



City of Salisbury SHSP

.....

2018-2020



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Index

Page	Product Title
3.	City of Salisbury Overall Crash Analysis (Infographic)
4.	City of Salisbury Overall Crash Density Analysis (Map)
5.	Overall Crash Analysis Day and Time Comparison (Temporal Topology)
6.	City of Salisbury Speeding Crash Analysis (Infographic)
7.	City of Salisbury Speeding Crash Density Analysis (Map)
8.	Speeding Crash Analysis Day and Time Comparison (Temporal Topology)
9.	City of Salisbury Pedestrian Crash Analysis (Infographic)
10.	City of Salisbury Pedestrian Crash Density Analysis (Map)
11.	Pedestrian Crash Analysis Day and Time Comparison (Temporal Topology)
12.	City of Salisbury Bicycle Crash Analysis (Infographic)
13.	City of Salisbury Bicycle Crash Density Analysis (Map)
14.	Bicycle Crash Analysis Day and Time Comparison (Temporal Topology)
15.	Appendix

City of Salisbury

Overall Crashes On Municipal and Private Roads

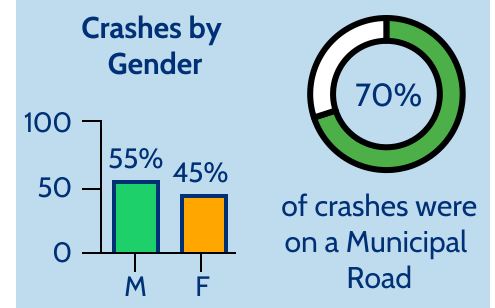
2018-2020

Overall Crash Statistics

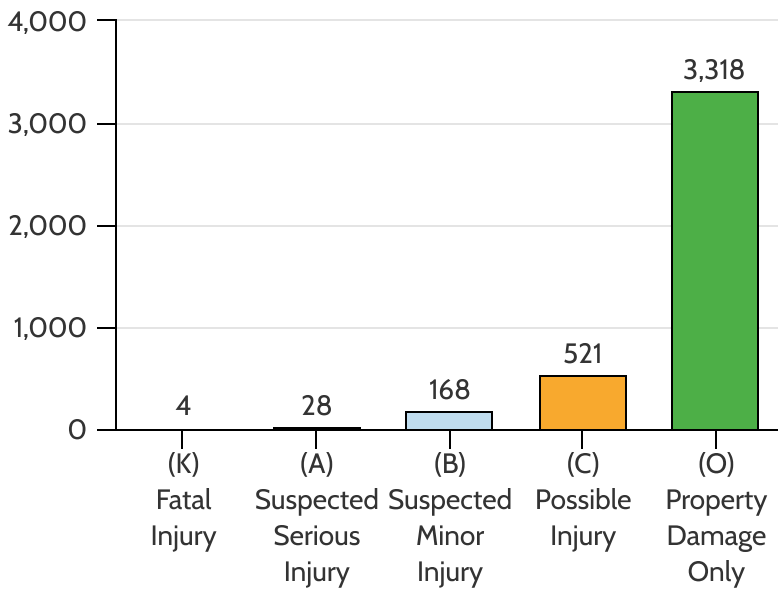
Top Hour: 1400
 Top Day: Friday
 Top Month: October

