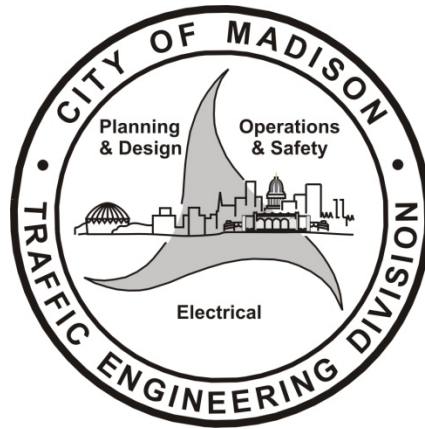




City of Madison, WI 2016 Crash Report





Traffic Engineering and Parking Divisions

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The City of Madison's annual Crash Report contains statistics, charts and tables summarizing the most common factors for 2016 crashes. The report is divided into eight sections: *Intersection Crash Summary, Roundabout Crash Summary, Non-Intersection Crash Summary, Bicycle Crash Summary, Pedestrian Crash Summary, Motorcycle Crash Summary, Moped Crash Summary, and Fatal Crash Summary.*

All of the information in the report is derived from a crash database that contains information about "**reportable**" crashes, or crashes that have met the statutory requirements to be reported to the State of Wisconsin. The crash information is collected and reviewed throughout the year. Only the data for reportable crashes occurring within the municipal limits or at shared municipality locations are entered.

Each crash is mapped using GIS software. Using this software allows Traffic Engineering staff to review crash information by location and type, along with other features in the same vicinity, such as: objects, time of day, road and weather conditions, etc. This information, along with diagrammed crashes, assists the engineers in reviewing crashes and planning strategies to reduce crashes more efficiently.

Sincerely,

David Dryer, P.E.
City Traffic Engineer and Parking Manager

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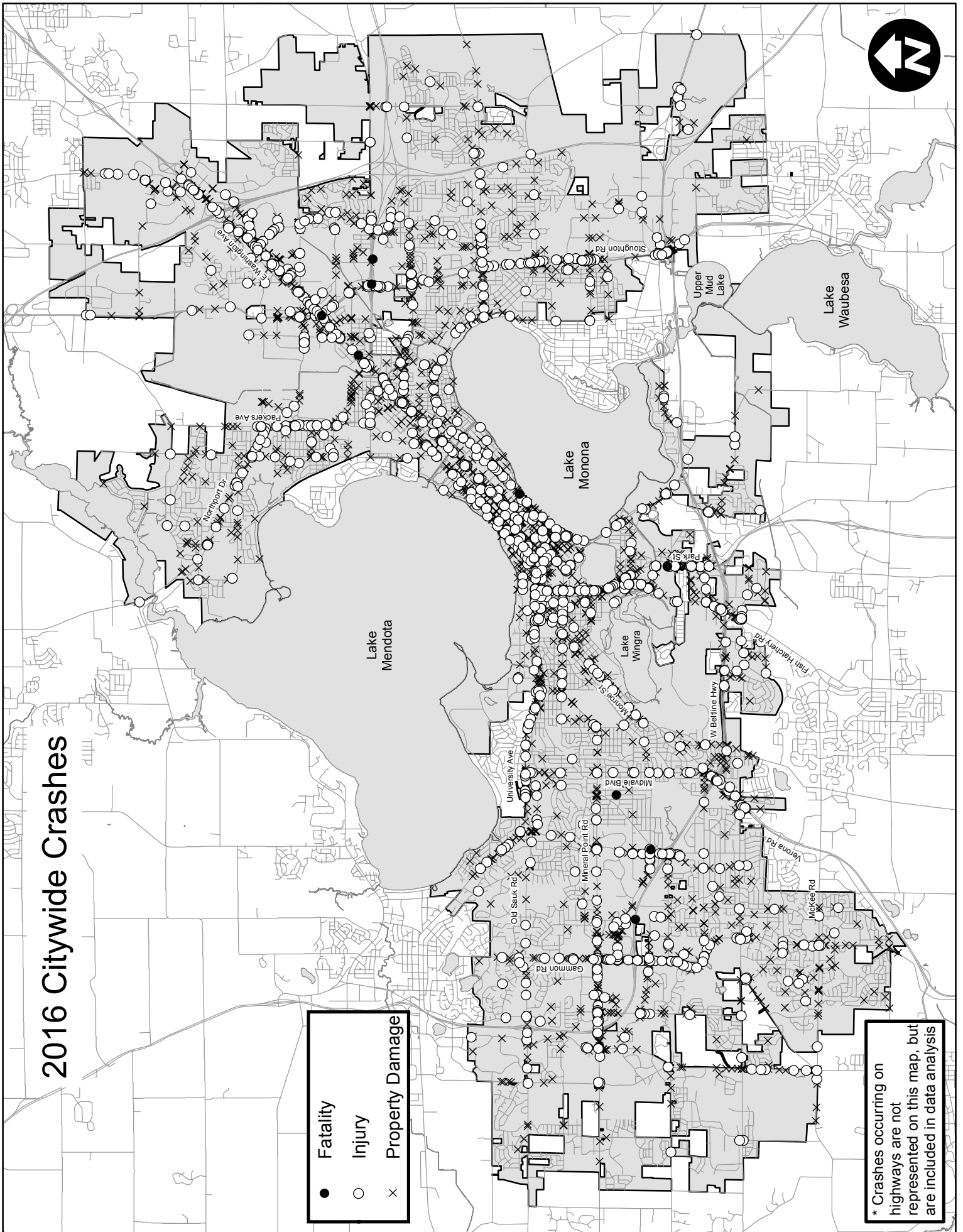
Table of Contents

	<u>Page</u>
Annual Crash Overview	1
Crash Totals	1
5-Year Graphical Crash History	1
Estimated Economic Loss From Injuries/Fatalities/Property Damage Due To Crashes.....	2
Intersection Crash Summary	3
Roundabout Crash Summary	9
Non-Intersection Crash Summary.....	13
Bicycle Crash Summary.....	19
Pedestrian Crash Summary.....	25
Motorcycle Crash Summary.....	31
Moped Crash Summary.....	35
Fatal Crash Summary.....	39

Maps

Citywide Crashes.....	ii
Top 30 High Crash Intersections.....	7
Roundabout Locations.....	12
Top 30 High Crash Non-Intersections.....	17
Bicycle Crashes.....	23
Pedestrian Crashes.....	29
Motorcycle/Moped Crashes.....	34

