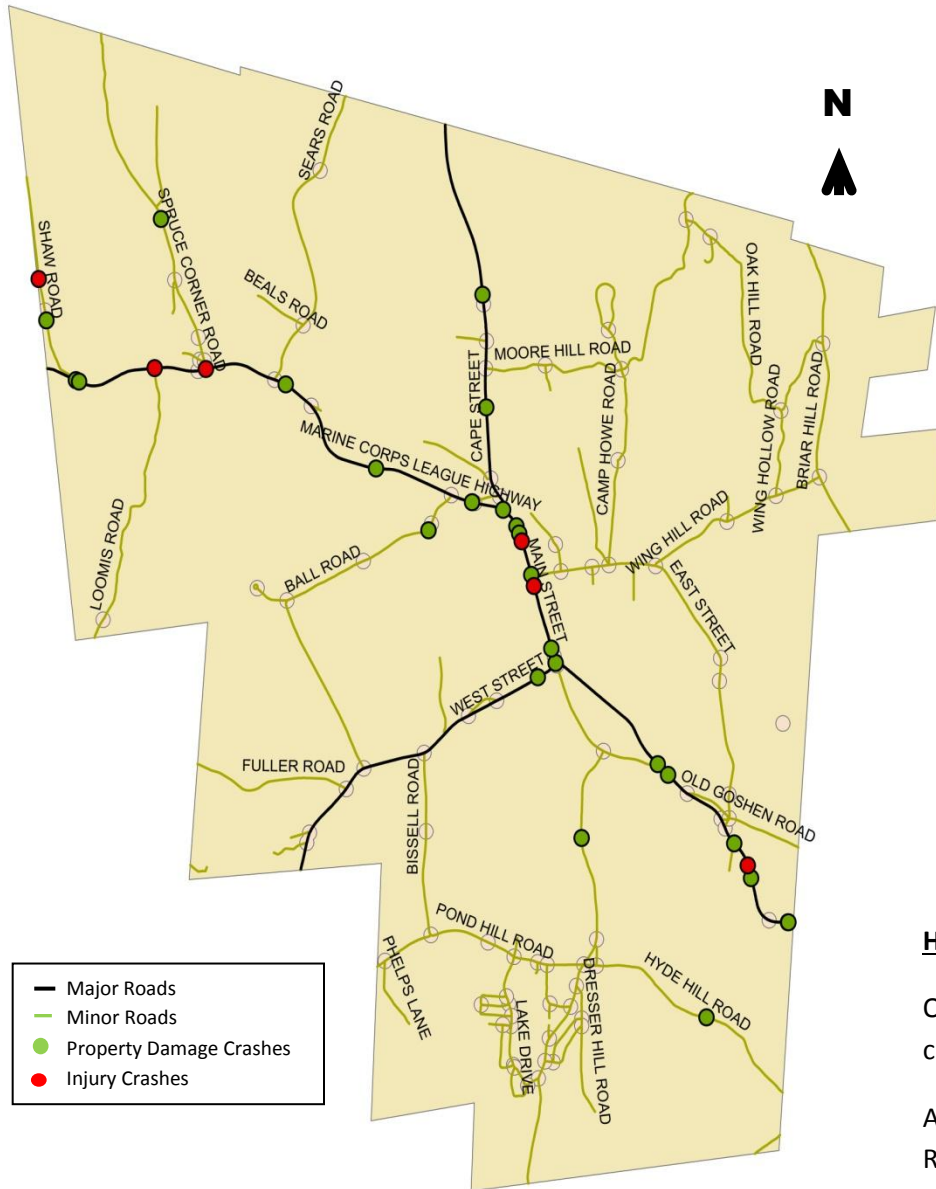
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	53
Distracted, Emotional or Inattention	40
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	19
Fatigue, Illness or Physical Impairment	17
Driving too fast for conditions or speeding	13
Unknown	12
Failure to keep in proper lane or running off road	11
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	5
Glare or obstructed visibility	5
Other improper action	4
Disregarded traffic signs, signals, road markings	1
Made an improper turn	1
Over correcting or over steering	1
Total	181

Pioneer Valley SafetyCompass

GOSHEN (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	14	Rear End 1	No injury 6	Dry 8	Clear 5
		Side Swipe 1	Non-fatal injury - NC^ 1	Ice 1	Cloudy 6
		Single Vehicle 12	Non-fatal Injury - P@ 6	Wet 3	Snow 1
			Not Reported 1	Snow 2	Other 2
2013	10	Rear End 2	No injury 8	Dry 2	Clear 3
		Single Vehicle 8	Not Reported 2	Sand 1	Cloudy 5
				Wet 3	Rain 1
				Snow 4	Snow 1
2014	18	Head On 2	No injury 16	Dry 9	Clear 8
		Rear End 1	Non-fatal injury - NC^ 1	Ice 1	Cloudy 7
		Single Vehicle 15		Snow 8	Snow 2
					NR* 1
Total	42	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			

HIGHLIGHTS:

Only 33 out of 42 reported crashes have been depicted on the map. The remaining 9 crashes did not have enough information to be able to locate them geographically.

All of the 6 known injury crashes that could be depicted occurred along Route 9 and Route 112.

KEY FINDINGS:

- The Town of Goshen experienced a total of 42 crashes within the calendar years of 2012 to 2014.
- More than 20% of the total crashes involved vehicles that failed to stay in the proper lane or ran off the road.
- More than 83% (35 out of 42) of the total crashes are single vehicle collisions with other objects.
- There was a pedestrian crash reported in the Town in the year 2014 which resulted in a non incapacitating injury.
- Half of the crashes occurred during the hours of darkness.
- Collisions of motor vehicles with trees, guardrails, and ditches resulted in a total of 18 crashes.

FIRST HARMFUL EVENT

Collision with tree	7
Collision with guardrail	6
Collision with ditch	5
Collision with motor vehicle in traffic	5
Collision with embankment	4
Collision with other post/support	4
Collision with utility pole	4
Collision with animal - deer	3
Collision with animal - other	2
Collision with other	1
Collision with pedestrian	1
Total	42

DRIVER CONTRIBUTION CODES

No improper driving	17
Failure to keep in proper lane or running off road	9
Driving too fast for conditions	5
Unknown	4
Swerving or avoiding due to wind, slippery surface, etc	3
Fatigued/asleep	2
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	1
Over-correcting/over-steering	1
Total	42

AMBIENT LIGHT

Daylight	21
Dark - roadway not lighted	16
Dark - lighted roadway	3
Dusk	2
Total	42

LOCATION OF CRASHES

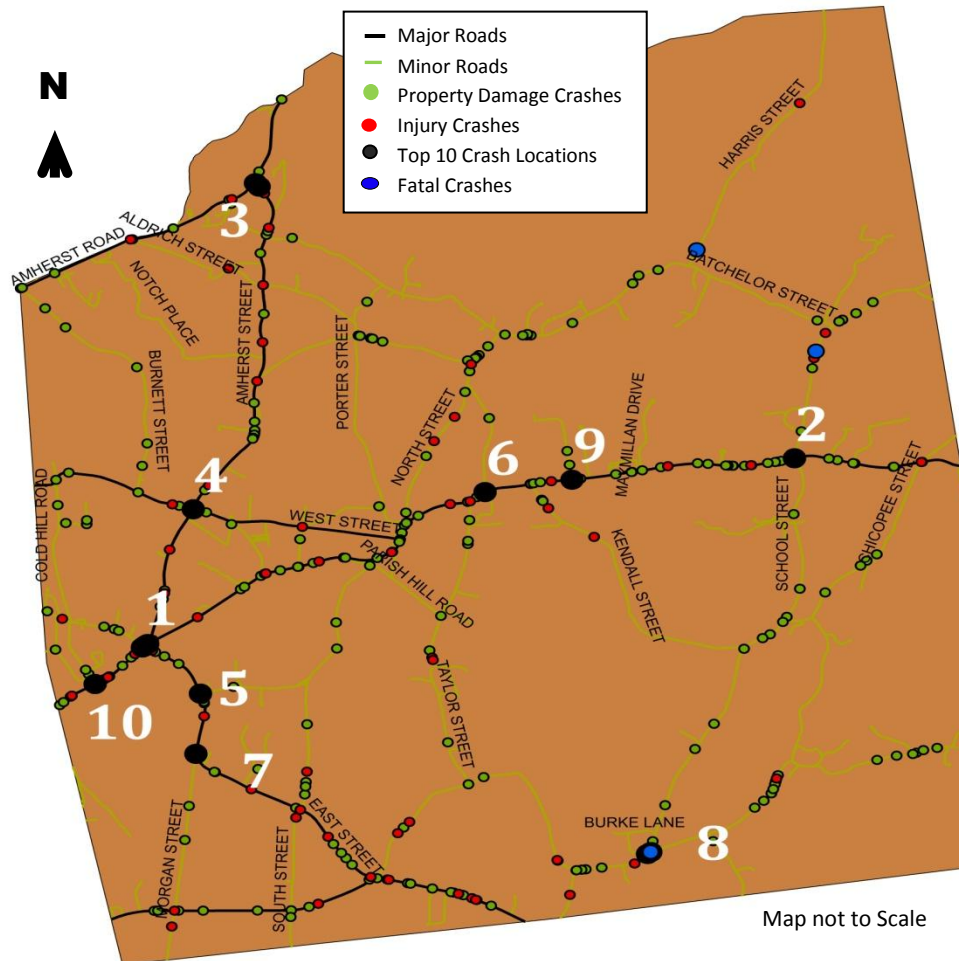
Not at junction	34
T-intersection	5
Not reported	2
Y-intersection	1
Total	42

ROADWAY CLASSIFICATION

Local	6
Rural or urban principal arterial	21
Urban collector or rural minor collector	1
Urban minor arterial or rural major collector	4
Unknown	10
Total	42

Pioneer Valley SafetyCompass

GRANBY (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	166	Angle	21	Fatal	1	Dry	120
		Head On	2	No injury	117	Ice	6
		Rear End	36	Non-fatal injury – I ^{\$}	3	Snow	9
		Side Swipe	20	Non-fatal injury – NC [^]	24	Wet	30
		Single Vehicle	81	Non-fatal injury – P [@]	10	Slush	1
		Not Reported	6	Not reported	11	Other	0
2013	168	Angle	25	Fatal	1	Dry	119
		Head On	10	No injury	125	Ice	5
		Rear End	33	Non-fatal injury – I ^{\$}	0	Snow	16
		Side Swipe	17	Non-fatal injury – NC [^]	26	Wet	24
		Single Vehicle	79	Non-fatal injury – P [@]	10	Slush	3
		Not Reported	4	Not reported	6	Other	1
2014	154	Angle	30	Fatal	1	Dry	108
		Head On	3	No injury	122	Ice	8
		Rear End	37	Non-fatal injury – I ^{\$}	2	Snow	12
		Side Swipe	11	Non-fatal injury – NC [^]	15	Wet	21
		Single Vehicle	73	Non-fatal injury – P [@]	9	Slush	2
		Not Reported	0	Not reported	5	Other	3
Total	488	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	West State Street (Route 202), Pleasant Street, and Amherst Street	56	96	6	East State Street (Route 202) and Lyman Street	8	16
2	East State Street (Route 202) and School Street	14	30	7	Pleasant Street, East Street, and Morgan Street	4	16
3	Amherst Road (Route 116) and Amherst Street	12	28	8	Chicopee Street, Carver Street, and Meadow Glen Drive	5	14
4	Amherst Street and West Street	8	24	9	East State Street (Route 202) and Green Meadow Lane	5	13
5	Pleasant Street and Barton Street	5	17	10	West State Street (Route 202) and High Street	5	13

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 488 crashes in the Town of Granby within the calendar years of 2012 to 2014.
- Granby reported 3 fatal crashes within this period.
- Approximately 40% of the total crashes (193 out of 488) occurred along Route 202.
- Approximately 48% of the total crashes were single vehicle crashes, followed by rear end (22%), and angle (16%) type crashes.
- Granby experienced 3 pedestrian collisions within the analysis period, one of which resulted in a fatality.

LOCATION OF CRASHES

Not at junction	333
T-intersection	56
Four-way intersection	55
Driveway	24
Y-intersection	14
Five-point or more	3
Unknown	3
Total	488

AMBIENT LIGHT

Daylight	316
Dark - roadway not lighted	78
Dark - lighted roadway	61
Dusk	15
Dawn	11
Other	4
Dark - unknown lighting	2
Unknown	1
Total	488

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

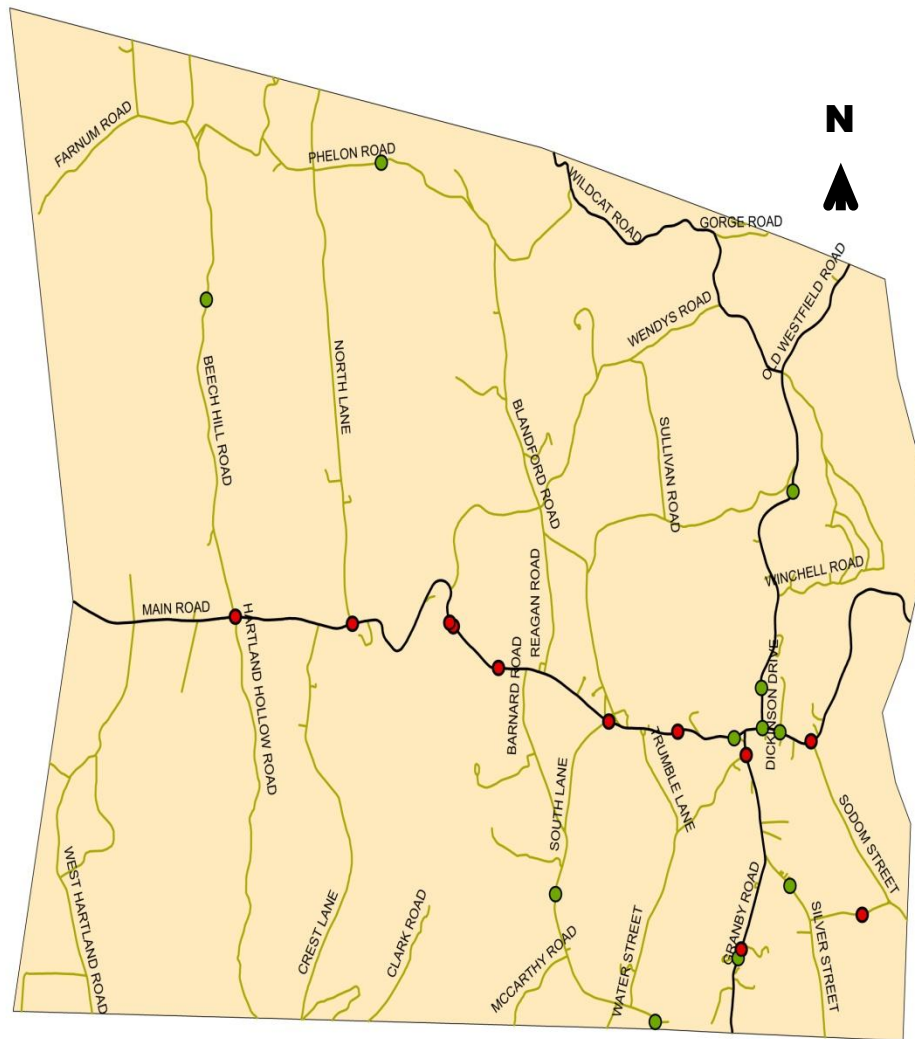
No improper driving	87
Distracted, Emotional or Inattention	39
Driving too fast for conditions or speeding	27
Fatigue, Illness or Physical Impairment	17
Unknown	16
Failure to keep in proper lane or running off road	12
Over correcting or over steering	11
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	11
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	9
Other improper action	3
Glare or obstructed visibility	1
Total	233

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	199
Urban minor arterial or rural major collector	116
Urban collector or rural minor collector	85
Local	67
Unknown	21
Total	488

Pioneer Valley SafetyCompass

GRANVILLE (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	12	Side Swipe 1	No injury 6	Dry 8	Clear 6
		Single Vehicle 11	Non-fatal injury - I ^{\$} 1	Ice 3	Cloudy 4
			Non-fatal injury - NC [^] 3	Wet 1	Snow 1
			Not Reported 2		Other 1
2013	10	Rear End 2	No injury 6	Dry 4	Clear 3
		Single Vehicle 8	Non-fatal injury - I ^{\$} 1	Sand 1	Cloudy 2
			Non-fatal injury - NC [^] 2	Wet 2	NR* 2
			Non-fatal Injury - P [@] 1	Snow 2	Rain 2
				Other 1	Snow 1
2014	9	Angle 1	No injury 6	Dry 2	Clear 3
		Side Swipe 1	Non-fatal injury - I ^{\$} 1	Slush 2	Cloudy 1
		Single Vehicle 7	Non-fatal Injury - P [@] 2	Snow 1	Other 2
				Wet 4	Rain 2
Total	31	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			

HIGHLIGHTS

Only 24 out of the 31 reported crashes in the Town have been depicted in the Map as 6 reported crashes did not have enough information to be able to plot them geographically.

A total of 13 out of the 24 mapped crashes occurred along Main Road (Route 57) and 3 crashes occurred along Granby Road (Route 189).

KEY FINDINGS:

- The Town of Granville experienced a total of 31 crashes within the calendar years of 2012 to 2014.
- More than 25% of the total crashes occurred due to drivers driving too fast for conditions
- More than 80% (26 out of 31) of the total crashes are single vehicle collisions with other objects.
- More than half of the crashes occurred during the hours of darkness.
- Collisions of motor vehicles with ditches, trees, and embankments have resulted in a total of 14 crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	5
Collision with ditch	5
Collision with tree	5
Collision with embankment	4
Collision with animal - deer	2
Collision with animal - other	2
Collision with guardrail	2
Collision with post/support	2
Collision with other	2
Collision with other movable object	1
Collision with unknown fixed object	1
Total	31

DRIVER CONTRIBUTION CODES

No improper driving	9
Driving too fast for conditions	8
Unknown	4
Failure to keep in proper lane or running off road	3
Swerving or avoiding due to wind, slippery surface, object, etc	2
Exceeded authorized speed limit	1
Failed to yield right of way	1
Fatigued/asleep	1
Inattention	1
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	1
Total	31

AMBIENT LIGHT

Daylight	15
Dark - roadway not lighted	12
Dark - lighted roadway	2
Dawn	2
Total	31

LOCATION OF CRASHES

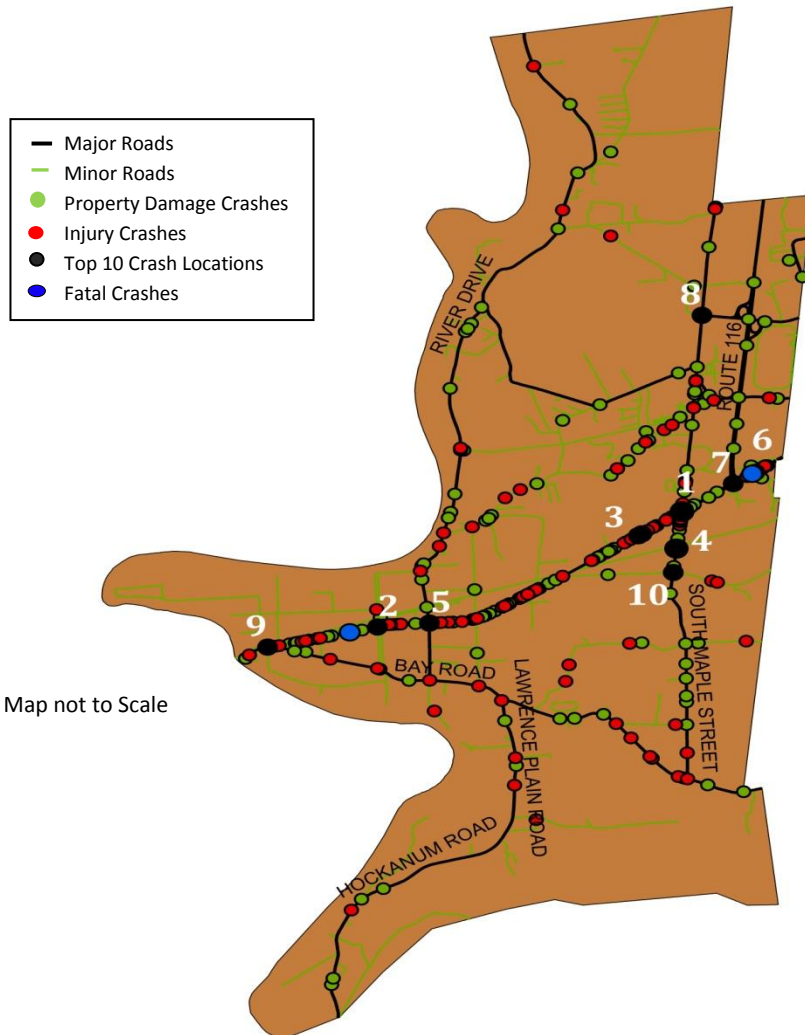
Not at junction	25
T-intersection	4
Not reported	1
Y-intersection	1
Total	31

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	13
Local	6
Urban minor arterial or rural major collector	5
Unknown	5
Total	31

Pioneer Valley SafetyCompass

HADLEY (2012 – 2014)



Year	Total	Manner of Collision		Severity		Roadway	
2012	290	Angle	68	Fatal	1	Dry	224
		Head On	5	No injury	213	Ice	5
		Rear End	128	Non-fatal injury – I ^{\$}	6	Snow	9
		Side Swipe	30	Non-fatal injury – NC [^]	54	Wet	46
		Single Vehicle	54	Non-fatal injury – P [@]	12	Slush	2
		Not Reported	5	Not reported	4	Other	4
2013	267	Angle	61	Fatal	0	Dry	214
		Head On	8	No injury	200	Ice	3
		Rear End	105	Non-fatal injury – I ^{\$}	8	Snow	8
		Side Swipe	37	Non-fatal injury – NC [^]	36	Wet	36
		Single Vehicle	53	Non-fatal injury – P [@]	18	Slush	2
		Not Reported	3	Not reported	5	Other	4
2014	263	Angle	65	Fatal	1	Dry	189
		Head On	9	No injury	216	Ice	4
		Rear End	97	Non-fatal injury – I ^{\$}	8	Snow	15
		Side Swipe	41	Non-fatal injury – NC [^]	21	Wet	50
		Single Vehicle	48	Non-fatal injury – P [@]	10	Sand	4
		Not Reported	3	Not reported	7	Other	1
Total	820	^ Non Incapacitating @ Possible \$ Incapacitating					

TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Russell Street (Route 9), North Maple Street, and South Maple Street	53	89	6	Russell Street, Greenleaves Drive, and Campus Plaza Parking Driveway	14	35
2	Russell Street (Route 9) and West Street	30	58	7	Russell Street (Route 9) and Route 116	17	29
3	Russell Street in the vicinity of Mountain Farms Mall	29	45	8	North Maple Street, Roosevelt Street, and North Hadley Road	13	29
4	South Maple Street in the vicinity of Hampshire Mall and Mountain Farms Mall	17	41	9	Russell Street (Route 9) and Aqua Vitae Road	7	27
5	Russell Street (Route 9) and Middle Street	19	39	10	South Maple Street and Mill Valley Road	13	25

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 820 crashes in the Town of Hadley within the calendar years of 2012 to 2014.
- Hadley reported 2 fatal crashes within this period.
- Almost 60% of the total crashes occurred along Route 9.
- The number of total crashes reduced each year within the analysis period.
- Approximately 40% of the total crashes were rear end collisions, followed by angle (24%), and single vehicle (19%) type crashes.
- Hadley experienced 9 non-motorist collisions within the analysis period all of them involved a Pedalcyclist*.