1,662

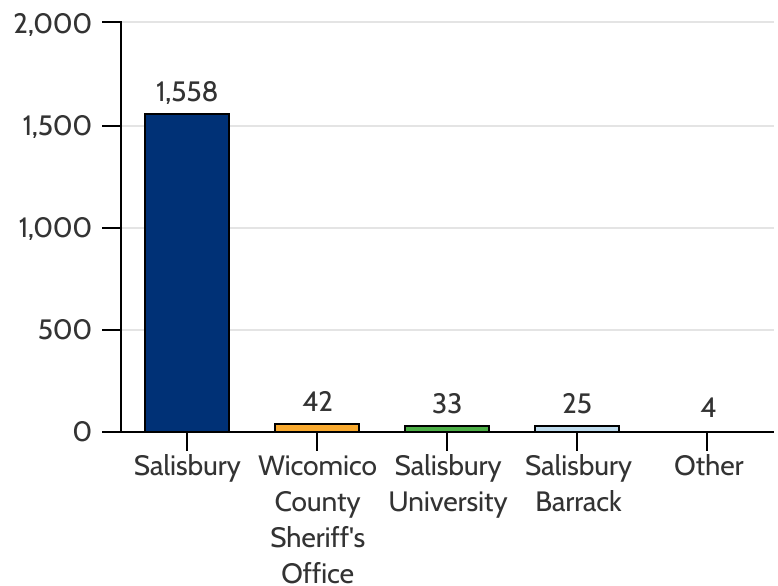
Total Crashes



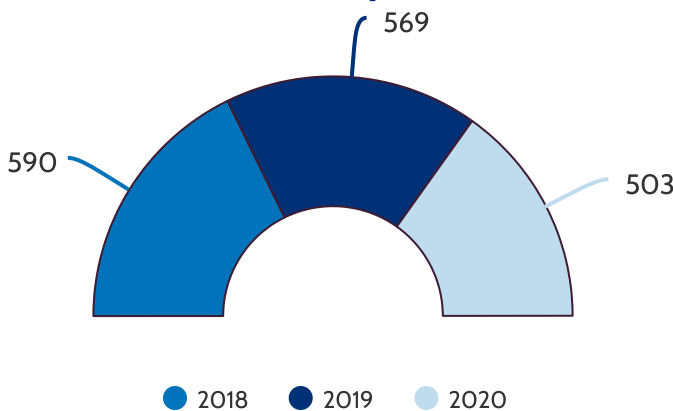
Person Report Counts



Reporting Agencies



Crashes by Year



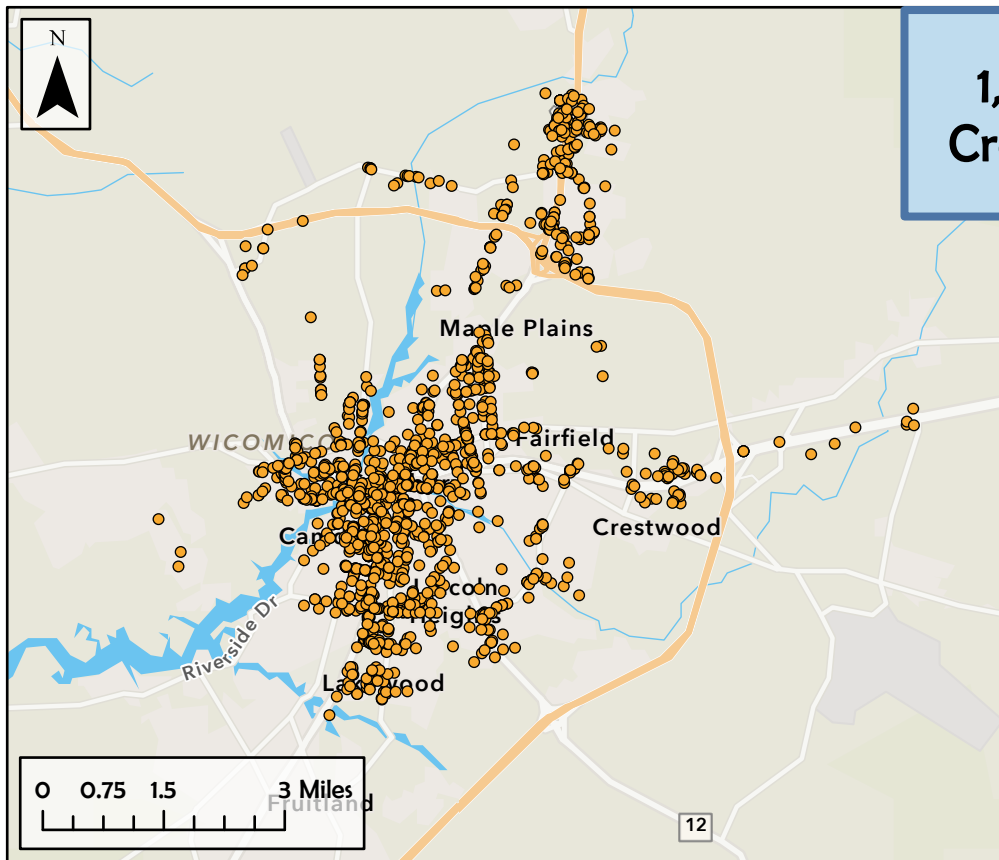
Top Roads Where Crashes Occurred

- 1 - E Church St
- 2 - Eastern Shore Dr
- 3 - Mill St

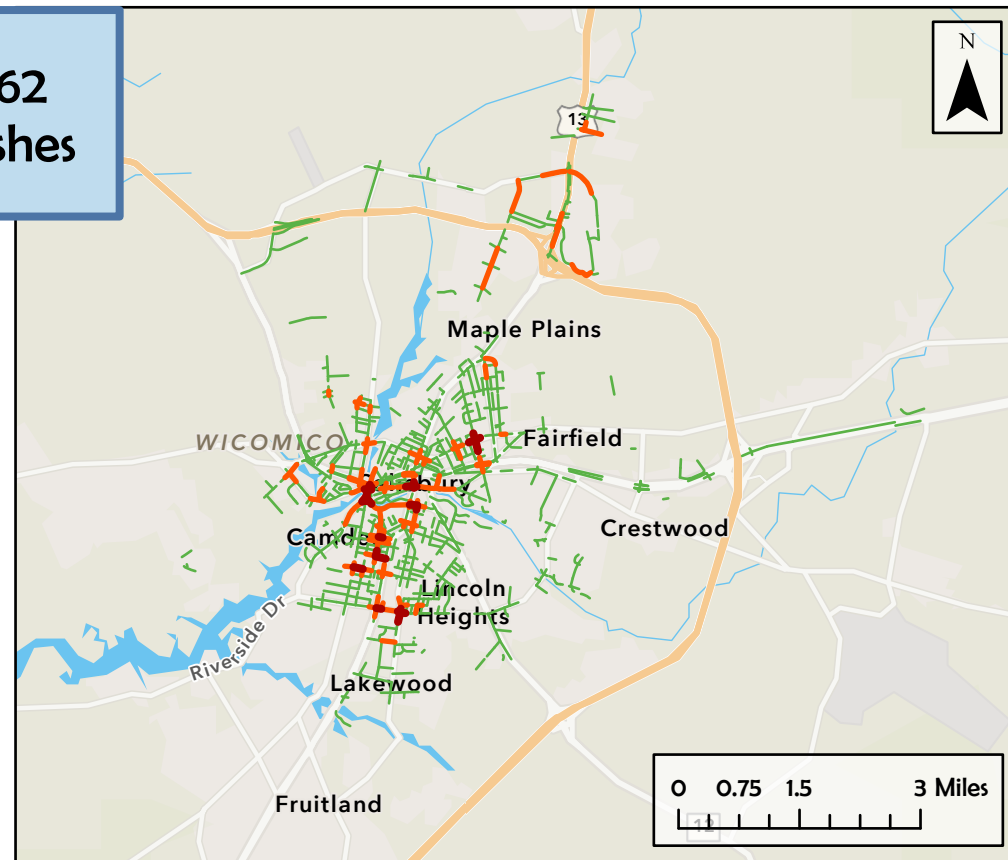
Salisbury Crash Density Analysis

Overall Crashes On Municipal and Private Roads

2018 - 2020



1,662
Crashes



● Overall Crash Points

Sources: State Highway Administration
Washington College GIS Program

Top Areas

Mill St between Newton St and US-50

Truitt St and E Church St Intersection

E Main St and US-13 Intersection

Density of Crashes on Roadways

- Low (1-5)
- Medium (6-13)
- High (14-26)

This map features one mile road segments which divide all roads within the Salisbury municipal boundary into equally sized segments and count the number of crashes that occurred within each segment. The segments are then color coded based on the tally of crashes in each one.

