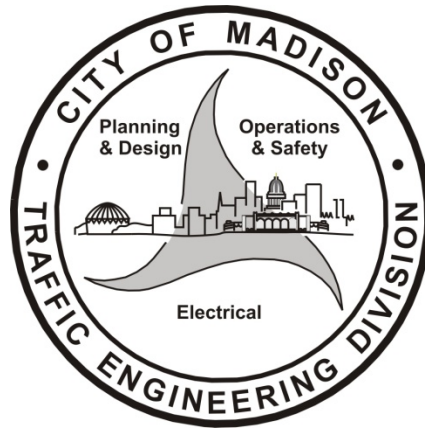




City of Madison, WI 2015 Crash Report



Traffic Engineering and Parking Divisions

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

Suite 100
215 Martin Luther King, Jr. Boulevard
P.O. Box 2986
Madison, Wisconsin 53701-2986
PH 608 266 4761
TTY/Textnet 866 704 2315
FAX 608 267 1158

The City of Madison's annual Crash Report contains statistics, charts and tables summarizing the most common factors for 2015 crashes. The report is divided into seven sections: *Non-Intersection Crash Summary, 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 and diagrammed 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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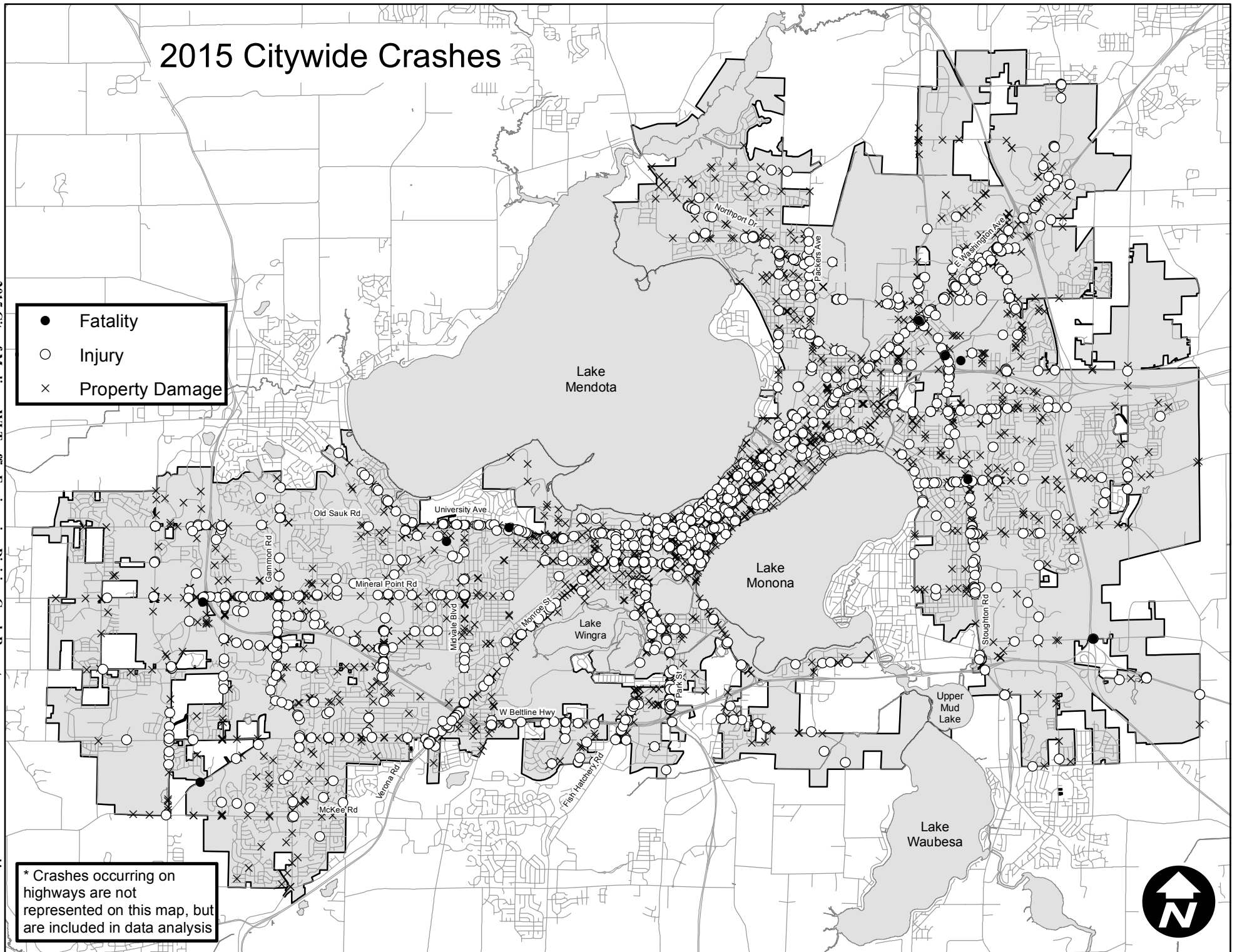
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2015 Citywide Crashes