2016 Citywide Crashes



- Fatality
- Injury
- × Property Damage

* Crashes occurring on highways are not represented on this map, but are included in data analysis

Annual Crash Overview

Crash Totals

Total Number of Crashes.....5,731

Fatal Crashes.....(Total Fatalities ..9).....9

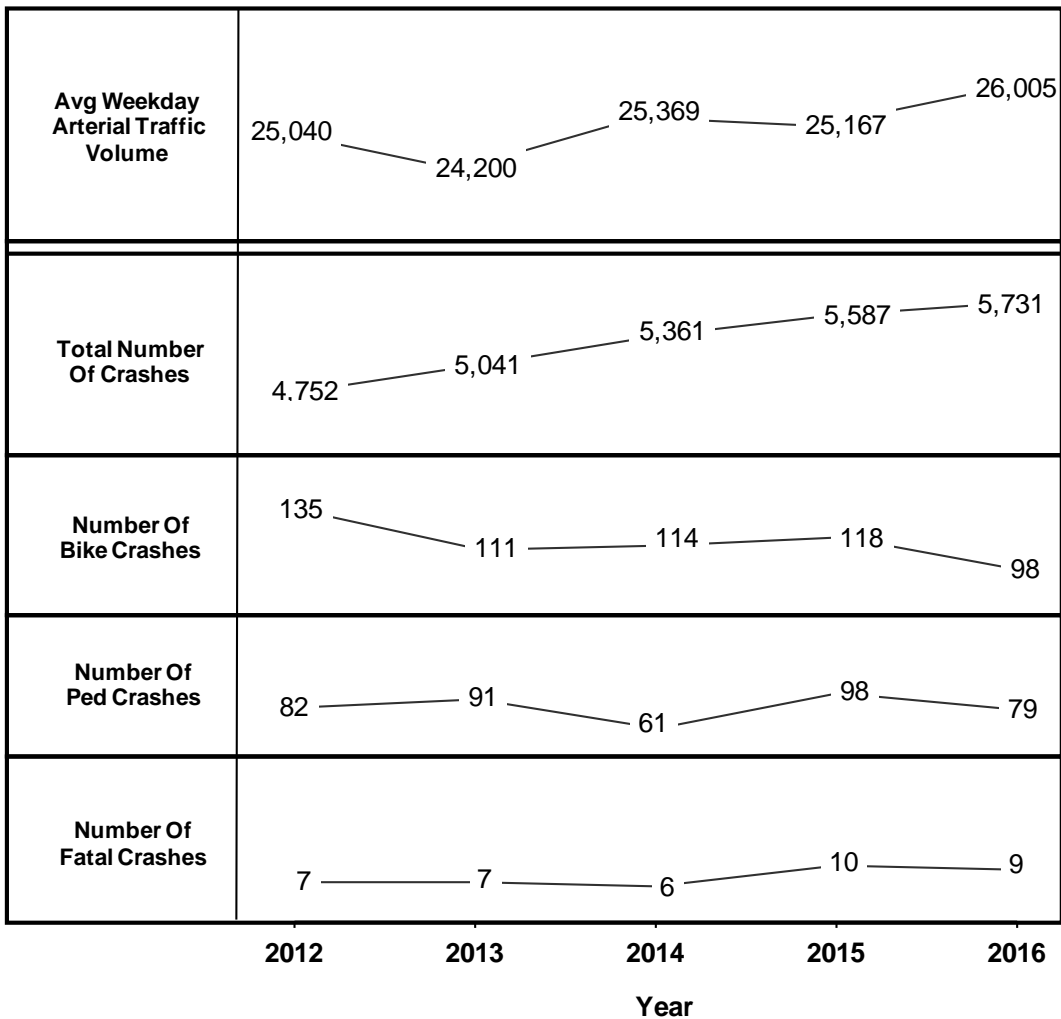
Crash Totals by General Location**

Intersection Crashes..... 2,215
 Roundabout Crashes..... 99
 Non-Intersection Crashes..... 2,735
 Hwy Crashes..... 658

Crash Totals Involving Bicyclists or Pedestrians**

Bicycle-Motor Vehicle Crashes..... 98
 Pedestrian-Motor Vehicle Crashes..... 79

5-Year Graphical Crash History



**Not including crashes that occurred on private property and roadways maintained by the University of Wisconsin

Annual Crash Overview

Injuries / Fatalities / Property Damage Due To Crashes

Total Number of Injuries..... 1,935
Total Number of Fatalities.....9

Estimated Economic Loss From Injuries / Fatalities / Property Damage Due To Crashes¹

Total Number of Injuries..... 1,935

Incapacitating Injuries	74	\$6,748,800
Non-Incapacitating Injuries	697	\$18,331,100
Possible Injuries	1,164	\$25,258,800

Total Number of Fatalities..... 9

Total Number of Crashes With Property Damage.....	4,239	\$48,748,500
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Grand Total\$113.1 million

¹ Economic loss measures the economic loss to a community resulting from traffic crashes. The costs above were calculated using the 2015 National Safety Council estimates factored up by the CPI for 2016.

INTERSECTION CRASH SUMMARY

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Intersection Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Intersection Crashes.....		2,215
Number of injury crashes.....	(Total Injuries 844)	650
Number of fatal crashes.....	(Total Fatalities 1)	1

COMMON ELEMENTS OF INTERSECTION CRASHES

Most Common Driver Factors Reported For All Intersection Crashes

Failure To Yield.....	34%
Inattentive Driving.....	12%
Disregard Traffic Control.....	11%

Most Common Driver Factors Reported For Signalized Intersection Crashes

Failure To Yield.....	29%
Disregard Traffic Control.....	20%
Inattentive Driving.....	11%

Most Common Manner Of Collision Reported For All Intersection Crashes

Angle.....	46%
Rear End.....	21%
Sideswipe/Same Direction.....	17%

INTERSECTION CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Int. Crashes
Signal	1123	51%
Stop	939	42%
No Control	93	4%
Stop (All Way)	46	2%
Yield	8	0%
Stop (Multi)	6	0%

