

2-B

ANALYSIS OF 2007 FATAL CRASHES

| | |
|-----------------------------|----------|
| SPEED | 8 |
| FAILURE TO YIELD | 8 |
| HIT & RUN | 6 |
| INATTENTIVE DRIVING | 5 |
| FAILURE TO HAVE CONTROL | 4 |
| OTHER | 3 |
| DISREGARD OF TRAFFIC SIGNAL | <u>1</u> |
| TOTAL | 35 |

A breakdown of driver causes showed no significant increase or decrease in percentage. The use of alcohol continues to impact on the number of fatal crashes. During 2007, there were fifteen (15) related fatal crashes out of 35 that were over the .08 alcohol level. Of those 15 fatalities, eight were motor vehicle, six were pedestrian, and one was motorcycle.

Seat belt usage in the 12 motor vehicle fatalities showed three were buckled, six were unbuckled and three were unknown.

1 - B

CITY OF MILWAUKEE FATAL TRAFFIC CRASH SUMMARY

| | 2007 | 2006 |
|---------------|------|------|
| Motor Vehicle | 12 | 19 |
| Motorcycle | 5 | 4 |
| Bicycle | 0 | 1 |
| Pedestrian | 18 | 15 |

FATALITIES BY ALDERMANIC DISTRICT

| | Fatal Number | 2007 | 2006 |
|-----------------------------------|------------------------|------|------|
| #1 Alderman Ashanti Hamilton | 15, 17, 19 | 3 | 3 |
| #2 Alderman Joe Davis, Sr | 23, 33 | 2 | 0 |
| #3 Alderman Nik Kovac | 2, 13, 21 | 3 | 0 |
| #4 Alderman Robert J. Bauman | 20, 26 | 2 | 1 |
| #5 Alderman James A. Bohl, Jr. | 1, 6, 28 | 3 | 1 |
| #6 Alderwoman Milele A. Coggs | 4, 12, 18 | 3 | 2 |
| #7 Alderman Willie C. Wade | 3, 5, 8, 14, 24, 25 | 6 | 4 |
| #8 Alderman Robert G. Donovan | 27, 31 | 2 | 2 |
| #9 Alderman Robert W. Puente | 7, 34 | 2 | 1 |
| #10 Alderman Michael J. Murphy | 10 | 1 | 4 |
| #11 Alderman Joseph A. Dudzik | -- | 0 | 2 |
| #12 Alderman James N. Witkowiak | 11, 22, 32 | 3 | 7 |
| #13 Alderman Terry L. Witkowski | 9, 29, 30 | 3 | 2 |
| #14 Alderman Tony Zielinski | 16 | 3 | 4 |
| #15 Alderman Willie L. Hines, Jr. | 35 | 1 | 6 |
| TOTAL | | 35 | 39 |

1-C

CITY OF MILWAUKEE CRASHES AND INJURY SEVERITY

| | <u>All Crashes</u> | <u>K</u> | <u>Injury Severity</u> | | | <u>Total Injuries</u> |
|------|--------------------|----------|------------------------|----------|----------|-----------------------|
| | | | <u>A</u> | <u>B</u> | <u>C</u> | |
| 1996 | 14,691 | 32 | 722 | 2,147 | 6,299 | 9,168 |
| 1997 | 13,735 | 35 | 604 | 2,113 | 6,214 | 8,931 |
| 1998 | 13,252 | 25 | 478 | 1,952 | 5,887 | 8,317 |
| 1999 | 13,127 | 30 | 537 | 1,854 | 5,442 | 7,883 |
| 2000 | 14,568 | 38 | 483 | 1,949 | 5,831 | 8,263 |
| 2001 | 13,640 | 34 | 609 | 1,847 | 6,120 | 8,576 |
| 2002 | 13,592 | 35 | 450 | 1,482 | 5,358 | 7,290 |
| 2003 | 12,755 | 28 | 298 | 1,434 | 4,655 | 6,387 |
| 2004 | 11,888 | 52 | 270 | 1,446 | 4,602 | 6,318 |
| 2005 | 11,815 | 34 | 219 | 1,481 | 4,530 | 6,230 |
| 2006 | 12,465 | 39 | 233 | 1,523 | 4,669 | 6,425 |
| 2007 | 12,870 | 35 | 211 | 1,344 | 4,485 | 6,040 |

INJURY SEVERITY (GLOSSARY)

K-FATAL INJURY-Any injury received in a traffic crash which results in death within thirty (30) days of the crash.

