

**Appendix C:
Complete Bicyclist-Motorist Crash Data 2000-2010**

Crashes by Year

Year	Count	Percent
2000	298	10.0%
2001	269	9.0%
2002	233	7.8%
2003	234	7.9%
2004	298	10.0%
2005	258	8.7%
2006	252	8.5%
2007	327	11.0%
2008	255	8.6%
2009	275	9.2%
2010	274	9.2%
Total	2,973	100.0%

Crashes by Month

Month	Count	Percent
January	30	1.0%
February	52	1.7%
March	85	2.9%
April	213	7.2%
May	341	11.5%
June	413	13.9%
July	459	15.4%
August	439	14.8%
September	406	13.7%
October	305	10.3%
November	151	5.1%
December	79	2.7%
Total	2,973	100.0%

Crashes by Day

Year	Count	Percent
Sunday	280	9.4%
Monday	423	14.2%
Tuesday	501	16.9%
Wednesday	476	16.0%
Thursday	473	15.9%
Friday	484	16.3%
Saturday	336	11.3%
Total	2,973	100.0%

Crashes by Time

Time Period	Count	Percent
Midnight - 3:00 a.m.	141	4.7%
3:00-6:00 a.m.	29	1.0%
6:00-9:00 a.m.	246	8.3%
9:00 a.m. - Noon	291	9.8%
Noon - 3:00 p.m.	482	16.2%
3:00-6:00 p.m.	869	29.2%
6:00-9:00 p.m.	624	21.0%
9:00 - Midnight	291	9.8%
Total	2,973	100.0%

Distance From Intersection

Year	Count	Percent
Center (at Intersection)	1,219	41.0%
0-50 ft	1,188	40.0%
> 50 ft	566	19.0%
Total	2,973	100.0%

Crash Circumstance

Circumstance	Count	Percent
Not-Applicable	2355	79.0%
Hit and Run	615	20.7%
Hit and Run & Police Chase	2	0.1%
Police Chase	1	0.0%
Total	2,973	100.0%

Vehicle Type (other than bicycle)

Year	Count	Percent
Automobile	2,756	93.5%
Truck	43	1.5%
Taxi	41	1.4%
Bus	40	1.4%
Emergency Vehicle	18	0.6%
Motorcycle	9	0.3%
Pedestrian	4	0.1%
Limousine	3	0.1%
Not-Applicable	3	0.1%
Unknown or Other	32	1.1%
Total	2,949*	100.0%

*There were 24 non-bicycle pairings due to crashes involving three or more vehicles or coding error.

Injury Severity

Injury Severity	Count	Percent
Type-C	1,781	59.9%
Type-B	671	22.6%
Type-A	122	4.1%
Fatal	12	0.4%
Unknown or Not-Applicable	387	13.0%
Total	2,973	100.0%

Bicyclist Condition

Bicyclist Condition	Count	Percent
Normal	2,453	83.2%
Unknown or Other	297	10.1%
Had Been Drinking	100	3.4%
Under the Influence	70	2.4%
Not-Applicable	16	0.5%
Aggressive	5	0.2%
Drug Use	4	0.1%
Fatigued or Asleep	2	0.1%
Ill or Challenged	2	0.1%
Total	2,949*	100.0%

*There were 24 non-bicycle pairings due to crashes involving three or more vehicles or coding error.

Motorist Condition

Motorist Condition	Count	Percent
Normal	2,310	77.4%
Unknown or Other	616	20.7%
Under the Influence	19	0.6%
Not-Applicable	15	0.5%
Had Been Drinking	14	0.5%
Drug Use	4	0.1%
Aggressive	2	0.1%
Fatigued or Asleep	2	0.1%
Commercial Driver Over 0.04 BAC	1	0.0%
Ill or Challenged	0	0.0%
Total	2,983	100.0%

*The "Motorist Condition" total exceeds the number of crashes by 10 due to crashes involving three or more vehicles or coding error.

Bicyclist Age (2009-2010 only)

Bicyclist Age	Count	Percent
4 to 12	46	8.4%
13 to 17	37	6.7%
18 to 24	120	21.9%
25 to 34	110	20.0%
35 to 44	70	12.8%
45 to 54	52	9.5%
55 to 64	17	3.1%
65 and older	12	2.2%
Unknown or Other	85	15.5%
2009-2010 Total	549	100.0%

Weather Type

Weather Type	Count	Percent
Clear	2,132	71.7%
Cloudy	649	21.8%
Rain	142	4.8%
Unknown or Other	27	0.9%
Snow	16	0.5%
Sleet or Hail	6	0.2%
Fog, Smoke or Smog	1	0.0%
Total	2,973	100.0%

Road Surface Type

Road Surface Type	Count	Percent
Dry	2,648	89.1%
Wet	252	8.5%
Unknown or Other	32	1.1%
Snow or Slush	26	0.9%
Ice or Packed Snow	13	0.4%
Debris	1	0.0%
Not-Applicable	1	0.0%
Total	2,973	100.0%