LOCATION OF CRASHES

Not at junction	507
Four-way intersection	180
T-intersection	106
Driveway	8
Y-intersection	6
Off-ramp	5
On-ramp	3
Five-point or more	2
Not reported	3
Total	820

ROADWAY CLASSIFICATION

Rural or urban principal arterial	444
Urban minor arterial or rural major collector	179
Unknown	90
Rural minor arterial or urban principal arterial	42
Urban collector or rural minor collector	37
Local	28
Total	820

TOTAL NON-MOTORIZED CRASHES

Pedalcyclist*	9
Total	9

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

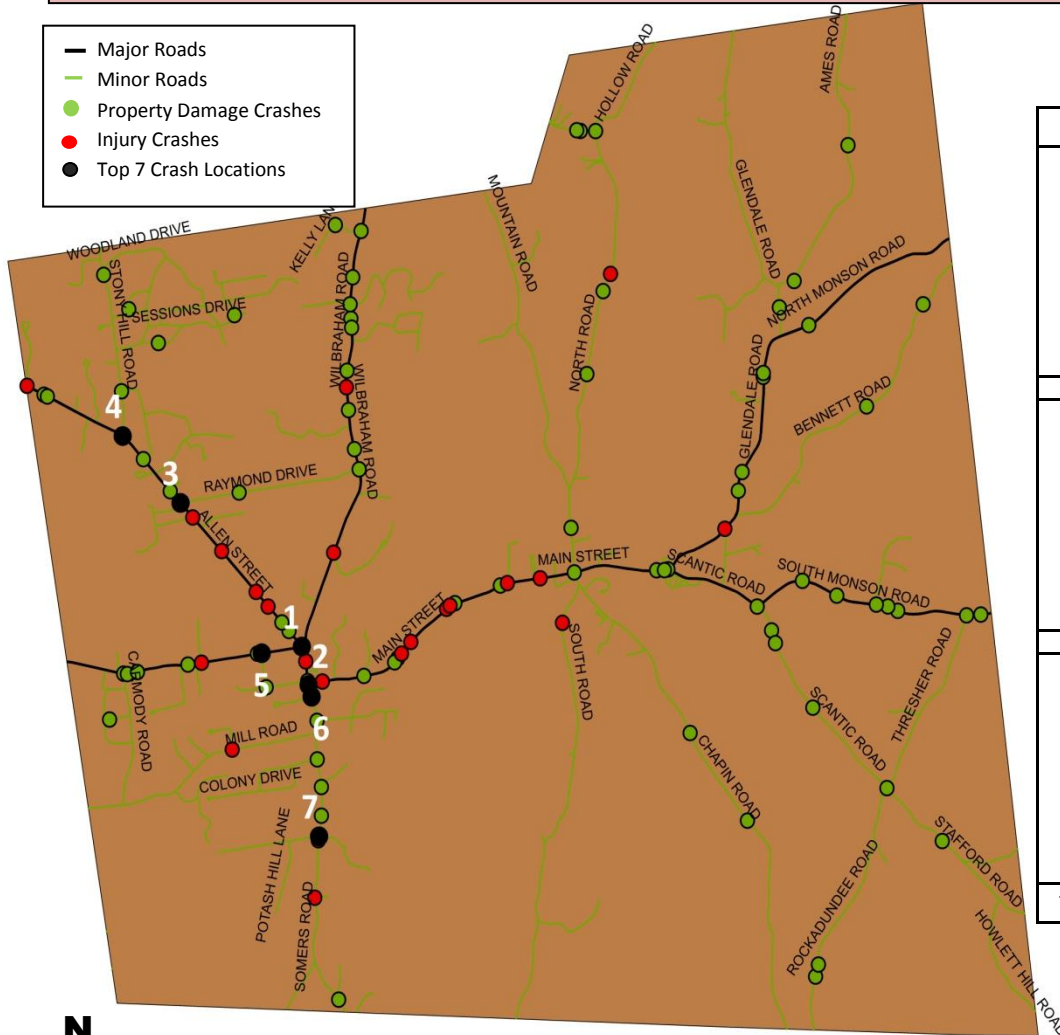
DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

Driving too fast for conditions or speeding	34
Distracted, Emotional or Inattention	31
No improper driving	29
Unknown	15
Fatigue, Illness or Physical Impairment	12
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	9
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	7
Failed to yield right of way	5
Failure to keep in proper lane or running off road	3
Over correcting or over steering	3
Other improper action	2
Wrong side of the road	2
Disregarded traffic signs, signals, road markings	1
Operating defective equipment	1
Glare or obstructed visibility	1
Total	155

Pioneer Valley SafetyCompass

HAMPDEN (2012 – 2014)

- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top 7 Crash Locations



N



Map not to Scale

TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	37	Angle	4	Fatal	0	Dry	30
		Head On	1	No injury	32	Ice	0
		Rear End	4	Non-fatal injury – I ^{\$}	0	Snow	2
		Side Swipe	3	Non-fatal injury – NC [^]	3	Wet	4
		Single	25	Non-fatal injury – P [@]	2	Sand	1
		Not	0	Not reported	0	Other	0
2013	68	Angle	10	Fatal	0	Dry	49
		Head On	2	No injury	50	Ice	2
		Rear End	1	Non-fatal injury – I ^{\$}	0	Snow	5
		Side Swipe	7	Non-fatal injury – NC [^]	7	Wet	10
		Single	45	Non-fatal injury – P [@]	8	Sand	1
		Not	3	Not reported	3	Other	1
2014	59	Angle	8	Fatal	0	Dry	42
		Head On	1	No injury	48	Ice	1
		Rear End	9	Non-fatal injury – I ^{\$}	2	Snow	7
		Side Swipe	1	Non-fatal injury – NC [^]	5	Wet	8
		Single	39	Non-fatal injury – P [@]	4	Sand	1
		Not	1	Not reported	0	Other	0
Total	164	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Allen Street, East Longmeadow Road, Somers Road, and Wilbraham Road	10	18	5	East Longmeadow Road and Cedar Oak Lane	2	6
2	Main Street, Somers Road, and Meadowbrook Lane	7	11	6	Somers Road and Spring Meadow Lane	2	6
3	Allen Street and Raymond Drive	3	7	7	Somers Road and Martin Farms Road	2	6
4	Allen Street and Stony Hill Road	7	7	All other locations have a single crash reported within the analysis period			

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 164 crashes in the Town of Hampden within the calendar years of 2012 to 2014.
- A total of 4 non-motorized occurred in the Town within this period. These crashes did not result in a fatality or incapacitating injury.
- More than 66% of the total crashes were single vehicle type.
- There is a large increase in the number of crashes in 2013 and 2014, from the year 2012.
- Nearly 10% of the single vehicle crashes occurred because of distracted driving.

LOCATION OF CRASHES

Not at junction	127
T-intersection	21
Four-way intersection	12
Driveway	2
Y-intersection	2
Total	164

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	93
Local	34
Unknown	19
Urban collector or rural minor collector	18
Total	164

TOTAL NON-MOTORIZED CRASHES

Pedalcyclist*	3
Pedestrian	1
Total	4

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

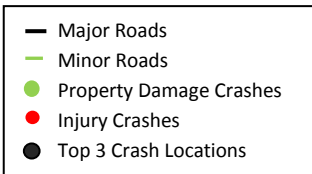
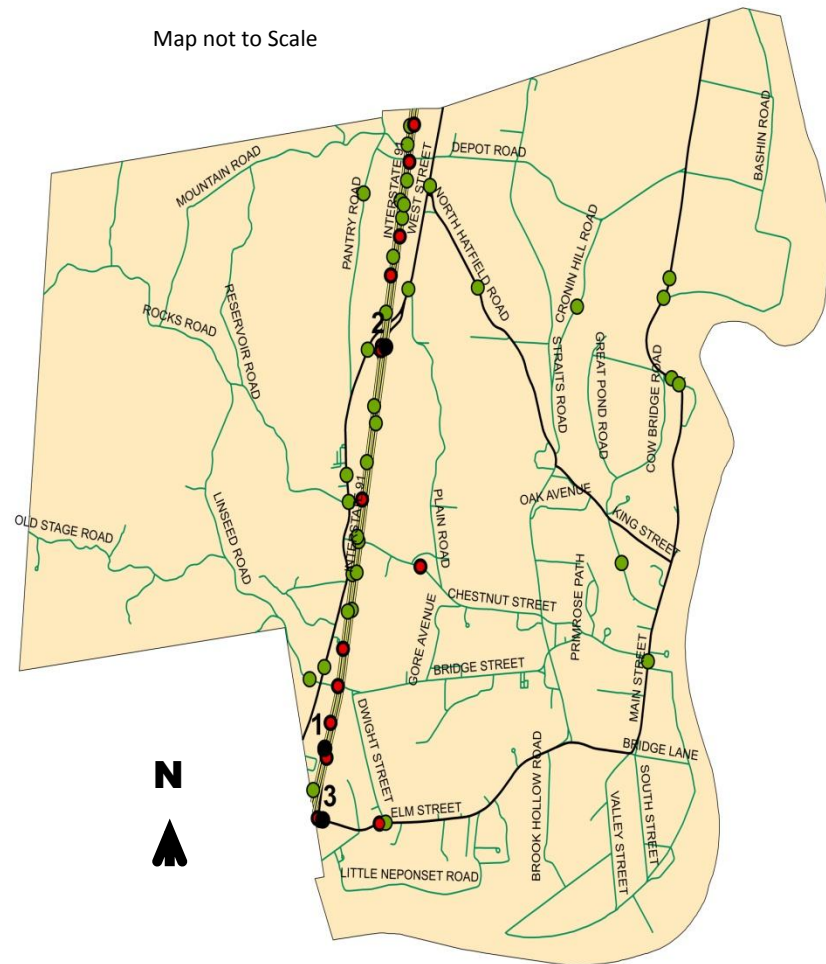
DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	51
Distracted, Emotional or Inattention	11
Driving too fast for conditions or speeding	10
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	10
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	8
Unknown	8
Fatigue, Illness or Physical Impairment	5
Failure to keep in proper lane or running off road	4
Other improper action	1
Glare or obstructed visibility	1
Total	109

Pioneer Valley SafetyCompass

HATFIELD (2012 – 2014)

Map not to Scale



TOWN CRASH PROFILE

	Total	Manner of Collision		Severity		Roadway		Weather	
2012	29	Angle	0	Fatal Injury	0	Dry	22	Clear	17
		Head On	0	No injury	2	Ice	2	Cloudy	1
		Rear End	4	Non-fatal injury - I ^S	0	Snow	2	Snow	2
		Side Swipe	2	Non-fatal injury - NC [^]	2	Wet	2	Rain	1
		Single Vehicle	23	Non-fatal Injury - P [@]	4	Sand	0	NR*	5
		Not Reported	0	Not Reported	1	Other	1	Other	3
2013	25	Angle	0	Fatal Injury	0	Dry	13	Clear	9
		Head On	0	No injury	19	Ice	3	Cloudy	8
		Rear End	6	Non-fatal injury - I ^S	0	Sand	4	NR*	3
		Side Swipe	4	Non-fatal injury - NC [^]	1	Wet	4	Snow	3
		Single Vehicle	15	Non-fatal Injury - P [@]	3	Snow	0	Sleet	2
		Not Reported	0	Not Reported	2	Other	1		
2014	23	Angle	1	Fatal Injury	0	Dry	17	Clear	14
		Head On	0	No injury	16	Ice	0	Cloudy	2
		Rear End	3	Non-fatal injury - I ^S	2	Sand	0	NR*	1
		Side Swipe	1	Non-fatal injury - NC [^]	2	Snow	4	Rain	0
		Single Vehicle	17	Non-fatal Injury - P [@]	3	Wet	0	Snow	5
		Not Reported	1	Not Reported	0	Other	2	Sleet	1
Total	77	^ Non Incapacitating		@ Possible	\$ Incapacitating	* Not Reported			

TOP CRASH LOCATIONS IN TOWN:

1. Interstate I-91 southbound in the vicinity of Exit 21 (Total Crashes – 6, EPDO* - 14)
2. Interstate I-91 northbound in the vicinity of Exit 22 (Total Crashes – 5, EPDO* - 9)
3. The Intersection of the interstate I-91 Exit 21 ramps and Elm Street (Total Crashes – 2, EPDO* - 6)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Hatfield experienced a total of 77 crashes within the calendar years of 2012 to 2014.
- An overwhelming majority of these crashes (60 out of 77) occurred along Interstate I-91 and its ramps.
- More than 70% of the crashes were single vehicle type.
- Driving too fast for conditions or speeding was reported as a contributing factor for 20% of the single vehicle crashes.
- In 2013 a crash was reported between a motor vehicle and a wheelchair, however, this incident did not lead to any injuries.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	22
Collision with animal	13
Collision with guardrail	8
Collision with utility pole	6
Collision with ditch	5
Overturn/rollover	5
Collision with other	4
Collision with tree	4
Collision with embankment	2
Collision with bridge	1
Collision with curb	1
Collision with median barrier	1
Collision with other movable object	1
Collision with parked motor vehicle	1
Unknown	3
Total	77

ROADWAY CLASSIFICATION

Interstate	54
Urban minor arterial or rural major collector	16
Local	6
Unknown	1
Total	77

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	18
Driving too fast for conditions or speeding	11
Failure to keep in proper lane or running off road	7
Fatigue, Illness or Physical Impairment	5
Distracted, Emotional or Inattention	3
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	3
Unknown	3
Made an improper turn	2
Followed too closely	1
Other improper action	1
Over correcting or over steering	1
Total	55

LOCATION OF CRASHES

Not at junction	67
T-intersection	4
On-ramp	3
Off-ramp	2
Driveway	1
Total	77

AMBIENT LIGHT

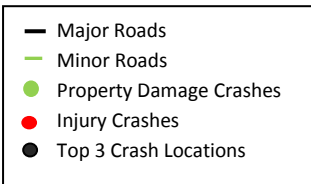
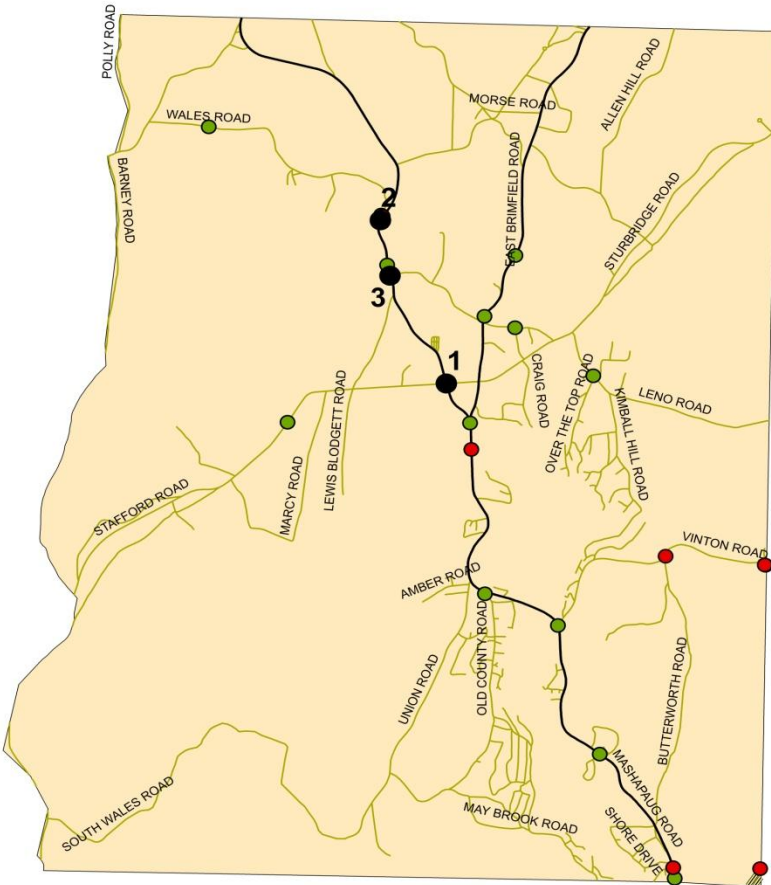
Daylight	40
Dark - roadway not lighted	28
Dark - lighted roadway	4
Dusk	4
Dawn	1
Total	77

Pioneer Valley SafetyCompass

HOLLAND (2012 – 2014)

TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	9	Angle 1	No injury 5	Dry 5	Clear 5
		Side Swipe 2	Non-fatal injury - NC^ 1	Ice 1	Cloudy 1
		Single Vehicle 6	Non-fatal Injury - P@ 0	Snow 1	Rain 1
			Not Reported 3	Wet 2	Other 1
					NR* 1
2013	10	Angle 3	No injury 6	Dry 9	Clear 10
		Head On 1	Non-fatal injury - NC^ 1	Wet 1	
		Rear End 0	Non-fatal Injury - P@ 3		
		Side Swipe 2	Not Reported 0		
		Single Vehicle 4			
2014	9	Angle 1	No injury 4	Dry 5	Clear 5
		Side Swipe 1	Non-fatal injury - NC^ 3	Ice 2	Cloudy 2
		Single Vehicle 7	Non-fatal Injury - P@ 2	Wet 2	Rain 1
			Not Reported 0		Other 0
					NR* 1
Total	28	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			



Map not to Scale

TOP CRASH LOCATIONS IN TOWN:

1. The Intersection of Brimfield Road, Mashapaug Road, Stafford Road, and Sturbridge Road
(Total Crashes – 4, EPDO* - 12)
2. The Intersection of Brimfield Road and Wales Road
(Total Crashes – 3, EPDO* - 7)
3. The Intersection of Brimfield Road and Dug Hill Road
(Total Crashes – 2, EPDO* - 6)

KEY FINDINGS:

- The Town of Holland experienced a total of 28 crashes within the calendar years of 2012 to 2014.
- Nearly 60% of the crashes were single vehicle type.
- Half of the total crashes occurred during the hours of darkness.
- Collisions of motor vehicles with trees, deer, and utility poles resulted in 11 crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	12
Collision with tree	5
Collision with animal - deer	4
Collision with utility pole	2
Collision with curb	1
Collision with ditch	1
Collision with embankment	1
Collision with guardrail	1
Overturn/rollover	1
Total	28

AMBIENT LIGHT

Dark - roadway not lighted	10
Daylight	10
Dark - lighted roadway	3
Dawn	3
Dark - unknown roadway lighting	1
Dusk	1
Total	28

DRIVER CONTRIBUTION CODES

No improper driving	6
Unknown	4
Failed to yield right of way	3
Failure to keep in proper lane or running off road	3
Disregarded traffic signs, signals, road markings	2
Driving too fast for conditions or speeding	2
Fatigue, Illness or Physical Impairment	2
Distracted or Inattention	1
Other improper action	1
Over correcting or over steering	1
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	1
Glare or obstructed visibility	1
Wrong side of the road	1
Total	28

LOCATION OF CRASHES

Not at junction	17
T-intersection	5
Four-way intersection	4
Y-intersection	2
Total	28

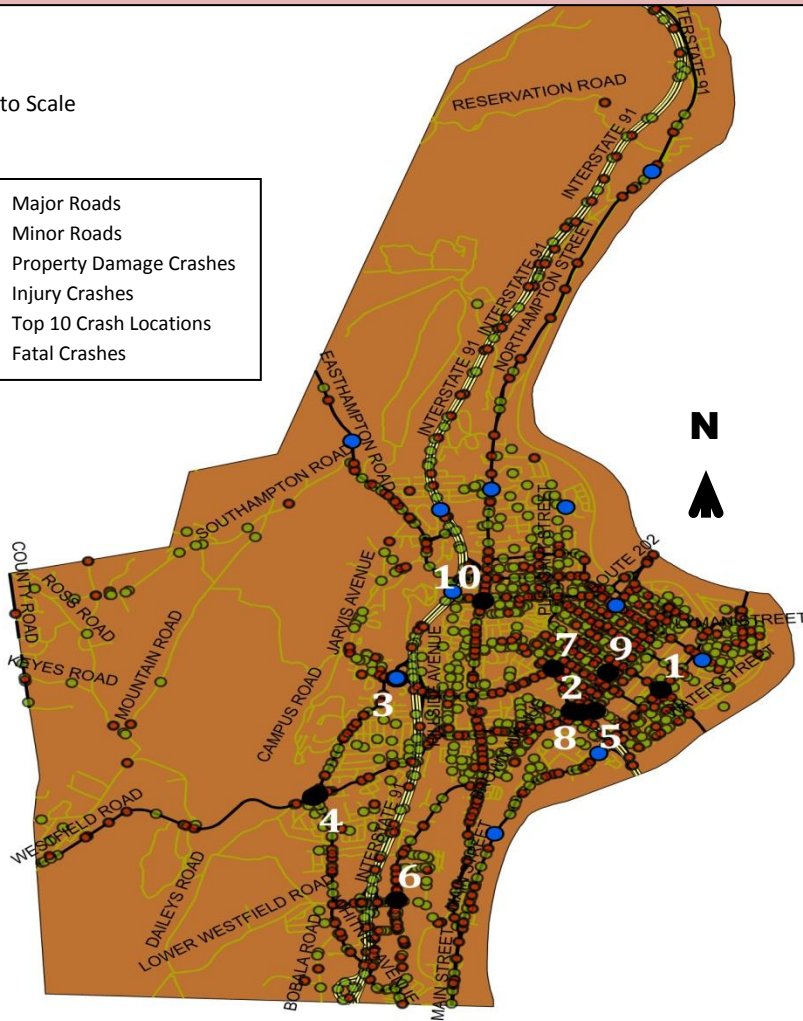
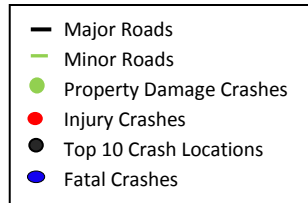
ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	16
Local	7
Unknown	4
Urban collector or rural minor collector	1
Total	28

Pioneer Valley SafetyCompass

HOLYOKE (2012 – 2014)

Map not to Scale



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	1636	Angle	578	Fatal	2	Dry	1263
		Head On	46	No injury	997	Ice	15
		Rear End	439	Non-fatal injury – I ^{\$}	23	Snow	59
		Side Swipe	244	Non-fatal injury – NC [^]	128	Wet	269
		Single Vehicle	258	Non-fatal injury – P [@]	250	Slush	7
		Not Reported	71	Not reported	236	Other	23
2013	1673	Angle	630	Fatal	5	Dry	1241
		Head On	50	No injury	1055	Ice	50
		Rear End	449	Non-fatal injury – I ^{\$}	27	Snow	96
		Side Swipe	242	Non-fatal injury – NC [^]	99	Wet	271
		Single Vehicle	261	Non-fatal injury – P [@]	270	Slush	5
		Not Reported	41	Not reported	217	Other	10
2014	1707	Angle	606	Fatal	4	Dry	1222
		Head On	51	No injury	1111	Ice	76
		Rear End	498	Non-fatal injury – I ^{\$}	27	Snow	94
		Side Swipe	249	Non-fatal injury – NC [^]	91	Wet	301
		Single Vehicle	259	Non-fatal injury – P [@]	273	Slush	5
		Not Reported	44	Not reported	201	Other	9
Total	5016	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Cabot Street and Main Street	57	129	6	Holyoke Street, Lower Westfield Road, and Whiting Farms Road	46	94
2	Maple Street and Resnic Boulevard	46	106	7	Beech Street, Resnic Boulevard, and West Franklin Street	58	94
3	Interstate I-91 Exit 16 off ramp, Cherry Street, and Fair View Street	40	101	8	Interstate 391 off ramp, High Street, and Resnic Boulevard	40	92
4	Westfield Road and Homestead Avenue	52	100	9	Maple Street and Hampshire Street	33	89
5	Jackson Street and Commercial Street	32	96	10	Easthampton Road, Northampton Street, and Dwight Street	52	88

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 5,016 crashes in the City of Holyoke within the calendar years of 2012 to 2014.
- The total number of reported crashes was observed to be increasing every year within the analysis period.
- A total of 11 fatal crashes occurred in the City within this period. Over 36% of all crashes resulted in an injury.
- Approximately 36% of the total crashes were angle type, followed by rear end (28%), and single vehicle (15%) type crashes.
- Holyoke experienced 141 non-motorist collisions within the analysis period which resulted in 18 incapacitating injuries.
- Approximately 9% of the total crashes occurred along Interstates I-91 or I-391.
- Approximately 24% of all the total crashes occurred at a four-way intersection.