- 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.....5,587

Fatal Crashes.....(Total Fatalities...10).....10

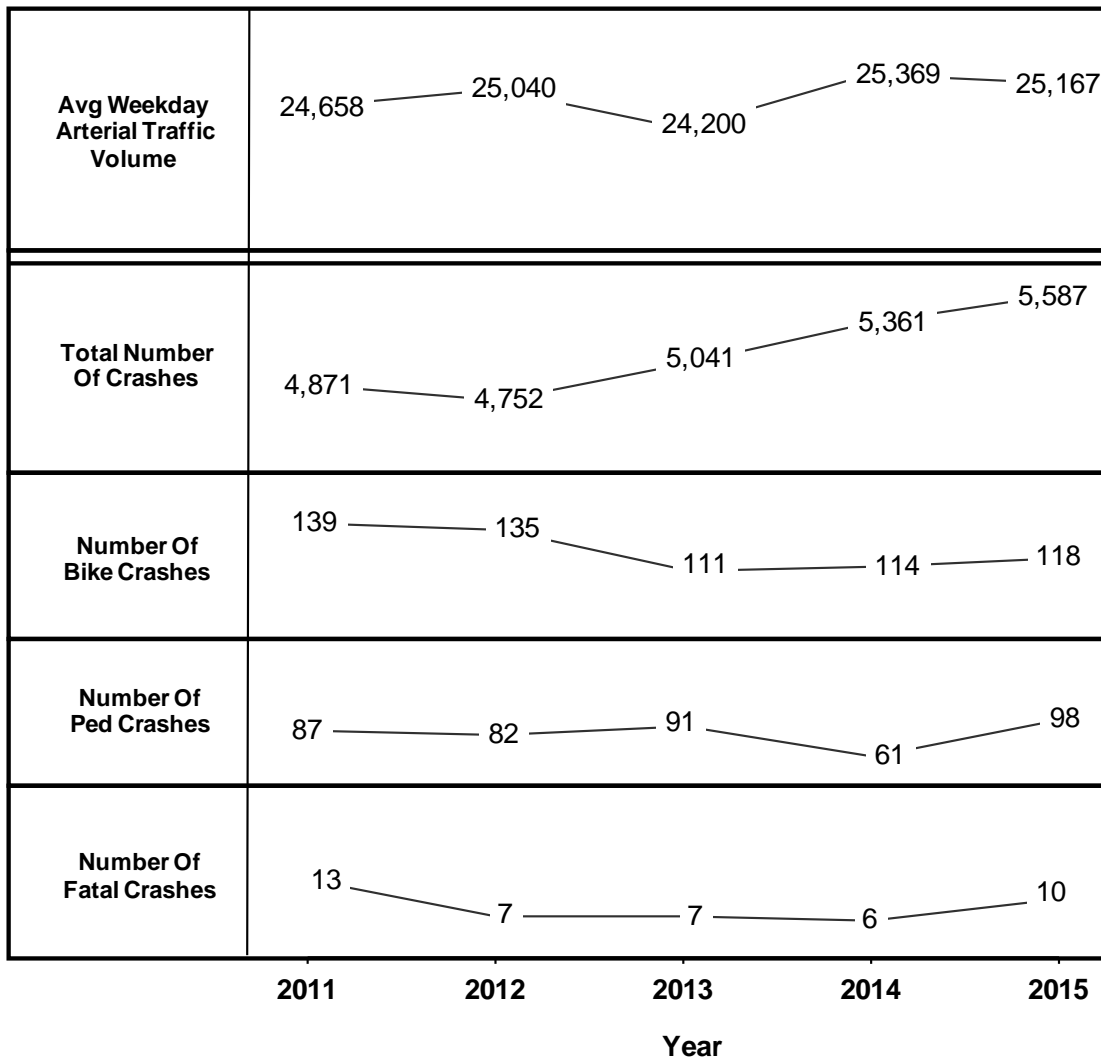
Crash Totals by General Location**

Non-Intersection Crashes..... 2,731
 Intersection Crashes..... 2,018
 Roundabout Crashes..... 80
 Hwy Crashes..... 734

Crash Totals Involving Bicyclists or Pedestrians

Bicycle-Motor Vehicle Crashes..... 118
 Pedestrian-Motor Vehicle Crashes..... 98

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..... 1,871
Total Number of Fatalities 10

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

Total Number of Injuries..... 1,871

Incapacitating Injuries	89	\$7,885,400
Non-Incapacitating Injuries	627	\$16,051,200
Possible Injuries	1,155	\$24,255,000

Total Number of Fatalities 10 \$15,140,000

Total Number of Crashes
With Property Damage..... 4,099 \$46,318,700

Grand Total\$109.7 million

1 Economic loss measures the economic loss to a community resulting from traffic crashes. The costs above were calculated using the 2014 National Safety Council estimates factored up by the CPI for 2015.

INTERSECTION CRASH SUMMARY

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Intersection Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Intersection Crashes.....		2,018
Number of injury crashes.....	(Total Injuries 862)	645
Number of fatal crashes.....	(Total Fatalities 2)	2

COMMON ELEMENTS OF INTERSECTION CRASHES

Most Common Driver Factors Reported For All Intersection Crashes

Failure To Yield.....	39%
Inattentive Driving.....	13%
Disregard Traffic Control.....	10%

Most Common Driver Factors Reported For Signalized Intersection Crashes

Failure To Yield.....	32%
Disregard Traffic Control.....	17%
Inattentive Driving.....	14%

Most Common Manner Of Collision Reported For All Intersection Crashes

Angle.....	50%
Rear End.....	21%
Sideswipe/Same Direction.....	14%

INTERSECTION CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Int. Crashes
Signal	1081	54%
Stop	821	41%
No Control	68	3%
Stop (All Way)	31	2%
Yield	14	1%
Stop (Multi)	3	0%

