

Welcome &
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Intersection Examples

Intersection Example 1

- For our example, we are going to find all crashes at the intersection of W. Walnut St. and Ashland Ave in Green Bay from 2013-2017
 - Brown County



Intersection Example 1

- Select MV4000 Data Source
- Select Date Range
 - Starting Year: January 2013
 - Ending Year: December 2017
- Select Crash Location Area
 - Under County: Choose Brown
 - Under Municipality: Choose Green Bay (c), Brown
- Click “Retrieve Data”
 - Either at the top or bottom of the web page

Intersection Example 1

- Your screen should now look like this

The Total Number of Records for this Query is 4673.

Rows Per Page:
 Order By:
 Column List:

	#	DOCTNMBR	ACCDDATE	NTFYHOUR	REGION	COUNTY	MUNICIPALITY	MUNITYPE	ONHWYRP	ONHWYDIR	ONHWY	ONSTR	ATH
	1	C3SR0K9	02/28/2014	7	NE	BROWN	GREEN BAY	C	029	E	041		29
	2	04L0XCTJN6	12/17/2017	13	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	029
	3	RX8SGVG	12/28/2015	11	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	29
	4	9DSRQMM	10/03/2016	16	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	5	A077047	05/18/2016	13	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	
	6	A135102	01/06/2016	9	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	
	7	9DZD869	12/12/2016	3	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	8	A066899	07/04/2014	13	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	9	A012684	07/25/2016	12	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	10	04L0FFP3BF	03/31/2017	11	NE	BROWN	GREEN BAY	C	029	E	029		
	11	04L0PMCGRH	05/14/2017	9	NE	BROWN	GREEN BAY	C	029	E	029		
	12	A076569	07/20/2015	8	NE	BROWN	GREEN BAY	C	029	E		SHAWANO AVE	
	13	A012469	10/12/2016	7	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	14	A272832	12/16/2013	6	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	

Intersection Example 1

- From this screen, click "Refine Location"

The Total Number of Records for this Query is 4673.

Rows Per Page:
 Order By:
 Column List:

	#	DOCTNMBR	ACCDDATE	NTFYHOUR	REGION	COUNTY	MUNICIPALITY	MUNITYPE	ONHWYRP	ONHWYDIR	ONHWY	ONSTR	ATH
	1	C3SR0K9	02/28/2014	7	NE	BROWN	GREEN BAY	C	029	E	041		29
	2	04L0XCTJN6	12/17/2017	13	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	029
	3	RX8SGVG	12/28/2015	11	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	29
	4	9DSRQMM	10/03/2016	16	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	5	A077047	05/18/2016	13	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	
	6	A135102	01/06/2016	9	NE	BROWN	GREEN BAY	C	029	E		TAYLOR ST S	
	7	9DZD869	12/12/2016	3	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	8	A066899	07/04/2014	13	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	9	A012684	07/25/2016	12	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	10	04L0FFP3BF	03/31/2017	11	NE	BROWN	GREEN BAY	C	029	E	029		
	11	04L0PMCGRH	05/14/2017	9	NE	BROWN	GREEN BAY	C	029	E	029		
	12	A076569	07/20/2015	8	NE	BROWN	GREEN BAY	C	029	E		SHAWANO AVE	
	13	A012469	10/12/2016	7	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	
	14	A272832	12/16/2013	6	NE	BROWN	GREEN BAY	C	029	E	029	SHAWANO AVE	

Intersection Example 1

- The Refine Location Screen looks like this



Wisconsin Traffic Operations and Safety Laboratory The WisTransPortal System

The WisTransPortal crash database contains information on all reported crashes in Wisconsin from 1994 through the online system. Complete information on the WisTransPortal crash database is available at crash-data@topslab.wisc.edu.

[Home](#) > [Web Applications](#) > [Crash Data Tools](#) > [Crash Data](#)

Crash Data Retrieval Facility, Version 1.2.6, January 31, 2019

To refine the search location to a specific roadway, populate the Refine By list and click **Refine**. Repeat the process a second time and return to the crash query results page. [See the Help page for complete instructions.](#)

- Search or select highway or street names and Add to the Refine By list on the right.

