

Vulnerable Road User Safety Study — January 2024

UNIFIED PLANNING WORK PROGRAM 2023-2024

Update on Walk Audits Map

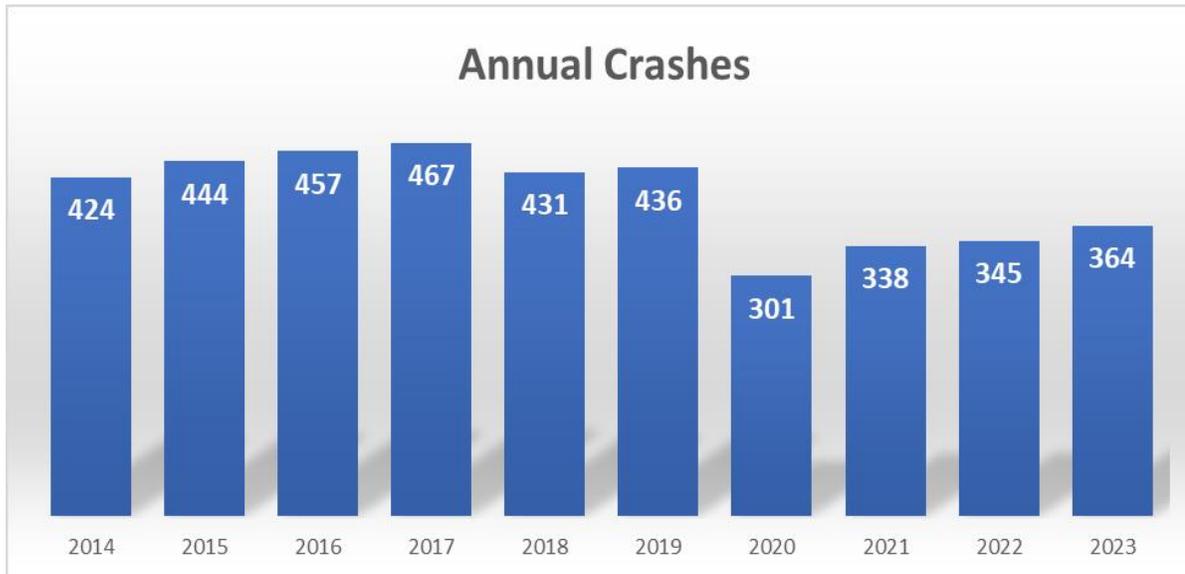
Additional Locations from SRTS

Input / Feedback from MassBike

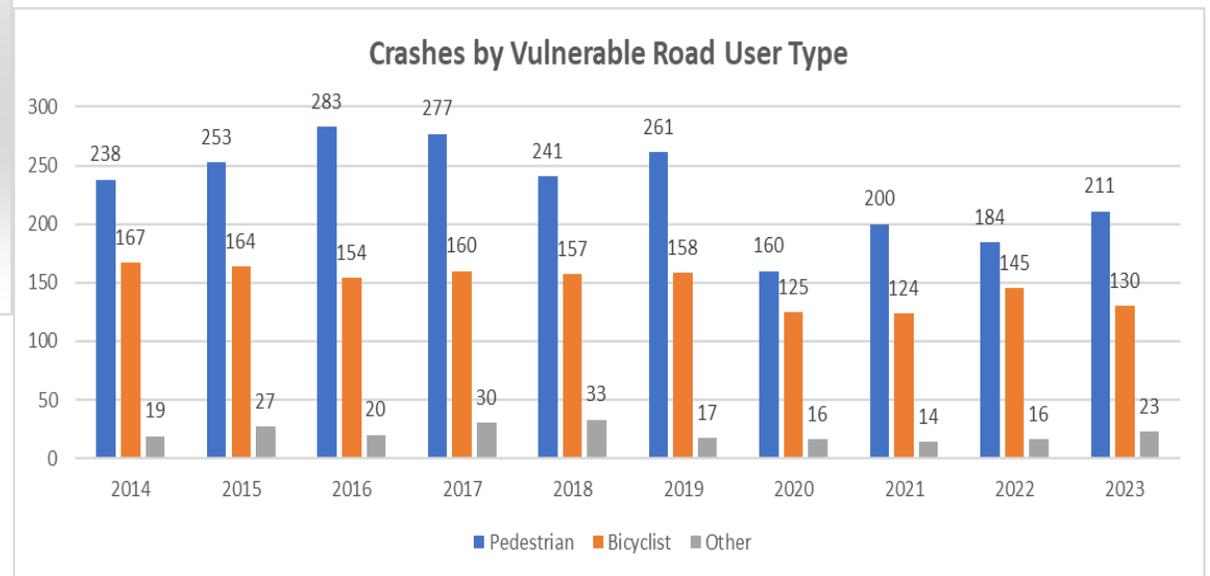
Additional Locations from WalkMassachusetts