Percentages rounded and may not total 100%

Intersection Crash Summary

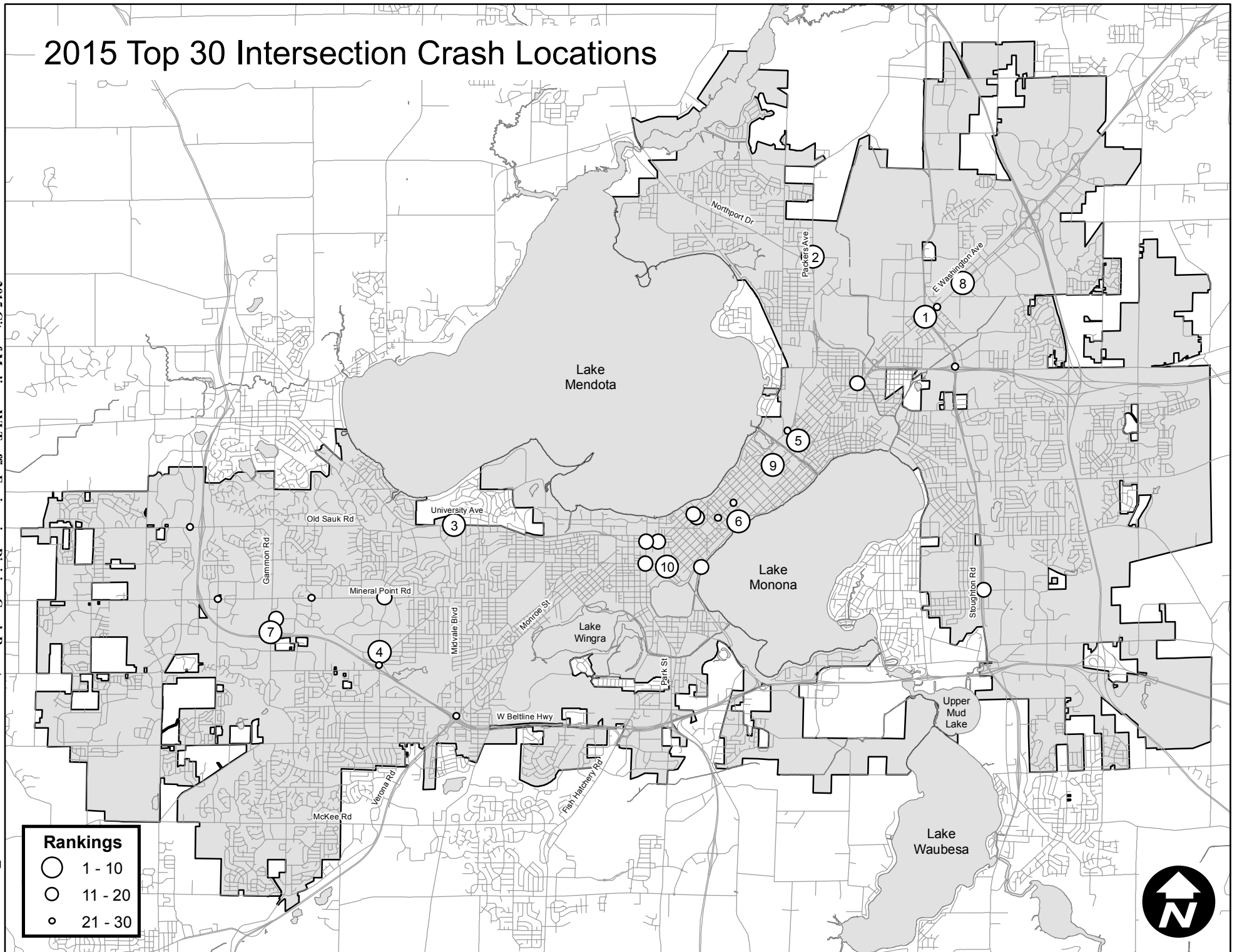
TOP 30 HIGHEST CRASH INTERSECTIONS

(All or Partially Within City of Madison Limits)

Rank	Intersection		Number of Crashes	Type of Traffic Control	Other Muni Other Roadway
1	N Stoughton Rd & E Washington Ave	*	21	Signal	USH
2	Darwin Rd & Packers Ave	*	15	Stop	CTH
3	Maple Ter & University Ave	*	13	Stop	Sho-V CTH
4	Odana Rd & S Whitney Way		13	Signal	
5	N First St & E Washington Ave	*	13	Signal	USH
6	S Blair St & John Nolen Dr	*	13	Signal	USH
7	W Beltline Hwy & S Gammon Rd (N)	*	12	Signal	USH
8	Portage Rd & Thierer Rd	*	12	Signal	USH
9	N Baldwin St & E Washington Ave	*	12	Signal	USH
10	Proudfit St & Regent St	*	11	Signal	USH
11	N Park St & Regent St		11	Signal	
12	E Gorham St & Wisconsin Ave		10	Signal	
13	Odana Rd & W Platte Dr		10	Stop	
14	E Johnson St & Wisconsin Ave		10	Signal	
15	Mineral Point Rd & S Whitney Way		10	Signal	
16	W Johnson St & N Park St		10	Signal	
17	Oak St & E Washington Ave	*	10	Stop	USH
18	John Nolen Dr & North Shore Dr	*	10	Signal	USH
19	Pflaum Rd & S Stoughton Rd Service Rd (E)		9	Stop	
20	W Johnson St & N Lake St		9	Signal	
21	N First St & E Johnson St	*	9	Signal	STH
22	S High Point Rd & Mineral Point Rd		9	Signal	
23	Mendota St & E Washington Ave	*	9	Signal	USH
24	N Butler St & E Washington Ave		8	Stop	
25	Mineral Point Rd & S Yellowstone Dr		8	Stop	
26	State Rd 30 & N Stoughton Rd (N)	*	8	Signal	USH
27	W Beltline Hwy & S Midvale Blvd	*	8	Signal	USH
28	Excelsior Dr & Old Sauk Rd		8	Signal	
29	W Beltline Hwy & S Whitney Way	*	8	Signal	USH
30	N Blount St & E Washington Ave	*	8	Stop	USH

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

2015 Top 30 Intersection Crash Locations



Rankings

- 1 - 10
- 11 - 20
- 21 - 30



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ROUNDAABOUT CRASH SUMMARY

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Roundabout Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Roundabout Crashes.....		80
Number of injury crashes.....	(Total Injuries 12)	11
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.....	46%
Improper Turn.....	9%
Following Too Close.....	8%