LOCATION OF CRASHES

Not at junction	2629
Four-way intersection	1207
T-intersection	738
Off-ramp	101
Y-intersection	88
Driveway	81
On-ramp	73
Unknown	71
Traffic circle	14
Not reported	10
Five-point or more	3
Railway grade crossing	1
Total	5016

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	1511
Rural minor arterial or urban principal arterial	1502
Local	894
Interstate	451
Urban collector or rural minor collector	379
Unknown	279
Total	5016

TOTAL NON-MOTORIZED CRASHES

Pedestrian	81
Pedalcyclist*	51
Other	9
Total	141

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

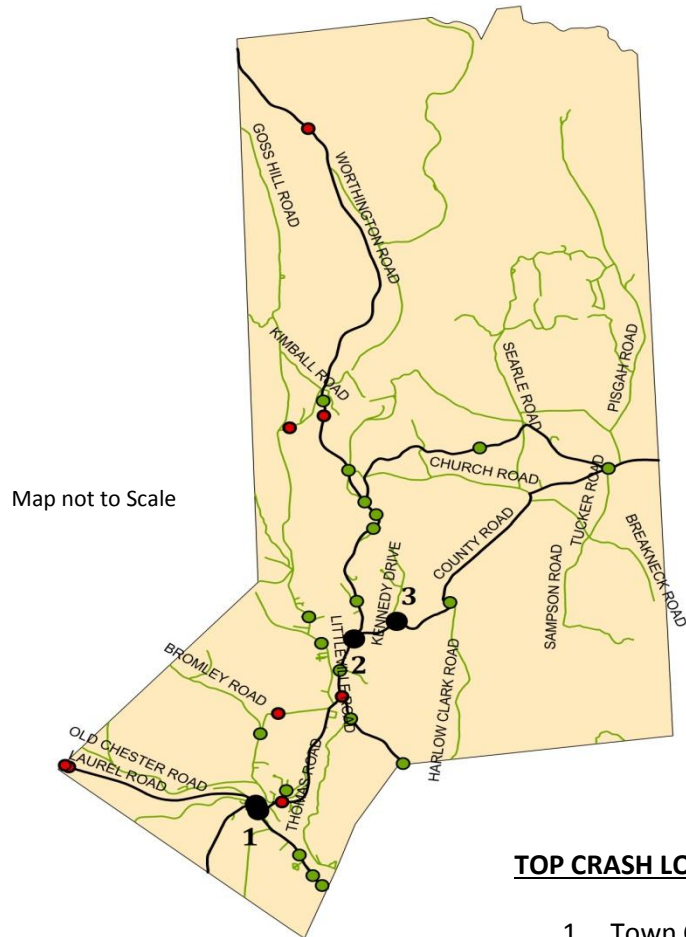
DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	229
Unknown	153
Driving too fast for conditions or speeding	84
Distracted, Emotional or Inattention	71
Failure to keep in proper lane or running off road	60
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	44
Fatigue, Illness or Physical Impairment	34
Over correcting or over steering	28
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	23
Disregarded traffic signs, signals, road markings	14
Failed to yield right of way	9
Operating defective equipment	9
Other improper action	8
Made an improper turn	5
Glare or obstructed visibility	5
Followed too closely	2
Total	778

Pioneer Valley SafetyCompass

HUNTINGTON (2012 – 2014)

TOWN CRASH PROFILE



Year	Total	Manner of Collision		Severity		Roadway Condition		Weather Condition	
2012	21	Angle	1	No injury	12	Dry	13	Clear	10
		Rear-end	3	Non-fatal injury – NC^	4	Ice	3	Cloudy	4
		Sideswipe	4	Non-fatal injury – P®	2	Snow	4	NR*	5
		Single Vehicle	13	Not reported	3	Wet	1	Rain	1
								Snow	1
2013	14	Head-on	2	No injury	11	Dry	5	Clear	5
		Sideswipe	2	Non-fatal injury – I ^{\$}	2	Ice	3	Cloudy	1
		Single Vehicle	10	Non-fatal injury - P®	1	Sand	1	NR*	3
						Wet	5	Rain	3
								Snow	2
2014	12	Angle	1	No injury	4	Dry	4	Clear	5
		Rear-end	1	Non-fatal injury - NC^	2	Ice	3	Cloudy	1
		Single Vehicle	10	Non-fatal injury - P®	3	Sand	1	Other	1
				Not reported	3	Snow	1	Rain	3
						Wet	3	Snow	2
Total	47	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

TOP CRASH LOCATIONS IN TOWN:

1. Town Center - The area in the vicinity of Town Hall and intersection of Russell Road (Route 20) and Federal Street (Total Crashes – 5, EPDO* - 17)
2. The Intersection of E. Main Street (Route 112) and County Road (Total Crashes – 4, EPDO* - 12)
3. The Intersection of County Road and Kennedy Drive (Total Crashes – 3, EPDO* - 6)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Huntington experienced a total of 47 crashes within the calendar years of 2012 to 2014.
- An overwhelming 70% or 33 of those crashes were single vehicle crashes scattered along different roadways throughout the town.
- The total number of crashes has decreased within the 3 years of analysis period.
- More than half of crashes (54%, or 18 crashes) occurred during the hours of darkness.
- Nearly 40% of all single vehicle crashes were a result of excessive travel speed.
- Two Crashes involved a School Bus.
- No crashes were reported to be Hit and Run Crashes.
- Not a single non-motorist crash was reported in the Town within the analysis period.

FIRST HARMFUL EVENT SUMMARY

First Harmful Event	Total
Collision with motor vehicle in traffic	17
Collision with embankment	8
Collision with guardrail	6
Collision with other	4
Collision with ditch	2
Collision with other light pole or other post/support	2
Collision with parked motor vehicle	2
Collision with utility pole	2
Collision with animal - other	1
Collision with bridge	1
Not reported	1
Overturn/rollover	1

LOCATION OF CRASHES

Not at junction	40
T-intersection	3
Driveway	2
Y-intersection	2
Total	47

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

Diver Action	Total	%
Exceeding speed limit / Driving too fast	13	39.39%
Failure to keep in proper lane / Running off road	4	12.12%
Fatigued / Falling asleep	1	3.03%
Inattention / Distracted	1	3.03%
Physical Impairment	1	3.03%
Swerving due to wind, slippery surface, vehicle, object, etc	1	3.03%
No improper driving	8	24.24%
Not Reported / Other	4	12.12%

ROADWAY CLASSIFICATION

Federal Functional Classification of	Total
Local	8
Major Collector	9
Minor Arterial	19
Minor Collector	3
Not Reported	8

Pioneer Valley SafetyCompass

LONGMEADOW (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	216	Angle	52	Fatal	0	Dry	175
		Head On	5	No injury	140	Ice	0
		Rear End	97	Non-fatal injury – I ^{\$}	4	Snow	8
		Side Swipe	15	Non-fatal injury – NC [^]	29	Wet	32
		Single Vehicle	41	Non-fatal injury – P [@]	38	Slush	0
		Not Reported	6	Not reported	5	Other	1
2013	224	Angle	51	Fatal	2	Dry	163
		Head On	5	No injury	161	Ice	7
		Rear End	80	Non-fatal injury – I ^{\$}	8	Snow	22
		Side Swipe	24	Non-fatal injury – NC [^]	22	Wet	29
		Single Vehicle	63	Non-fatal injury – P [@]	29	Slush	3
		Not Reported	1	Not reported	2	Other	0
2014	187	Angle	52	Fatal	0	Dry	130
		Head On	6	No injury	129	Ice	5
		Rear End	65	Non-fatal injury – I ^{\$}	6	Snow	15
		Side Swipe	18	Non-fatal injury – NC [^]	16	Wet	32
		Single Vehicle	45	Non-fatal injury – P [@]	29	Sand	0
		Not Reported	1	Not reported	7	Other	5
Total	627	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Columbus Avenue, Longmeadow Street, Forest Glen Road, and Western Drive	16	44	6	Converse Street and Dwight Road	9	21
2	Bliss Road and Laurel Street	12	32	7	Maple Road and George Washington Road	4	20
3	Benton Drive, Dwight Road, Maple Street, and Williams Street	17	29	8	Longmeadow Street and Booth Street	8	20
4	Laurel Street and Williams Street	11	27	9	Longmeadow Street and Williams Street	10	18
5	Longmeadow Street (Route 5) and Maple Road	11	27	10	Williams Street, Frank Smith Road, and Red Fern Drive	6	18

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 627 crashes in the Town of Longmeadow within the calendar years of 2012 to 2014.
- Almost 30% of all the crashes in the Town occurred along Interstate I-91.
- A total of 2 fatal crashes occurred in the year 2013, both along Interstate I-91.
- Around 38% of the total crashes were rear end type, followed by angle (25%), and single vehicle (24%) type crashes.
- Longmeadow experienced 10 non-motorist collisions within the analysis period which resulted in 1 pedestrian fatality and 1 incapacitating injury in the year 2013.

LOCATION OF CRASHES

Not at junction	382
T-intersection	115
Four-way intersection	103
Y-intersection	9
Driveway	8
Not reported	4
Unknown	4
Off-ramp	1
On-ramp	1
Total	627

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	213
Interstate	181
Rural minor arterial or urban principal arterial	103
Local	64
Urban collector or rural minor collector	49
Unknown	17
Total	627

TOTAL NON-MOTORIZED CRASHES

Pedestrian	6
Pedalcyclist*	4
Total	10

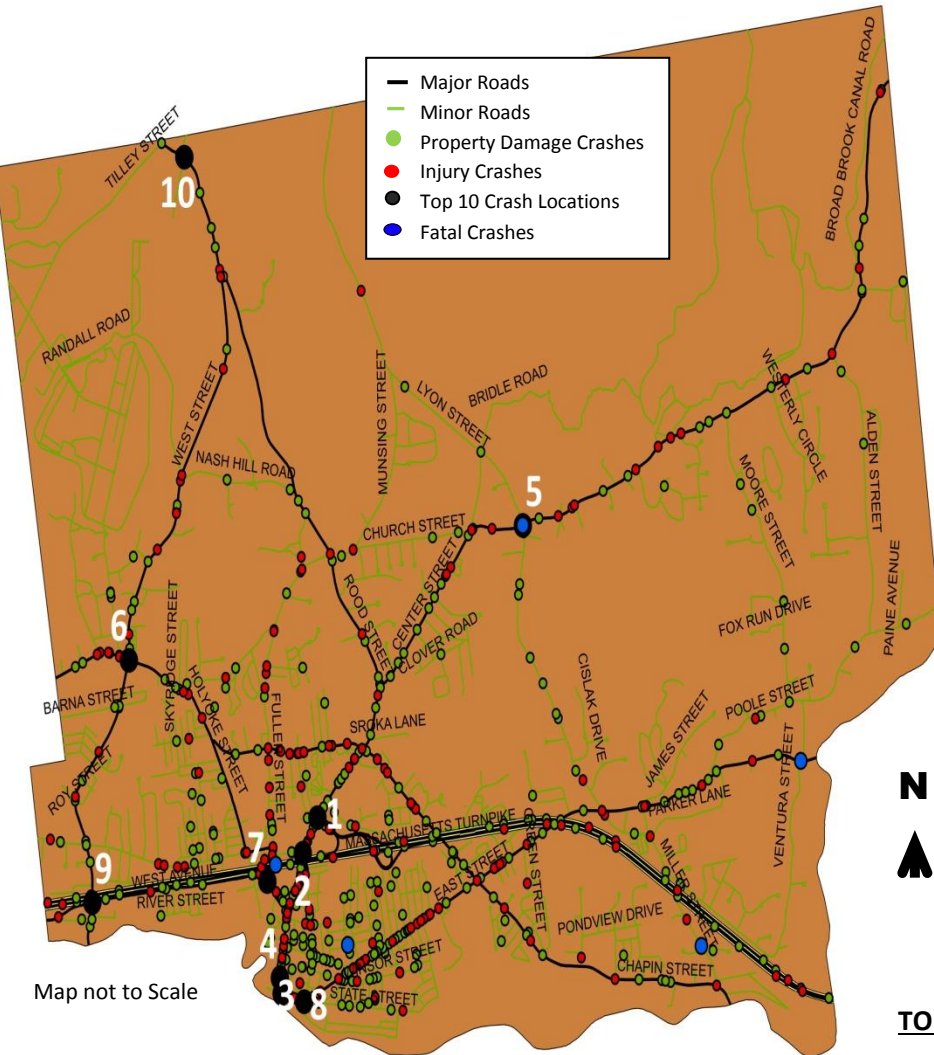
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	60
Driving too fast for conditions or speeding	24
Unknown	15
Distracted, Emotional or Inattention	13
Fatigue, Illness or Physical Impairment	11
Failure to keep in proper lane or running off road	8
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	6
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	3
Over correcting or over steering	3
Failed to yield right of way	1
Followed too closely	1
Made an improper turn	1
Operating defective equipment	1
Other improper action	1
Glare or obstructed visibility	1
Total	149

Pioneer Valley SafetyCompass

LUDLOW (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	448	Angle	145	Fatal	2	Dry	280
		Head On	12	No injury	316	Ice	7
		Rear End	124	Non-fatal injury – I ^{\$}	6	Snow	21
		Side Swipe	45	Non-fatal injury – NC [^]	29	Wet	61
		Single Vehicle	117	Non-fatal injury – P [@]	67	Slush	1
		Not Reported	5	Not reported	28	Other	78
2013	409	Angle	111	Fatal	2	Dry	231
		Head On	12	No injury	294	Ice	5
		Rear End	132	Non-fatal injury – I ^{\$}	7	Snow	18
		Side Swipe	41	Non-fatal injury – NC [^]	25	Wet	42
		Single Vehicle	105	Non-fatal injury – P [@]	60	Slush	1
		Not Reported	8	Not reported	21	Other	112
2014	395	Angle	102	Fatal	1	Dry	221
		Head On	19	No injury	260	Ice	5
		Rear End	118	Non-fatal injury – I ^{\$}	8	Snow	20
		Side Swipe	37	Non-fatal injury – NC [^]	33	Wet	53
		Single Vehicle	109	Non-fatal injury – P [@]	62	Sand	2
		Not Reported	10	Not reported	31	Other	94
Total	1252	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Center Street, Harding Avenue, and Interstate I-90 Exit 7 Ramp	54	98	6	Holyoke Street and West Street	30	46
2	Center Street (Route 21) and Cherry Street	43	83	7	West Avenue and Stebbins Street	21	45
3	Center Street (Route 21), Ludlow Avenue, and East Street	31	63	8	East Street and Sewall Street	17	45
4	Center Street (Route 21) and Park Terrace	24	60	9	Russell Street, West Street, and West Avenue	18	42
5	Center Street, Lyon Street, and Miller Street	18	47	10	West Street and Old West Street	12	40

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 1,252 crashes in the Town of Ludlow within the calendar years of 2012 to 2014.
- The total number of reported crashes was observed to be decreasing every year within the analysis period.
- A total of 5 fatal crashes occurred in the Town within this period.
- Around 30% of the total crashes were rear end type, followed by angle (29%), and single vehicle (26%) type crashes.
- Ludlow experienced 30 non-motorist collisions within the analysis period which resulted in 1 pedestrian fatality in the year 2014 and 3 other incapacitating injuries.
- A total of 7 out of the top 10 crash locations are signalized intersections.
- Approximately 13% (163 out of 1252) of the total crashes occurred along Interstate I-90.

LOCATION OF CRASHES

Not at junction	705
T-intersection	274
Four-way intersection	183
Driveway	34
Y-intersection	31
Off-ramp	8
On-ramp	8
Not reported	8
Five-point or more	1
Total	1252

TOTAL NON-MOTORIZED CRASHES

Pedestrian	16
Pedalcyclist*	11
Wheelchair	2
Skater	1
Total	30

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

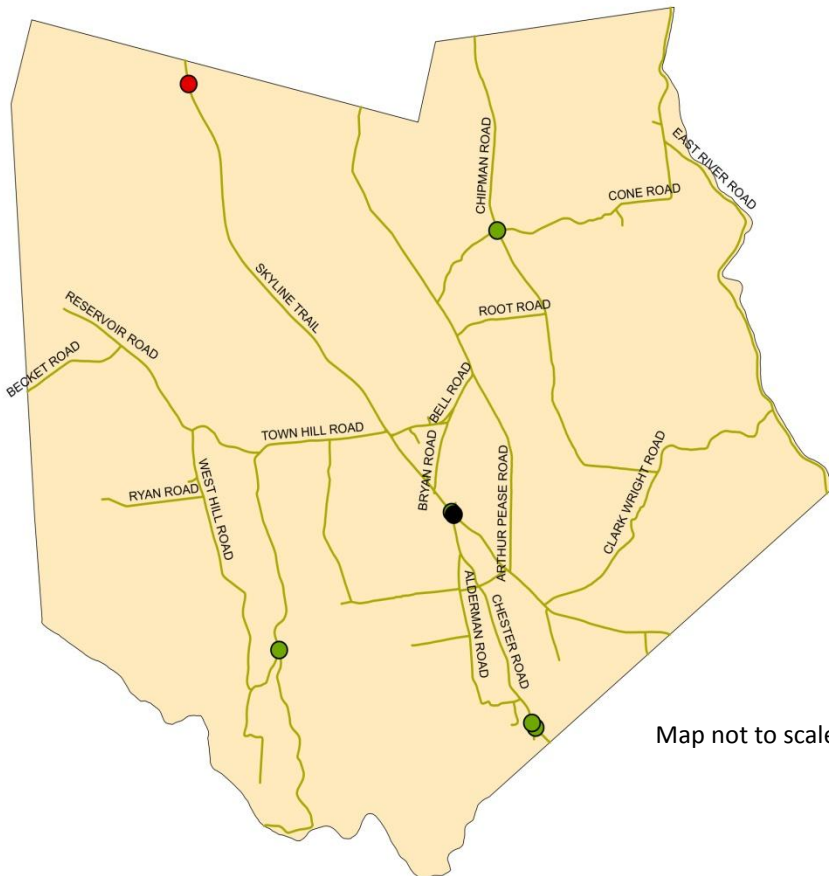
No improper driving	94
Driving too fast for conditions or speeding	48
Unknown	41
Distracted, Emotional or Inattention	39
Failure to keep in proper lane or running off road	29
Fatigue, Illness or Physical Impairment	23
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	15
Over correcting or over steering	9
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	9
Other improper action	8
Glare or obstructed visibility	6
Operating defective equipment	4
Failed to yield right of way	3
Disregarded traffic signs, signals, road markings	1
Followed too closely	1
Made an improper turn	1
Total	331

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	687
Local	166
Rural minor arterial or urban principal arterial	130
Interstate	115
Urban collector or rural minor collector	98
Unknown	56
Total	1252

Pioneer Valley SafetyCompass

MIDDLEFIELD (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	3	Single Vehicle	3	No injury	2	Dry	3	Clear	2
				Non-fatal injury - NC^	1			Cloudy	1
2013	1	Angle	1	No injury	1	Dry	1	Cloudy	1
2014	5	Rear End	1	No injury	3	Dry	2	Clear	3
		Single Vehicle	4	Non-fatal Injury - P®	2	Ice	1	Rain	1
						Snow	1	Sleet	1
						Wet	1		
Total	9	^ Non Incapacitating @ Possible * Not Reported							



Map not to scale

- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top Crash Location

TOP CRASH LOCATION IN TOWN:

The intersection of Skyline Trail and Chester Road (2 property damage crashes)

KNOWN INJURY CRASH LOCATION IN TOWN:

Along Skyline Trail just south of the border of Middlefield and Peru

KEY FINDINGS:

- The Town of Middlefield experienced a total of 9 crashes within the calendar years of 2012 to 2014.
- Out of the total 9 crashes, 2 injury crashes (one along Skyline Trail and one along Chester Road) did not have enough data associated with them to be able to plot them geographically on the map.
- A total of 7 crashes out of 9 were single vehicle type.
- One third of the crashes involved a motor vehicle driving too fast for conditions.
- More than half of the crashes occurred during the hours of darkness.
- Collisions of motor vehicles with ditches resulted in 2 crashes.

FIRST HARMFUL EVENT

Collision with ditch	2
Collision with animal - deer	1
Collision with curb	1
Collision with embankment	1
Collision with guardrail	1
Collision with motor vehicle in traffic	1
Collision with parked motor vehicle	1
Collision with tree	1
Total	9

DRIVER CONTRIBUTION CODES

No improper Driving	4
Driving too fast for conditions or speeding	3
Failed to yield the right of way	1
Other improper action	1
Total	9

AMBIENT LIGHT

Daylight	4
Dark - roadway not lighted	2
Dusk	2
Dark - unknown roadway lighting	1
Total	9

LOCATION OF CRASHES

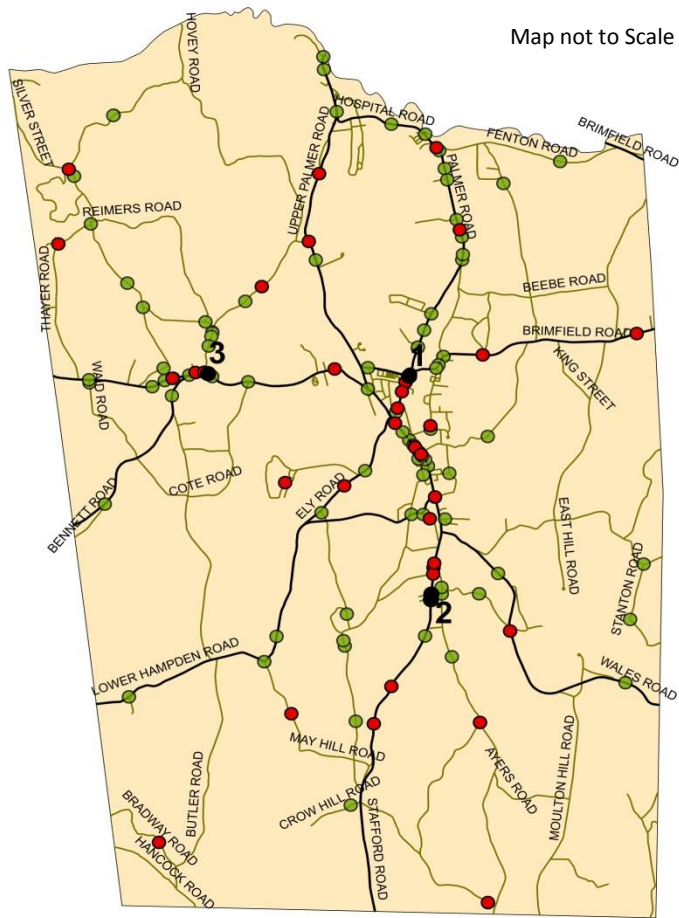
Not at junction	7
Not reported	1
T-intersection	1
Total	9

ROADWAY CLASSIFICATION

Urban collector or rural minor collector	4
Unknown	3
Local	2
Total	9

Pioneer Valley SafetyCompass

MONSON (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	50	Angle	7	Fatal Injury	0	Dry	33	Clear	27
		Head On	0	No injury	36	Ice	0	Cloudy	10
		Rear End	2	Non-fatal injury - I ^{\$}	1	Snow	7	Snow	7
		Side Swipe	1	Non-fatal injury - NC [^]	8	Wet	9	Rain	4
		Single Vehicle	39	Non-fatal Injury - P [@]	1	Sand	0	NR*	1
		Not Reported	1	Not Reported	4	Other	1	Fog	1
2013	62	Angle	11	Fatal Injury	0	Dry	31	Clear	36
		Head On	5	No injury	41	Ice	6	Cloudy	14
		Rear End	8	Non-fatal injury - I ^{\$}	1	Sand	1	NR*	1
		Side Swipe	2	Non-fatal injury - NC [^]	13	Wet	15	Rain	5
		Single Vehicle	35	Non-fatal Injury - P [@]	7	Snow	7	Snow	5
		Not Reported	1			Other	2	Sleet	1
2014	61	Angle	7	Fatal Injury	0	Dry	31	Clear	34
		Head On	0	No injury	41	Ice	3	Cloudy	9
		Rear End	10	Non-fatal injury - I ^{\$}	1	Sand	2	Fog	3
		Side Swipe	6	Non-fatal injury - NC [^]	12	Snow	12	Rain	5
		Single Vehicle	37	Non-fatal Injury - P [@]	3	Wet	11	Snow	8
		Not Reported	1	Not Reported	4	Other	2	Sleet	2
Total	173	[^] Non Incapacitating [@] Possible ^{\$} Incapacitating * Not Reported							

- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top 3 Crash Locations

TOP CRASH LOCATIONS IN TOWN:

1. The Intersection of Main Street (Route 32), Palmer Lower Road (Route 32), Chestnut Street, and Thompson Street
(Total Crashes – 4, EPDO* - 12)
2. The Intersection of Stafford Road (Route 32) and Pine View Drive
(Total Crashes – 2, EPDO* - 10)
3. The Intersection of Wilbraham Road and Reimers Road
(Total Crashes – 5, EPDO* - 9)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Monson experienced a total of 173 crashes within the calendar years of 2012 to 2014.
- A majority of single vehicle crashes were caused by drivers operating their vehicle in a reckless manner, or as a result of speeding.
- The top 3 causes for single vehicle crashes were collisions with utility poles, trees, or ditches.
- In the year 2014, a collision was reported between a pedestrian and a motor vehicle which resulted in a non-incapacitating injury.
- Approximately 64% (111 out of 173) of the total crashes are single vehicle collisions with other objects.
- Speeding was observed to be the cause for 15% of single vehicle crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	51
Collision with utility pole	19
Collision with tree	18
Collision with ditch	17
Collision with embankment	14
Collision with guardrail	13
Collision with animal - deer	10
Collision with unknown fixed object	8
Unknown	5
Collision with curb	4
Collision with other movable object	4
Collision with parked motor vehicle	3
Overturn/rollover	3
Collision with bridge	2
Collision with other light pole or other post	1
Collision with pedestrian	1
Total	173

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	32
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	18
Driving too fast for conditions or speeding	17
Distracted or Inattention	12
Unknown	9
Fatigue, Illness or Physical Impairment	8
Over correcting or over steering	4
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	4
Failure to keep in proper lane or running off road	3
Operating defective equipment	2
Followed too closely	1
Other improper action	1
Total	111

LOCATION OF CRASHES

Not at junction	136
T-intersection	14
Y-intersection	13
Driveway	5
Unknown	3
Four-way intersection	1
Traffic circle	1
Total	173

ROADWAY CLASSIFICATION

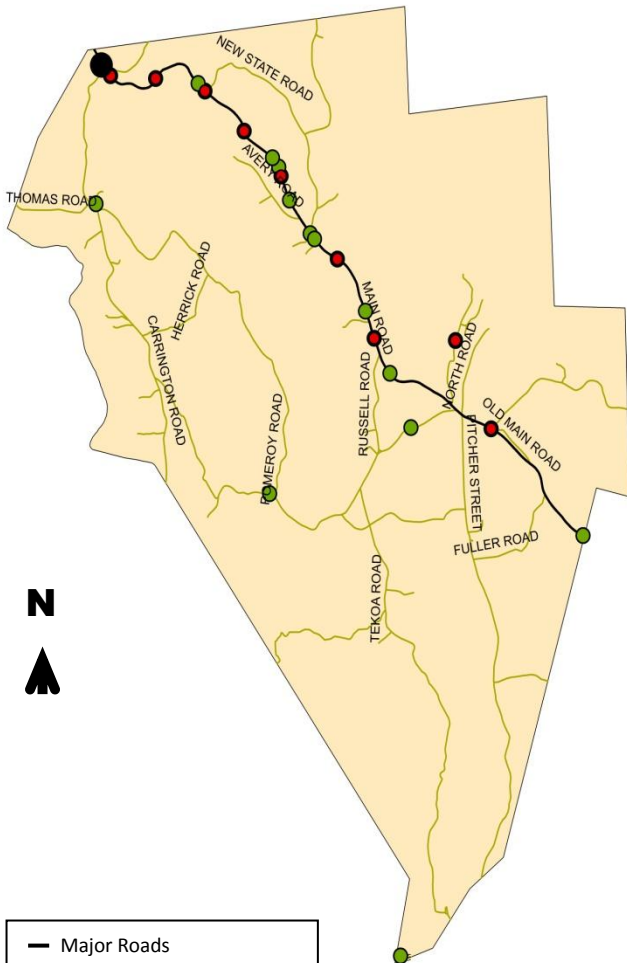
Local	47
Rural minor arterial or urban principal arterial	48
Urban minor arterial or rural major collector	52
Unknown	26
Total	173

Pioneer Valley SafetyCompass

MONTGOMERY (2012 – 2014)

TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	17	Single Vehicle Crash 17	No injury 10	Dry 6	Clear 7
			Non-fatal injury - I ^{\$} 1	Ice 2	Cloudy 3
			Non-fatal injury - NC [^] 5	Snow 2	Snow 2
			Not Reported 1	Wet 5	Rain 1
				Sand 1	NR* 4
				Other 1	
2013	11	Angle 1 Single Vehicle Crash 10	No injury 6	Dry 7	Clear 8
			Non-fatal injury - I ^{\$} 1	Wet 1	Cloudy 1
			Non-fatal injury - NC [^] 1	Snow 2	Rain 1
			Non-fatal Injury - P [@] 3	Other 1	Snow 1
2014	9	Single Vehicle Crash 9	No injury 4	Dry 4	Clear 4
			Non-fatal injury - NC [^] 4	Snow 2	Cloudy 0
			Non-fatal Injury - P [@] 1	Wet 2	Other 2
				Other 1	Rain 1
					Snow 2
Total	37	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			



Map not to scale

- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top Crash Location

TOP CRASH LOCATION IN TOWN:

The Intersection of Main Street, Carrington Road, and Lambson Road.
Number of Crashes: 2, EPDO: 6

*EPDO – Equivalent Property Damage Only

(Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Montgomery experienced a total of 37 crashes within the calendar years of 2012 to 2014.
- A total of 12 crashes out of the 37 did not have complete location data to be plotted geographically on the map.
- The total number of reported crashes has decreased each year within the analysis period.
- All the crashes except one were single vehicle crashes.
- In the year 2013, there was a non-motorist collision in the Town along Main Road in the vicinity of its intersection with New State Road. This crash involved a wheelchair and a motor vehicle whose driver was reported to be driving too fast for the conditions. This incident was not reported to have caused any injury.
- Nearly 40% of drivers of vehicles involved in a crash were reported to have been driving too fast for the conditions.
- More than half of the crashes occurred during the hours of darkness.
- Collisions of motor vehicles with ditches, animals, and embankments resulted in a total of 18 crashes.

FIRST HARMFUL EVENT

Collision with ditch	10
Unknown	6
Collision with animal - deer	4
Collision with embankment	4
Collision with animal - other	3
Collision with other light pole or other post/support	3
Collision with tree	3
Collision with guardrail	2
Collision with other	1
Collision with utility pole	1
Total	37

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	18
Unknown	12
Local	3
Interstate	2
Urban collector or rural minor collector	2
Total	37

DRIVER CONTRIBUTION CODES

Driving too fast for conditions or speeding	14
No improper driving	13
Unknown	4
Fatigue, Illness or Physical Impairment	2
Distracted or Inattention	1
Failed to yield right of way	1
Failure to keep in proper lane or running off road	1
Other improper action	1
Total	37

LOCATION OF CRASHES

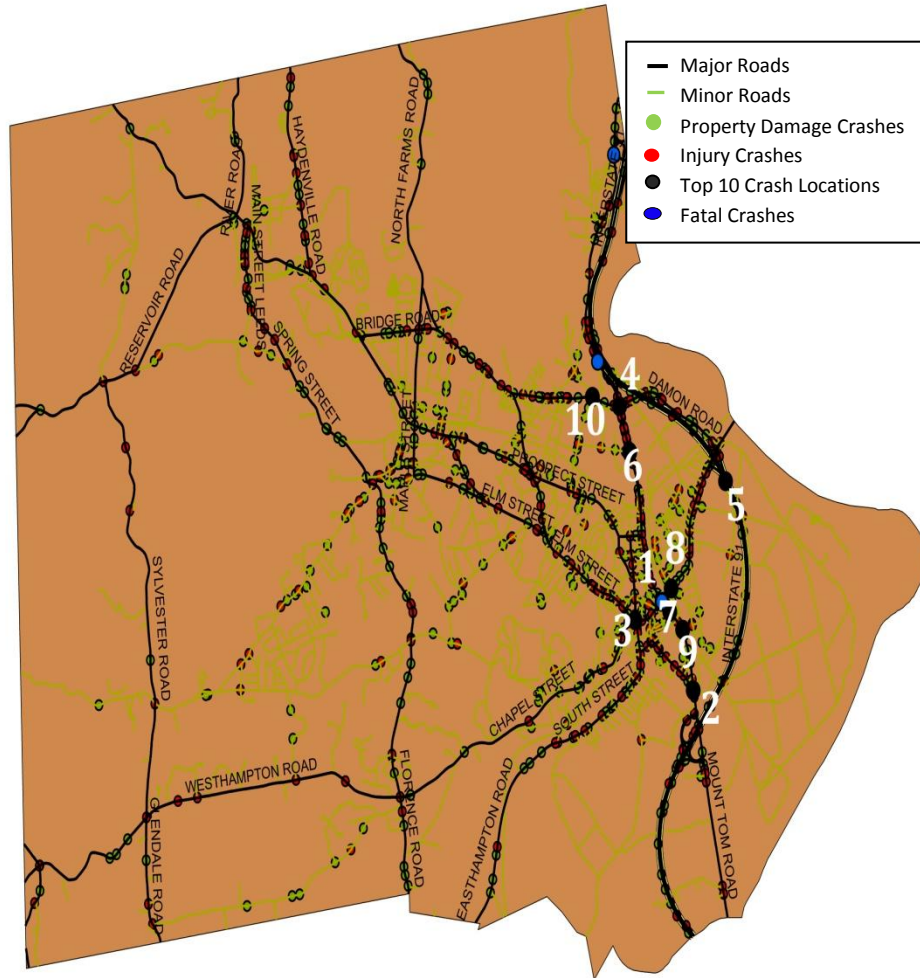
Not at junction	34
T-intersection	3
Total	37

AMBIENT LIGHT

Dark - roadway not lighted	16
Daylight	15
Dark - lighted roadway	2
Dawn	2
Dark - unknown roadway lighting	1
Dusk	1
Total	37

Pioneer Valley SafetyCompass

NORTHAMPTON (2012 – 2014)



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	565	Angle	138	Fatal	4	Dry	391
		Head On	21	No injury	401	Ice	13
		Rear End	193	Non-fatal injury – I ^{\$}	10	Snow	32
		Side Swipe	75	Non-fatal injury – NC [^]	65	Wet	123
		Single Vehicle	129	Non-fatal injury – P [@]	69	Slush	3
		Not Reported	9	Not reported	16	Other	3
2013	573	Angle	190	Fatal	1	Dry	407
		Head On	11	No injury	409	Ice	13
		Rear End	198	Non-fatal injury – I ^{\$}	11	Snow	42
		Side Swipe	67	Non-fatal injury – NC [^]	76	Wet	105
		Single Vehicle	104	Non-fatal injury – P [@]	73	Slush	2
		Not Reported	3	Not reported	3	Other	4
2014	577	Angle	143	Fatal	0	Dry	405
		Head On	21	No injury	406	Ice	16
		Rear End	214	Non-fatal injury – I ^{\$}	7	Snow	35
		Side Swipe	59	Non-fatal injury – NC [^]	84	Wet	112
		Single Vehicle	140	Non-fatal injury – P [@]	68	Slush	3
		Not Reported	0	Not reported	12	Other	6
Total	1715	^ Non Incapacitating @ Possible \$ Incapacitating					

OP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	King Street, Pleasant Street, and Main Street	53	126	6	King Street and Barrett Street	19	47
2	Mt. Tom Road, Pleasant Street, and Conz Street	34	82	7	Pleasant Street and Florida Avenue	17	45
3	Elm Street, Main Street, New South Street, State Street, West Street	34	70	8	Bridge Street, Main Street, Hawley Street and Market Street	27	43
4	King Street, Bridge Road, and Daman Road	39	67	9	Pleasant Street and Hampton Avenue	24	40
5	Interstate I-91 in the vicinity of Exit 19	24	56	10	Bridge Road, Cooke Avenue, Jackson Street, Pine Brooke Curve	19	39

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 1715 crashes in the City of Northampton within the calendar years of 2012 to 2014.
- A total of 5 fatal crashes occurred in the City within this period.
- Approximately 35% of the total crashes were rear end collisions, followed by angle (27%), and single vehicle (21%) type crashes.
- Northampton experienced 94 non-motorist collisions within the analysis period which resulted in 2 fatalities.
- Approximately 8% of the total crashes occurred along the interstate I-91.
- Over 22% of all crashes occurred at a four-way intersection.

LOCATION OF CRASHES

Not at junction	864
T-intersection	382
Four-way intersection	272
Driveway	70
Y-intersection	41
Off-ramp	31
On-ramp	26
Traffic circle	9
Five-point or more	7
Not reported	6
Unknown	6
Railway grade crossing	1
Total	1715

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	703
Rural or urban principal arterial	383
Rural minor arterial or urban principal arterial	157
Interstate	143
Urban collector or rural minor collector	131
Local	118
Unknown	80
Total	1715

TOTAL NON-MOTORIZED CRASHES

Pedestrian	41
Pedalcyclist*	53
Total	94

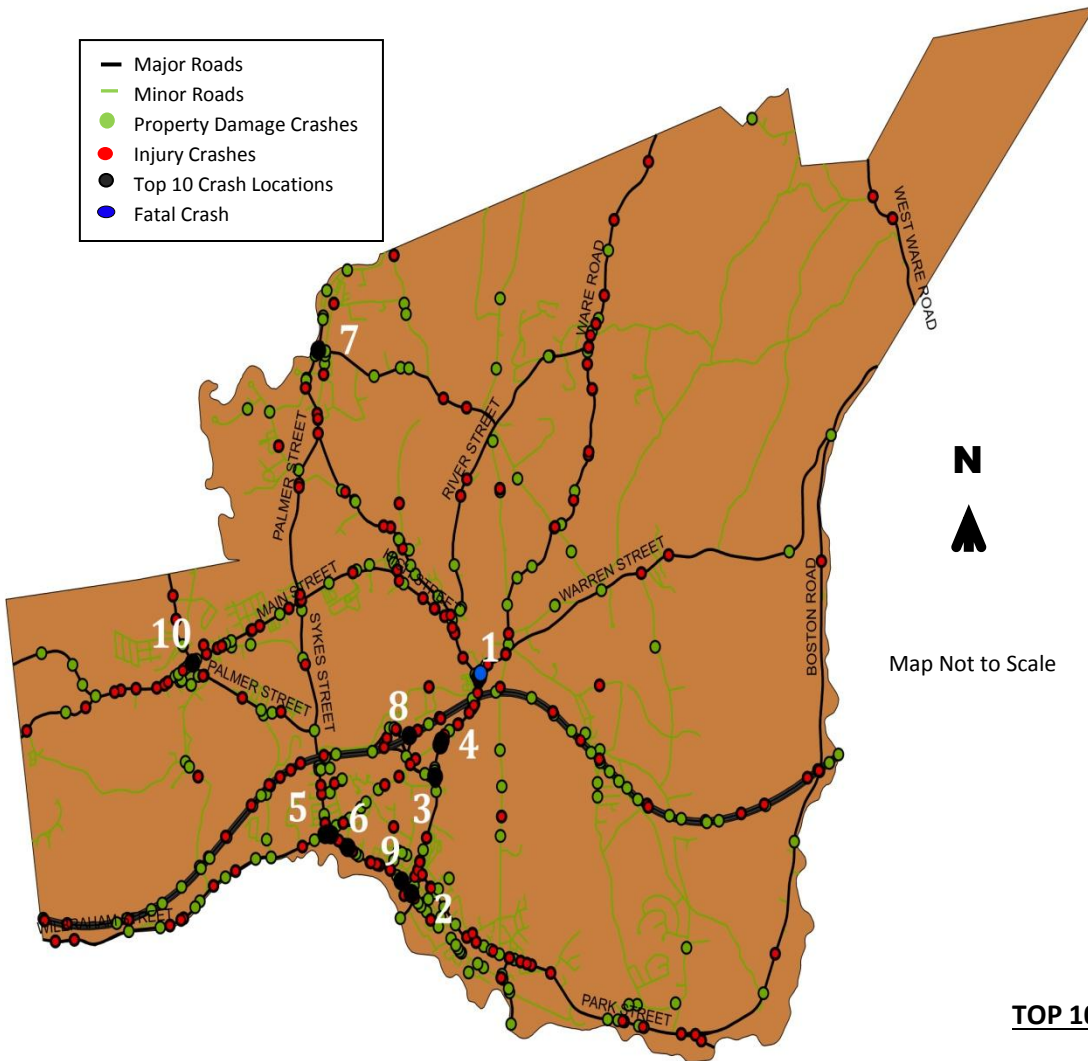
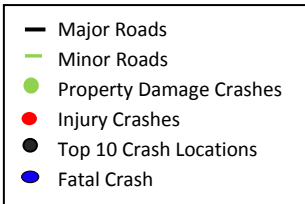
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	123
Distracted, Emotional or Inattention	50
Driving too fast for conditions or speeding	41
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	36
Unknown	30
Fatigue, Illness or Physical Impairment	28
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	17
Other improper action	13
Failure to keep in proper lane or running off road	8
Over correcting or over steering	8
Disregarded traffic signs, signals, road markings	6
Failed to yield right of way	6
Glare or obstructed visibility	4
Made an improper turn	1
Operating defective equipment	1
Wrong side of the road	1
Total	373

Pioneer Valley SafetyCompass

PALMER (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	347	Angle	95	Fatal	1	Dry	261
		Head On	8	No injury	235	Ice	8
		Rear End	100	Non-fatal injury – I ^{\$}	18	Snow	14
		Side Swipe	31	Non-fatal injury – NC [^]	42	Wet	58
		Single Vehicle	110	Non-fatal injury – P [@]	36	Sand	3
		Not Reported	3	Not reported	15	Other	3
2013	409	Angle	96	Fatal	0	Dry	288
		Head On	9	No injury	294	Ice	14
		Rear End	101	Non-fatal injury – I ^{\$}	10	Snow	30
		Side Swipe	43	Non-fatal injury – NC [^]	44	Wet	72
		Single Vehicle	158	Non-fatal injury – P [@]	53	Sand	1
		Not Reported	2	Not reported	8	Other	4
2014	210	Angle	50	Fatal	0	Dry	128
		Head On	5	No injury	147	Ice	11
		Rear End	59	Non-fatal injury – I ^{\$}	10	Snow	29
		Side Swipe	23	Non-fatal injury – NC [^]	24	Wet	31
		Single Vehicle	72	Non-fatal injury – P [@]	26	Sand	3
		Not Reported	1	Not reported	3	Other	8
Total	966	[^] Non Incapacitating [@] Possible ^{\$} Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Ware Street (Route 32), Thorndike Street, and High Street	27	72	6	North Main Street (Route 20) and Randall Street	11	35
2	North Main Street, Thorndike Street, and Main Street	29	45	7	Main Street (Route 181), South Main Street, River Street, and State Street	11	31
3	Thorndike Street (Route 32) and I-90 Exit 8 Ramps	21	41	8	I-90 eastbound in the vicinity of Exit 8 off-ramp	13	29
4	Thorndike Street (Route 32) and Shearer Street	20	36	9	North Main Street (Route 20) and Knox Street	10	26
5	North Main Street, Wilbraham Street, and Shearer Street	24	36	10	Main Street, Bridge Street and Springfield Street	8	24

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 966 crashes in the Town within the calendar years of 2012 to 2014.
- Fewer crashes were reported in the Town during the calendar year 2014 compared to 2012 and 2013. This will need to be monitored over time to understand whether this is a trend or a reporting issue.
- More than 35% of the total crashes were single vehicle crashes, followed by rear end (26.9%) and angle type crashes (24.9%).
- The Town did not report any fatal crashes within the last two years of the analysis period.
- A vast majority of the crashes (61.4%) in the Town occurred at locations other than intersections.
- One of the leading causes of the single vehicle crashes (almost 15%) in the Town was driving too fast for conditions or speeding.
- The eighth ranked crash location in the Town is located along I-90 eastbound in the vicinity of the off-ramp for Exit 8.