A-INCAPACITATION INJURY-An injury, other than fatal, which prevents walking, driving, or performing other activities which were performed before the crash.

B-NON-INCAPACITATING INJURY-An injury, other than fatal or incapacitating, which is evident at the scene. Evidence includes known symptoms.

C-POSSIBLE INJURY-An injury which is not evident at the scene but is claimed by the individual or suspected by the law enforcement officer.

Composite from Department of Public Works Infrastructure Services and Milwaukee Police Department

2-C

MILWAUKEE ANNUAL TRAFFIC ANALYSIS TRAFFIC ENGINEERING & MILWAUKEE POLICE DEPARTMENT SAFETY DIVISION COMPOSITE

| YEAR | ALL NON-MOTOR | | | INJURIES | ALL ACCIDENTS | M.V. REG. | REG. RATE |
|------|----------------|-----------------|-------------|----------|---------------|-----------|-----------|
| | TRAFFIC FATALS | VEHICLE FATALS* | PED. FATALS | | | | |
| 1980 | 51 | 0 | 17 | 9,118 | 18,259 | 373,200 | 1.4 |
| 1981 | 46 | 0 | 15 | 9,142 | 16,987 | 377,009 | 1.2 |
| 1982 | 47 | 0 | 18 | 8,545 | 16,304 | 378,884 | 1.2 |
| 1983 | 32 | 0 | 14 | 8,689 | 16,773 | 380,882 | 0.8 |
| 1984 | 36 | 0 | 12 | 9,242 | 17,486 | 351,564 | 1.0 |
| 1985 | 38 | 0 | 13 | 10,459 | 19,392 | 341,654 | 1.1 |
| 1986 | 53 | 0 | 12 | 10,967 | 19,559 | 347,182 | 1.5 |
| 1987 | 51 | 0 | 17 | 9,862 | 19,759 | 345,887 | 1.5 |
| 1988 | 40 | 0 | 15 | 9,420 | 17,761 | 354,892 | 1.1 |
| 1989 | 42 | 0 | 8 | 9,610 | 18,435 | 361,776 | 1.2 |
| 1990 | 40 | 0 | 11 | 9,870 | 18,415 | 365,595 | 1.1 |
| 1991 | 40 | 0 | 11 | 9,746 | 17,443 | 369,420 | 1.1 |
| 1992 | 49 | 0 | 15 | 10,082 | 17,610 | 366,261 | 1.3 |
| 1993 | 48 | 0 | 13 | 9,976 | 17,224 | 362,252 | 1.3 |
| 1994 | 28 | 0 | 8 | 10,130 | 17,007 | 360,378 | 0.8 |
| 1995 | 43 | 0 | 18 | 10,202 | 17,050 | 361,452 | 1.1 |
| 1996 | 32 | 0 | 13 | 9,169 | 14,691 | 355,716 | 0.8 |
| 1997 | 35 | 0 | 14 | 8,933 | 13,735 | 357,284 | 0.9 |
| 1998 | 25 | 0 | 12 | 8,317 | 13,282 | 367,614 | 0.6 |
| 1999 | 30 | 0 | 5 | 7,833 | 13,127 | 366,697 | 0.8 |
| 2000 | 38 | 0 | 10 | 8,263 | 14,568 | 375,969 | 1.0 |
| 2001 | 34 | 0 | 8 | 8,576 | 13,640 | 375,248 | 0.9 |
| 2002 | 35 | 0 | 10 | 7,290 | 13,592 | 373,600 | 0.9 |
| 2003 | 28 | 0 | 7 | 6,387 | 12,755 | 379,430 | 0.7 |
| 2004 | 52 | 0 | 17 | 6,318 | 11,888 | 376,455 | 1.4 |
| 2005 | 34 | 0 | 11 | 6,230 | 11,815 | 388,606 | 0.9 |
| 2006 | 39 | 0 | 15 | 6,425 | 12,465 | 396,037 | 1.0 |
| 2007 | 35 | 0 | 18 | 6,040 | 12,870 | 384,798 | 0.9 |