Most Common Manner Of Collision Reported For All Roundabout Crashes

Sideswipe/Same Direction.....	65%
Angle.....	18%
Rear End.....	10%

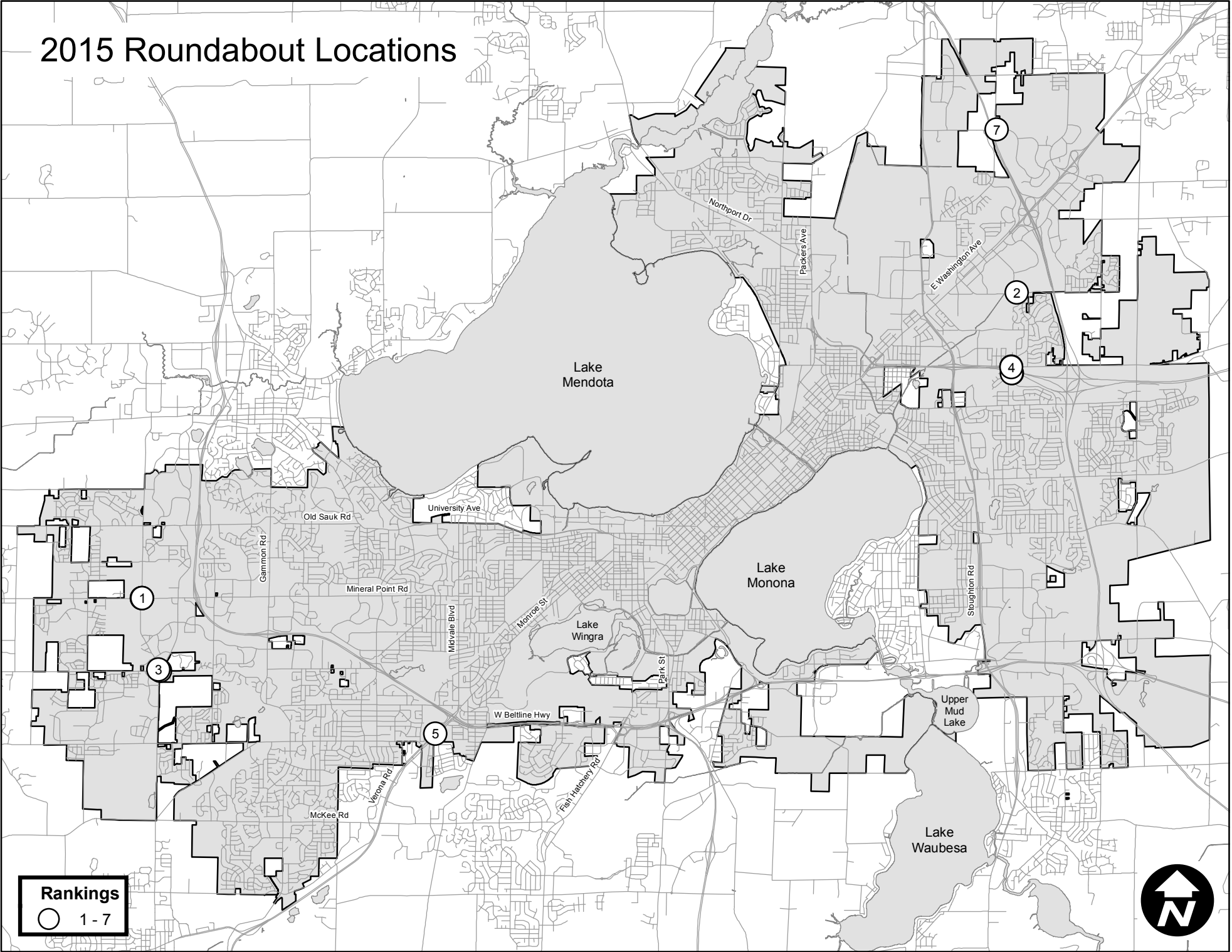
ROUNDABOUT CRASH TOTALS

(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	*	35	CTH
2	Lien Rd & N Thompson Dr		20	
3	County Rd M & Valley View Rd	*	16	CTH
4	Commercial Ave & N Thompson Dr	*	6	CTH
5	Verona Frontage Rd (E) & Verona Frontage Rd (W)		3	
6	Eastpark Blvd & Hanson Rd	*	0	Bur-T
7	N Thompson Dr & EB State Rd 30 Exit Ramp	*	0	STH

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

2015 Roundabout Locations



Rankings
○ 1-7



NON-INTERSECTION CRASH SUMMARY

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Non-Intersection Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Non-Intersection Crashes.....		2,731
Number of injury crashes.....	(Total Injuries 736)	598
Number of fatal crashes.....	(Total Fatalities 7)	7

COMMON ELEMENTS OF NON-INTERSECTION CRASHES

Most Common Driver Factors Reported For All Non-Intersection Crashes

Following Too Close.....	21%
Inattentive Driving.....	20%
Failure To Keep Vehicle Under Control.....	11%
Failure To Yield.....	11%
Other.....	8%

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

Rear End.....	47%
Sideswipe/Same Direction.....	21%
No Collision With Another Vehicle.....	16%
Angle.....	11%
Sideswipe/Opposite Direction.....	2%
Head On Collision.....	1%
Unknown.....	1%
Rear To Rear.....	1%