Updated Map – In Process

Ten Year Crash History in Pioneer Valley



Other VRU type include skateboarder, train/trolley passenger, wheelchair user, unicyclist, tricyclist, and other miscellaneous non-motorists



Note – Data for 2021,2022,and 2023 is Not Finalized so there is a possibility of change in totals

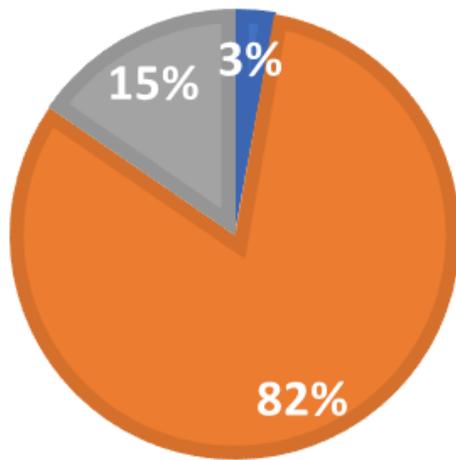
Top 10 High VRU Crashes Community (2014-2023)

No.	Community	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
1	Springfield	182	214	201	204	210	176	120	159	113	132	1711
2	Chicopee	36	45	53	51	40	62	37	28	43	57	452
3	Holyoke	45	42	51	45	40	41	26	35	37	38	400
4	Northampton	27	24	26	26	21	24	16	16	19	21	220
5	Westfield	19	19	18	21	15	24	33	17	20	19	205
6	Amherst	21	25	26	21	27	20	9	15	12	13	189
7	West Springfield	20	17	15	24	9	23	22	17	24	14	185
8	Agawam	7	8	5	12	5	11	5	7	8	8	76
9	Ludlow	7	1	9	3	13	10	3	4	11	8	69
10	Easthampton	10	5	4	2	6	6	4	9	11	7	64