Percentages rounded and may not total 100%

Intersection Crash Summary

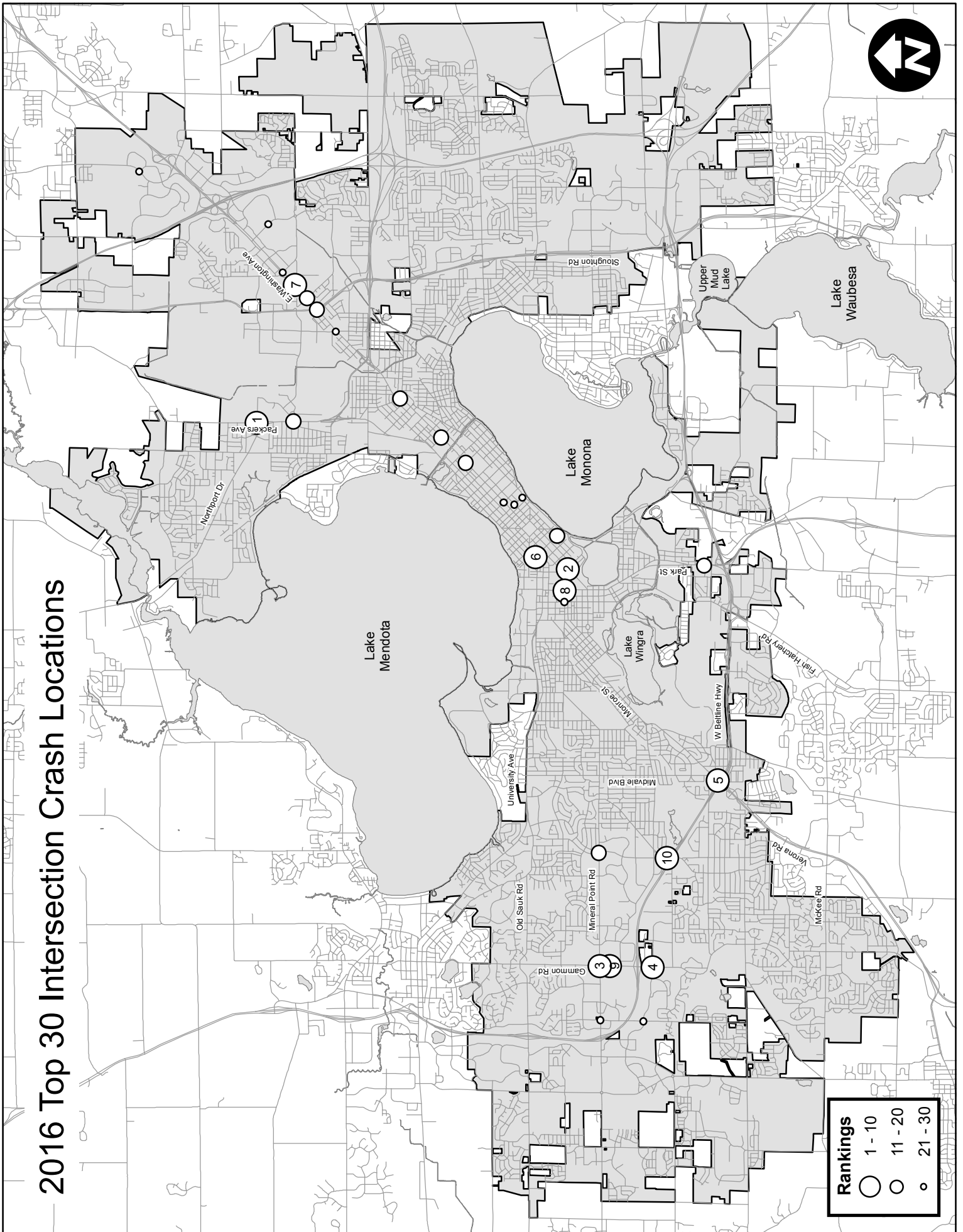
TOP 30 HIGHEST CRASH INTERSECTIONS

(All or Partially Within City of Madison Limits)

Rank	Intersection		Number of Crashes	Type of Traffic Control	Other Muni Other Roadway
1	Darwin Rd & Packers Ave	*	16	Stop	CTH
2	Proudfit St & Regent St	*	14	Signal	USH
3	S Gammon Rd & Mineral Point Rd		14	Signal	
4	S Gammon Rd & Watts Rd		14	Signal	
5	W Beltline Hwy & S Midvale Blvd	*	13	Signal	USH
6	N Broom St & W Johnson St		13	Signal	
7	Lien Rd & E Washington Ave	*	13	Signal	USH
8	N Park St & Regent St		13	Signal	
9	Gammon Pl & S Gammon Rd		12	Signal	
10	W Beltline Hwy & S Whitney Way	*	12	Signal	USH
11	Mendota St & E Washington Ave	*	12	Signal	USH
12	N First St & E Washington Ave	*	12	Signal	USH
13	N Stoughton Rd & E Washington Ave	*	12	Signal	USH
14	S Broom St & W Wilson St		11	Signal	
15	Mineral Point Rd & S Whitney Way		11	Signal	
16	Hughes Pl & S Park St	*	10	Signal	USH
17	W Beltline Hwy & Verona Rd	*	10	Signal	USH
18	Milwaukee St & North St		10	Signal	
19	N Baldwin St & E Washington Ave	*	10	Signal	USH
20	International Ln & Packers Ave	*	10	Signal	STH
21	American Pkwy & American Family Dr		9	Stop	
22	S Blair St & E Main St	*	9	Stop	USH
23	S High Point Rd & Watts Rd		9	Signal	
24	S High Point Rd & Mineral Point Rd		9	Signal	
25	N Blount St & E Washington Ave	*	9	Stop	USH
26	N Fair Oaks Ave & E Washington Ave		9	Signal	
27	Portage Rd & Thierer Rd	*	9	Signal	USH
28	S Blair St & John Nolen Dr	*	9	Signal	USH
29	Zeier Rd & Zeier Rd (2100) Median Break		8	Stop	
30	N Mills St & Regent St		8	Signal	

* Multi-government shared jurisdiction location. See Other Muni or Other Roadway

2016 Top 30 Intersection Crash Locations



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ROUNDAABOUT CRASH SUMMARY

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Roundabout Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Roundabout Crashes.....		99
Number of injury crashes.....	(Total Injuries 7)	7
Number of fatal crashes.....	(Total Fatalities 0)	0