HWY	STR	Refine By	
<input type="text"/>	<input type="text"/>	HWY	STR
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
00	10 ST	<input type="text"/>	<input type="text"/>
029	10TH AVE	<input type="text"/>	<input type="text"/>
032	10TH ST	<input type="text"/>	<input type="text"/>
041	11TH AVE	<input type="text"/>	<input type="text"/>
043	12 AVE	<input type="text"/>	<input type="text"/>
054	12 TH AVE	<input type="text"/>	<input type="text"/>
057	12TH AVE	<input type="text"/>	<input type="text"/>

- Exclude crashes more than miles from roadway (.01 miles = 52.8 feet).

Leave blank to retain all crashes.

Intersection Example 1

- Note: Some roads are also listed as local highways or have multiple names in certain areas
- For most accurate results please select all that apply
- For example: In Green Bay, Walnut Street is also Hwy 29, so we will select both of them for our “Refine” search in the next slide

Intersection Example 1

- In the STR box, type Walnut
- Click “Add >”
- In HWY box, type 29
- Click “Add >”

Refine Back to Results Page Reset Form New Query Exit

1. Search or select highway or street names and Add to the Refine By list on the right.

HWY	STR		HWY	STR
			029	E WALNUT ST
00	10 ST		29	W WALNUT ST
029	10TH AVE	Add >		WALNUT ST
032	10TH ST	< Remove		WALNUT ST E
041	11TH AVE	<< Remove All		WALNUT ST W
043	12 AVE			
054	12 TH AVE			
057	12TH AVE			

2. Exclude crashes more than **miles from roadway (.01 miles = 52.8 feet).**
Leave blank to retain all crashes.

Intersection Example 1

- Remove all un-related results
 - We are looking at W. Walnut St, so we can remove all E. Walnut Street results that come up
- Select all the E Walnut types
- Click “< Remove”
- Then click “Refine”

Refine Back to Results Page Reset Form New Query Exit

1. Search or select highway or street names and Add to the Refine By list on the right.

HWY	STR		HWY	STR
			029	E WALNUT ST
00	10 ST		29	W WALNUT ST
029	10TH AVE	Add >		WALNUT ST
032	10TH ST	< Remove		WALNUT ST E
041	11TH AVE	<< Remove All		WALNUT ST W
043	12 AVE			
054	12 TH AVE			
057	12TH AVE			

Intersection Example 1

- Under STR, type Ashland
- Click the “Add >”
- Then Click “Refine”

Refine Back to Results Page Reset Form New Query Exit

1. Search or select highway or street names and Add to the Refine By list on the right.

HWY	STR		Refine By
			HWY STR
029 ▲	12TH AVE		ASHLAND AVE ▲
041	ADAMS ST		ASHLAND AVE N
054	ADAMS ST N	Add >	ASHLAND AVE S
141	ADAMS ST S	< Remove	N ASHLAND AVE
29	ALFRAN ST	<< Remove All	S ASHLAND AVE
54	ALFRON ST		
57	ALLARD AVE		
V ▼	ALLEY		

Intersection Example 1

- Click “Back to Results Page”
 - Notice there are 28 records for this query

Intersection Example 1

- The Screen should look as follows
- From here you can analyze the data, extract it to Excel, etc.



Wisconsin Traffic Operations and Safety Laboratory
The WisTransPortal System

The WisTransPortal crash database contains information on all reported crashes in Wisconsin from 1994 through the current year. Consult the [DT4000](#) and [MV4000](#) Crash Data User Guides for a list of crash data elements and attributes available through the online system. Complete information on the WisTransPortal crash database is available from the [Crash Database Documentation](#) page. User feedback is welcome. Please send comments to crash-data@topslab.wisc.edu.