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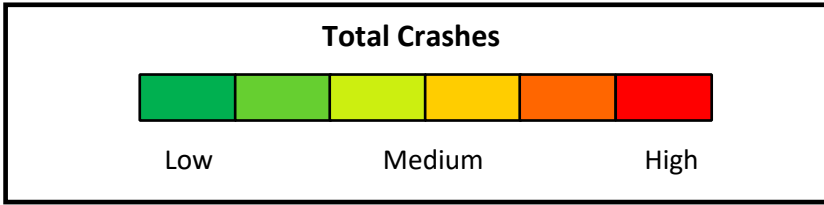
Disclaimer: The crashes displayed on the map as well as any other information is limited in its scope and purpose. It was compiled and collected for the purpose of identifying, evaluating, and planning safety enhancements, utilizing Federal-aid highway funds pursuant to sections 130, 144 and/or 148 of Title 23 of the United States Code.

Day and Time Comparison

City of Salisbury 2018-2020 Overall Crash Analysis

Time of Day		Day of Week	
0000	28	Sunday	199
0100	32	Monday	213
0200	38	Tuesday	265
0300	18	Wednesday	258
0400	9	Thursday	229
0500	15	Friday	289
0600	29	Saturday	209
0700	48	Top Three Times of Day	
0800	65	1400	
0900	90	1500	
1000	80	1200	
1100	105	Top Three Days of Week	
1200	135	Friday	
1300	97	Tuesday	
1400	162	Wednesday	
1500	145	Top Three Times and Days	
1600	123	Friday from 1300 to 1500	
1700	114	Tuesday from 1400 to 1600	
1800	90	Wednesday from 1400 to 1600	
1900	60		
2000	56		
2100	42		
2200	45		
2300	36		

Day/Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Total
0000	9	6	5	0	0	2	6	28
0100	10	0	3	4	3	2	10	32
0200	13	3	1	2	2	8	9	38
0300	8	2	0	1	1	2	4	18
0400	1	2	0	1	2	1	2	9
0500	2	2	3	1	3	3	1	15
0600	3	4	10	3	2	6	1	29
0700	1	5	4	13	11	10	4	48
0800	4	9	11	16	12	7	6	65
0900	4	15	17	10	12	22	10	90
1000	8	8	17	14	12	10	11	80
1100	10	17	18	17	20	16	7	105
1200	11	17	24	19	19	20	25	135
1300	11	9	12	14	15	23	13	97
1400	13	21	27	31	23	33	14	162
1500	19	24	26	26	17	23	10	145
1600	5	17	28	22	19	22	10	123
1700	7	14	17	26	17	18	15	114
1800	20	9	11	12	9	16	13	90
1900	8	8	9	9	8	12	6	60
2000	10	9	8	8	6	8	7	56
2100	10	3	3	2	6	9	9	42
2200	6	6	2	5	7	11	8	45
2300	6	3	9	2	3	5	8	36
Grand Total	199	213	265	258	229	289	209	1,662