COMMON ELEMENTS OF ROUNDABOUT CRASHES

Most Common Driver Factors Reported For All Roundabout Crashes

Failure To Yield.....	37%
Improper Turn.....	7%
Following Too Close.....	6%

Most Common Manner Of Collision Reported For All Roundabout Crashes

Angle.....	52%
Left Turn Into Traffic From Same Direction.....	16%
Sideswipe Same Direction.....	11%

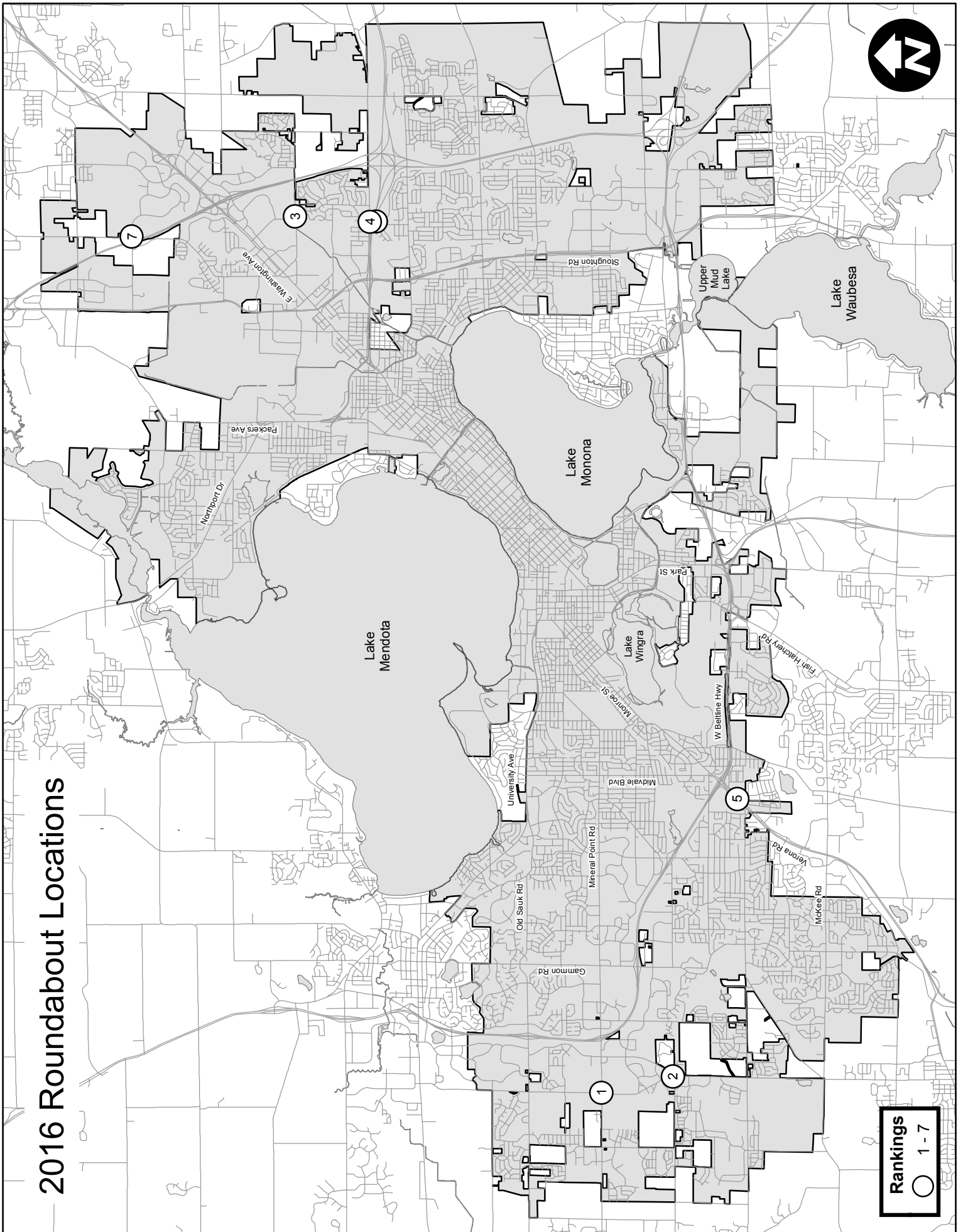
ROUNDABOUT CRASH TOTALS

(All or Partially Within City of Madison Limits)

Rank	Intersection		Number of Crashes	Other Muni Other Roadway
1	Mineral Point Rd & N Pleasant View Rd	*	47	CTH
2	County Rd M & Valley View Rd	*	21	CTH
3	Lien Rd & N Thompson Dr		17	
4	Commercial Ave & N Thompson Dr	*	11	CTH
5	Verona Frontage Rd (E) & Verona Frontage Rd (W)		2	
6	N Thompson Dr & EB State Rd 30 Exit Ramp	*	1	STH
7	Eastpark Blvd & Hanson Rd	*	0	Bur-T

* Multi-government shared jurisdiction location. See Other Muni or Other Roadway

2016 Roundabout Locations



NON-INTERSECTION CRASH SUMMARY

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Non-Intersection Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Non-Intersection Crashes.....		2,735
Number of injury crashes.....	(Total Injuries 860)	641
Number of fatal crashes.....	(Total Fatalities 5)	5

COMMON ELEMENTS OF NON-INTERSECTION CRASHES

Most Common Driver Factors Reported For All Non-Intersection Crashes

Following Too Close.....	22%
Inattentive Driving.....	22%
Failure To Yield.....	11%
Failure To Keep Vehicle Under Control.....	9%
Other.....	8%

Most Common Manner Of Collision Reported For All Non-Intersection Crashes

Rear End.....	52%
Sideswipe/Same Direction.....	20%
No Collision With Another Vehicle.....	14%
Angle.....	9%
Sideswipe/Opposite Direction.....	2%
Head On Collision.....	1%
Unknown.....	1%
Rear To Rear.....	1%