Bicyclist Contributing Factors

Bicyclist Contributing Factors	Count	Percent
No Clear Factor	1,278	43.2%
Failure to Yield Right-of-Way	394	13.3%
Disregarding a Traffic Control Device	373	12.6%
Improper Lane Use	273	9.2%
Driver Inattentive or Distracted	162	5.5%
Non-Motorist Error	160	5.4%
Failure to Use Headlights	47	1.6%
Other Factors	41	1.4%

Bicyclist Contributing Factors	Count	Percent
Other Human Factors	32	1.1%
Illegal Speeding	26	0.9%
Chemical Impairment	24	0.8%
Unknown	20	0.7%
Vision Obstructed by Other Factors	20	0.7%
Defective Brakes	18	0.6%
Improper Turning	17	0.6%
Following Too Close	14	0.5%
Driving Left of Center, Not Passing	12	0.4%
Driver Inexperience	11	0.4%
Improper Passing	6	0.2%
Defective Lights	5	0.2%
Impeding Traffic Flow	5	0.2%
Weather	5	0.2%
Improper Parking, Stopping or Starting	4	0.1%
Other Vehicle Factors	4	0.1%
Improper Signaling	2	0.1%
Over-Correcting	2	0.1%
Skidding	2	0.1%
Use of Cell Phone, Citizen Band or 2-Way Radio	1	0.0%
Vision Obstructed by Sun or Lights	1	0.0%
Total	2,959*	100.0%

*The "Bicyclist Contributing Factor" total is less than the number of crashes by due to crashes involving three or more vehicles or coding error.

Motorist Contributing Factors

Motorist Contributing Factors	Count	Percent
No Clear Factor	1,116	37.5%
Failure to Yield Right-of-Way	947	31.9%
Driver Inattentive or Distracted	254	8.5%
Improper Lane Use	155	5.2%
Disregarding a Traffic Control Device	143	4.8%
Vision Obstructed by Other Factors	72	2.4%
Other Human Factors	43	1.4%
Improper Turning	32	1.1%
Other Factors	27	0.9%
Unknown	26	0.9%
Vision Obstructed by Sun or Lights	25	0.8%
Illegal Speeding	24	0.8%
Improper Passing	20	0.7%
Non-Motorist Error	13	0.4%
Following Too Close	12	0.4%
Improper Backing	12	0.4%

Motorist Contributing Factors	Count	Percent
Chemical Impairment	11	0.4%
Improper Parking, Stopping or Starting	10	0.3%
Weather	10	0.3%
Driving Left of Center, Not Passing	5	0.2%
Driver Inexperience	4	0.1%
Failure to Use Headlights	2	0.1%
Other Vehicle Factors	2	0.1%
Use of Cell Phone, Citizen Band or 2-Way Radio	2	0.1%
Vision Obstructed by Windshield Glass	2	0.1%
Defective Brakes	1	0.0%
Improper Signaling	1	0.0%
Not-Applicable	1	0.0%
Skidding	1	0.0%
Total	2,973	100.0%

Bicyclist Pre-Crash Maneuver

Bicyclist Contributing Factors	Count	Percent
Bicyclist Riding Across Roadway	1360	46.0%
Bicyclist Riding With Traffic	883	29.8%
Bicyclist Riding Against Traffic	456	15.4%
Bicyclist Making Left Turn	90	3.0%
Bicyclist Slowing, Stopping or Starting in Traffic	56	1.9%
Unknown or Other	56	1.9%
Bicyclist Making Right Turn	32	1.1%
Bicyclist Slowing, Stopping or Starting in Traffic	20	0.7%
Bicyclist Making U-Turn	4	0.1%
Not-Applicable	2	0.1%
Total	2,959*	100.0%

*The "Bicyclist Pre-Crash Maneuver" total is less than the number of crashes by due to crashes involving three or more vehicles or coding error.

Motorist Pre-Crash Maneuver

Motorist Contributing Factors	Count	Percent
Vehicle Following Roadway	1255	42.2%
Vehicle Making Left Turn	555	18.7%
Vehicle Making Right Turn	488	16.4%
Vehicle Starting in Traffic	204	6.9%
Vehicle Making Right Turn on Red	144	4.8%
Vehicle Parked Legally	81	2.7%
Vehicle Stopping in Traffic	63	2.1%
Vehicle Slowing in Traffic	24	0.8%

Motorist Contributing Factors	Count	Percent
Vehicle Passing	23	0.8%
Vehicle Starting From Park	23	0.8%
Vehicle Merging	21	0.7%
Vehicle Making U-Turn	20	0.7%
Unknown or Other	14	0.5%
Vehicle Backing	13	0.4%
Vehicle Making Left Turn on Red	11	0.4%
Vehicle Entering Park	8	0.3%
Vehicle Avoiding Object in Roadway	7	0.2%
Vehicle Changing Lanes	7	0.2%
Vehicle Following Wrong Way	6	0.2%
Not-Applicable	2	0.1%
Vehicle Parked Illegally	1	0.0%
Vehicle Parked off Roadway	1	0.0%
Total	2,973	100.0%