Crash Data Retrieval Facility, Version 2.0.3, September 23, 2019

```
SELECT * FROM (SELECT * FROM (SELECT * FROM CRASHPRD_V_COMBINED_CMAA C WHERE C.ACDDATE BETWEEN TO_DATE('2013-JAN','YYYY-MM') AND LAST_DAY(TO_DATE('2017-DEC','YYYY-MM')) AND C.CNTYCODE IN ('5') AND C.MUNICODE IN ('556') AND C.ACCLDLOC IN ('1','N')) C WHERE (ONHWY IN ('029','29') OR ATHWY IN ('029','29') OR ONSTR IN ('W WALNUT ST','WALNUT ST','WALNUT ST W') OR ATSTR IN ('W WALNUT ST','WALNUT ST','WALNUT ST W')) ) C WHERE (ONSTR IN ('ASHLAND AVE','ASHLAND AVE N','ASHLAND AVE S','N ASHLAND AVE','S ASHLAND AVE') OR ATSTR IN ('ASHLAND AVE','ASHLAND AVE N','ASHLAND AVE S','N ASHLAND AVE','S ASHLAND AVE')) ORDER BY C.COUNTY, C.MUNICIPALITY, C.MUNITYPE, C.ONHWYRP, C.ONHWYDIR, C.ONHWY, C.RPNMBR, C.RPDIS, C.ONHWY, C.ONSTR, C.ATHWY, C.ATSTR, C.INTDIR, C.INTDIS
```

The Total Number of Records for this Query is 28.

Refine Location | Summarize Data | Show CMAA Crash Map | New Query | Exit

Data Source: MV4000

View additional crash detail | View the crash report | Crash report is not available | Crash report is restricted

[MV4000 Crash Data User Guide](#)

First | Previous | Next | Last | Rows Per Page: 20 | Order By: LOCATION | Column List: GENERAL PURPOSE | Customize

[Download Result Set \(Text/CSV\)](#)

#	DOCTNMBR	ACCDDATE	NTFYHOUR	REGION	COUNTY	MUNICIPALITY	MUNITYPE	ONHWYRP	ONHWYDIR	ONHWY	ONSTR	ATHWY	ATSTR	ATNMBR	INTDIR	INTDIS	ACCDTYPE	MNRCOLL	RLTNRDWCY	ACCDLOC	HWYCLASS	TRFCWAY	ROADCOND	WTHRCOND	LGT
1	04L0FFP3BK	04/13/2017	12	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	ASHLAND AVE S		W	3		REAR	ON	N	U STH	D/B		CLDY		
2	A227115	01/11/2015	2	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	ASHLAND AVE S		W	1		ANGL	ON	I	U STH	D/WO	ICE	CLR	LIG	
3	A077161	12/20/2013	11	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	S ASHLAND AVE			1		REAR	ON	I	U STH	ND	SNOW	SNOW		
4	A184370	12/01/2014	9	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	ASHLAND AVE			0		ANGL	ON	I	U STH	ND		CLR		
5	A010851	09/05/2014	12	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	ASHLAND AVE			0		ANGL	ON	I	U STH	ND		CLR		
6	9A262HZC	11/28/2016	23	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	ASHLAND AVE N			0		ANGL	ON	I	U STH	D/WO	WET	RAIN	LIG	
7	04L0W13B04	08/27/2017	0	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	ASHLAND AVE N			0		ANGL	ON	I	U STH	D/B	WET	RAIN	LIG	
8	A148315	08/26/2013	6	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	N ASHLAND AVE			1		ANGL	ON	I	U STH	D/WO		CLDY		
9	A266157	07/13/2013	13	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	S ASHLAND AVE			0		ANGL	ON	I	U STH	ND		CLR		
10	A105664	03/22/2013	23	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	S ASHLAND AVE			0		ANGL	ON	I	U STH	ND		CLR	LIG	
11	A264039	07/22/2014	9	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	S ASHLAND AVE			0	BIKE	NO	ON	I	U STH	D/WO		CLR		
12	A323577	08/14/2013	3	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	S ASHLAND AVE			0		ANGL	ON	I	U STH	ND		CLR	DAR	
13	A218544	12/15/2013	2	NE	BROWN	GREEN BAY	C	029	E	029	WALNUT ST W	S ASHLAND AVE			1		ANGL	ON	I	U STH	ND	SNOW	SNOW	LIG	
14	A226959	11/04/2015	14	NE	BROWN	GREEN BAY	C	029	E		ASHLAND AVE	29 WALNUT ST			0		REAR	ON	I	U CITY	ND		CLR		
15	04L0LQXVNB	09/13/2017	7	NE	BROWN	GREEN BAY	C	029	E		ASHLAND AVE N 029					0		REAR	ON	I	U CITY	ND		CLR	DAV
16	A226881	09/09/2013	21	NE	BROWN	GREEN BAY	C	029	E		ASHLAND AVE N	W WALNUT ST			1		ANGL	ON	I	U CITY	D/WO		CLR	LIG	