****Not Including Highway Non-Intersection Crashes****

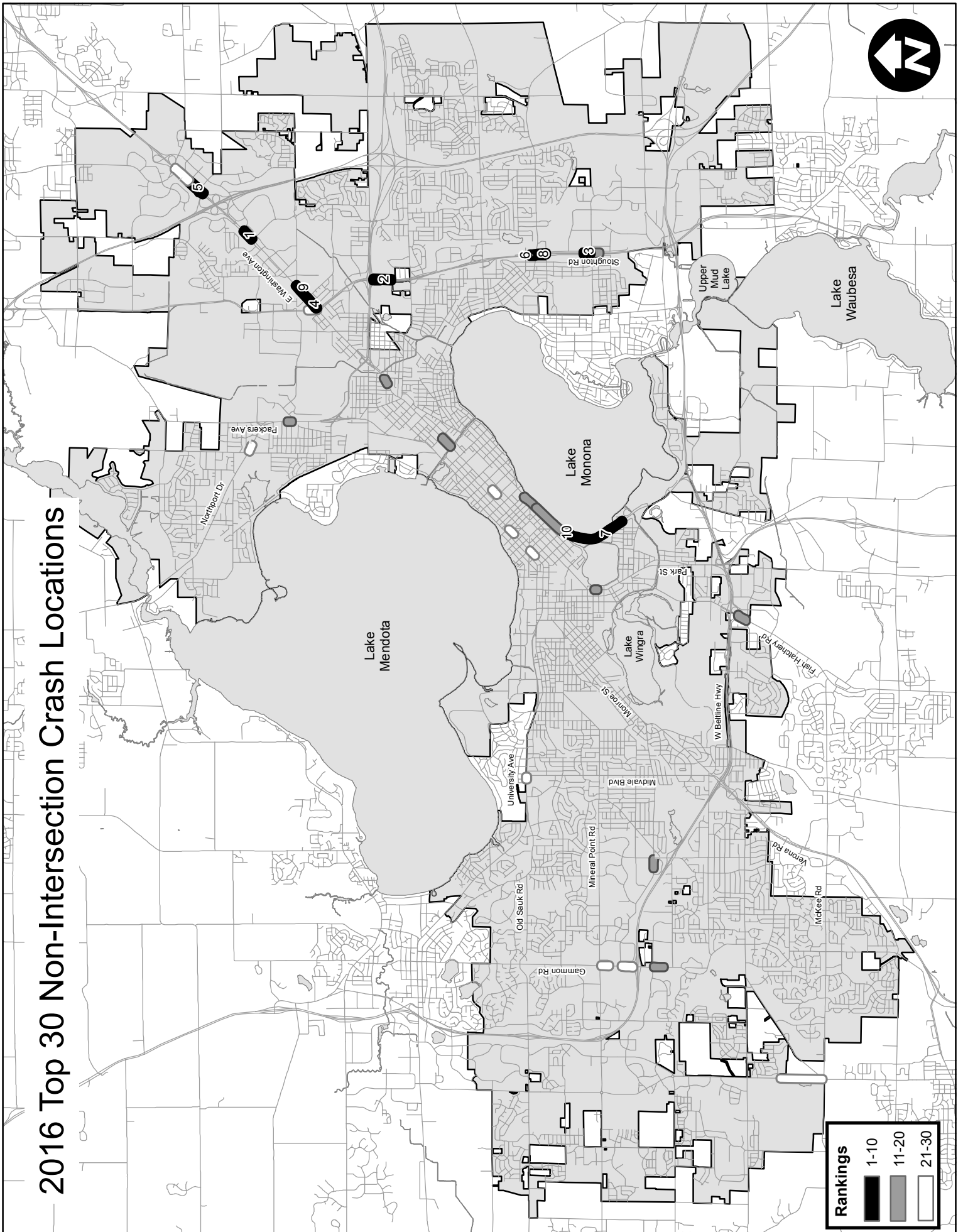
Non-Intersection Crash Summary

TOP 30 HIGHEST CRASH NON-INTERSECTION LOCATIONS

Rank	Location	Number of Crashes	Estimated Traffic On Average Day
1	4700 E Washington Ave	32	44,150
2	300 N Stoughton Rd	26	53,250
3	2400 S Stoughton Rd	23	47,750
4	3700 E Washington Ave	22	53,700
5	5300 E Washington Ave	22	53,850
6	1700 S Stoughton Rd	20	48,400
7	400 John Nolen Dr	19	42,800
8	1800 S Stoughton Rd	18	47,750
9	3800 E Washington Ave	18	49,650
10	300 John Nolen Dr	16	52,700
11	2800 Fish Hatchery Rd	15	38,550
12	1800 E Washington Ave	14	51,300
13	5500 Odana Rd	13	16,700
14	1 John Nolen Dr (E of Monona Terrace Signals)	13	39,050
15	1 John Nolen Dr (W of Monona Terrace Signals)	13	39,050
16	2200 Packers Ave	13	40,150
17	700 S Gammon Rd	12	31,150
18	2500 S Stoughton Rd	12	44,350
19	2900 E Washington Ave	12	45,550
20	500 S Park St	12	46,300
21	800 E Washington Ave	12	48,100
22	5400 E Washington Ave	12	53,850
23	100 E Johnson St	11	23,550
24	300 W Johnson St	11	24,200
25	1500 N Stoughton Rd	11	32,100
26	500 S Gammon Rd	11	33,250
27	3700 University Ave	11	40,200
28	2500 S Pleasant View Rd	10	19,400
29	400 S Gammon Rd	10	24,600
30	1700 Northport Dr	10	33,050

****Not Including Highway Non-Intersection Crashes****

2016 Top 30 Non-Intersection Crash Locations



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BICYCLE CRASH SUMMARY

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Bicycle Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Bicycle Crashes.....		98
Number of injury crashes.....	(Total Injuries 90)	86
Number of fatal crashes.....	(Total Fatalities 0)	0

COMMON ELEMENTS OF BICYCLE CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	45%
Inattentive Driving.....	7%
Other.....	3%

Most Common Bicycle Operator Factors Reported

Failure To Yield.....	12%
Disregard Traffic Control.....	10%
Other.....	4%

Most Common Manner Of Collision Reported For All Bicycle Crashes

Vehicle Turning Left & Bike From Right.....	21%
Vehicle Going Straight & Bike From Right.....	16%
Vehicle Going Straight & Bike From Left.....	14%

BICYCLE CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Bicycle Crashes
Signalized Intersection	42	43%
Stop Controlled Intersection	33	34%
Non-Intersection	18	18%
All Way Stop Controlled Intersection	2	2%
Yield Controlled Roundabout Intersection	1	1%
Uncontrolled Intersection	1	1%
Multiple Stop Controlled Intersection	1	1%