LOCATION OF CRASHES

Not at junction	594
T-intersection	182
Four-way intersection	78
Y-intersection	52
Driveway	39
Off-ramp	9
On-ramp	7
Unknown	3
Five-point or more	1
Railway grade crossing	1
Total	966

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	422
Interstate	175
Urban minor arterial or rural major collector	143
Not Known	101
Local	85
Urban collector or rural minor collector	40
Total	966

TOTAL NON-MOTORIZED CRASHES

Pedestrian	9
Pedalcyclist*	13
Total	22

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	91
Driving too fast for conditions or speeding	50
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	44
Distracted or Inattention	37
Failure to keep in lane or running off the road	32
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	17
Fatigue, Illness, or Physical Impairment	16
Over correcting or over steering	16
Unknown	12
Other improper action	10
Operating defective equipment	6
Glare or Obstructed visibility	3
Improper Turning	3
Failed to yield right of way	2
Followed too Closely	1
Total	340

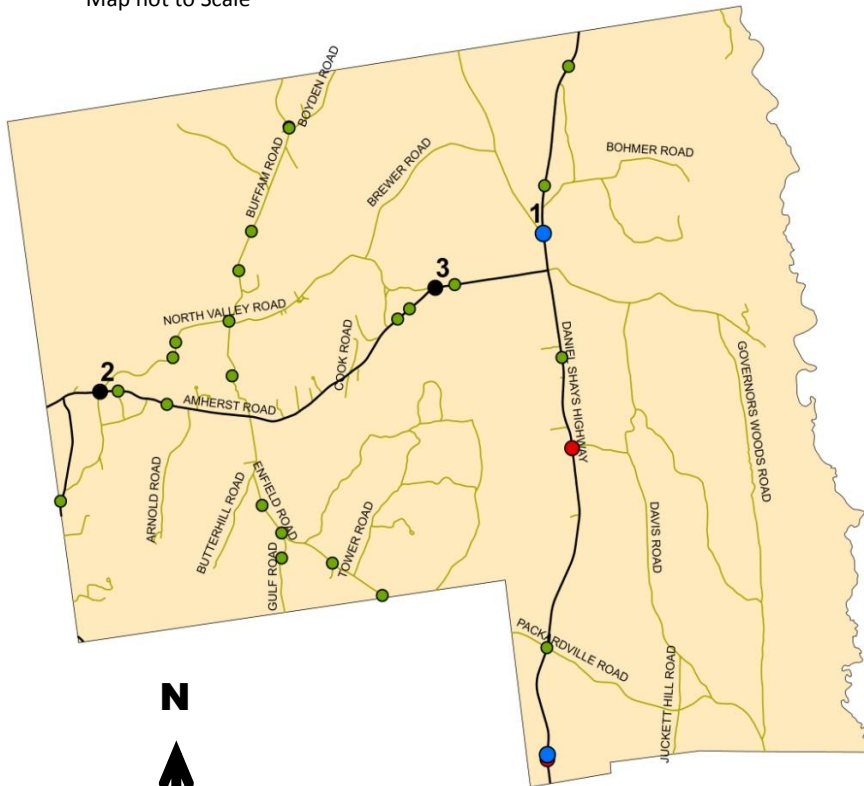
Pioneer Valley SafetyCompass

PELHAM (2012 – 2014)

TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	17	Rear End	1	Fatal Injury	1	Dry	7	Clear	7
		Side Swipe	1	No injury	11	Ice	5	Cloudy	1
		Single Vehicle	15	Non-fatal injury - I ^s	1	Snow	3	Snow	2
				Non-fatal injury - NC [^]	1	Wet	1	NR*	3
				Not Reported	3	Sand	1	Sleet	4
2013	6	Rear End	1	Fatal Injury	0	Dry	2	Clear	1
		Single Vehicle	5	No injury	5	Ice	1	NR*	2
				Non-fatal injury - NC [^]	1	Wet	1	Rain	1
						Snow	2	Snow	2
2014	13	Angle	2	Fatal Injury	1	Dry	5	Clear	7
		Head On	1	No injury	11	Ice	1	Cloudy	3
		Rear End	1	Non-fatal injury - I ^s	1	Sand	1	NR*	1
		Side Swipe	1			Snow	4	Snow	1
		Single Vehicle	8			Wet	1	Sleet	1
						Other	1		
Total	36	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

Map not to Scale



—	Major Roads
—	Minor Roads
●	Property Damage Crashes
●	Injury Crashes
●	Top 3 Crash Locations
●	Fatal Crash

TOP CRASH LOCATIONS IN TOWN:

1. The Intersection of Daniel Shays Highway (Route 202) and Shutesbury Road
(Total Crashes – 3, EPDO* - 12)
2. The Intersection of Amherst Road, North Valley Road, and South Valley Road
(Total Crashes – 2, EPDO* - 6)
3. The Intersection of Amherst Road and North Valley Road
(Total Crashes – 1, EPDO* - 5)

*EPDO – Equivalent Property Damage Only(Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Pelham experienced a total of 36 crashes within the calendar years of 2012 to 2014.
- Pelham experienced 2 fatal crashes within the analysis period of 3 years. This number is considerably high for a rural area. The fatal crash that occurred in the year 2012 was a result of a collision between a motor vehicle and an embankment. The driver of the motor vehicle was reported to have been driving too fast for the conditions. The fatal crash that occurred in the year 2014 was a result of a sideswipe collision where one of the drivers was reported as having failed to yield the right of way.
- Pelham also experienced a single non-motorist crash involving a wheelchair in the year 2012. This incident does not have detailed injury data or driver contribution code data attached to it.
- More than 75% (28 out of 36) of the total crashes are single vehicle collisions with other objects.
- Also, more than half of the crashes occurred during the hours of darkness.
- Collisions of motor vehicles with ditches, trees, and utility poles have resulted in a total of 18 crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	8
Collision with ditch	6
Collision with tree	6
Collision with utility pole	6
Collision with embankment	5
Collision with animal - deer	2
Collision with animal - other	1
Collision with guardrail	1
Collision with other	1
Total	36

DRIVER CONTRIBUTION CODES

No improper driving	9
Unknown	7
Driving too fast for conditions or speeding	7
Other improper action	4
Failed to yield right of way	3
Failure to keep in proper lane or running off road	2
Fatigue, Illness or Physical Impairment	2
Followed too closely	1
Over correcting or over steering	1
Total	36

AMBIENT LIGHT

Daylight	17
Dark - roadway not lighted	14
Dawn	3
Dark - lighted roadway	2
Total	36

LOCATION OF CRASHES

Not at junction	28
T-intersection	4
Four-way intersection	3
Not reported	1
Total	36

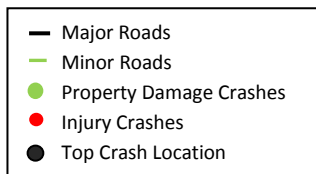
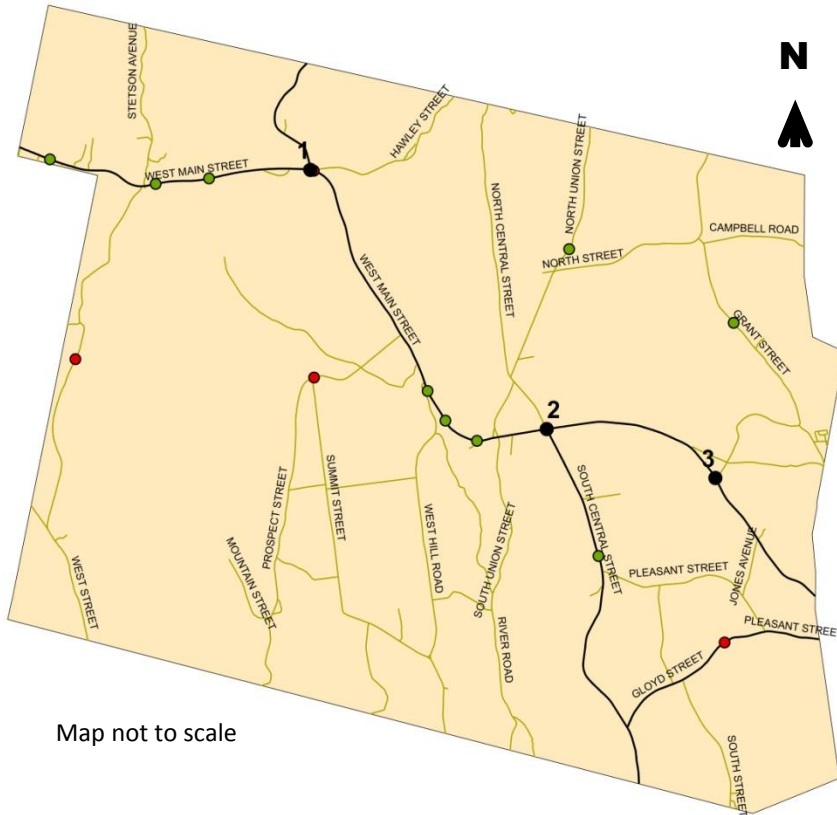
ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	10
Rural minor arterial or urban principal arterial	9
Urban collector or rural minor collector	9
Local	6
Unknown	2
Total	36

Pioneer Valley SafetyCompass

PLAINFIELD (2012 – 2014)

TOWN CRASH PROFILE



Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	10	Angle	1	No injury	3	Dry	5	Clear	7
		Single Vehicle	8	Non-fatal injury - I ^{\$}	2	Ice	1	Cloudy	1
		Not Reported	1	Non-fatal injury - NC [^]	3	Wet	2	Snow	1
				Non-fatal Injury - P [@]	2	Sand	1	Sleet	1
						Other	1		
2013	9	Angle	1	No injury	5	Dry	4	Clear	5
		Head On	1	Non-fatal injury - I ^{\$}	0	Ice	1	Cloudy	1
		Single Vehicle	6	Non-fatal injury - NC [^]	1	Wet	2	NR*	1
		Not Reported	1	Non-fatal Injury - P [@]	2	Snow	1	Rain	1
				Not Reported	1	Other	1	Snow	1
2014	4	Angle	0	No injury	3	Dry	2	Clear	1
		Side Swipe	1	Non-fatal injury - I ^{\$}	0	Snow	1	Cloudy	1
		Single Vehicle	3	Non-fatal injury - NC [^]	1	Wet	1	NR*	1
				Non-fatal Injury - P [@]	0			Rain	1
Total	23	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

TOP CRASH LOCATIONS IN TOWN:

1. The Intersection of West Main Street (Route 116 and Route 8A), Hallockville Road (Route 8A), and Hawley Street (Total Crashes – 3, EPDO* - 15)
2. The Intersection of East Main Street (Route 116), North Central Street, and South Central Street (Total Crashes – 4, EPDO* - 12)
3. The Intersection of East Main Street (Route 116) and Bow Street (Total Crashes – 1, EPDO* - 5)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Plainfield experienced a total of 23 crashes within the calendar years of 2012 to 2014.
- The total number of crashes was found to decrease each year within the analysis period.
- There were no reported fatalities during the analysis period, however nearly half of all crashes resulted in an injury.
- Nearly 75% (17 out of 23) of the total crashes are single vehicle collisions with other objects.
- Speeding was observed to be a cause for 40% of the total crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	6
Collision with guardrail	4
Collision with embankment	3
Collision with animal - deer	2
Collision with ditch	2
Collision with utility pole	2
Collision with other movable object	1
Collision with tree	1
Collision with unknown fixed object	1
Other non-collision	1
Total	23

DRIVER CONTRIBUTION CODES

Driving too fast for conditions or speeding	9
Failure to keep in proper lane or running off road	5
No improper driving	2
Disregarded traffic signs, signals, road markings	2
Glare or obstructed visibility	2
Followed too closely	1
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	1
Unknown	1
Total	23

LOCATION OF CRASHES

Not at junction	16
Four-way intersection	4
T-intersection	2
Traffic circle	1
Total	23

AMBIENT LIGHT

Daylight	11
Dark - roadway not lighted	7
Dawn	3
Dark - unknown roadway lighting	1
Dusk	1
Total	23

ROADWAY CLASSIFICATION

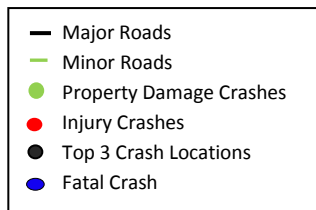
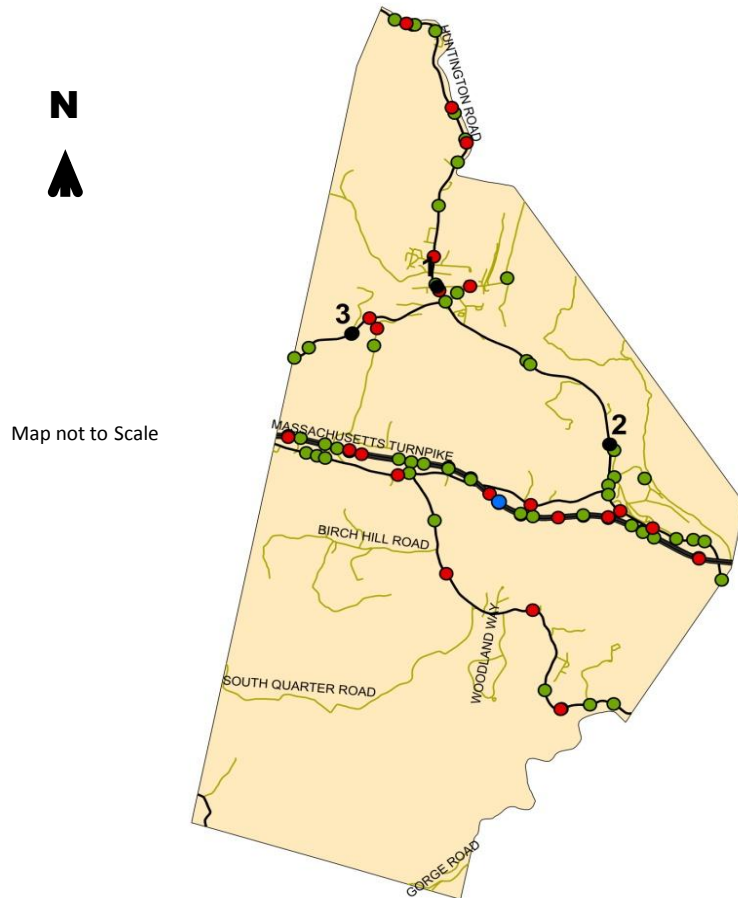
Urban minor arterial or rural major collector	15
Local	3
Urban collector or rural minor collector	3
Unknown	2
Total	23

Pioneer Valley SafetyCompass

RUSSELL (2012 – 2014)

TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	50	Angle	5	Fatal Injury	0	Dry	29	Clear	22
		Head On	3	No injury	36	Ice	2	Cloudy	8
		Rear End	3	Non-fatal injury - I ^{\$}	1	Snow	9	Snow	10
		Side Swipe	4	Non-fatal injury - NC [^]	4	Wet	6	Rain	5
		Single Vehicle	35	Non-fatal Injury - P [@]	1	Sand		NR*	2
		Not Reported	0	Not Reported	8	Other	4	Sleet	3
2013	44	Angle	9	Fatal Injury	1	Dry	26	Clear	17
		Head On	1	No injury	31	Ice	5	Cloudy	12
		Rear End	3	Non-fatal injury - I ^{\$}	2	Sand	1	NR*	3
		Side Swipe	1	Non-fatal injury - NC [^]	5	Wet	4	Rain	3
		Single Vehicle	30	Non-fatal Injury - P [@]	5	Snow	7	Snow	7
		Not Reported	0	Not Reported	0	Other	1	Sleet	2
2014	43	Angle	2	Fatal Injury	0	Dry	25	Clear	21
		Head On	1	No injury	28	Ice	4	Cloudy	7
		Rear End	7	Non-fatal injury - I ^{\$}	3	Sand	0	NR*	5
		Side Swipe	4	Non-fatal injury - NC [^]	5	Snow	7	Rain	5
		Single Vehicle	29	Non-fatal Injury - P [@]	6	Wet	6	Snow	4
		Not Reported	0	Not Reported	1	Other	1	Sleet	1
Total	137	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							



TOP CRASH LOCATIONS IN TOWN:

1. The Intersection of Westfield Road (Route 20), Main Street and West Main Street
(Total Crashes – 4, EPDO* - 12)
2. The Intersection of Westfield Road (Route 20) and Woronoco Road
(Total Crashes – 3, EPDO* - 11)
3. The Intersection of Blandford Stage Road and Upper Moss Hill Road
(Total Crashes – 3, EPDO* - 7)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Russell experienced a total of 137 crashes within the calendar years of 2012 to 2014.
- A total of 61 crashes occurred along the Massachusetts Turnpike Interstate I-90. There was one fatal crash reported in the year 2013.
- Almost 70% of the total crashes are single vehicle collisions with other objects.
- Collisions of motor vehicles with guardrails resulted in 35 crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	43
Collision with guardrail	35
Collision with animal - deer	16
Collision with tree	10
Not reported	8
Collision with median barrier	6
Collision with ditch	4
Collision with other	3
Collision with curb	2
Collision with utility pole	6
Collision with bridge	2
Collision with other movable object	1
Jackknife	1
Total	137

AMBIENT LIGHT

Daylight	85
Dark - roadway not lighted	34
Dark - lighted roadway	9
Dawn	6
Dark - unknown roadway lighting	2
Dusk	1
Total	137

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	35
Driving too fast for conditions or speeding	25
Failure to keep in proper lane or running off road	11
Fatigue, Illness or Physical Impairment	6
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	6
Unknown	5
Disregarded traffic signs, signals, road markings	1
Distracted or Inattention	1
Operating defective equipment	1
Other improper action	1
Over correcting or over steering	1
Glare or obstructed visibility	1
Total	94

LOCATION OF CRASHES

Not at junction	116
T-intersection	11
Driveway	3
Four-way intersection	3
Not reported	3
Y-intersection	1
Total	137

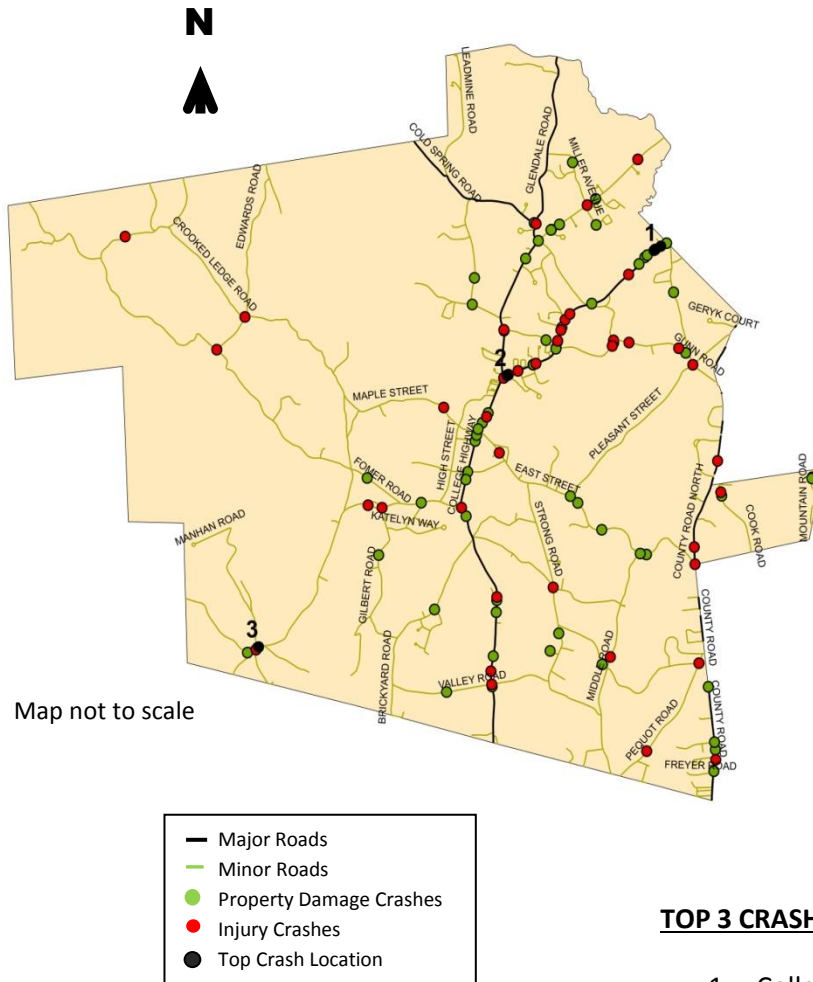
ROADWAY CLASSIFICATION

Interstate	55
Rural minor arterial or urban principal arterial	28
Urban minor arterial or rural major collector	23
Unknown	19
Local	10
Urban collector or rural minor collector	2
Total	137

Pioneer Valley SafetyCompass

SOUTHAMPTON (2012 – 2014)

TOWN CRASH PROFILE



Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	44	Angle	7	Fatal Injury	0	Dry	25	Clear	19
		Head On	1	No injury	28	Ice	5	Cloudy	13
		Rear End	7	Non-fatal injury - I ^{\$}	0	Snow	3	Snow	2
		Side Swipe	4	Non-fatal injury - NC [^]	9	Wet	9	Rain	7
		Single Vehicle	25	Non-fatal Injury - P [@]	7	Sand	0	NR*	2
		Not Reported	0	Not Reported	0	Other	2	Sleet	1
2013	51	Angle	4	Fatal Injury	0	Dry	34	Clear	33
		Head On	1	No injury	32	Ice	3	Cloudy	8
		Rear End	11	Non-fatal injury - I ^{\$}	1	Sand	1	NR*	0
		Side Swipe	3	Non-fatal injury - NC [^]	12	Wet	5	Rain	4
		Single Vehicle	30	Non-fatal Injury - P [@]	6	Snow	6	Snow	5
		Not Reported	2	Not Reported	0	Other	2	Sleet	1
2014	52	Angle	11	Fatal Injury	0	Dry	29	Clear	26
		Head On	3	No injury	33	Ice	4	Cloudy	14
		Rear End	5	Non-fatal injury - I ^{\$}	0	Sand	1	NR*	0
		Side Swipe	7	Non-fatal injury - NC [^]	11	Snow	7	Rain	4
		Single Vehicle	26	Non-fatal Injury - P [@]	6	Wet	10	Snow	6
		Not Reported	0	Not Reported	2	Other	1	Sleet	2
Total	147	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

TOP 3 CRASH LOCATIONS IN TOWN:

1. College Highway (Route 10) in the vicinity of the Big Y Dropping Plaza
(Crashes: 6, EPDO*: 22)
2. The Intersection of College Highway (Route 10) and Pomeroy Meadow Road
(Crashes: 4, EPDO*: 12)
3. The Intersection of Russellville Road and Manhan Road
(Crashes: 2, EPDO*: 10)

*Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Southampton experienced a total of 147 crashes within the calendar years of 2012 to 2014.
- There was an increase in the total number of crashes within the Town every year within the analysis period.
- There were 3 crashes involving pedestrians and 2 crashes involving pedalcyclists* (unicycle, bicycle, tricycle, and pedal car) the analysis period.
- More than half (55%) of the total crashes are single vehicle collisions with other objects.
- Collisions of motor vehicles with light poles, trees, and deer resulted in a total of 47 crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	55
Collision with other light pole or other post/support	19
Collision with tree	15
Collision with animal - deer	13
Collision with embankment	10
Collision with guardrail	7
Collision with parked motor vehicle	5
Overturn/rollover	5
Collision with unknown fixed object	4
Collision with pedestrian	3
Unknown	3
Collision with bridge	2
Collision with curb	2
Collision with pedalcycle	2
Collision with ditch	1
Collision with other movable object	1
Total	147

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	73
Local	42
Urban collector or rural minor collector	17
Unknown	15
Total	147

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	37
Unknown	10
Distracted or Inattention	9
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	7
Driving too fast for conditions or speeding	4
Fatigue, Illness or Physical Impairment	4
Over correcting or over steering	3
Other improper action	2
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	2
Disregarded traffic signs, signals, road markings	1
Failure to keep in proper lane or running off road	1
Operating defective equipment	1
Total	81

LOCATION OF CRASHES

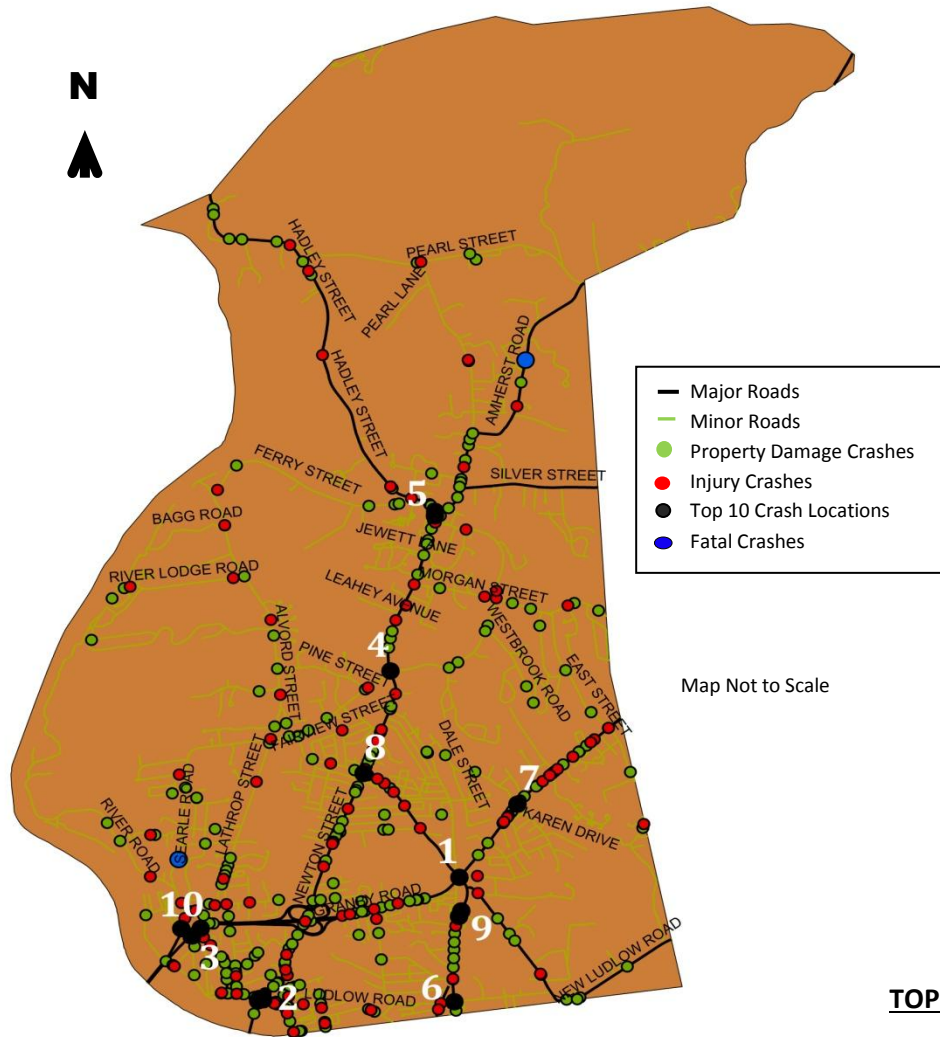
Not at junction	107
T-intersection	18
Four-way intersection	9
Y-intersection	6
Driveway	5
Not reported	1
Unknown	1
Total	147

AMBIENT LIGHT

Daylight	98
Dark - lighted roadway	20
Dark - roadway not lighted	20
Dark - unknown roadway lighting	5
Dusk	3
Dawn	1
Total	147

Pioneer Valley SafetyCompass

SOUTH HADLEY (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	261	Angle	39	Fatal	1	Dry	173
		Head On	9	No injury	173	Ice	9
		Rear End	87	Non-fatal injury – I ^{\$}	0	Snow	11
		Side Swipe	52	Non-fatal injury – NC [^]	21	Wet	63
		Single Vehicle	64	Non-fatal injury – P [@]	43	Sand	2
		Not Reported	10	Not reported	23	Other	3
2013	241	Angle	40	Fatal	0	Dry	171
		Head On	12	No injury	165	Ice	11
		Rear End	78	Non-fatal injury – I ^{\$}	3	Snow	8
		Side Swipe	45	Non-fatal injury – NC [^]	10	Wet	46
		Single Vehicle	59	Non-fatal injury – P [@]	38	Sand	2
		Not Reported	7	Not reported	25	Other	3
2014	246	Angle	31	Fatal	1	Dry	162
		Head On	9	No injury	159	Ice	11
		Rear End	101	Non-fatal injury – I ^{\$}	5	Snow	14
		Side Swipe	36	Non-fatal injury – NC [^]	27	Wet	55
		Single Vehicle	68	Non-fatal injury – P [@]	32	Sand	2
		Not Reported	1	Not reported	22	Other	2
Total	748	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Granby Road, Lyman Street, and Willimansett Street	35	71	6	Memorial Drive and Abbey Street	13	25
2	Bridge Street and Main Street	20	48	7	Granby Road, Ridge Road, and Sunset Avenue	9	25
3	Purple Heart Drive Rotary and North Main Street on Ramp in southeastern side	17	41	8	Newton Street and Lyman Street	16	24
4	College Street, Newton Street, Brainerd Street, Mosier Street	18	38	9	Willimansett Street in the vicinity of Big Y Plaza	6	22
5	College Street and Hadley Street	16	28	10	Purple Heart Drive Rotary section in the vicinity of off ramp towards Holyoke	8	20

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 748 crashes in the Town of South Hadley within the calendar years of 2012 to 2014.
- Around 35% of the total crashes were rear end type, followed by single vehicle (25%), and angle (15%) type crashes.
- A total of 7 out of the top 10 crash locations in the Town are signalized intersections.
- Approximately 18% of the drivers involved in the single vehicle crashes were found to be driving in reckless or aggressive manner.