Intersection Example 2 (Roundabouts)

- NOTE: On old form, MV4000 (Pre-2017) no direct way to pull roundabout crashes.
 - Similar to regular intersection
 - More error prone, requires more caution/quality control
- New form, DT4000 (2017 onward) has direct way to query roundabout crashes
 - NOT ALL CRASHES CODED AS ROUNDABOUT

Intersection Example 2 (Roundabouts)

- Choose starting & ending month/year

1. Select a Date Range:

Starting Year: Month:

Ending Year: Month:

Restrict Date Range to Selected Months: [Clear Selected](#) | [Help](#)

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



- Advanced Query
 - C.INTTYPE (intersection Type)

8. Advanced Query Block: [Help](#)

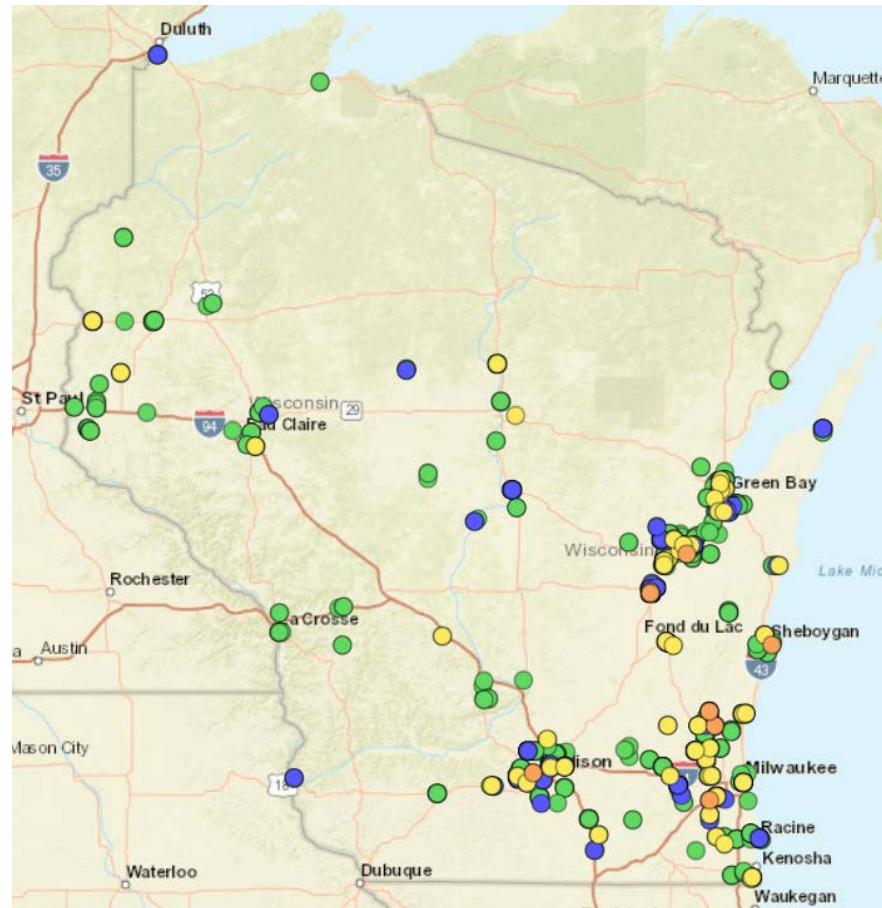
Condition 8.1:

[Remove this element](#)

- Not At Intersection
- Four-Way Intersection
- T-Intersection
- Y-Intersection
- L-Intersection
- Roundabout
- Five-Point, or More
- Other

Intersection Example 2 (Roundabouts)

- 1519 crashes coded at roundabouts in 2018



Intersection Example 3 (Roundabouts)

- 2018 crashes STH32/57 Broadway&Wisconsin
– Must choose **DT4000 Data Source**
- Select Advanced Query
- 2018 crashes in Brown County, De Pere (C)