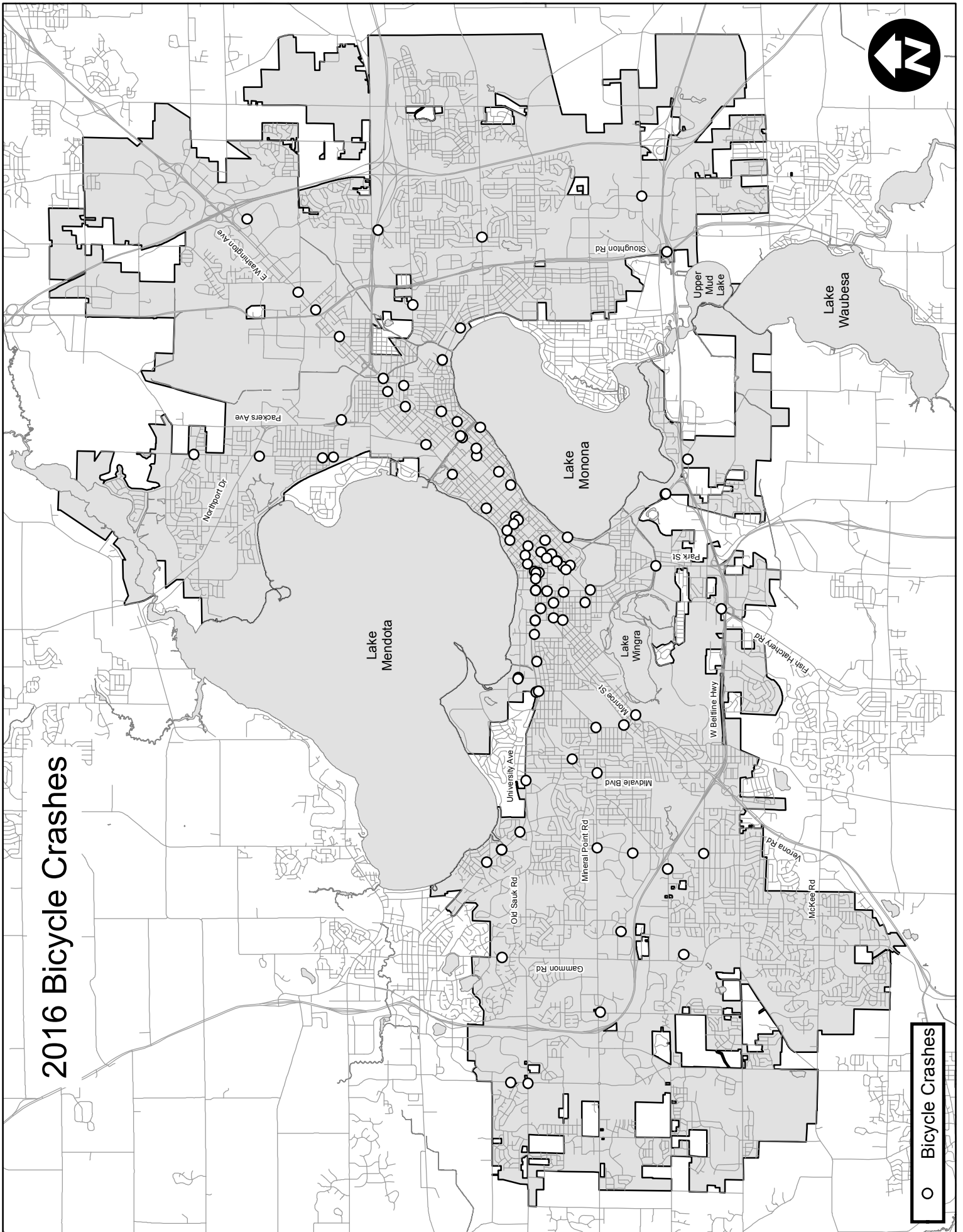
Percentages rounded and may not total 100%

Bicycle Crash Summary

LOCATIONS WITH TWO OR MORE BICYCLE CRASHES

Location	Number of Crashes	Type of Traffic Control
N Park St & University Ave	3	Signalized Intersection
N Randall Ave & University Ave	3	Signalized Intersection
Atwood Ave & Oakridge Ave	2	Stop Controlled Intersection
John Nolen Dr & Rimrock Rd	2	Signalized Intersection
N Bedford St & W Washington Ave	2	Signalized Intersection
Spring Harbor Dr & University Ave	2	Signalized Intersection

2016 Bicycle Crashes



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PEDESTRIAN CRASH SUMMARY

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Pedestrian Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Pedestrian Crashes.....		79
Number of injury crashes.....	(Total Injuries 77)	73
Number of fatal crashes.....	(Total Fatalities 3)	3

COMMON ELEMENTS OF PEDESTRIAN CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	38%
Inattentive Driving.....	8%
Other.....	5%
Disregard Traffic Control.....	5%

Most Common Pedestrian Factors Reported

Failure To Yield.....	13%
Other.....	8%
Driver Condition.....	1%
Disregard Traffic Control.....	1%

Most Common Manner Of Collision Reported For All Pedestrian Crashes

Vehicle Going Straight & Pedestrian From Right.....	24%
Vehicle Going Straight & Pedestrian From Left.....	23%
Vehicle Turning Left & Pedestrian From Right.....	18%

PEDESTRIAN CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Ped. Crashes
Signalized Intersection	39	49%
Non-Intersection	25	32%
Stop Controlled Intersection	15	19%