LOCATION OF CRASHES

Not at junction	435
Four-way intersection	126
T-intersection	97
Traffic circle	50
Driveway	15
Off-ramp	10
On-ramp	8
Y-intersection	5
Unknown	2
Total	748

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	365
Unknown	123
Local	120
Urban collector or rural minor collector	85
Urban minor arterial or rural major collector	55
Total	748

TOTAL NON-MOTORIZED CRASHES

Pedalcyclist*	6
Pedestrian	5
Wheelchair	2
Total	13

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	48
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	34
Driving too fast for conditions or speeding	24
Unknown	23
Failure to keep in proper lane or running off road	15
Distracted or Inattention	14
Fatigue, Illness or Physical Impairment	11
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	8
Over correcting or over steering	5
Other improper action	3
Failed to yield right of way	2
Operating defective equipment	2
Disregarded traffic signs, signals, road markings	1
Made an improper turn	1
Total	191

Pioneer Valley SafetyCompass

SOUTHWICK (2012 – 2014)

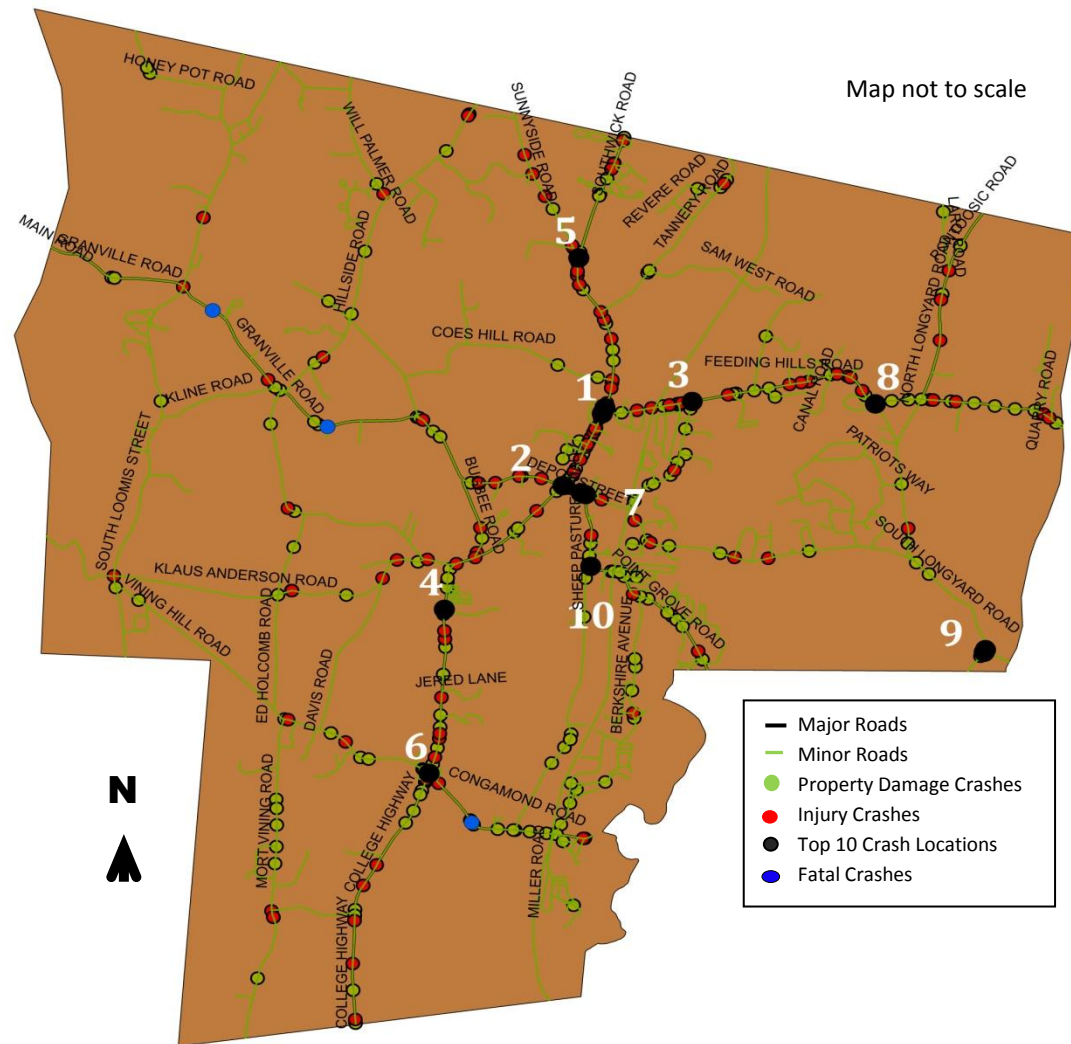
TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	179	Angle	32	Fatal	1	Dry	146
		Head On	9	No injury	120	Ice	2
		Rear End	32	Non-fatal injury – I ^{\$}	5	Snow	6
		Side Swipe	23	Non-fatal injury – NC [^]	21	Wet	24
		Single Vehicle	80	Non-fatal injury – P [@]	21	Other	1
		Not Reported	3	Not reported	11		
2013	154	Angle	26	Fatal	1	Dry	103
		Head On	6	No injury	100	Ice	4
		Rear End	37	Non-fatal injury – I ^{\$}	4	Snow	12
		Side Swipe	16	Non-fatal injury – NC [^]	22	Wet	32
		Single Vehicle	68	Non-fatal injury – P [@]	19	Sand	1
		Not Reported	1	Not reported	8	Other	2
2014	144	Angle	29	Fatal	1	Dry	88
		Head On	8	No injury	92	Ice	3
		Rear End	38	Non-fatal injury – I ^{\$}	1	Snow	19
		Side Swipe	14	Non-fatal injury – NC [^]	22	Wet	26
		Single Vehicle	54	Non-fatal injury – P [@]	24	Sand	5
		Not Reported	1	Not reported	4	Other	3
Total	477	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	College Highway and Feeding Hills Road	32	44	6	College Highway, Congamond Road, and Vining Hill Road	15	19
2	College Highway, Granville Road, and Depot Street	13	29	7	Depot Street in the vicinity of Southwick Police/Fire Departments and Depot Ct.	9	17
3	Feeding Hills Road and Powder Mill Road	6	22	8	Feeding Hills Road, Matthews Road, and Buckingham Drive	4	16
4	College Highway and Industrial Road	9	21	9	South Longyard Road and Rising Corners Road	4	16
5	College Highway and Sunnyside Road	12	20	10	Point Grove Road and Sheep Pasture Road	3	15

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)



KEY FINDINGS:

- There were a total of 477 crashes in the Town within the calendar years of 2012 to 2014.
- More than 42% of the total crashes were Single Vehicle Crashes, followed by Rear End (22.4%) and angle type crashes (18.2%).
- The total number of crashes has decreased within the 3 years of analysis period.
- There were a total of 3 fatal crashes within the 3 years.
- A vast majority of the crashes (66.2%) in the Town occurred at locations other than intersections.
- More crashes occurred at 3-way intersections (15.3%) and driveways (11.3%) compared to 4-way intersections (4.8%).

LOCATION OF CRASHES

Not at junction	316
T-intersection	73
Driveway	54
Four-way intersection	23
Y-intersection	10
Unknown	1
Grand Total	477

ROADWAY CLASSIFICATION

Rural or urban principal arterial	191
Rural minor arterial or urban principal arterial	89
Urban collector or rural minor collector	64
Local	60
Urban minor arterial or rural major collector	60
Unknown	13
Grand Total	477

TOTAL NON-MOTORIZED CRASHES

Pedestrian	6
Pedalcyclist*	2
Total	8

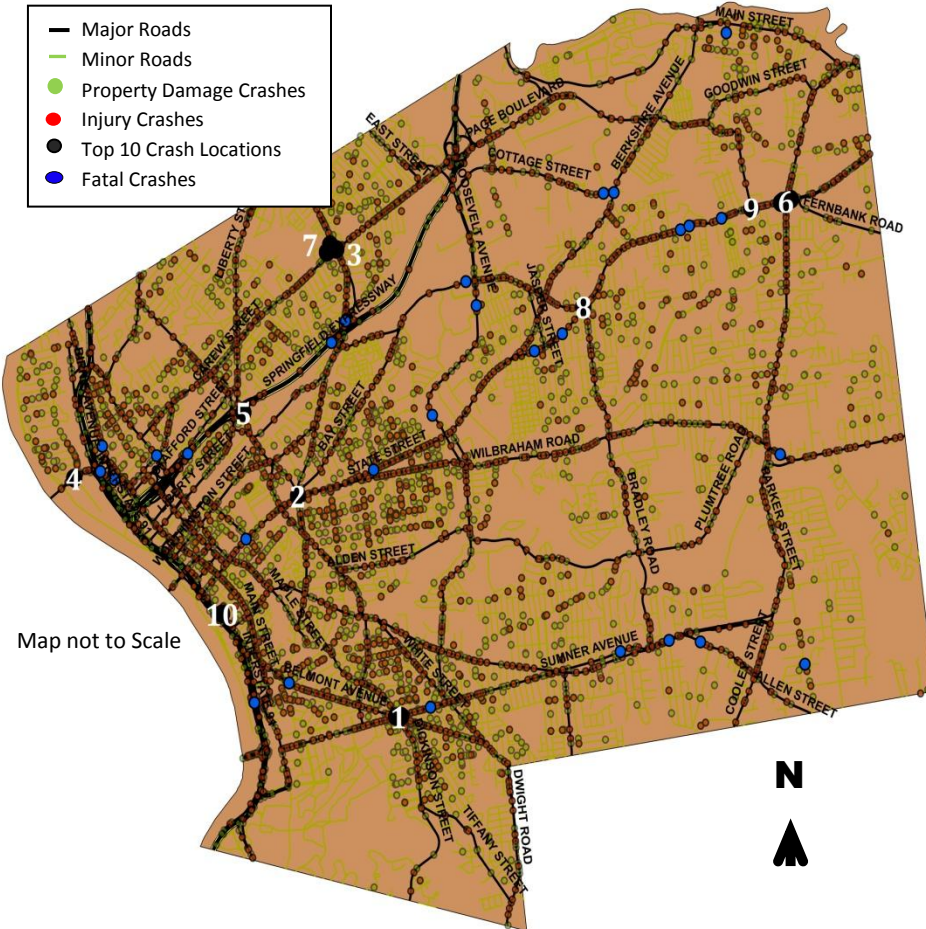
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	58
Failure to keep in proper lane or running off road	27
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	25
Driving too fast for conditions or speeding	24
Distracted or Inattention	21
Fatigue, Illness or Physical Impairment	13
Unknown	11
Over correcting or over steering	6
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	5
Other improper action	4
Operating defective equipment	3
Glare or obstructed visibility	3
Disregarded traffic signs, signals, road markings	1
Followed too closely	1
Total	202

Pioneer Valley SafetyCompass

SPRINGFIELD (2012 – 2014)



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	4501	Angle	1786	Fatal	9	Dry	3464
		Head On	138	No injury	2471	Ice	47
		Rear End	1307	Non-fatal injury – I ^{\$}	248	Snow	116
		Side Swipe	420	Non-fatal injury – NC [^]	674	Wet	841
		Single Vehicle	790	Non-fatal injury – P [@]	796	Slush	12
		Not Reported	60	Not reported	303	Other	21
2013	4330	Angle	1700	Fatal	10	Dry	3216
		Head On	124	No injury	2445	Ice	81
		Rear End	1177	Non-fatal injury – I ^{\$}	191	Snow	162
		Side Swipe	414	Non-fatal injury – NC [^]	492	Wet	847
		Single Vehicle	850	Non-fatal injury – P [@]	918	Slush	13
		Not Reported	65	Not reported	274	Other	11
2014	4139	Angle	1467	Fatal	10	Dry	2963
		Head On	159	No injury	2356	Ice	118
		Rear End	1177	Non-fatal injury – I ^{\$}	155	Snow	212
		Side Swipe	492	Non-fatal injury – NC [^]	521	Wet	772
		Single Vehicle	794	Non-fatal injury – P [@]	845	Slush	53
		Not Reported	50	Not reported	252	Other	21
Total	12,970	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Belmont Avenue, Sumner Avenue, Dickinson Street, and Ventura Street	122	298	6	Boston Road (Route 20) and Parker Street	73	185
2	State Street, Bay Street, Oak Street, St. James Avenue, and Magazine Street	85	261	7	St. James Avenue, Carew Street, Beaven Street, and Detroit Street	58	182
3	St James Boulevard (Route 20A) and St. James Avenue	71	207	8	Boston Road, Bay Street, and Breckwood Boulevard	58	167
4	West Street (Route 20), Plainfield Street, and Avocado Street	86	198	9	Boston Road, Pasco Road, Merrill Road, and Wrentham Road	53	165
5	Armory Street Rotary in the Vicinity of I-291 eastbound on ramp	53	193	10	East Columbus Avenue, Union Street, Wilcox Street	63	159

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 12,970 crashes in the City of Springfield within the calendar years of 2012 to 2014.
- The total number of reported crashes was observed to be decreasing every year within the analysis period.
- A total of 29 fatal crashes occurred in the City within this period.
- Approximately 38% of the total crashes were angle type, followed by rear end (28%), and single vehicle (19%) type crashes.
- Springfield experienced 640 non-motorist collisions within the analysis period which resulted in 9 pedestrian and 1 pedalcyclist* fatalities.
- More than 13% of the single vehicle crashes involved a speeding motor vehicle.

LOCATION OF CRASHES

Not at junction	5813
Four-way intersection	2866
T-intersection	2543
Driveway	673
Y-intersection	287
On-ramp	252
Off-ramp	249
Unknown	114
Five-point or more	106
Traffic circle	52
Not reported	12
Railway grade crossing	3
Total	12,970

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	4881
Urban minor arterial or rural major collector	4196
Local	1544
Urban collector or rural minor collector	1137
Interstate	980
Unknown	229
Ramp - Interstate	3
Total	12,970

TOTAL NON-MOTORIZED CRASHES

Pedestrian	412
Pedalcyclist*	199
Other	29
Total	640

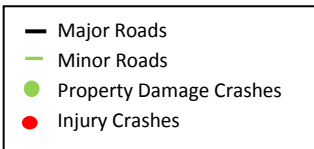
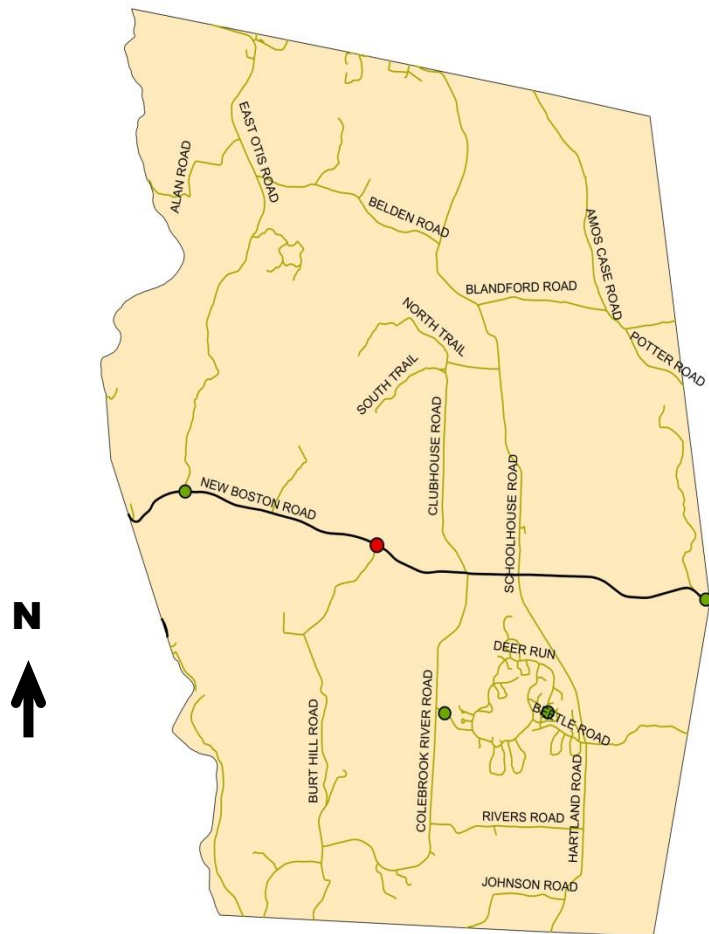
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	701
Unknown	576
Driving too fast for conditions or speeding	296
Fatigue, Illness or Physical Impairment	96
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	95
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	87
Other improper action	82
Failure to keep in proper lane or running off road	73
Distracted, Emotional or Inattention	53
Over correcting or over steering	37
Glare or obstructed visibility	26
Operating defective equipment	18
Failed to yield right of way	15
Made an improper turn	11
Disregarded traffic signs, signals, road markings	9
Followed too closely	4
Wrong side of the road	3
Total	2182

Pioneer Valley SafetyCompass

TOLLAND (2012 – 2014)



Map not to scale

TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	5	Single Vehicle 5	No injury 2	Dry 4	Clear 3
			Non-fatal Injury - P [@] 1	Snow 1	Snow 1
			Not Reported 2	Snow 1	NR* 1
2013	3	Single Vehicle 3	No injury 1	Dry 1	Clear 1
			Non-fatal injury - I ^{\$} 1	Snow 1	Cloudy 1
			Non-fatal Injury - P [@] 1	Sand 1	NR* 1
2014	3	Head-on 1	No injury 1	Dry 1	Clear 3
		Single Vehicle 2	Non-fatal injury - NC [^] 1	Snow 1	
			Not Reported 1	Sand 1	
Total	11	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			

CRASH LOCATIONS NOT SHOWN ON THE MAP DUE TO LACK OF DATA:

1. 3 crashes along New Boston Road (Route 57) could not be located.
2. 2 crashes along School House Road could not be located.
3. 1 crash along East Otis Road could not be located.

KEY FINDINGS:

- The Town of Tolland experienced a total of 11 crashes within the calendar years of 2012 to 2014.
- Six of those 11 crashes did not have adequate location data to be accurately geocoded in the map.
- One crash in the year 2013 resulted in an incapacitating injury, which was the maximum severity reported within the analysis period.
- A total of 3 crashes occurred during the hours of darkness.
- The Town did not experience any non-motorist crashes during the analysis period.
- A total of 5 crashes were a result of a collision of a motor vehicle with either a tree or a ditch.
- Only one crash reported within the analysis period was a result of a collision of 2 motor vehicles. The driver of one of the motor vehicles involved in the crash failed to maintain the vehicle in the proper lane resulting in the crash which caused a non-incapacitating injury.
- Speeding was reported as a factor in two of the crashes that occurred during the study period.

FIRST HARMFUL EVENT SUMMARY

Collision with tree	3
Collision with ditch	2
Not Reported	2
Collision with motor vehicle in traffic	1
Collision with animal - deer	1
Collision with guardrail	1
Collision with light pole or other post	1
Total	11

DRIVER CONTRIBUTION CODES

No improper driving	4
Other improper action	3
Driving too fast for conditions or speeding	2
Unknown	1
Failure to keep in proper lane	1
Total	11

AMBIENT LIGHT

Daylight	8
Dark - roadway not lighted	3
Total	11

ROADWAY CLASSIFICATION

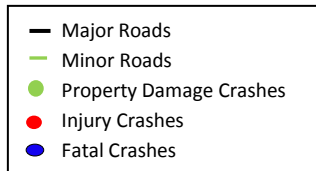
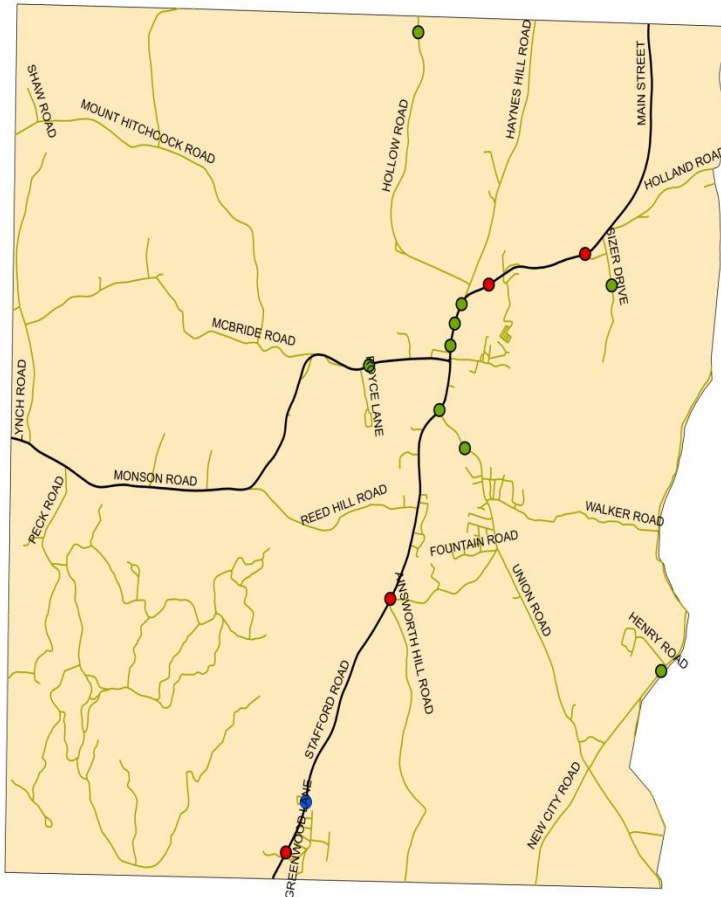
Unknown	6
Rural minor arterial or urban principal arterial	3
Local	2
Total	11

Pioneer Valley SafetyCompass

WALES (2012 – 2014)

TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	5	Rear End	2	Fatal Injury	1	Dry	4	Clear	4
		Single Vehicle	3	No injury	4	Snow	1	Sleet	1
2013	7	Head On	1	No injury	6	Dry	6	Clear	6
		Rear End	1	Non-fatal injury - I ^{\$}	1	Ice	1	Cloudy	1
		Side Swipe	1						
		Single Vehicle	4						
2014	6	Head On	1	No injury	3	Dry	5	Clear	5
		Single Vehicle	5	Non-fatal injury - I ^{\$}	1	Ice	1	Sleet	1
				Non-fatal injury - NC [^]	1				
				Non-fatal Injury - P [@]	1				
Total	18	^ Non Incapacitating @ Possible \$ Incapacitating							



Map not to scale

INJURY CRASH LOCATIONS IN TOWN:

1. Stafford Road (Route 19) south of its intersection with Cedar Lane.
2. The Intersection of Stafford Road (Route 19), Lake George Road, and Ainsworth Hill Road.
3. Main Street (Route 19) in the vicinity of Wales Market.
4. The Intersection of Main Street (Route 19) and Hegan Street.