Maryland Highway Safety Office



City of Salisbury

Speeding Crashes On Municipal and Private Roads

2018-2020

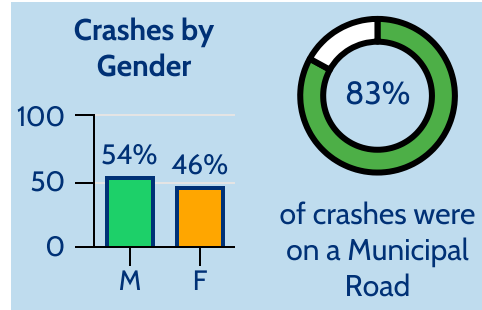
Speeding Crash Statistics

Top Hour: 1400

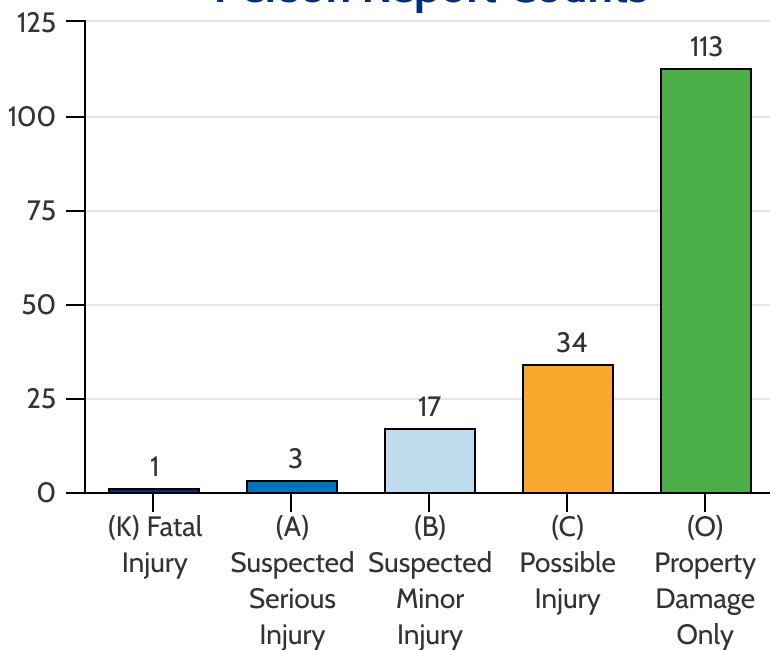
Top Days: Tuesday & Friday

Top Month: January

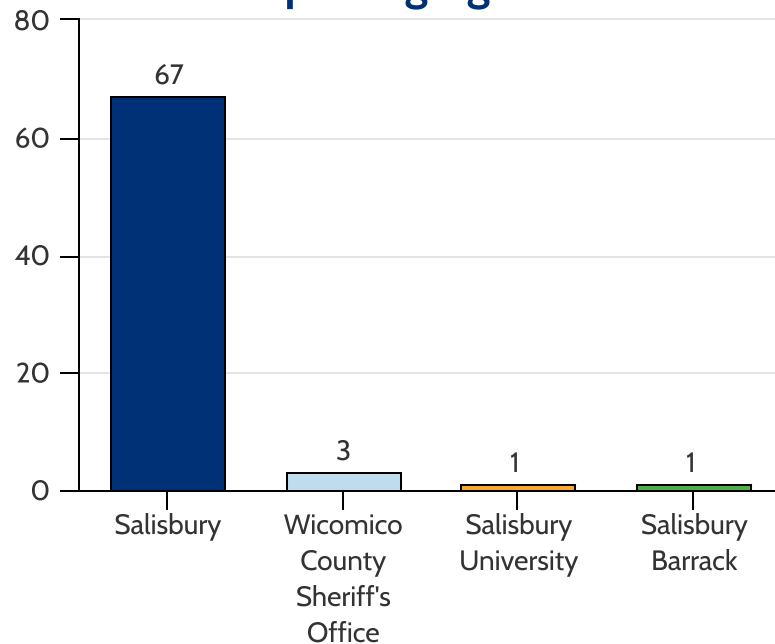
72
Total Crashes



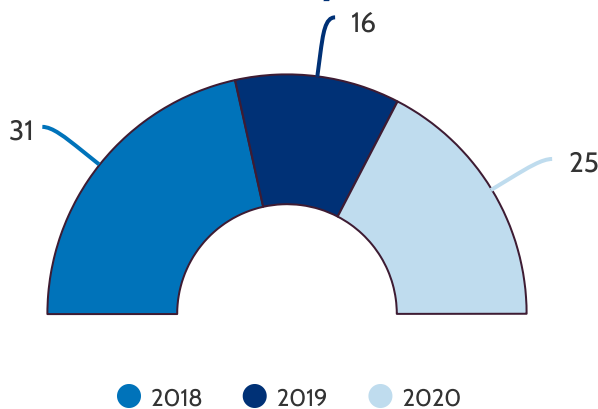
Person Report Counts



Reporting Agencies



Crashes by Year



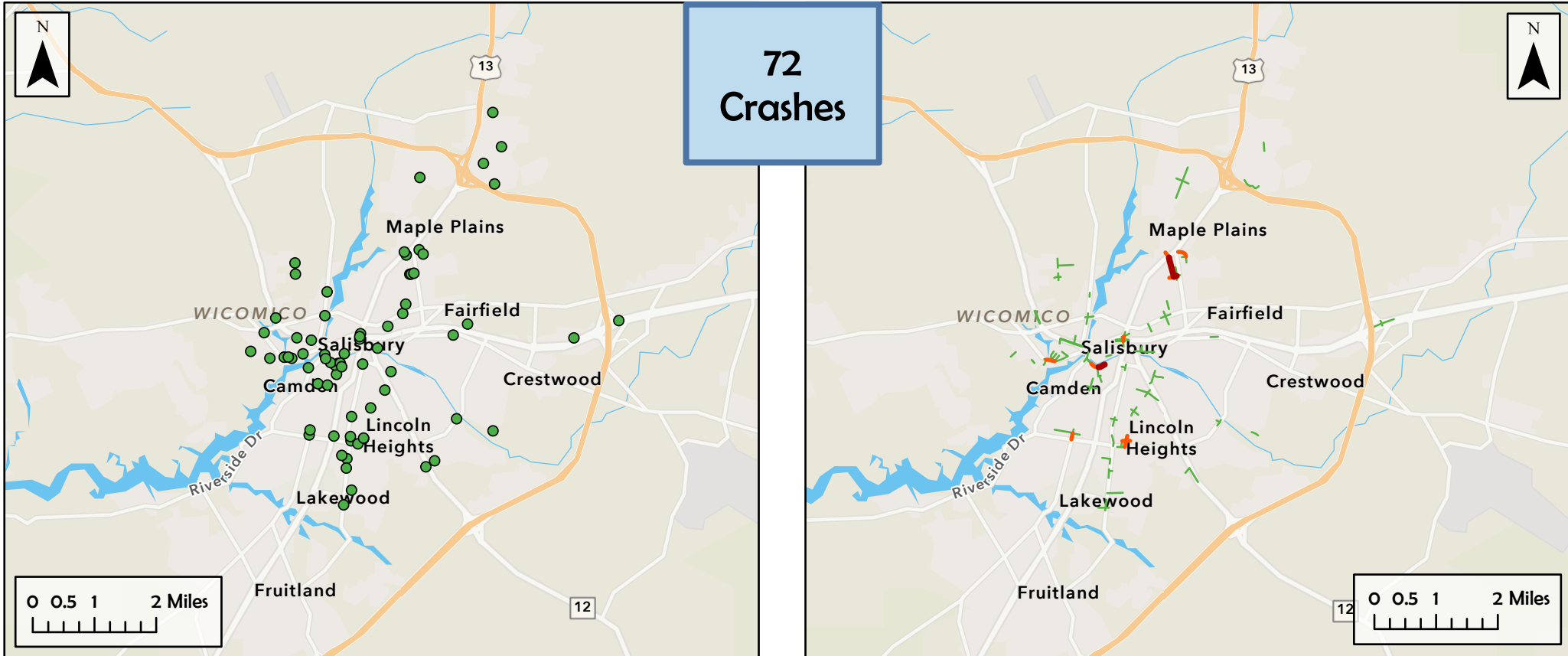
Top Roads Where Crashes Occurred

- 1 - W Carroll St
- 2 - Eastern Shore Dr
- 3 - Fitzwater St

Salisbury Crash Density Analysis

Speeding Crashes On Municipal and Private Roads

2018 - 2020



● Speeding Crash Points

Sources: State Highway Administration
Washington College GIS Program

Top Areas

Homer St between US-13 and Johnson St

Johnson St between Decatur Ave and Dover St

E Carroll St between S Division St and N Circle Ave

Density of Crashes on Roadways

- Low (1)
- Medium (2)
- High (3)

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Day and Time Comparison

City of Salisbury 2018-2020 Speeding Crash Analysis

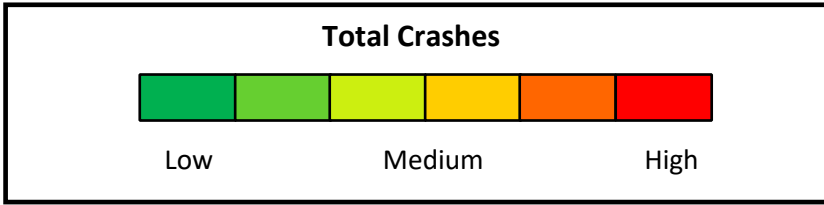
Time of Day		Day of Week	
0000	3	Sunday	8
0100	1	Monday	12
0200	0	Tuesday	14
0300	1	Wednesday	6
0400	0	Thursday	10
0500	2	Friday	14
0600	3	Saturday	8
0700	0		
0800	5		
0900	4		
1000	1		
1100	3		
1200	4		
1300	4		
1400	8		
1500	5		
1600	6		
1700	3		
1800	5		
1900	0		
2000	3		
2100	3		
2200	5		
2300	3		