*RECENT CHANGES IN CRASH REPORTING THRESHOLD

December 20, 1979 - Property damage threshold increased from \$200 to \$400 combined damage. \$200 threshold for government owned property.

July 31, 1981 - Property damage threshold \$500 to "any one person's property." \$200 threshold for government owned property.

April 19, 1988 - Property damage threshold \$500 to "any one person's property." Government owned property changed to \$500 for government owned vehicles, and \$200 for all government owned property.

January 1, 1996 - Property damage changed to \$1,000 to "any one person's property." Government-owned property changed to \$1,000 for government-owned vehicles, and remained at \$200 for all other government-owned property.

3-C

INTERSECTIONS WITH 15 OR MORE CRASHES

2007

Attached is a report of all the intersections in the City of Milwaukee which had 15 or more traffic crashes during 2007. The tabulation shows intersections having 15 or more crashes.

A tabulation of the number of high crash frequency locations, number of crashes and injuries, along with the locations that appeared on the 2006 list, but not on the 2007 list is as follows:

| <u>Year</u> | <u>Having 15 or more Crashes</u> | <u>Number of Crashes</u> | <u>Number of Injuries</u> |
|-------------|--------------------------------------|--------------------------|---------------------------|
| 1994 | 68 | 1,369 | 782 |
| 1995 | 92 | 1,779 | 1,020 |
| 1996 | 55 | 1,050 | 636 |
| 1997 | 48 | 906 | 631 |
| 1998 | 48 | 929 | 548 |
| 1999 | 49 | 940 | 644 |
| 2000 | 50 | 1,011 | 633 |
| 2001 | 44 | 876 | 523 |
| 2002 | 57 | 1,179 | 694 |
| 2003 | 45 | 966 | 555 |
| 2004 | 50 | 1,001 | 486 |
| 2005 | 45 | 904 | 494 |
| 2006 | 52 | 1,026 | 541 |
| 2007 | 35 | 643 | 368 |

This report is compiled by Infrastructure Services Division – Transportation Section.