Corridors with the Highest Number of Bicyclist-Motorist Crashes (2000-2010)

	Corridor	From	To	Crashes
1	E-W Lake St (Lagoon)	Calhoun Pkwy	West River Pkwy	226
2	E-W Franklin Ave	Hennepin Ave S	West River Pkwy	205
3	Portland Ave S	2nd St S	Minnehaha Pkwy	127
4	Hennepin Ave S (1st Ave NE)	Dunwoody Blvd/I-94	Central Ave NE	126
5	Lyndale Ave S	Oak Grove	W 42nd St	111
6	Cedar Ave S	Washington Ave S	E 42nd St	110
7	E-W 26th St	Hennepin Ave S	Hiawatha Ave S	109
8	E-W 28th St	Hennepin Ave S	Hiawatha Ave S	107
9	West Broadway Ave N/Broadway St NE	Penn Ave N	Stinson Blvd NE	96
10	Nicollet Mall/Nicollet Ave S	Washington Ave S	Midtown Greenway	88
11	University Ave SE	1st Ave NE	Emerald St SE	83
12	Washington Ave N-S	Plymouth Ave N	Cedar Ave S	76
13	Park Ave S	Washington Ave S	E 42nd St	72
14	E-W 24th St	Hennepin Ave S	Cedar Ave S	68
15	E-W 31st St	Calhoun Pkwy	Cedar Ave S	67
16	Lowry Ave N-NE	Penn Ave N	Johnston St NE	63
17	Central Ave NE	37th Ave NE	2nd St SE	61
18	E-W 35th St	Hennepin Ave S	Hiawatha Ave S	59
19	3rd Ave S	1st St S	E 24th St	57
20	Hiawatha Ave S	E 26th St	E 46th St	55
21	Hennepin Ave S	Vineland Pl	W 36th St	54
22	Minnehaha Ave S	E Franklin Ave	E 46th St	49

	Corridor	From	To	Crashes
23	E-W 38th St	Kings Hwy/Dupont Ave S	Hiawatha Ave S	44
24	Marquette Ave S	1st St S	Grant St S	37
25	4th St SE	1st Ave NE	Oak St SE	34
26	E-W 36th St	Hennepin Ave S	Cedar Ave S	32
27	Riverside Ave S	Cedar Ave S	E Franklin Ave	31
28	2nd Ave S	1st St S	12th St S	20

Intersections with the Highest Number of Bicyclist-Motorist Crashes (2000-2010)

	Street 1	Street 2	Crashes
1	E Franklin Ave	Cedar Ave S	20
2	7th St N	Hennepin Ave S	19
3	3rd St N	Hennepin Ave S	17
4	E 26th St	Hiawatha Ave S	17
5	W Franklin Ave	Nicollet Ave S	17
6	W Franklin Ave	Lyndale Ave S	16
7	University Ave SE	I-35W NB Ramp	14
8	E 28th St	Portland Ave S	14
9	Vineland Place W	Lyndale Ave S	14
10	E Franklin Ave	Chicago Ave S	13
11	5th St N	Hennepin Ave S	12
12	E Franklin Ave	3rd Ave S	12
13	Grant St W	Nicollet Mall	12
14	E Franklin Ave	Portland Ave S	11
15	Lowry Ave NE	Central Ave NE	11
16	W 24th St	Lyndale Ave S	11
17	W 22nd St	Lyndale Ave S	11
18	6th St S	Cedar Ave S	10
19	E 31st St	Portland Ave S	10
20	E 26th St	Portland Ave S	10
21	5th St SE	15th Ave SE	9
22	W 26th St	Nicollet Ave S	9
23	E Lake St	Park Ave S	9
24	W 28th St	Hennepin Ave S	9
25	W 26th St	Lyndale Ave S	9
26	E 17th St	Portland Ave S	8
27	26th Ave NE	Central Ave NE	8
28	Franklin Ave E	Elliot Ave S	8
29	7th St S	Marquette Ave S	8
30	8th St N	Hennepin Ave S	8
31	E Franklin Ave	Bloomington Ave S	8
32	Washington Ave S	3rd Ave S	8
33	E Franklin Ave	Park Ave S	8
34	E Franklin Ave	5th Ave S	8

	Street 1	Street 2	Crashes
35	E 28th St	5th Ave S	8
36	E 28th St	Hiawatha Ave S	8
37	E Lake St	Snelling Ave S	8
38	E Lake St	Bloomington Ave S	8
39	W 28th St	Blaisdell Ave S	8
40	E 35th St	2nd Ave S	8
41	E Lake St	Stevens Ave S	8
42	W 28th St	Lyndale Ave S	8
43	University Ave SE	10th Ave SE	7
44	E Lake St	Chicago Ave S	7
45	W 25th St	Lyndale Ave S	7
46	E 24th St	Cedar Ave S	7
47	Washington Ave N	Hennepin Ave S	7
48	9th St N	Hennepin Ave S	7
49	4th St N	Hennepin Ave S	7
50	Broadway St NE	Marshall St NE	7