KEY FINDINGS:

- The Town of Wales experienced a total of 18 crashes within the calendar years of 2012 to 2014.
- In the year 2012, there were 2 crashes that involved non-motorists.
- One of the crashes along Stafford Road, north of its intersection with Ash Lane, involved a pedestrian and resulted in a fatality in the year 2012.
- Another non-motorist crash involved a collision between a motor vehicle and a wheelchair in which no injury was reported. Obstructed visibility of the motor vehicle driver was reported as a cause of that crash.
- In the year 2014, one of the 6 reported crashes resulted in an incapacitating injury because of a speeding motor vehicle.
- Collision with deer resulted in a total of 3 crashes within the analysis period.

NON-MOTORIST CRASHES

Pedestrian	1
Wheelchair	1
Total	2

AMBIENT LIGHT

Daylight	11
Dark - roadway not lighted	5
Dawn	2
Total	18

DRIVER CONTRIBUTION CODES

No improper driving	7
Fatigue, Inattention, or Physical impairment	3
Driving too fast for conditions or speeding	2
Followed too closely	1
Disregarded traffic control device	1
Failed to yield	1
Visibility obstructed	1
Wrong side of the road	1
Unknown	1
Total	18

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	6
Collision with animal - deer	3
Unknown	3
Collision with animal - other	2
Collision with guardrail	2
Collision with pedestrian	1
Other	1
Total	18

ROADWAY CLASSIFICATION

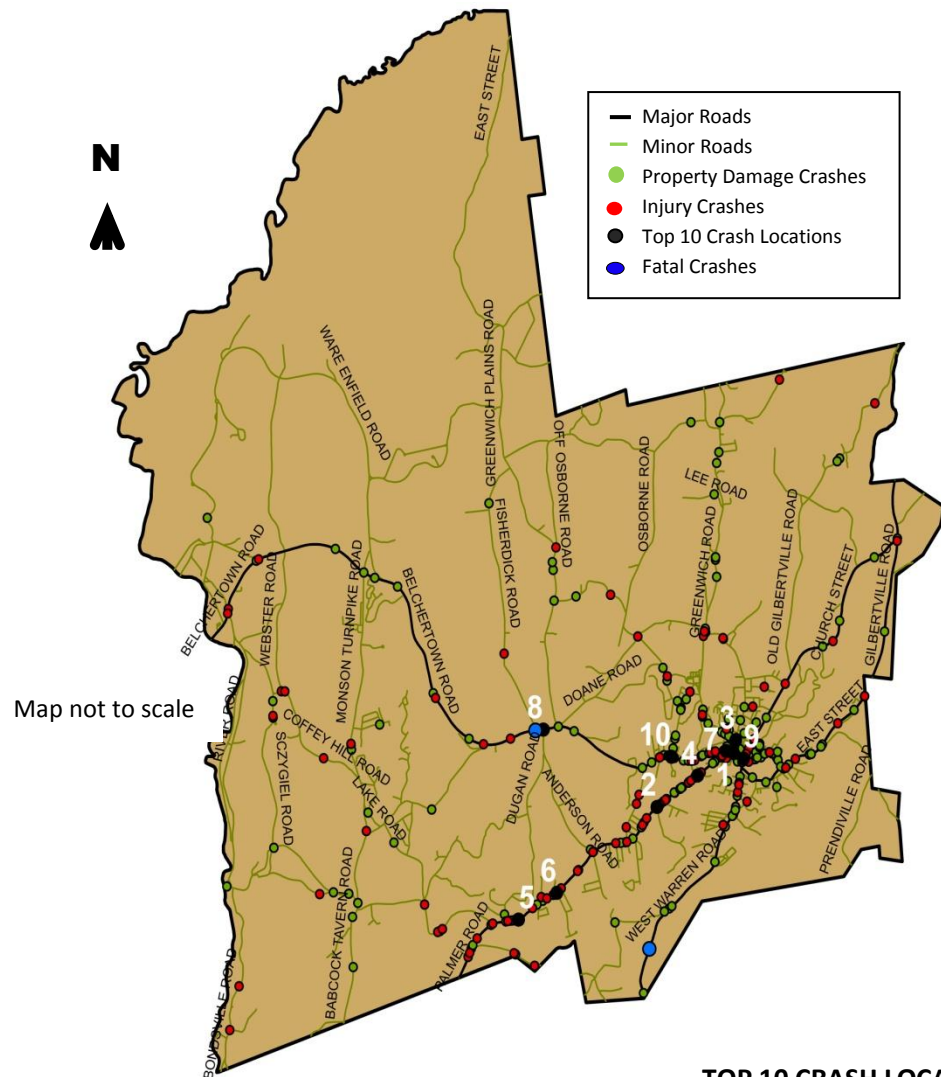
Urban minor arterial or rural major collector	10
Urban collector or rural minor collector	4
Unknown	3
Local	1
Total	18

LOCATION OF CRASHES

Not at junction	16
T-intersection	2
Total	18

Pioneer Valley SafetyCompass

WARE (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	196	Angle	50	Fatal	0	Dry	150
		Head On	6	No injury	118	Ice	2
		Rear End	46	Non-fatal injury – I ^{\$}	3	Snow	7
		Side Swipe	25	Non-fatal injury – NC [^]	20	Wet	35
		Single Vehicle	66	Non-fatal injury – P [@]	35	Sand	1
		Not Reported	3	Not reported	20	Other	1
2013	188	Angle	42	Fatal	1	Dry	135
		Head On	7	No injury	122	Ice	2
		Rear End	45	Non-fatal injury – I ^{\$}	6	Snow	12
		Side Swipe	21	Non-fatal injury – NC [^]	18	Wet	32
		Single Vehicle	71	Non-fatal injury – P [@]	35	Sand	3
		Not Reported	2	Not reported	6	Other	4
2014	197	Angle	38	Fatal	1	Dry	140
		Head On	5	No injury	142	Ice	6
		Rear End	52	Non-fatal injury – I ^{\$}	3	Snow	23
		Side Swipe	32	Non-fatal injury – NC [^]	18	Wet	26
		Single Vehicle	65	Non-fatal injury – P [@]	20	Sand	0
		Not Reported	5	Not reported	13	Other	2
Total	581	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Main Street and North Street	20	48	6	Palmer Road and Longview Avenue	10	26
2	West Street and Robbins Road	15	43	7	West Main Street and Parker Street	11	23
3	North Street and Pleasant Street	23	35	8	Belchertown Road and Anderson Road	7	23
4	West Street and Vernon Street	14	34	9	Main Street, East Main Street, South Street, and Church Street	14	22
5	Palmer Road (Between Juniper Hill Road and Dugan Road)	8	28	10	Belchertown Road and Eagle Street	7	19

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 581 crashes in the Town of Ware within the calendar years of 2012 to 2014.
- Approximately 34% of the total crashes were single vehicle type, followed by rear end (25%), and angle (22%) type crashes.
- A total of 10 crashes reported during the analysis period involved non-motorists and one of those crashes in the year 2013 resulted in an incapacitating injury to the pedestrian.
- There were a total of 2 fatal crashes within the 3 years.
- More than 64% of the crashes in the Town occurred at locations other than intersections.
- More crashes (18%) occurred at 3-way intersections compared to 4-way intersections (10%).
- Approximately 10% of the single vehicle crashes involved a distracted driver.

LOCATION OF CRASHES

Not at junction	373
T-intersection	109
Four-way intersection	60
Driveway	20
Y-intersection	13
Unknown	4
Five-point or more	1
Traffic circle	1
Total	581

ROADWAY CLASSIFICATION

Unknown	137
Rural minor arterial or urban principal arterial	132
Rural or urban principal arterial	106
Urban collector or rural minor collector	82
Local	79
Urban minor arterial or rural major collector	45
Total	581

TOTAL NON-MOTORIZED CRASHES

Pedestrian	6
Pedalcyclist*	4
Total	10

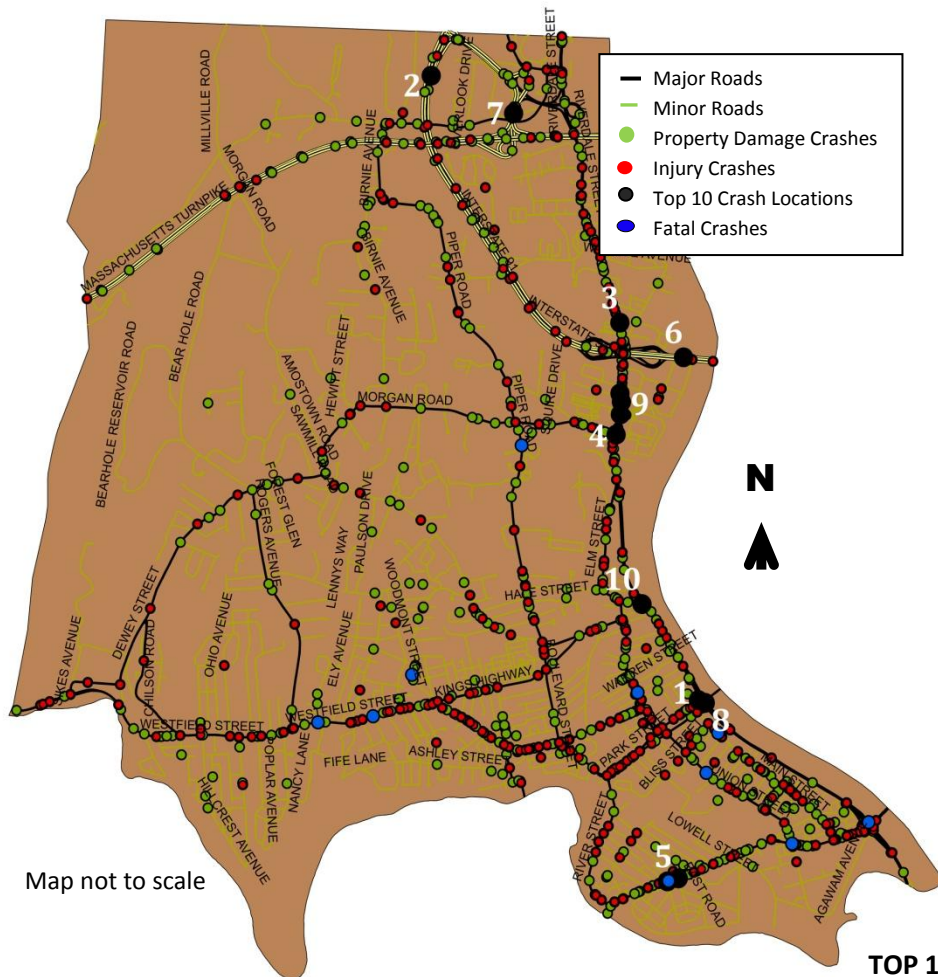
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	75
Distracted or inattention	28
Unknown	22
Driving too fast for conditions or speeding	19
Fatigue, Illness or Physical Impairment	19
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	12
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	8
Other improper action	5
Over correcting or over steering	5
Failure to keep in proper lane or running off road	4
Operating defective equipment	2
Glare or obstructed visibility	2
Failed to yield the right of way	1
Total	202

Pioneer Valley SafetyCompass

WEST SPRINGFIELD (2012 – 2014)



CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway	
2012	823	Angle	172	Fatal	4	Dry	609
		Head On	20	No injury	538	Ice	14
		Rear End	277	Non-fatal injury – I ^{\$}	8	Snow	27
		Side Swipe	134	Non-fatal injury – NC [^]	84	Wet	163
		Single Vehicle	208	Non-fatal injury – P [@]	130	Slush	3
		Not Reported	12	Not reported	59	Other	7
2013	727	Angle	170	Fatal	2	Dry	547
		Head On	24	No injury	467	Ice	19
		Rear End	237	Non-fatal injury – I ^{\$}	14	Snow	22
		Side Swipe	98	Non-fatal injury – NC [^]	84	Wet	133
		Single Vehicle	188	Non-fatal injury – P [@]	126	Slush	2
		Not Reported	10	Not reported	34	Other	4
2014	662	Angle	140	Fatal	4	Dry	485
		Head On	14	No injury	449	Ice	16
		Rear End	213	Non-fatal injury – I ^{\$}	13	Snow	20
		Side Swipe	94	Non-fatal injury – NC [^]	63	Wet	130
		Single Vehicle	188	Non-fatal injury – P [@]	114	Sand	5
		Not Reported	13	Not reported	19	Other	6
Total	2212	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	North End Bridge Rotary in the vicinity of Route 5 south bound ramp	86	142	6	Interstate I-91 in the vicinity of Exit 13A	32	68
2	Interstate I-91 northbound in the vicinity of Exit 14 ramp	56	112	7	I-91 Exit 14 and I-90 Exit 4 weaving section and ramps	42	66
3	Riverdale Street (Route 5) and Ashley Avenue	37	97	8	North End Bridge Rotary in the vicinity of Route 5 north bound ramp	33	65
4	Riverdale Street (Route 5) and Morgan Road	56	96	9	Riverdale Street (Route 5) and Dagget Drive	36	64
5	Memorial Avenue, Norman Street, Exposition Terrace, and E Road	24	77	10	Riverdale Street (Route 5) and East Elm Street	23	63

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 2,212 crashes in the City of West Springfield within the calendar years of 2012 to 2014.
- The total number of reported crashes was observed to be decreasing every year within the analysis period.
- A total of 10 fatal crashes occurred in the City within this period.
- Approximately 33% of the total crashes were rear end type, followed by single vehicle (26%), and angle (22%) type crashes.
- West Springfield experienced 66 non-motorist collisions within the analysis period which resulted in 5 pedestrian fatalities.

LOCATION OF CRASHES

Not at junction	1062
T-intersection	428
Four-way intersection	304
Off-ramp	129
Traffic circle	95
Y-intersection	64
On-ramp	60
Driveway	39
Unknown	28
Railway at-grade crossing	2
Five-point or more	1
Total	2212

TOTAL NON-MOTORIZED CRASHES

Pedestrian	39
Pedalcyclist	25
Wheelchair	2
Total	66

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	174
Unknown	108
Driving too fast for conditions or speeding	85
Distracted, Emotional or Inattention	57
Other improper action	32
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	28
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	26
Fatigue, Illness or Physical Impairment	23
Failure to keep in proper lane or running off road	19
Over correcting or over steering	12
Made an improper turn	6
Disregarded traffic signs, signals, road markings	4
Failed to yield right of way	3
Glare or obstructed visibility	3
Followed too closely	2
Operating defective equipment	1
Wrong side of the road	1
Total	584

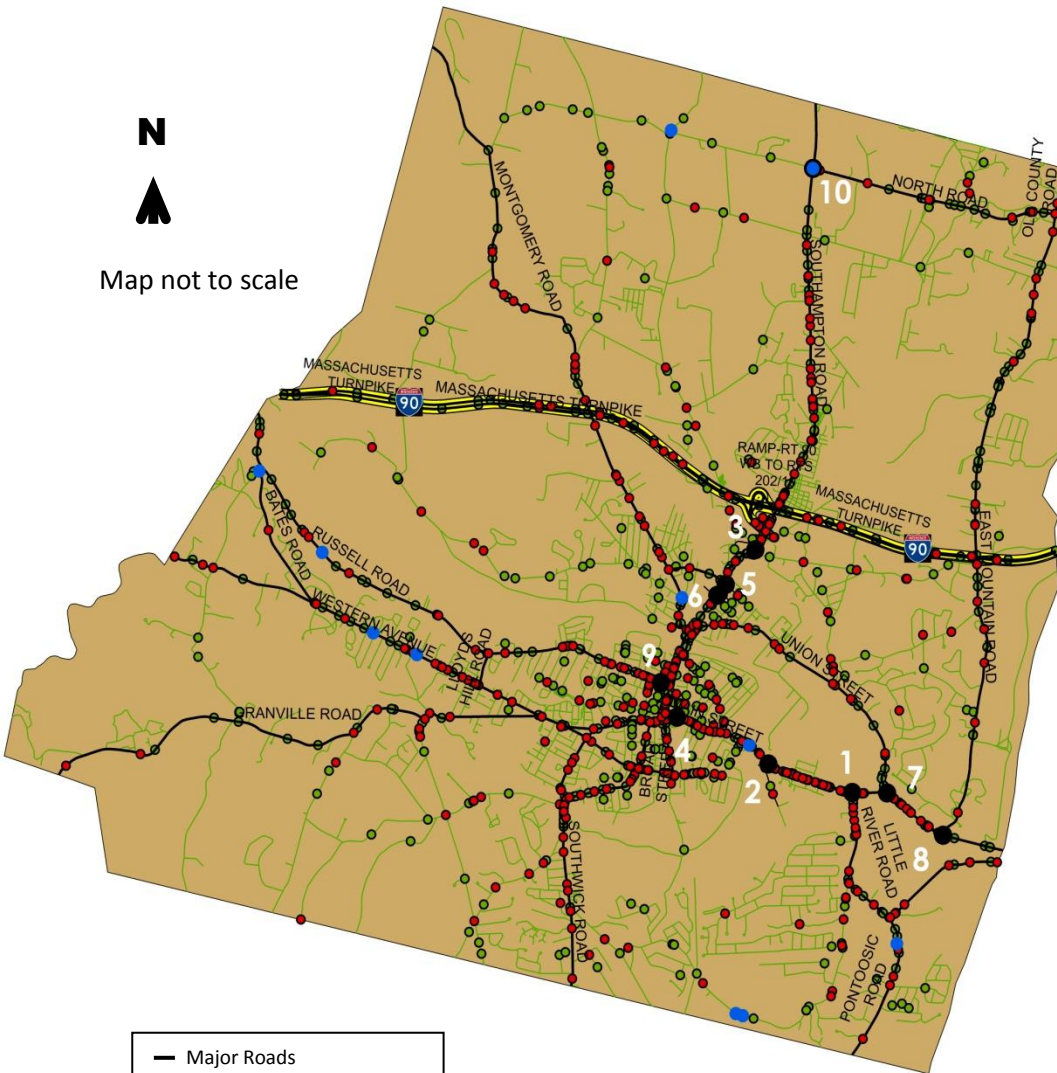
ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	1006
Urban minor arterial or rural major collector	455
Interstate	411
Local	155
Urban collector or rural minor collector	102
Unknown	83
Total	2212

Pioneer Valley SafetyCompass

WESTFIELD (2012 – 2014)

N
▲
Map not to scale



- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top 10 Crash Locations
- Fatal Crashes

CITY CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway Condition	
2012	778	Angle	241	Fatal	5	Dry	554
		Head On	24	No injury	483	Ice	18
		Rear End	218	Non-fatal injury – I ^{\$}	21	Snow	40
		Side Swipe	96	Non-fatal injury – NC [^]	144	Wet	158
		Single Vehicle	187	Non-fatal injury – P [@]	93	Sand	2
		Not Reported	12	Not reported	32	Other	6
2013	735	Angle	214	Fatal	5	Dry	544
		Head On	32	No injury	492	Ice	25
		Rear End	198	Non-fatal injury – I ^{\$}	14	Snow	34
		Side Swipe	93	Non-fatal injury – NC [^]	124	Wet	122
		Single Vehicle	189	Non-fatal injury – P [@]	82	Sand	4
		Not Reported	9	Not reported	18	Other	6
2014	623	Angle	147	Fatal	2	Dry	387
		Head On	29	No injury	423	Ice	35
		Rear End	172	Non-fatal injury – I ^{\$}	11	Snow	58
		Side Swipe	73	Non-fatal injury – NC [^]	107	Wet	126
		Single Vehicle	193	Non-fatal injury – P [@]	64	Sand	9
		Not Reported	9	Not reported	16	Other	8
Total	2136	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE CITY

Rank	Intersection	Crashes	EPDO*	Rank	Intersection	Crashes	EPDO*
1	East Main Street and Little River Road	47	131	6	North Elm Street and Harvard Street	32	60
2	East Main Street and Main Line Drive	24	64	7	Springfield Road and Union Street	28	60
3	North Elm Street and Holyoke Road	24	64	8	Springfield Road and East Mountain Road	22	58
4	Main Street and Free Street	20	64	9	Franklin Street and Maple Street	24	56
5	North Elm Street and Notre Dame Street	33	61	10	North Road and Southamptn Road	14	55

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

KEY FINDINGS:

- There were a total of 2136 crashes in the City within the calendar years of 2012 to 2014.
- The pattern of crashes was almost equally distributed between single vehicle (26%), rear end (27%), and angle (28%) type crashes.
- The total number of crashes has decreased within the 3 years of analysis period.
- There were a total of 12 fatal crashes within the 3 years. The number of fatal crashes reduced within the last year of the analysis period.
- Almost 18% of single vehicle crashes occurred because of speeding issues.
- More than 13% of the single vehicle crashes involved a distracted driver.
- More than half of the crashes in the City occurred at locations other than intersections.
- More crashes (26%) occurred at 3-way intersections compared to 4-way intersections (14%).