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

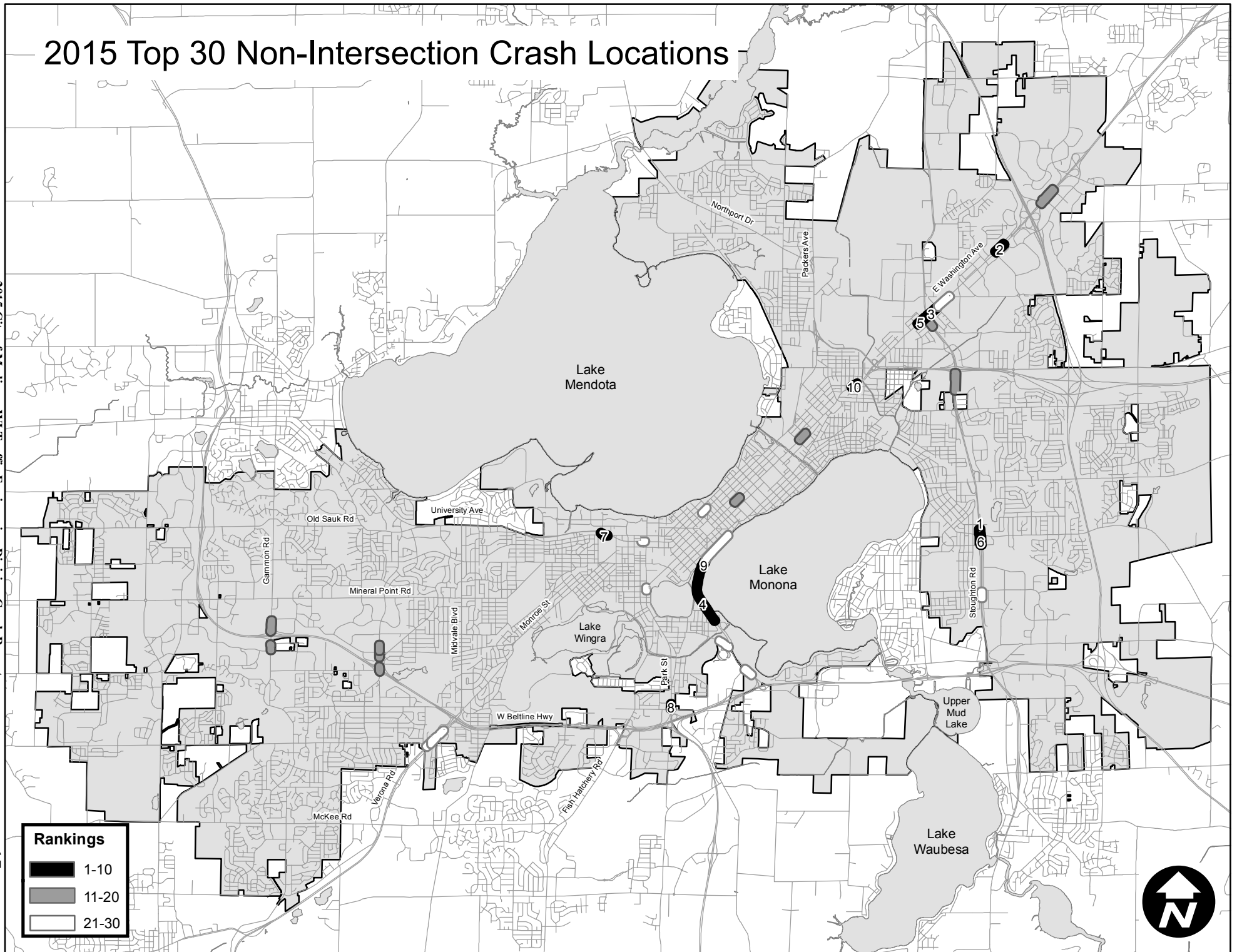
Non-Intersection Crash Summary

TOP 30 HIGHEST CRASH NON-INTERSECTION LOCATIONS

Rank	Location	Number of Crashes	Estimated Traffic On Average Day
1	1700 S Stoughton Rd	28	42,200
2	4700 E Washington Ave	23	45,400
3	3700 E Washington Ave	23	56,850
4	400 John Nolen Dr	21	43,500
5	3600 E Washington Ave	20	47,200
6	1800 S Stoughton Rd	17	43,550
7	1500 Campus Dr	15	25,700
8	2300 S Park St	15	29,200
9	300 John Nolen Dr	15	40,750
10	2900 E Washington Ave	15	43,650
11	1900 E Washington Ave	14	44,900
12	300 N Stoughton Rd	14	51,350
13	650 S Whitney Way	13	24,800
14	1400 N Stoughton Rd	13	32,700
15	700 S Whitney Way	13	41,600
16	5300 E Washington Ave	13	58,200
17	800 S Whitney Way	12	29,300
18	500 S Gammon Rd	12	33,250
19	675 S Gammon Rd	12	39,300
20	700 E Washington Ave	12	43,900
21	2500 S Stoughton Rd	12	45,550
22	3800 E Washington Ave	12	62,900
23	250 E Olin Ave	11	8,550
24	900 W Johnson St	11	30,950
25	800 John Nolen Dr	11	41,850
26	1 John Nolen Dr (W of Monona Terrace Signals)	11	48,700
27	4600 Verona Rd	11	56,550
28	4700 Verona Rd	11	56,550
29	100 E Johnson St	10	22,050
30	400 S Park St	10	43,800

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

2015 Top 30 Non-Intersection Crash Locations



Rankings	
	1-10
	11-20
	21-30



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BICYCLE CRASH SUMMARY

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Bicycle Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Bicycle Crashes.....		118
Number of injury crashes.....	(Total Injuries 99)	98
Number of fatal crashes.....	(Total Fatalities 2)	2

COMMON ELEMENTS OF BICYCLE CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	49%
Other.....	4%
Inattentive Driving.....	4%
Improper Turn.....	4%

Most Common Bicycle Operator Factors Reported

Failure To Yield.....	12%
Disregard Traffic Control.....	6%
Other.....	5%

Most Common Manner Of Collision Reported For All Bicycle Crashes

Angle.....	70%
Sideswipe/Same Direction.....	13%
No Collision With Another Vehicle.....	10%

BICYCLE CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Bicycle Crashes
Signalized Intersection	47	40%
Non-Intersection	38	32%
Stop Controlled Intersection	26	22%
All Way Stop Controlled Intersection	3	3%
Yield Controlled Roundabout Intersection	2	2%
Uncontrolled Intersection	2	2%