| 2007 HIGH FREQUENCY CRASH LOCATIONS | | | | | | | | |
|-------------------------------------|---|---------|----------|---------------|----------|----------|----------|-----------------|
| | Intersection | 2007 | | | | 2006 | | Control |
| | | Volume | Accident | Accident Rate | Injuries | Accident | Injuries | |
| 1 | N. Lovers Lane Rd. & W. Silver Spring Dr. | 44300 | 46 | 3.1 | 21 | 56 | 24 | Signal (State) |
| 2 | W.Center St. & N. 27 th St. | 31400 | 24 | 2.3 | 21 | 14 | 4 | Signal |
| 3 | W. Center St. & N. 35th St. | 45300 | 23 | 1.5 | 10 | 27 | 22 | Signal |
| 4 | W. Layton Ave. & S. 27th St. | 77100 | 23 | 0.9 | 18 | 26 | 10 | Signal (State) |
| 5 | W. Center St. & N. Sherman Bd. | 49600 | 20 | 1.2 | 20 | 21 | 10 | Signal |
| 6 | N. Teutonia Av. & W. Villard Av. | 32400 | 20 | 1.8 | 18 | 18 | 9 | Signal |
| 7 | W. Silver Spring Dr. & N. 91st St. | 46700 | 19 | 1.2 | 8 | 21 | 17 | Signal (County) |
| 8 | W. Silver Spring Dr. & Zoo Freeway | 66500 | 19 | 0.9 | 8 | 21 | 11 | Signal (State) |
| 9 | W. Lincoln Av. & S. 43rd St. | 37000 | 18 | 1.5 | 12 | 6 | 1 | Signal |
| 10 | W. Capitol Dr. & N. 35th St. | 50000 | 18 | 1.1 | 22 | 19 | 22 | Signal |
| 11 | W. College Av. & S. 13th St. | 43500 | 18 | 1.2 | 8 | 19 | 9 | Signal (County) |
| 12 | W. Kilbourn Av. & N. 6th St. | 37100 | 18 | 1.4 | 7 | 18 | 6 | Signal |
| 13 | W. Lincoln Av. & S. 13th St. | 33300 | 18 | 1.6 | 5 | 12 | 8 | Signal |
| 14 | W. St. Paul Av. & N. 27th st | 35200 | 18 | 1.5 | 7 | 7 | 2 | Signal |
| 15 | W Fond du Lac Av & W. Hampton Av. | 49300 | 18 | 1.1 | 18 | 11 | 12 | Signal |
| 16 | E/W College Ave. & S. Howell Av. | 50300 | 17 | 1.0 | 13 | 29 | 13 | Signal (State) |
| 17 | W. Hampton Av. & N. Teutonia Av. | 49200 | 17 | 1.0 | 6 | 19 | 11 | Signal |
| 18 | W. McKinley Av. & N. 6th St. | 52600 | 17 | 1.0 | 6 | 17 | 6 | Signal |
| 19 | W. National Av. & S. 6th St. | 30000 | 17 | 1.7 | 7 | 16 | 5 | Signal |
| 20 | W. Fond du lac Av. & N. Sherman Bd. | 63300 | 17 | 0.8 | 4 | 8 | 14 | Signal |
| 21 | N. Martin L King Jr. & W, North Av. | 34900 | 17 | 1.5 | 8 | 13 | 11 | Signal |
| 22 | W. Mill Rd. & N. 91st St. | 35900 | 17 | 1.4 | 6 | 10 | 7 | Signal |
| 23 | W. North Av. & N. Teutonia Av. | 27300 | 17 | 1.9 | 24 | 11 | 9 | Signal |
| 24 | W. Oklahoma Av. & S. 27th St. | 57600 | 16 | 0.8 | 3 | 22 | 9 | Signal |
| 25 | W. North Av. & N. Sherman Bd. | 40405 | 16 | 1.2 | 9 | 17 | 10 | Signal |
| 26 | W. Appleton Av. & N. Capitol Dr. | 56500 | 16 | 0.8 | 11 | 14 | 5 | Signal |
| 27 | W. Lincoln av. & S. 27th St. | 38900 | 16 | 1.2 | 14 | 8 | 2 | Signal |
| 28 | W. Hampton Av. & N. 60th St. | 46000 | 15 | 1.0 | 11 | 22 | 20 | Signal |
| 29 | N. Lincoln Memorial Dr. & E. Michigan St. | 64300 | 15 | 0.7 | 4 | 20 | 4 | Signal |
| 30 | W. Good Hope Rd. & N. 76th St. | 58700 | 15 | 0.8 | 4 | 20 | 12 | Signal (State) |
| 31 | W. Howard Av. & S. 27th St. | 35600 | 15 | 1.3 | 8 | 17 | 6 | Signal (Sate) |
| 32 | W. Capitol Dr. & N. 7th St. | 33900 | 15 | 1.3 | 2 | 8 | 7 | Signal |
| 33 | W. Highland & N. 11th St. | 13800 | 17 | 3.7 | 7 | 2 | 1 | Signal |
| 34 | W. National Av. & S. 35th St. | 40000 | 15 | 1.1 | 11 | 7 | 2 | Signal |
| 35 | W. Oklahoma Av. & S. 20th St. | 32300 | 16 | 1.5 | 7 | 12 | 6 | Signal |
| | TOTALS | 1540205 | 643 | 1.2 | 368 | 588 | 327 | |