Top Three Times of Day	
2300	
2200	
2100	

Top Three Days of Week	
Saturday	
Friday	
Wednesday	

Top Three Times and Days	
Saturday from 1700 to 1900	
Friday from 0000 to 0200	
Wednesday from 0000 to 0200	

Day/Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Total
0000	0	2	0	0	0	0	1	3
0100	0	0	1	0	0	0	0	1
0200	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	1	1
0400	0	0	0	0	0	0	0	0
0500	0	1	0	0	1	0	0	2
0600	1	0	2	0	0	0	0	3
0700	0	0	0	0	0	0	0	0
0800	0	1	2	0	2	0	0	5
0900	0	0	1	2	0	1	0	4
1000	1	0	0	0	0	0	0	1
1100	0	1	1	0	0	1	0	3
1200	1	0	0	0	1	0	2	4
1300	0	2	1	0	1	0	0	4
1400	0	1	0	1	1	5	0	8
1500	1	2	2	0	0	0	0	5
1600	0	1	2	1	0	2	0	6
1700	1	0	0	0	1	0	1	3
1800	0	0	0	0	2	2	1	5
1900	0	0	0	0	0	0	0	0
2000	1	1	0	0	0	1	0	3
2100	1	0	1	0	1	0	0	3
2200	1	0	0	1	0	2	1	5
2300	0	0	1	1	0	0	1	3
Grand Total	8	12	14	6	10	14	8	72



City of Salisbury

Pedestrian Crashes On Municipal and Private Roads

2018-2020

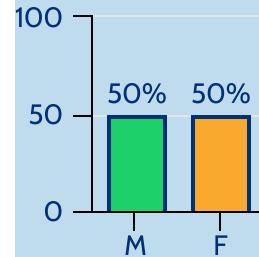
Pedestrian Crash Statistics

Top Hour: 1600
 Top Day: Saturday
 Top Months: March, June & December
 Top Reporting Agency: Salisbury

43

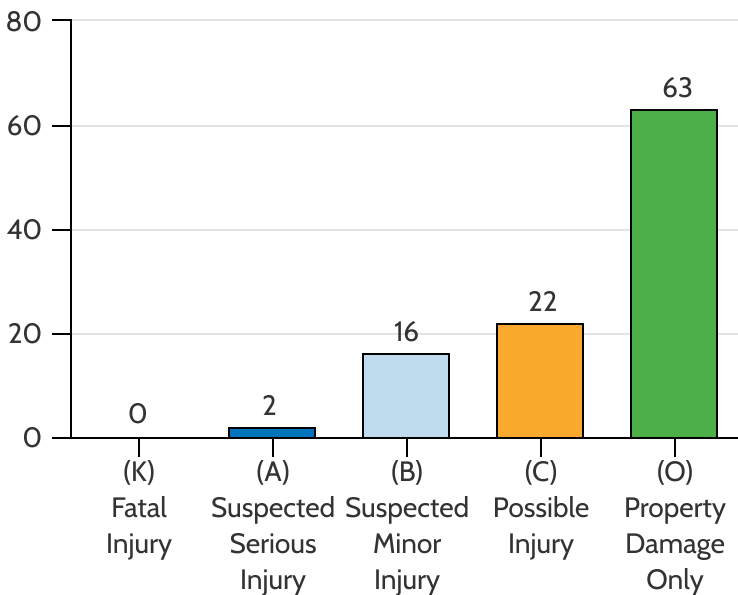
Pedestrian Crashes

Crashes by Gender

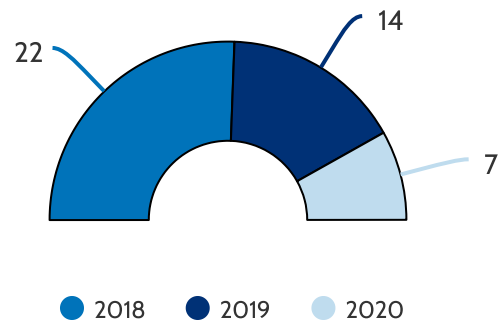


56% of crashes were on a Municipal Road

Person Report Counts



Crashes by Year



Top Roads Where Crashes Occurred

W College Ave
 W Isabella Street
 Robins Ave



Top Pedestrian Location at Time of Crash:
On Roadway Not at a Crosswalk

Top Pedestrian Movement at Time of Crash:
Crossing/Entering at an Intersection



Top Weather Condition: **Clear**
 Top Light Condition: **Daylight**

Out of 43 Pedestrian Crashes:

26 were at the fault of the driver
 12 were at the fault of the pedestrian
 5 were unknown
 (From the Narrative field in the crash report)