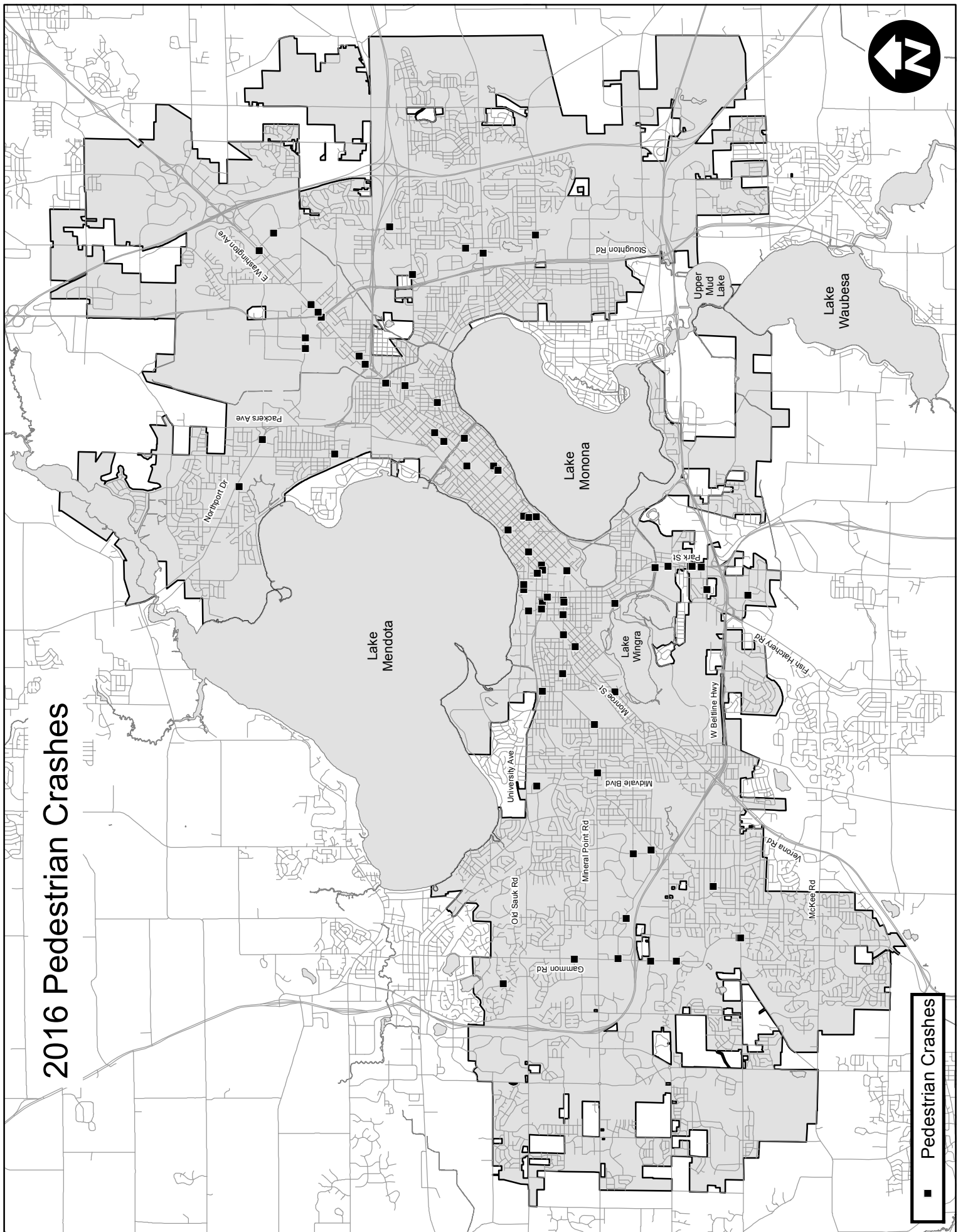
**Percentages are rounded and may not total 100% **

Pedestrian Crash Summary

LOCATIONS WITH TWO OR MORE PEDESTRIAN CRASHES

Location	Number of Crashes	Type of Traffic Control
1000 Williamson St	2	Non-Intersection
Buick St & S Park St	2	Signalized Intersection
E Doty St & King St	2	Signalized Intersection
Hughes Pl & S Park St	2	Signalized Intersection
Mendota St & E Washington Ave	2	Signalized Intersection
N Baldwin St & E Washington Ave	2	Signalized Intersection
N Mills St & Regent St	2	Signalized Intersection
Oak St & E Washington Ave	2	Stop Controlled Intersection

2016 Pedestrian Crashes



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MOTORCYCLE CRASH SUMMARY

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Motorcycle Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Motorcycle Crashes.....		73
Number of injury crashes.....	(Total Injuries 49)	44
Number of fatal crashes.....	(Total Fatalities 1)	1

COMMON ELEMENTS OF MOTORCYCLE CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	30%
Following Too Close.....	7%
Other.....	5%
Inattentive Driving.....	5%

Most Common Motorcycle Operator Factors Reported

Following Too Close.....	12%
Other.....	8%
Failure To Keep Vehicle Under Control.....	7%

Most Common Manner Of Collision Reported For All Motorcycle Crashes

Rear End.....	32%
No Collision With Another Vehicle.....	30%
Angle.....	26%

MOTORCYCLE CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Motorcycle Crashes
Non-Intersection	31	42%
Signalized Intersection	16	22%
Stop Controlled Intersection	15	21%
Hwy Non-Intersection	6	8%
Yield Controlled Roundabout Intersect	2	3%
Uncontrolled Intersection	2	3%
All Way Stop Controlled Intersection	1	1%