| 2007 HIGH FREQUENCY CRASH LOCATIONS | | | | |
|---|---|--------|---------------|-----------------|
| (RATED BY CRASHES PER MILLION VEHICLES ENTERING THE INTERSECTION) | | | | |
| Rank | Intersection | Volume | Accident Rate | Control |
| 1 | W. Highland & N. 11th St. | 13800 | 3.7 | Signal |
| 2 | N. Lovers Lane Rd. & W. Silver Spring Dr. | 44300 | 3.1 | Signal (State) |
| 3 | W. Center St. & N. 27th St. | 31400 | 2.3 | Signal |
| 4 | W. North Av. & N. Teutonia Av. | 27300 | 1.9 | Signal |
| 5 | N. Teutonia Av. & W. Villard Av. | 32400 | 1.8 | Signal |
| 6 | W. National Av. & S. 6th St. | 30000 | 1.7 | Signal |
| 7 | W. Lincoln Av. & S. 13th St. | 33300 | 1.6 | Signal |
| 8 | W. Center St. & N. 35th St. | 45300 | 1.5 | Signal |
| 9 | W. Lincoln Av. & S. 43rd St. | 37000 | 1.5 | Signal |
| 10 | W. St. Paul Av. & N. 27th st | 35200 | 1.5 | Signal |
| 11 | N. Martin L King Jr. & W, North Av. | 34900 | 1.5 | Signal |
| 12 | W. Oklahoma Av. & S. 20th St. | 32300 | 1.5 | Signal |
| 13 | W. Kilbourn Av. & N. 6th St. | 37100 | 1.4 | Signal |
| 14 | W. Mill Rd. & N. 91st St. | 35900 | 1.4 | Signal |
| 15 | W. Howard Av. & S. 27th St. | 35600 | 1.3 | Signal (State) |
| 16 | W. Capitol Dr. & N. 7th St. | 33900 | 1.3 | Signal |
| 17 | W. Center St. & N. Sherman Bd. | 49600 | 1.2 | Signal |
| 18 | W. Silver Spring Dr. & N. 91st St. | 46700 | 1.2 | Signal (County) |
| 19 | W. College Av. & S. 13th St. | 43500 | 1.2 | Signal (County) |
| 20 | W. North Av. & N. Sherman Bd. | 40405 | 1.2 | Signal |
| 21 | W. Lincoln av. & S. 27th St. | 38900 | 1.2 | Signal |
| 22 | W. Capitol Dr. & N. 35th St. | 50000 | 1.1 | Signal |
| 23 | W Fond du Lac Av & W. Hampton Av. | 49300 | 1.1 | Signal |
| 24 | W. National Av. & S. 35th St. | 40000 | 1.1 | Signal |
| 25 | E/W College Ave. & S. Howell Av. | 50300 | 1.0 | Signal (State) |
| 26 | W. Hampton Av. & N. Teutonia Av. | 49200 | 1.0 | Signal |
| 27 | W. McKinley Av. & N. 6th St. | 52600 | 1.0 | Signal |
| 28 | W. Hampton Av. & N. 60th St. | 46000 | 1.0 | Signal |
| 29 | W. Layton Ave. & S. 27th St. | 77100 | 0.9 | Signal (State) |
| 30 | W. Silver Spring Dr. & Zoo Freeway | 66500 | 0.9 | Signal (State) |
| 31 | W. Fond du lac Av. & N. Sherman Bd. | 63300 | 0.8 | Signal |
| 32 | W. Oklahoma Av. & S. 27th St. | 57600 | 0.8 | Signal |
| 33 | W. Appleton Av. & N. Capitol Dr. | 56500 | 0.8 | Signal |
| 34 | W. Good Hope Rd. & N. 76th St. | 58700 | 0.8 | Signal (State) |
| 35 | N. Lincoln Memorial Dr. & E. Michigan St. | 64300 | 0.7 | Signal |