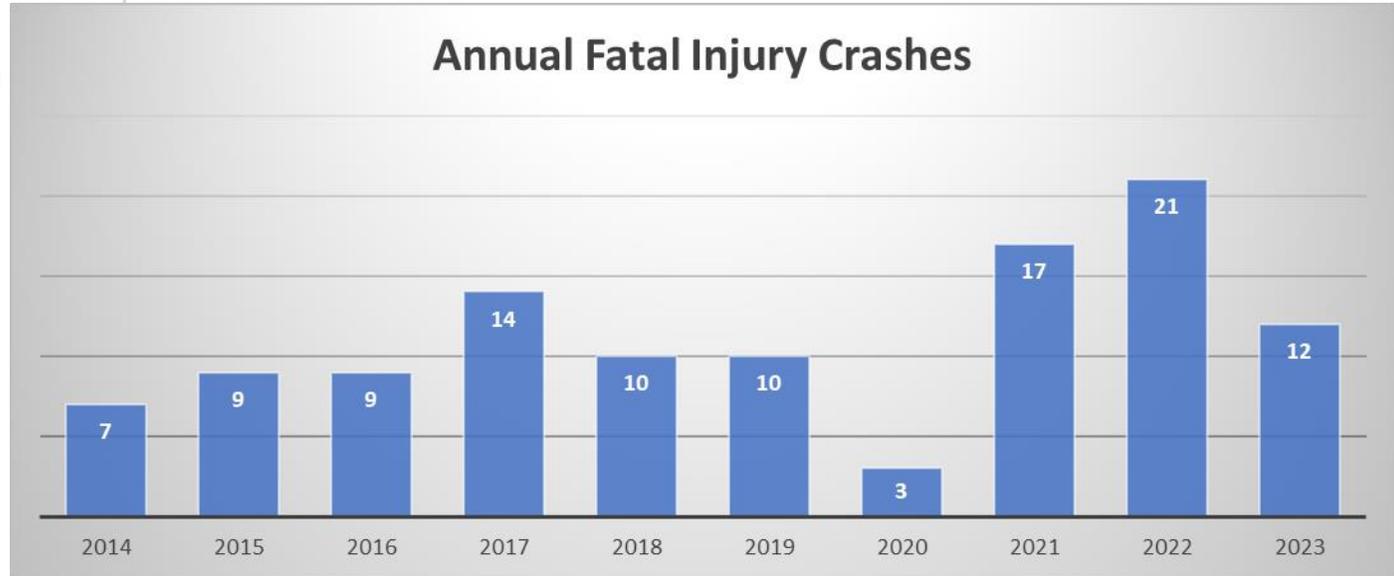
Fatal Injury Crashes and Fatalities

SEVERITY OF ALL VRU CRASHES (4007) IN PAST DECADE

■ Fatal injury ■ Non-fatal injury ■ Property damage only (none injured)

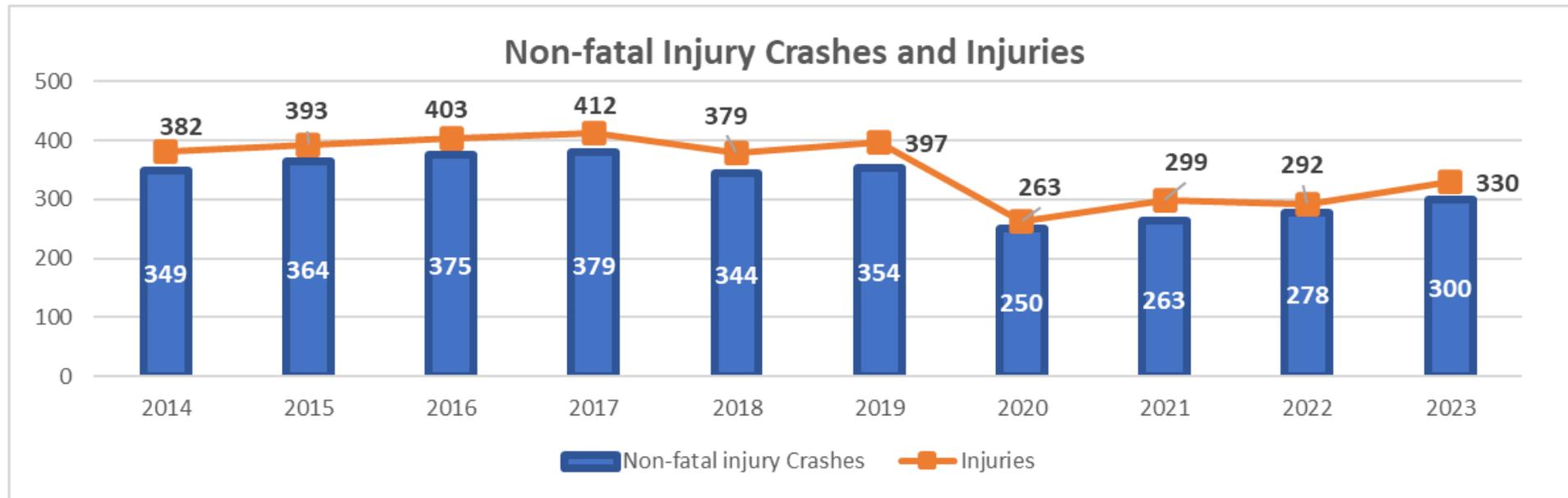


Annual Fatal Injury Crashes



There were in Total 113 Fatalities in 112 Crashes.
One crash in CY 2022 resulted in 2 fatalities.

Injury Crashes and Injuries



Criteria to Score / Select Locations for In-Depth Safety Study

- VRU Crash Severity (Fatality + Serious Injury) for the last 10 years
- Is the location part of an existing bike/ped crash cluster (should regular crash clusters be included in this?)
- Has the community provided a letter of support for the study and pledged to implement recommendations?
- Is the location in a defined EJ+ area?
- Has a study or audit been performed in the area in the last 5 years? In the last 10 years?
- Current community Massachusetts Complete Streets Program status
- Does the community have an adopted Vision Zero or Safe Systems Approach Policy?
- Last date of safety improvement implementation in requested study area?
- Is there a current TIP project in the study area that could address safety issues?
- Length of study area
- Most recent bicycle or pedestrian volume in the study area (unlikely we'd get for all locations, but maybe worth asking for)

In-put on Criteria?

Any Additional Criteria?

Questions?

Comments