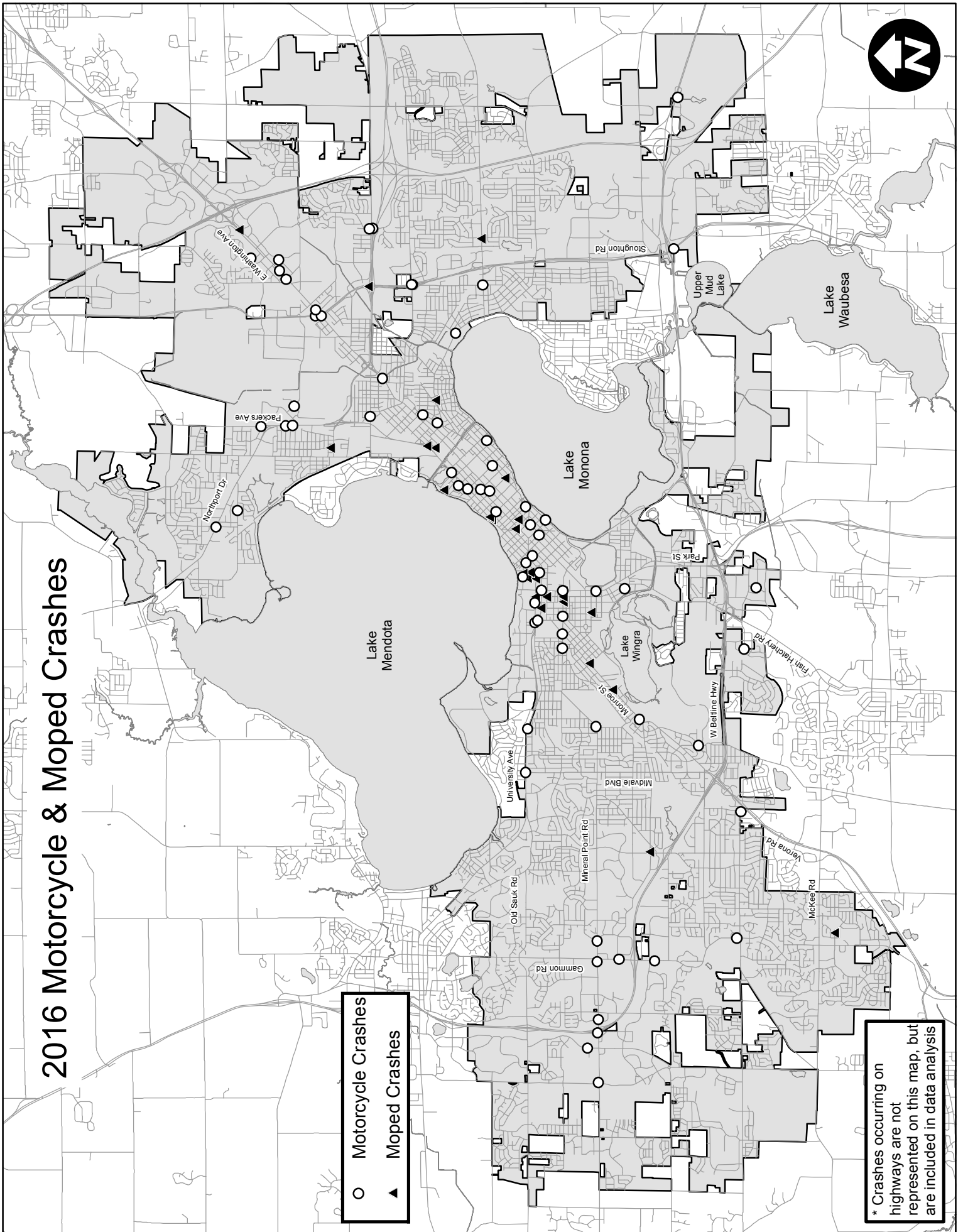
Percentages rounded and may not total 100%

Highway Crashes Included in Data Analysis

2016 Motorcycle & Moped Crashes

- Motorcycle Crashes
- ▲ Moped Crashes

* Crashes occurring on highways are not represented on this map, but are included in data analysis



MOPED CRASH SUMMARY

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Moped Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Moped Crashes.....		29
Number of injury crashes.....	(Total Injuries 21)	21
Number of fatal crashes.....	(Total Fatalities 0)	0

COMMON ELEMENTS OF MOPED CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	14%
Improper Turn.....	10%
Inattentive Driving.....	7%
Driver Condition.....	7%

Most Common Moped Operator Factors Reported

Failure To Keep Vehicle Under Control.....	21%
Failure To Yield.....	10%
Left Of Center.....	7%
Inattentive Driving.....	7%
Driver Condition.....	7%

Most Common Manner Of Collision Reported For All Moped Crashes

No Collision With Another Vehicle.....	28%
Sideswipe/Same Direction.....	24%
Rear End.....	24%

MOPED CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Moped Crashes
Non-Intersection	15	52%
Stop Controlled Intersection	7	24%
Signalized Intersection	6	21%
All Way Stop Controlled Intersection	1	3%

**Percentages rounded and may not total 100% **

Highway Crashes Included in Data Analysis

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FATAL CRASH SUMMARY

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Fatal Crash Summary

	Location		Crash Type	Road Condition		Light Condition	Weather Condition	Traffic Control
	Date/Time							
	Fatality: Age-Sex-Role			Alcohol Present - Role		Drug Present - Role		
<i>Crash Description</i>								
1	5350 Odana Rd		No Collision With Another Vehicle	Dry	Dark-Unlit	Cloudy		
	Mon	07-Mar-16 07:59 PM						
	53 - M - Pedestrian							
<i>Pedestrian crossed roadway mid block and struck by eastbound motorist</i>								
2	400 Agnes Dr		No Collision With Another Vehicle	Dry	Day	Clear		
	Wed	09-Mar-16 04:40 PM						
	90 - F - Driver Of SB Vehicle (Unit 1)							
<i>Vehicle left roadway and struck a residence</i>								
3	WB State Highway 30 (near N Stoughton Rd)		Sideswipe/Opposite Direction	Ice	Day	Cloudy		
	Thu	24-Mar-16 06:22 PM						
	52 - M - Driver Of EB Vehicle (Unit 1)							
<i>Vehicle 1 crossed median, struck vehicle 2 head on and then flipped over</i>								
4	N Stoughton Rd & E Washington Ave		No Collision With Another Vehicle	Dry	Dark-Lighted	Clear	Signalized Intersection	
	Fri	22-Apr-16 07:59 PM						
	58 - M - Driver Of SB Motorized Cycle (Unit 1)							
<i>Driver negotiated corner at high rate of speed, lost control of motorcycle and struck a traffic pole</i>								
5	EB State Highway 30 (near N Stoughton Rd)		No Collision With Another Vehicle	Dry	Day	Clear		
	Wed	22-Jun-16 02:31 PM						
	45 - F - Pedestrian							
<i>Pedestrian crossed highway and struck by eastbound vehicle</i>								
6	1800 S Park St		Angle	Dry	Day	Clear		
	Thu	18-Aug-16 03:45 PM						
	50 - F - Pedestrian							
<i>Pedestrian crossed roadway midblock and struck by northbound vehicle</i>								
7	600 Williamson St		No Collision With Another Vehicle	Dry	Day	Clear		
	Thu	15-Sep-16 01:29 PM						
	60 - M - Driver Of EB Vehicle (Unit 1)							
<i>Vehicle left roadway and struck a light pole</i>								
8	3200 E Washington Ave		No Collision With Another Vehicle	Dry	Dark-Lighted	Clear		
	Thu	17-Nov-16 05:34 PM						
	65 - M - Pedestrian							
<i>Pedestrian crossed roadway midblock and struck by eastbound vehicle</i>								
9	EB US Highway 12 & 14 (near S Gammon Rd)		Unknown	Dry	Dark-Lighted	Clear		
	Mon	21-Nov-16 02:16 AM						
	27 - M - Pedestrian							
<i>Pedestrian crossed highway and struck by eastbound traffic</i>								