LOCATION OF CRASHES

Not at junction	1094
T-intersection	503
Four-way intersection	290
Driveway	118
Y-intersection	49
Traffic circle	28
Unknown	23
Off-ramp	15
On-ramp	12
Not reported	4
Grand Total	2136

TOTAL NON-MOTORIZED CRASHES

Pedestrian	37
Wheelchair	3
Pedalcyclist*	34
Total	74

*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

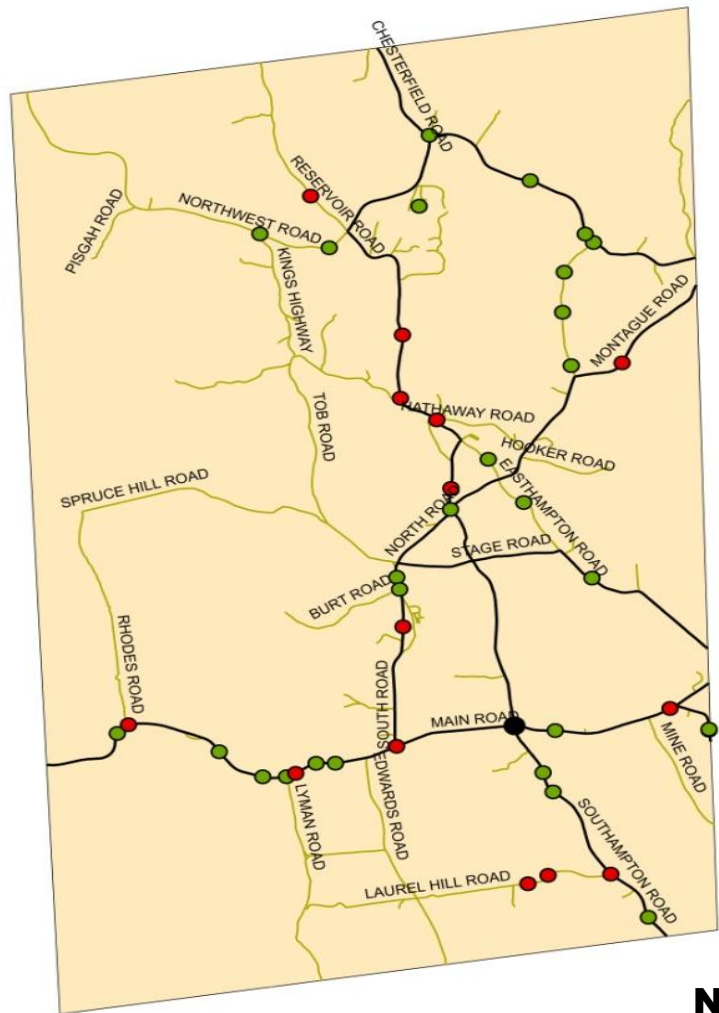
No improper driving	125
Driving too fast for conditions or speeding	101
Distracted or Inattention	76
Failure to keep in lane or yield right of way	49
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	46
Fatigue, Illness or Physical Impairment	44
Unknown	40
Over Correcting or Over Steering	24
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	23
Glare or obstructed visibility	16
Disregarded traffic signs, signals, road markings	15
Other improper action	4
Operating defective equipment	3
Driving Wrong Side of the Road	2
Followed too closely	1
Total	569

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	601
Rural or urban principal arterial	443
Urban minor arterial or rural major collector	397
Local	287
Urban collector or rural minor collector	194
Interstate	130
Unknown	84
Grand Total	2136

Pioneer Valley SafetyCompass

WESTHAMPTON (2012 – 2014)



Map not to scale



—	Major Roads
—	Minor Roads
●	Property Damage Crashes
●	Injury Crashes
●	Top Crash Location

TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway Condition	Weather Condition
2012	20	Angle 1	No injury 11	Dry 12	Clear 12
		Side Swipe 2	Non-fatal injury - I ^{\$} 2	Snow 2	Cloudy 2
		Single Vehicle 17	Non-fatal injury - NC [^] 3	Wet 2	Snow 2
			Non-fatal Injury - P [@] 3	Sand 3	Rain 1
			Not Reported 1	Other 1	NR* 2
					Sleet 1
2013	15	Angle 1	No injury 9	Dry 8	Clear 8
		Side Swipe 1	Non-fatal injury - I ^{\$} 1	Ice 2	Cloudy 3
		Single Vehicle 13	Non-fatal injury - NC [^] 2	Sand 2	Rain 2
			Non-fatal Injury - P [@] 2	Wet 2	Snow 2
			Not Reported 1	Snow 1	
2014	19	Angle 3	No injury 16	Dry 8	Clear 10
		Head On 1	Non-fatal injury - I ^{\$} 1	Ice 2	Cloudy 2
		Side Swipe 1	Non-fatal injury - NC [^] 2	Snow 5	NR* 1
		Single Vehicle 14		Wet 4	Rain 2
					Snow 4
Total	54	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			

TOP CRASH LOCATION IN TOWN:

The intersection of Main Road (Route 66) and Southampton Road.

Total Crashes: 4, EPDO* - 8

*EPDO – Equivalent Property Damage Only

(Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

KEY FINDINGS:

- The Town of Westhampton experienced a total of 54 crashes within the calendar years of 2012 to 2014.
- In the year 2012, there was a crash involving a wheelchair which resulted in a non-incapacitating injury along South Road between the two intersections of Cemetery Road.
- More than 81% (44 out of 54) of the total crashes are single vehicle collisions with other objects.
- Speeding was observed to be a leading cause for more than 31% of the single vehicle crashes.
- Collisions of motor vehicles with embankments and trees have resulted in a total of 20 crashes.

AMBIENT LIGHT

Daylight	32
Dark - roadway not lighted	17
Dark – lighted roadway	5
Total	54

FIRST HARMFUL EVENT

Collision with embankment	10
Collision with tree	10
Collision with motor vehicle in traffic	9
Collision with other	4
Collision with animal - deer	3
Collision with unknown fixed object	3
Collision with utility pole	3
Collision with animal - other	2
Collision with ditch	2
Collision with guardrail	2
Collision with other light pole or other post/support	2
Overturn/rollover	2
Collision with other movable object	1
Not reported	1
Total	54

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

Driving too fast for conditions or speeding	14
No improper driving	9
Distracted or inattention	5
Failure to keep in proper lane or running off road	4
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	3
Unknown	3
Fatigue, Illness or Physical Impairment	2
Other improper action	2
Operating defective equipment	1
Glare or obstructed visibility	1
Total	44

LOCATION OF CRASHES

Not at junction	45
Four-way intersection	4
T-intersection	4
Y-intersection	1
Total	54

ROADWAY CLASSIFICATION

Urban minor arterial or rural major collector	34
Local	9
Unknown	9
Urban collector or rural minor collector	2
Total	54

Pioneer Valley SafetyCompass

WILBRAHAM (2012 – 2014)

TOWN CRASH PROFILE

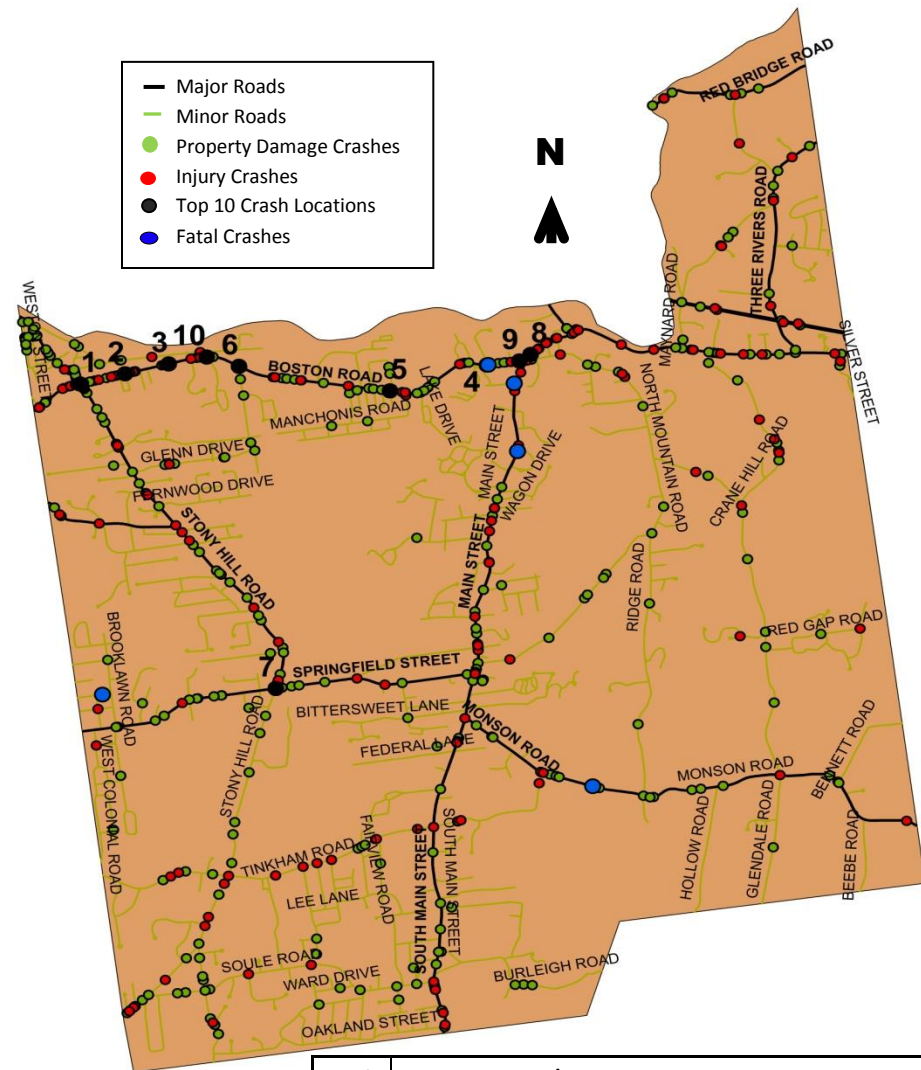
Year	Total	Manner of Collision		Severity		Roadway	
2012	317	Angle	85	Fatal	3	Dry	251
		Head On	3	No injury	228	Ice	3
		Rear End	109	Non-fatal injury – I ^{\$}	9	Snow	21
		Side Swipe	24	Non-fatal injury – NC [^]	41	Wet	41
		Single Vehicle	95	Non-fatal injury – P [@]	23	Other	1
		Not Reported	1	Not reported	13		
					7		
2013	304	Angle	71	Fatal	1	Dry	217
		Head On	9	No injury	231	Ice	5
		Rear End	110	Non-fatal injury – I ^{\$}	10	Snow	13
		Side Swipe	25	Non-fatal injury – NC [^]	28	Wet	68
		Single Vehicle	84	Non-fatal injury – P [@]	23	Sand	1
		Not Reported	5	Not reported	11		
2014	313	Angle	86	Fatal	2	Dry	197
		Head On	8	No injury	234	Ice	10
		Rear End	91	Non-fatal injury – I ^{\$}	7	Snow	42
		Side Swipe	30	Non-fatal injury – NC [^]	45	Wet	61
		Single Vehicle	96	Non-fatal injury – P [@]	19	Other	3
		Not Reported	2	Not reported	6		
Total	934	^ Non Incapacitating @ Possible \$ Incapacitating					

TOP 10 CRASH LOCATIONS IN THE TOWN

Rank	Intersection/Location	Crashes	EPDO*	Rank	Intersection/Location	Crashes	EPDO*
1	Boston Road and Stony Hill Road	71	123	6	Boston Road and Brainard Road	12	32
2	Boston Road and Stony Hill Plaza Driveway	28	52	7	Stony Hill Road and Springfield Street	19	31
3	Boston Road (Between Lia Toyota and Woodcrest Drive)	20	44	8	Boston Road and Main Street	15	31
4	Boston Road and Railroad Avenue	12	41	9	Boston Road and Maple Street	11	31
5	Boston Road, Post Office Park, and Grant Street	18	34	10	Boston Road and Cherry Drive	14	26

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

Map not to scale



KEY FINDINGS:

- There were a total of 934 crashes in the Town of Wilbraham within the calendar years of 2012 to 2014.
- Approximately 33% of the total crashes were rear end type, followed by single vehicle (29.4%), and angle (26%) type crashes.
- A total of 6 fatal crashes and 26 incapacitating injury crashes were reported in the Town.
- A total of 13 non-motorist crashes were reported in the Town during the analysis period.
- A large number of single vehicle crashes did not have a complete report that included a driver contribution factor.
- A total of five out of the top 10 crash locations in the Town are signalized intersections.

LOCATION OF CRASHES

Not at junction	533
T-intersection	199
Four-way intersection	122
Driveway	51
Y-intersection	25
Unknown	3
Traffic circle	1
Total	934

ROADWAY CLASSIFICATION

Rural minor arterial or urban principal arterial	399
Urban minor arterial or rural major collector	287
Urban collector or rural minor collector	118
Local	79
Interstate	31
Unknown	20
Total	934

TOTAL NON-MOTORIZED CRASHES

Pedestrian	9
Pedalcyclist*	4
Total	13

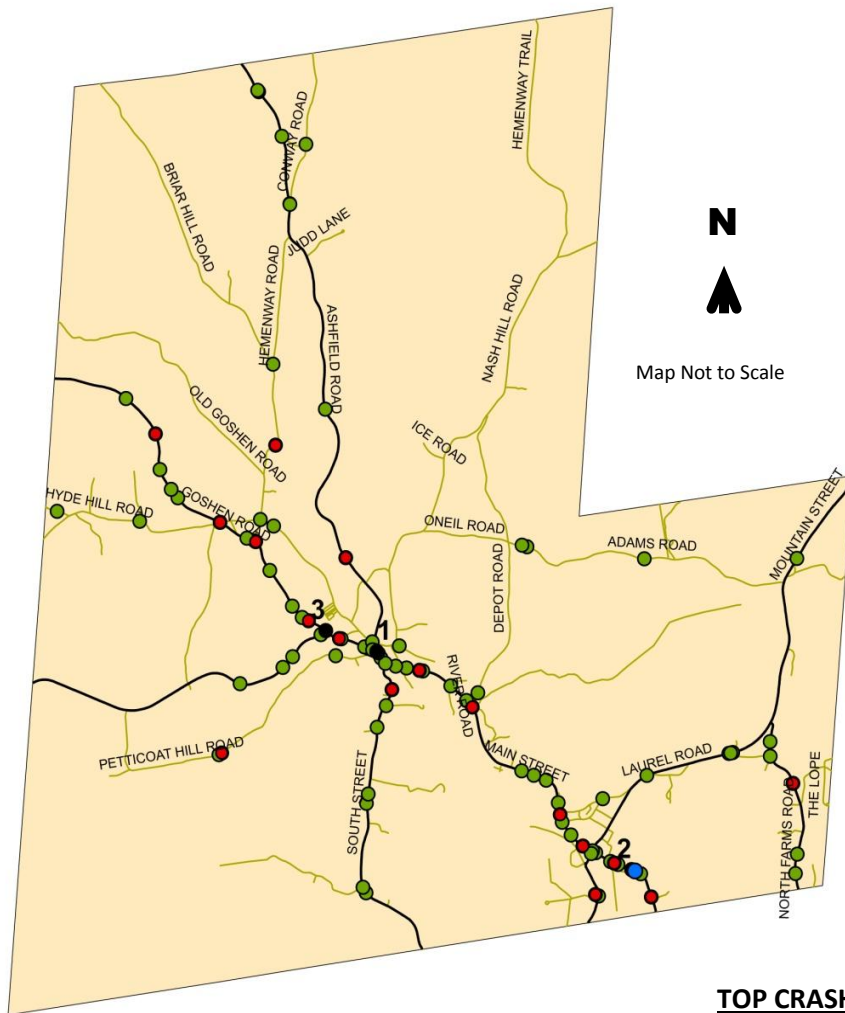
*Pedalcyclist – Anyone riding a unicycle, bicycle, tricycle, or a pedal car.

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

Unknown	102
No improper driving	60
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	33
Distracted or Inattention	29
Driving too fast for conditions or speeding	14
Over correcting or over steering	8
Failure to keep in proper lane or running off road	7
Fatigue, Illness or Physical Impairment	7
Other improper action	6
Disregarded traffic signs, signals, road markings	3
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	2
Glare or obstructed visibility	2
Made an improper turn	1
Wrong side of the road	1
Total	275

Pioneer Valley SafetyCompass

WILLIAMSBURG (2012 – 2014)



TOWN CRASH PROFILE

Year	Total	Manner of Collision		Severity		Roadway		Weather	
2012	54	Angle	5	Fatal Injury	0	Dry	31	Clear	27
		Head On	2	No injury	40	Ice	2	Cloudy	9
		Rear End	7	Non-fatal injury - I ^{\$}	1	Snow	8	Snow	9
		Side Swipe	4	Non-fatal injury - NC [^]	7	Wet	6	Rain	4
		Single Vehicle	34	Non-fatal Injury - P [@]	1	Sand		NR*	3
		Not Reported	2	Not Reported	5	Other	7	Sleet	2
2013	57	Angle	9	Fatal	0	Dry	38	Clear	36
		Head On	3	No injury	45	Ice	4	Cloudy	11
		Rear End	12	Non-fatal injury - I ^{\$}	0	Sand	1	NR*	3
		Side Swipe	0	Non-fatal injury - NC [^]	5	Wet	8	Rain	3
		Single Vehicle	29	Non-fatal Injury - P [@]	2	Snow	2	Snow	4
		Not Reported	4	Not Reported	5	Other	4		
2014	41	Angle	3	Fatal Injury	1	Dry	26	Clear	28
		Head On	0	No injury	28	Ice	2	Cloudy	8
		Rear End	8	Non-fatal injury - I ^{\$}	0	Sand	3	NR*	1
		Side Swipe	2	Non-fatal injury - NC [^]	4	Snow	4	Rain	2
		Single Vehicle	27	Non-fatal Injury - P [@]	6	Wet	4	Snow	2
		Not Reported	1	Not Reported	2	Other	2	Sleet	
Total	152	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported							

TOP CRASH LOCATIONS IN TOWN:

1. The area in the vicinity of the intersections of Williams Street (Route 9) with North Street and Petticoat Hill Road. (Total Crashes – 7, EPDO* - 11)
2. The Intersection of Main Street (Route 9) and Myrtle Avenue. (Location of the Fatal Crash in 2014) (Total Crashes – 2, EPDO* - 11)
3. The Intersection of Goshen Road (Route 9), Williams Street (Route 9), and Chesterfield Road (Route 143) (Total Crashes – 6, EPDO* - 10)

*EPDO – Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Only = 1)

- Major Roads
- Minor Roads
- Property Damage Crashes
- Injury Crashes
- Top 3 Crash Locations
- Fatal Crash

KEY FINDINGS:

- The Town of Williamsburg experienced a total of 152 crashes within the calendar years of 2012 to 2014.
- In the year 2012, there was a crash involving a pedestrian which was not reported as having caused any injury.
- Nearly 60% (90 out of 152) of the total crashes are single vehicle collisions with other objects.
- Speeding was observed to be a cause for 20% of the single vehicle crashes.
- Collisions of motor vehicles with deer and trees have resulted in a total of 30 crashes.

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	46
Other	25
Collision with other light pole or other post/support	18
Collision with animal - deer	17
Collision with tree	13
Collision with guardrail	8
Collision with parked motor vehicle	8
Collision with embankment	5
Collision with ditch	3
Overturn/rollover	3
Collision with bridge	2
Collision with curb	2
Collision with pedestrian	1
Collision with work zone maintenance equipment	1
Total	152

AMBIENT LIGHT

Daylight	94
Dark	46
Dawn/Dusk	9
Not Known	3
Total	152

DRIVER CONTRIBUTION CODES FOR SINGLE VEHICLE CRASHES

No improper driving	30
Driving too fast for conditions or speeding	18
Unknown	11
Distracted or Inattention	9
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	7
Fatigue, Illness or Physical Impairment	5
Failure to keep in proper lane or running off road	3
Over correcting or over steering	3
Swerving or avoiding due to wind, slippery surface, vehicle, object, etc	3
Wrong side of the road	1
Total	90

LOCATION OF CRASHES

Not at junction	116
T-intersection	13
Driveway	9
Four-way intersection	9
Not reported	2
Y-intersection	2
Unknown	1
Total	152

ROADWAY CLASSIFICATION

Rural or urban principal arterial	75
Unknown	26
Urban minor arterial or rural major collector	25
Local	19
Rural minor arterial or urban principal arterial	6
Urban collector or rural minor collector	1
Total	152

Pioneer Valley SafetyCompass

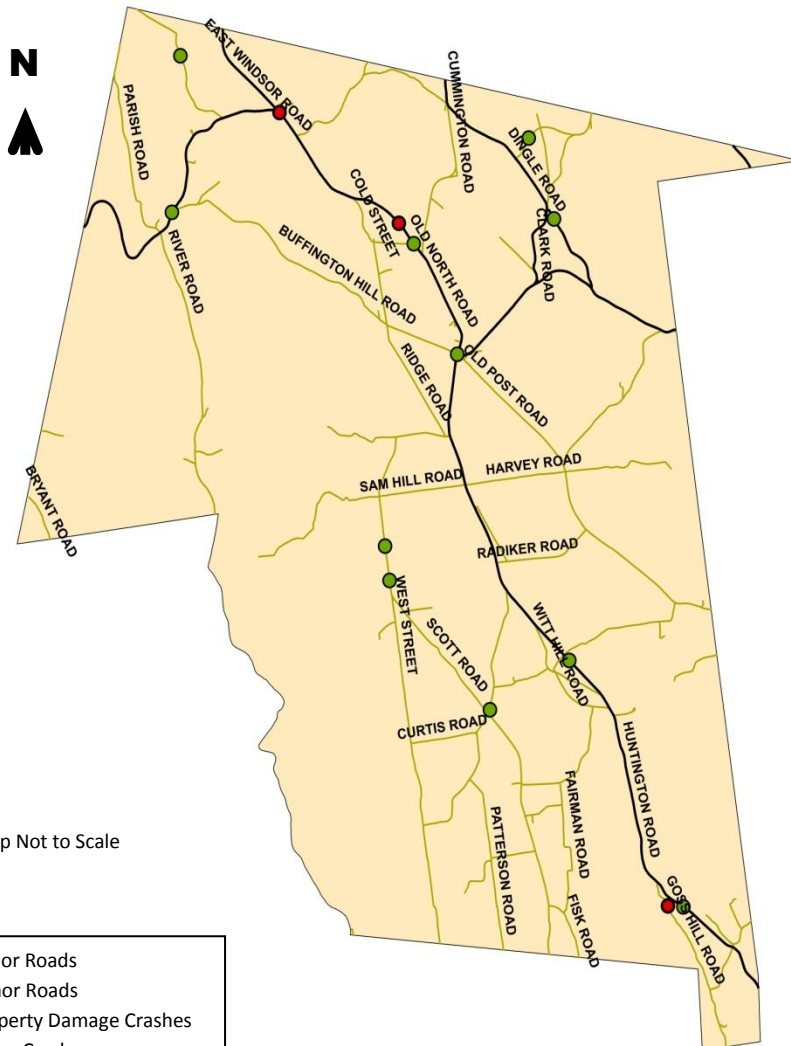
WORTHINGTON (2012 – 2014)

TOWN CRASH PROFILE

Year	Total	Manner of Collision	Severity	Roadway	Weather
2012	4	Angle 2	No Injury 4	Dry 1	Clear 2
		Single Vehicle 2		Ice 1	Snow 1
				Snow 2	NR* 1
2013	6	Angle 1	No injury 2	Dry 2	Clear 3
		Single Vehicle 5	Non-fatal injury - I ^{\$} 1	Sand 1	Cloudy 1
			Non-fatal injury - NC^ 1	Wet 2	Rain 1
			Non-fatal Injury - P [@] 1	Snow 1	Snow 1
			Not Reported 1		
2014	10	Angle 1	No Injury 10	Dry 4	Clear 6
		Rear End 1		Ice 2	Snow 4
		Single Vehicle 7		Snow 4	
		Not Reported 1			
Total	20	^ Non Incapacitating @ Possible \$ Incapacitating * Not Reported			

INJURY CRASH LOCATIONS IN TOWN:

1. Intersection of Old North Road (Route 143) and East Windsor Road.
2. North of the intersection of Old North Road (Route 143) and Cold Street.
3. Goss Hill Road, south of the intersection with Huntington Road (Route 112).



KEY FINDINGS:

- The Town of Worthington experienced a total of 20 crashes within the calendar years of 2012 to 2014.
- The total number of crashes increased each year within the analysis period.
- A total of 14 crashes were single vehicle crashes.
- Speeding was cited as a leading contributing factor in 7 out of the total 20 crashes.
- Collisions of motor vehicles with guardrails and trees have resulted in a total of 6 crashes.

AMBIENT LIGHT

Daylight	14
Dark - roadway not lighted	6
Total	20

FIRST HARMFUL EVENT

Collision with motor vehicle in traffic	5
Collision with guardrail	3
Collision with tree	3
Collision with ditch	2
Collision with animal - other	1
Collision with embankment	1
Collision with other object	1
Collision with other movable object	1
Collision with parked motor vehicle	1
Collision with utility pole	1
Not reported	1
Total	20

DRIVER CONTRIBUTION CODES

Driving too fast for conditions or speeding	7
No improper driving	6
Distracted or inattention	2
Unknown	1
Failure to keep in proper lane or running off road	1
Fatigue, Illness or Physical Impairment	1
Followed too closely	1
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	1
Total	20

LOCATION OF CRASHES

Not at junction	16
T-intersection	2
Driveway	1
Y-intersection	1
Total	20

ROADWAY CLASSIFICATION

Unknown	8
Local	5
Urban minor arterial or rural major collector	5
Rural minor arterial or urban principal arterial	1
Urban collector or rural minor collector	1
Total	20