1. Select a Date Range:

Starting Year: Month:

Ending Year: Month:

Restrict Date Range to Selected Months: [Clear Selected](#) | [Help](#)

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



2. Select a Crash Location Area: [Clear Selected](#) | [Help](#)

Region:

SELECT ALL
NC
NE
NW
SE
SW

County:

SELECT ALL
ADAMS
ASHLAND
BARRON
BAYFIELD
BROWN
BUFFALO
BURNETT

Municipality:

SELECT ALL
ALLOUEZ (V), BROWN
ASHWAUBENON (T), BROWN
ASHWAUBENON (V), BROWN
BELLEVUE (T), BROWN
BELLEVUE (V), BROWN
DE PERE (C), BROWN
DE PERE (T), BROWN

Intersection Example 3 (Roundabouts)

- 2018 crashes STH32/57 Broadway&Wisconsin
- Under “8. Advanced Query Block”
 - Choose “C.INTTYPE”, select Roundabout
 - Again must choose DT4000 to see “C.INTTYPE” Query Block

8. Advanced Query Block: [Help](#)

Condition 8.1:

C.INTTYPE [Remove this element](#)

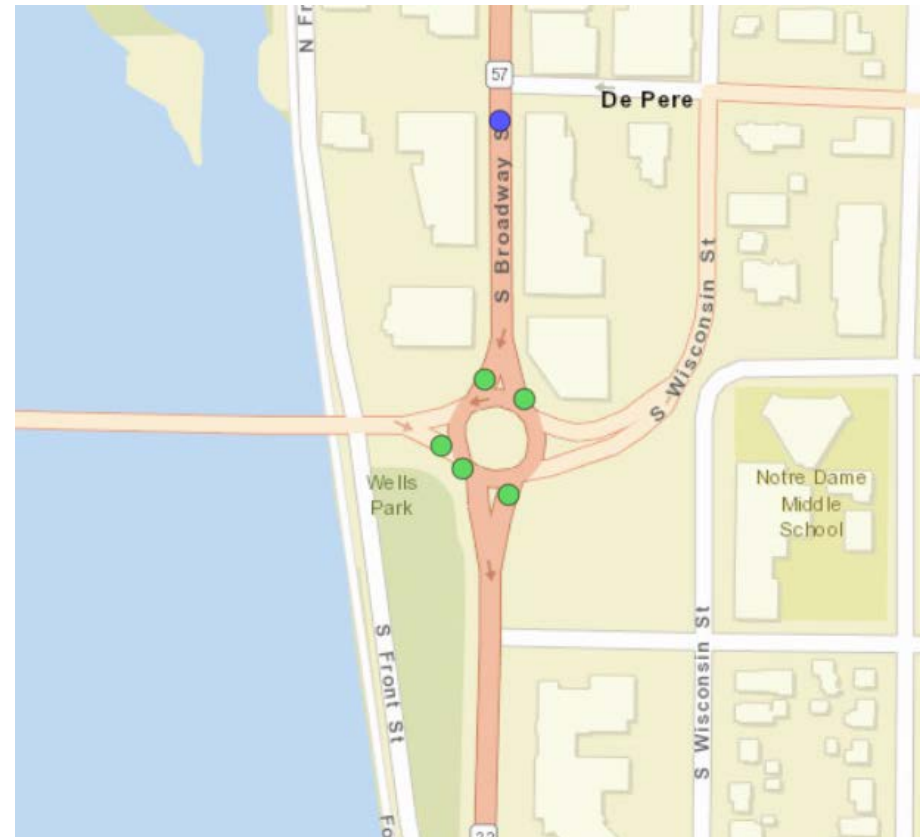
- Not At Intersection
- Four-Way Intersection
- T-Intersection
- Y-Intersection
- L-Intersection
- Roundabout
- Five-Point, or More
- Other

- Retrieve data

Intersection Example 3 (Roundabouts)

- 2018 crashes STH32/57 Broadway&Wisconsin

- Only Queries 35
 - Only 5 at intersection



Intersection Example 3 (Roundabouts)

- STH32/57 Broadway & Wisconsin

– Roundabout Flag (5)



vs. All De Pere Crashes (8)