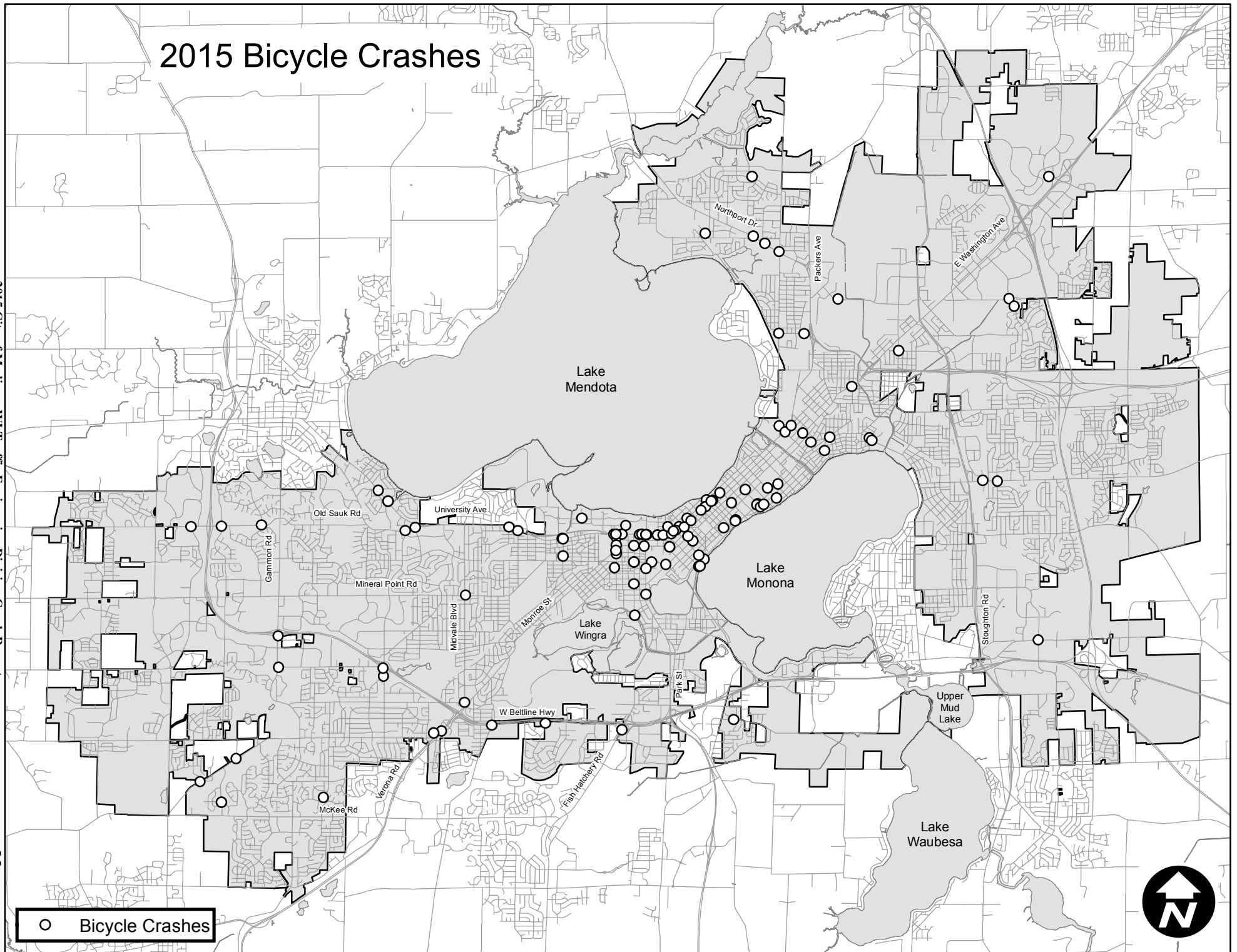
**Percentages rounded and may not total 100% **

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
400 W Gorham St	2	Non-Intersection
John Nolen Dr & North Shore Dr	2	Signalized Intersection
N Bedford St & W Dayton St	2	Stop Controlled Intersection
N Butler St & N Hamilton St	2	Signalized Intersection
N Lake St & University Ave	2	Signalized Intersection
N Mills St & Regent St	2	Signalized Intersection
N Randall Ave & University Ave	2	Signalized Intersection
S Blair St & John Nolen Dr	2	Signalized Intersection
S Paterson St & Williamson St	2	Signalized Intersection
Spring Harbor Dr & University Ave	2	Signalized Intersection

2015 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.....		98
Number of injury crashes.....	(Total Injuries 96)	91
Number of fatal crashes.....	(Total Fatalities 3)	3

COMMON ELEMENTS OF PEDESTRIAN CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	43%
Inattentive Driving.....	12%
Other.....	7%

Most Common Pedestrian Factors Reported

Other.....	9%
Failure To Yield.....	4%
Disregard Traffic Control.....	3%

Most Common Manner Of Collision Reported For All Pedestrian Crashes

No Collision With Another Vehicle.....	44%
Angle.....	43%
Sideswipe/Same Direction.....	5%

PEDESTRIAN CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Ped. Crashes
Signalized Intersection	33	34%
Non-Intersection	31	32%
Stop Controlled Intersection	29	30%
Uncontrolled Intersection	2	2%
All Way Stop Controlled Intersection	2	2%
Yield Controlled Intersection	1	1%