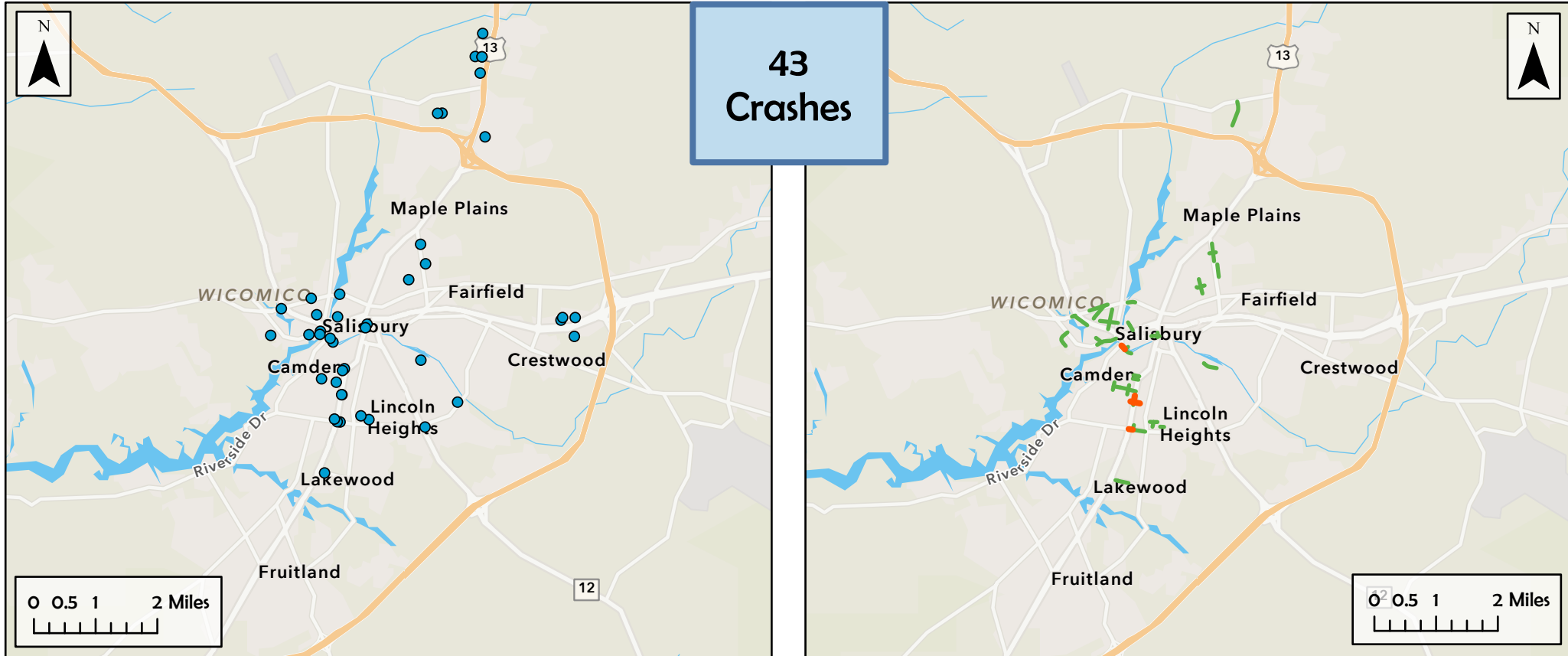
Out of 28 Pedestrian Stops:

19 were at the fault of the pedestrian
 (Citations written to Pedestrian)

Salisbury Crash Density Analysis

Pedestrian Crashes On Municipal and Private Roads

2018 - 2020



● Pedestrian Crash Points

Sources: State Highway Administration
Washington College GIS Program

Top Areas

W Carroll St between N Circle Ave and Mill St

South Blvd between US-13 and S Tower St

W College Ave between US-13 and S Division St

Density of Crashes on Roadways

— Low (1)
— High (2)

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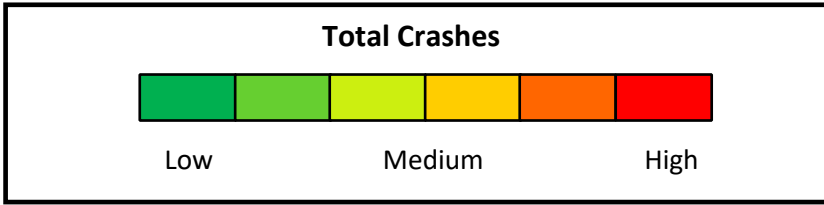
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Day and Time Comparison

City of Salisbury 2018-2020 Pedestrian Crash Analysis

Time of Day		Day of Week	
0000	0	Sunday	4
0100	1	Monday	4
0200	1	Tuesday	7
0300	0	Wednesday	4
0400	0	Thursday	7
0500	0	Friday	7
0600	3	Saturday	10
0700	2	Top Three Times of Day	
0800	1	2300	
0900	5	2200	
1000	2	2100	
1100	1	Top Three Days of Week	
1200	2	Saturday	
1300	2	Friday	
1400	1	Wednesday	
1500	2	Top Three Times and Days	
1600	7	Saturday from 1700 to 1900	
1700	5	Friday from 0000 to 0200	
1800	3	Wednesday from 0000 to 0200	
1900	1		
2000	3		
2100	0		
2200	1		
2300	0		

Day/Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Total
0000	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	1	1
0200	0	0	0	0	0	0	1	1
0300	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0
0600	1	1	0	0	0	0	1	3
0700	0	0	0	1	0	0	1	2
0800	0	1	0	0	0	0	0	1
0900	2	0	0	0	0	3	0	5
1000	0	0	1	0	0	1	0	2
1100	0	0	0	0	0	1	0	1
1200	0	0	0	0	2	0	0	2
1300	0	0	0	1	0	0	1	2
1400	0	1	0	0	0	0	0	1
1500	0	0	1	0	0	0	1	2
1600	0	1	0	1	2	0	3	7
1700	0	0	3	0	1	1	0	5
1800	1	0	0	0	1	0	1	3
1900	0	0	0	0	1	0	0	1
2000	0	0	1	1	0	1	0	3
2100	0	0	0	0	0	0	0	0
2200	0	0	1	0	0	0	0	1
2300	0	0	0	0	0	0	0	0
Grand Total	4	4	7	4	7	7	10	43



Maryland Highway Safety Office



City of Salisbury

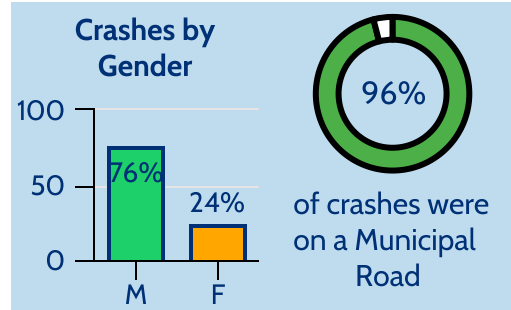
Bicycle Crashes On Municipal and Private Roads