| HIGH FREQUENCY CRASH LOCATIONS | | | | | |
|--|---|----------|----------|----------|----------|
| WHICH APPEARED ON THE 2006 LIST BUT NOT ON THE 2007 LIST | | | | | |
| Rank | Intersection | 2006 | | 2007 | |
| | | Accident | Injuries | Accident | Injuries |
| 1 | W. Bluemound Rd. & N. Mayfair Rd. | 36 | 21 | 12 | 9 |
| 2 | W. college Av. & S. 27th St. | 31 | 11 | 11 | 12 |
| 3 | W. Burleigh St. & N. 27th St. | 22 | 11 | 13 | 4 |
| 4 | W. Center St. & N. Teutonla Av. | 22 | 9 | 12 | 7 |
| 5 | W. Burleigh St. & N. 60th St. & Roosevelt Av. | 22 | 10 | 14 | 5 |
| 6 | W. Capitol Dr. & N. 51st St. | 21 | 4 | 10 | 2 |
| 7 | W. Capitol Dr. & N. Sherman Blvd. | 18 | 7 | 12 | 13 |
| 8 | W. Capitol Dr. & W. Fond du Lac Av. | 18 | 11 | 12 | 13 |
| 9 | W. Layton Av. & S. 13th St. | 18 | 12 | 9 | 2 |
| 10 | W. Michigan St. & N. 35th St. | 18 | 7 | 11 | 2 |
| 11 | W. Mill Rd. & N. 76th St. | 18 | 19 | 9 | 15 |
| 12 | S. Howell Av. & X Airport Spur-US 119 | 17 | 13 | 3 | 1 |
| 13 | W. Fond du Lac Av. & N. 68th St. | 17 | 12 | 10 | 7 |
| 14 | W. Hope Av. & N. 35th St. | 17 | 20 | 3 | 4 |
| 15 | W. Lincoln Av. & S. 16th St. | 17 | 9 | 7 | 2 |
| 16 | W. North Av. & N. 6th St. | 17 | 10 | 9 | 6 |
| 17 | W. Oklahoma Av. & S. 76th St. | 17 | 9 | 5 | 2 |
| 18 | W. Silver Spring Dr. & N. 60th St. | 17 | 7 | 10 | 10 |
| 19 | W. St. Paul Av. & N. 35th St. | 17 | 9 | 3 | 4 |
| 20 | W. Capitol Dr. & N. Mayfair Rd. | 16 | 7 | 12 | 15 |
| 21 | W. Appleton Av. & N. 76th St. | 16 | 9 | 9 | 2 |
| 22 | W. Good Hope Rd. & N. 91st St. | 16 | 11 | 11 | 9 |
| 23 | W. Locust St. & N. Martin L King Jr Dr. | 16 | 7 | 10 | 3 |
| 24 | W. Morgan Av. & S. 27th St. | 16 | 5 | 11 | 2 |
| 25 | W. National Av. & S. 1st St. | 16 | 5 | 11 | 3 |
| 26 | W. Water St. & E. Wells St. | 15 | 6 | 6 | 1 |
| 27 | S. Cesar E Chavez Dr. & W. Greenfield Av | 15 | 4 | 8 | 0 |
| 28 | W. Brown Deer Re. & N. 91st St. | 15 | 8 | 3 | 1 |
| 29 | W. Burnham St. & S. 35th St. | 15 | 5 | 12 | 4 |
| 30 | W. Good Hope Rd. & N. 107th St. | 15 | 14 | 8 | 4 |
| 31 | W. Wisconsin Av. & N. 27th St. | 15 | 6 | 13 | 7 |
| 32 | W. Killbourn Av. & N. 17th St. | 15 | 7 | 6 | 0 |