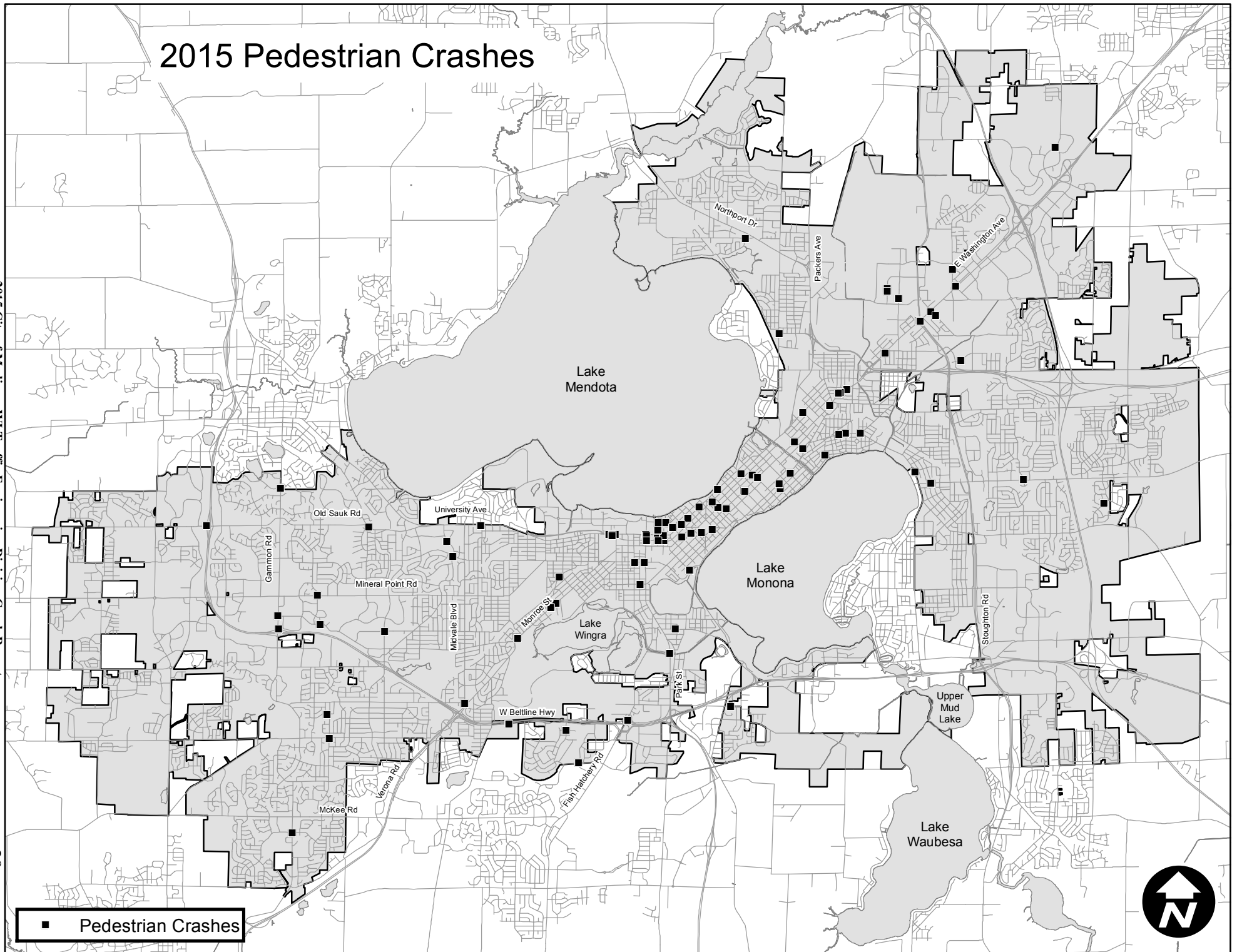
Percentages are rounded and may not total 100%

Pedestrian Crash Summary

LOCATIONS WITH TWO OR MORE PEDESTRIAN CRASHES

Location	Number of Crashes	Type of Traffic Control
300 Cottage Grove Rd	2	Non-Intersection
Hammersley Rd & S Midvale Blvd	2	Signalized Intersection
N Paterson St & E Washington Ave	2	Signalized Intersection
N Stoughton Rd & E Washington Ave	2	Signalized Intersection
S Bedford St & North Shore Dr	2	Stop Controlled Intersection

2015 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.....		65
Number of injury crashes.....	(Total Injuries 51)	46
Number of fatal crashes.....	(Total Fatalities 0)	0

COMMON ELEMENTS OF MOTORCYCLE CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	31%
Following Too Close.....	8%
Other.....	5%
Inattentive Driving.....	5%

Most Common Motorcycle Operator Factors Reported

Following Too Close.....	11%
Failure To Keep Vehicle Under Control.....	6%
Other.....	5%

Most Common Manner Of Collision Reported For All Motorcycle Crashes

No Collision With Another Vehicle.....	34%
Rear End.....	28%
Angle.....	28%

MOTORCYCLE CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Motorcycle Crashes
Non-Intersection	28	43%
Stop Controlled Intersection	15	23%
Signalized Intersection	15	23%
Hwy Non-Intersection	7	11%

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

Highway Crashes Included in Data Analysis

Motorcycle Crash Summary

LOCATIONS WITH TWO OR MORE MOTORCYCLE CRASHES

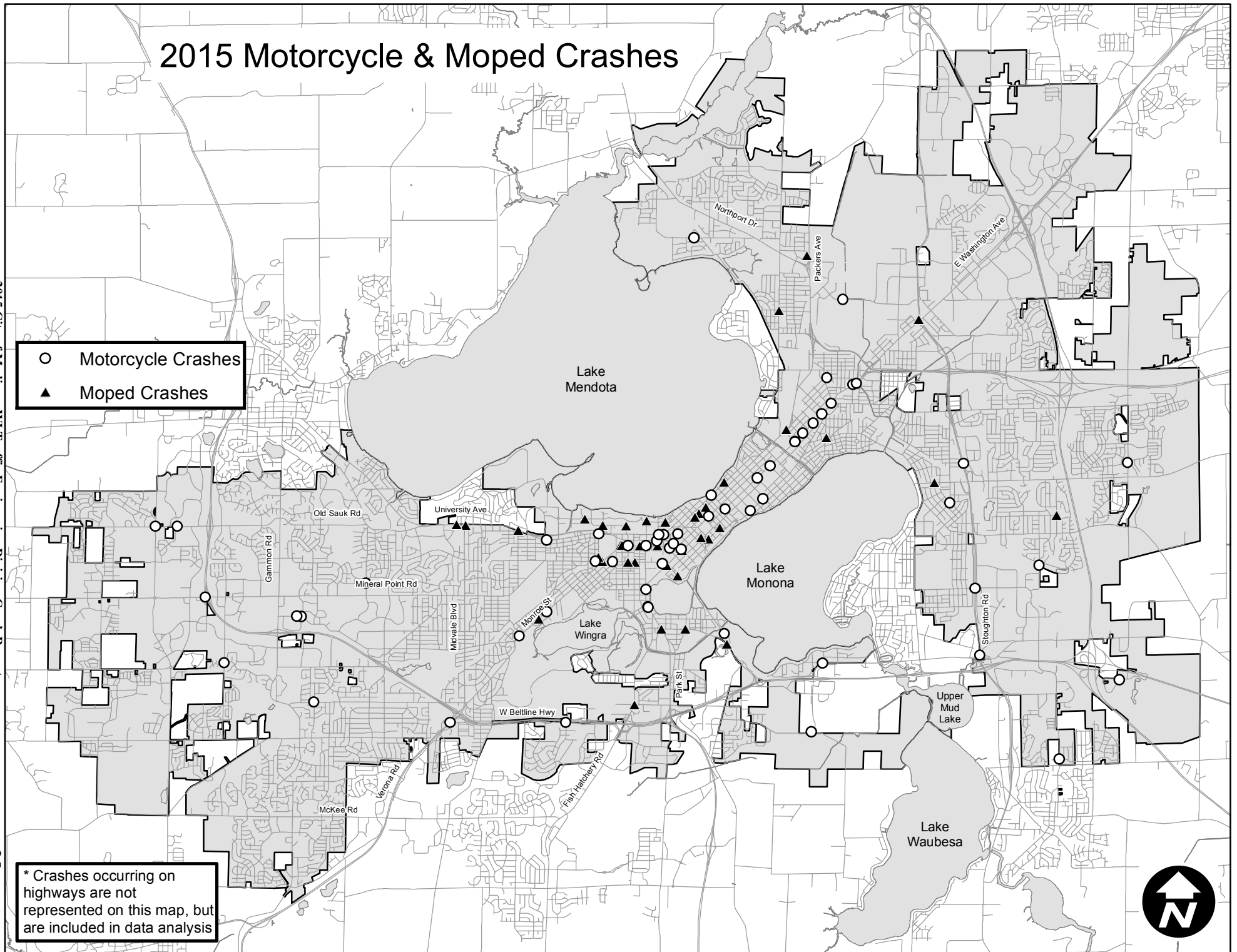
Location	Number of Crashes	Type of Traffic Control
N First St & E Washington Ave	2	Signalized Intersection