2018-2020

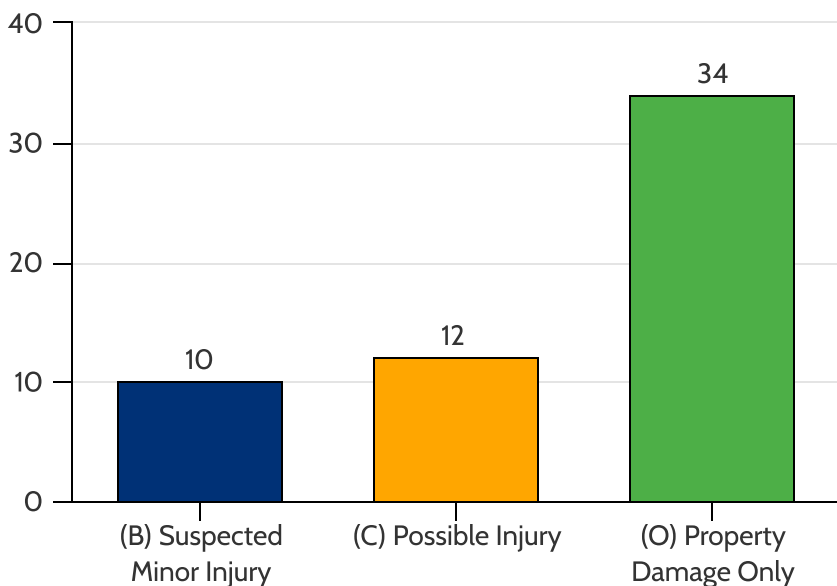
Bicycle Crash Statistics

Top Hour: 1600
 Top Days: Tuesday & Wednesday
 Top Month: October
 Top reporting Agency: Salisbury

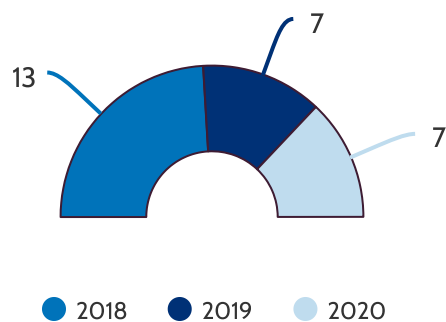
27
 Total Crashes



Person Report Counts



Crashes by Year



Top Roads Where Crashes Occurred

Eastern Shore Dr
 Waverly Dr

Top Bicycle Location at Time of Crash:
On Roadway at Crosswalk



Top Bicycle Movement at Time of Crash:
Crossing/Entering at an intersection



Top Weather Condition: **Clear**
 Top Light Condition: **Daylight**

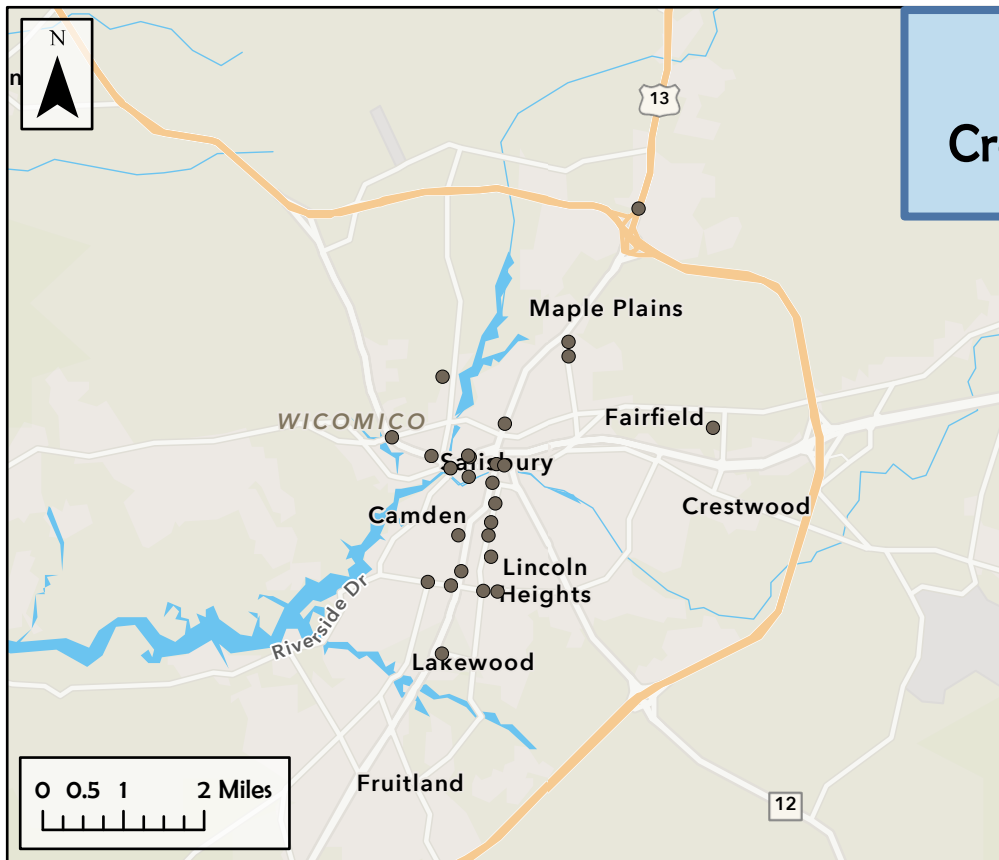
Out of 27 crashes, 17 crashes reported the bicyclist at fault