****Highway Crashes Included in Data Analysis****

2015 Motorcycle & Moped Crashes

- Motorcycle Crashes
- ▲ Moped Crashes

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



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MOPED CRASH SUMMARY

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Moped Crash Summary

CRASHES / INJURIES / FATALITIES

Total Number Of Reported Moped Crashes.....		39
Number of injury crashes.....	(Total Injuries 32)	32
Number of fatal crashes.....	(Total Fatalities 0)	0

COMMON ELEMENTS OF MOPEL CRASHES

Most Common Auto Operator Factors Reported

Failure To Yield.....	15%
Inattentive Driving.....	8%
Improper Turn.....	5%

Most Common Moped Operator Factors Reported

Failure To Yield.....	13%
Failure To Keep Vehicle Under Control.....	13%
Inattentive Driving.....	8%

Most Common Manner Of Collision Reported For All Moped Crashes

Angle.....	31%
Rear End.....	23%
No Collision With Another Vehicle.....	23%

MOPEL CRASHES / TRAFFIC CONTROL

Type Of Traffic Control	Number Of Crashes	% Of Moped Crashes
Non-Intersection	13	33%
Stop Controlled Intersection	11	28%
Signalized Intersection	11	28%
Uncontrolled Intersection	3	8%
Hwy Non-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						
Crash Description							
1	800 N Stoughton Rd		No Collision With Another Vehicle	Dry	Dusk	Cloudy	
	Fri	13-Mar-15 07:17 PM					
	51 - M - Driver Of SB Vehicle (Unit 1)						
<i>Driver lost control of vehicle, struck guardrail, and was ejected</i>							
2	200 Commerce Dr		No Collision With Another Vehicle	Dry	Day	Clear	
	Mon	13-Apr-15 04:30 PM					
	61 - F - Driver Of NB Vehicle (Unit 1)						
<i>Vehicle struck a tree and became partially submerged in a ditch</i>							
3	Ramp from EB USH 12-18 to EB I 39-90		No Collision With Another Vehicle	Dry	Day	Cloudy	
	Mon	20-Apr-15 05:18 PM					
	30 - F - Driver Of SB Vehicle (Unit 1)						
<i>Vehicle left roadway and struck a tree</i>							
4	6000 Femrite Dr		No Collision With Another Vehicle	Wet	Dusk	Rain	
	Thu	14-May-15 07:33 PM					
	49 - M - Driver Of WB Vehicle (Unit 1)						
<i>Vehicle struck cement bridge support and caught fire</i>							
5	7930-7999 Raymond Rd		Angle	Dry	Day	Clear	
	Wed	10-Jun-15 07:24 AM					
	23 - F - Bicyclist Of SB Bicycle (Unit 2)						
<i>Bicyclist on bike path struck while crossing roadway</i>							
6	N Stoughton Rd & E Washington Ave		No Collision With Another Vehicle	Dry	Day	Clear	Signalized Intersection
	Thu	18-Jun-15 07:13 PM					
	36 - F - Pedestrian						
<i>Pedestrian in crosswalk struck by vehicle turning right</i>							
7	Ridge St & University Ave		Angle	Dry	Day	Clear	Signalized Intersection
	Mon	13-Jul-15 09:12 AM					
	11 - M - Bicyclist Of NB Bicycle (Unit 1)						
<i>Bicyclist struck by vehicle while crossing roadway at intersection</i>							
8	4100 Nakoosa Trl		Rear End	Dry	Dawn	Clear	
	Sat	05-Sep-15 07:23 AM					
	51 - M - Pedestrian						
<i>Pedestrian on sidewalk struck by vehicle that had crossed median</i>							
9	800 S Stoughton Rd		No Collision With Another Vehicle	Snow	Dark-Lighted	Clear	
	Mon	23-Nov-15 02:15 AM					
	48 - M - Driver Of NB Vehicle (Unit 1)						
<i>Vehicle struck sign and rolled, ejecting driver</i>							

	Location						
	Date/Time		Crash Type	Road Condition	Light Condition	Weather Condition	Traffic Control
	Fatality: Age-Sex-Role			Alcohol Present - Role		Drug Present - Role	
	<i>Crash Description</i>						
10	500 N Segoe Rd						
	Tue	15-Dec-15	11:01 AM	No Collision With Another Vehicle	Dry	Day	Cloudy
	82 - F - Pedestrian					Y - Driver	
<i>Pedestrian struck by vehicle that had exited underground parking structure</i>							

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