Out of 8 stops, 7 stops reported the bicyclist at fault

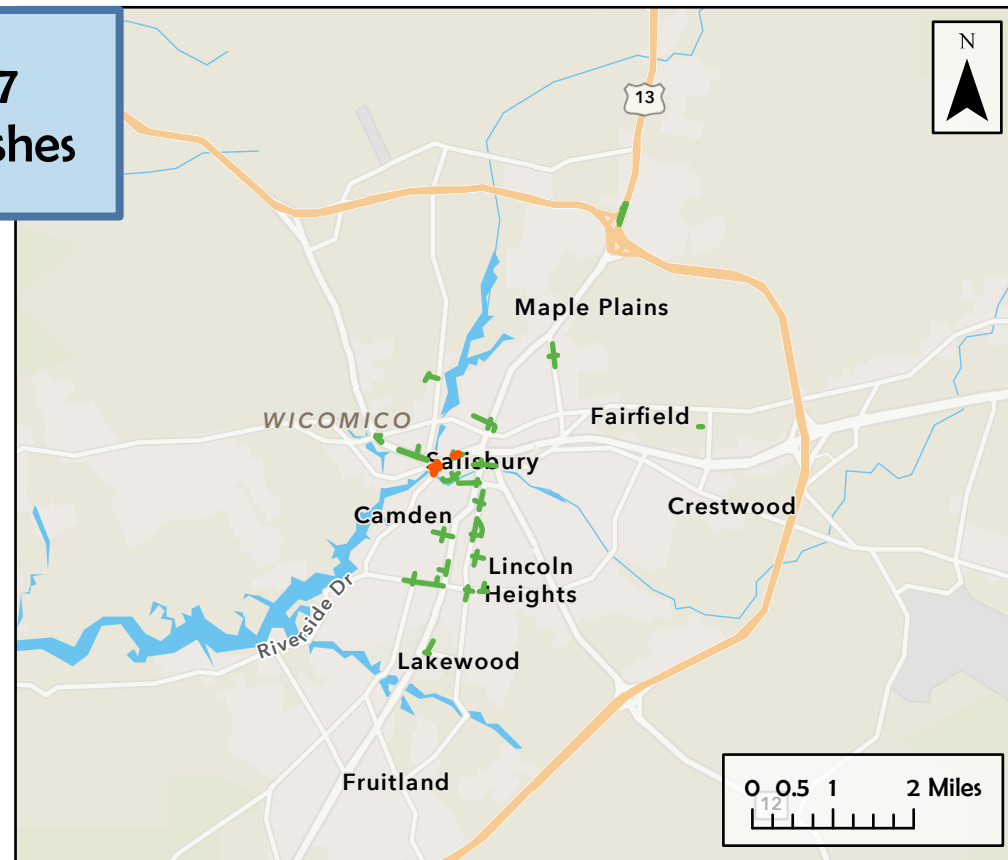
Salisbury Crash Density Analysis

Bicycle Crashes On Municipal and Private Roads

2018 - 2020



**27
Crashes**



● Bicycle Crash Points

Sources: State Highway Administration
Washington College GIS Program

Top Areas

Mill St and W Main St Intersection

Broad St between N Division St and N Poplar Hill Ave

US-13 and Wilson St Intersection

Density of Crashes on Roadways

— Low (1)

— High (2)

Sources: State Highway Administration
Washington College GIS Program

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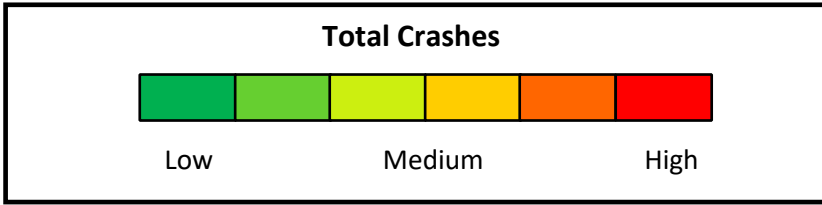
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Day and Time Comparison

City of Salisbury 2018-2020 Bicycle Crash Analysis

Time of Day		Day of Week	
0000	0	Sunday	0
0100	0	Monday	2
0200	0	Tuesday	7
0300	0	Wednesday	7
0400	0	Thursday	6
0500	0	Friday	4
0600	0	Saturday	1
0700	0	Top Three Times of Day	
0800	1	2300	
0900	2	2200	
1000	2	2100	
1100	2	Top Three Days of Week	
1200	1	Saturday	
1300	1	Friday	
1400	4	Wednesday	
1500	1	Top Three Times and Days	
1600	5	Saturday from 1700 to 1900	
1700	4	Friday from 0000 to 0200	
1800	1	Wednesday from 0000 to 0200	
1900	1		
2000	1		
2100	0		
2200	0		
2300	1		

Day/Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Total
0000	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0
0700	0	0	0	0	0	0	0	0
0800	0	1	0	0	0	0	0	1
0900	0	0	1	0	0	1	0	2
1000	0	0	1	0	1	0	0	2
1100	0	0	1	0	1	0	0	2
1200	0	0	0	0	0	0	1	1
1300	0	0	0	0	0	1	0	1
1400	0	0	1	2	1	0	0	4
1500	0	0	0	0	0	1	0	1
1600	0	0	1	2	2	0	0	5
1700	0	1	0	3	0	0	0	4
1800	0	0	0	0	0	1	0	1
1900	0	0	0	0	1	0	0	1
2000	0	0	1	0	0	0	0	1
2100	0	0	0	0	0	0	0	0
2200	0	0	0	0	0	0	0	0
2300	0	0	1	0	0	0	0	1
Grand Total	0	2	7	7	6	4	1	27



Appendix

Crash Data

Crash data was obtained from the Maryland State Highway Administration. Crash data years range from 2018 to 2020.

- Crashes were queried based on the Salisbury Municipal Boundary
- Crashes were joined to the intersection to intersection street segments based on the closest segment to crash location.
- The counts of the joined crashes were symbolized based on the counts per segment.

Crash Queries:

Bicycle:

Pedestrian_Type IN ('02', '03')

Pedestrian:

Pedestrian_Type IN ('01')

Speeding:

Contributing_Factor_1 IN ('21', '18') Or Contributing_Factor_2 IN ('21', '18') Or Contributing_Factor_3 IN ('21', '18')
Or Contributing_Factor_4 IN ('21', '18')

Route Type:

ROUTE_TYPE IN ('MU', 'OP', 'UU')

Person Reports:

Person Reports are reports written for every person involved in a crash, whether there was an injury or not.

- These reports assist in identifying the number of people involved in the crashes.
- Crashes were joined to the PERSON table based on the Report Number to identify all of the people involved in a single crash.
- These were then added based on the Injury Severity to obtain a count of all Injury Severity categories. Once the categories were calculated, the join was removed in order to maintain a single crash record. Total counts of person reports in the crash file were used to identify the count totals of all persons involved in crashes on the joined segments, based on the closest segment to the crash.

Additional Notes

Sources: State Highway Administration and Washington College GIS Program

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