

CORRESPONDENCE/MEMORANDUM State of Wisconsin

Date: August 27, 2007

**To: Regional Directors
Attention: Regional System Planning and Operations Sections**

**From: Rebecca D. Yao, P.E., PTOE
State Traffic Safety Engineer**

Subject: 2006 Statewide Crash Rates

Attached are two tables for 2006 crash rates. Please recall that the definition of a "reportable crash" is based on a reporting threshold of \$1000 for property damage only "to any one person's property," \$1000 for government-owned vehicles and remains at \$200 for all other government-owned property, such as traffic control devices.

The University of Wisconsin-Madison Traffic Operations and Safety Laboratory (UW TOPS Lab) prepared these tables. The Division of Transportation Investment Management (DTIM) has provided the vehicle miles and the Department of Motor Vehicles (DMV) provided the crash data taken from the Accident File. Table I lists the Wisconsin statewide crash rates for 2002 to 2006. These rates are expressed as crashes per 100 million vehicle miles. These rates do not include non-reportable crashes (<\$1000). Table II excludes deer hits but otherwise shows crash data for the same highway classifications.

Table I - Wisconsin Statewide Average Crash Rates: 2002-2006

| RURAL INTERSTATE | | | |
|------------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 62 | 0.4 | 15 |
| 2003 | 74 | 0.6 | 17 |
| 2004 | 82 | 0.6 | 20 |
| 2005 | 86 | 0.6 | 20 |
| 2006 | 74 | 0.4 | 17 |

| URBAN INTERSTATE | | | |
|------------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 116 | 0.4 | 34 |
| 2003 | 91 | 0.2 | 27 |
| 2004 | 91 | 0.3 | 27 |
| 2005 | 87 | 0.2 | 27 |
| 2006 | 80 | 0.2 | 23 |

| RURAL STH | | | |
|-----------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 164 | 1.7 | 43 |
| 2003 | 182 | 1.8 | 48 |
| 2004 | 186 | 1.8 | 49 |
| 2005 | 170 | 1.7 | 45 |
| 2006 | 167 | 1.7 | 44 |

| URBAN STREETS | | | |
|---------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 280 | 0.6 | 95 |
| 2003 | 260 | 0.6 | 85 |
| 2004 | 242 | 0.6 | 79 |
| 2005 | 248 | 0.6 | 81 |
| 2006 | 237 | 0.6 | 77 |

| COUNTY TRUNKS | | | |
|---------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 255 | 2.8 | 69 |
| 2003 | 260 | 2.8 | 71 |
| 2004 | 254 | 2.6 | 68 |
| 2005 | 228 | 2.6 | 65 |
| 2006 | 219 | 2.1 | 60 |

Rates are expressed as crashes per 100 million vehicle-miles. The UW TOPS Lab created the 2006 crash rates from the WisTransPortal database. Crash information was provided by WisDOT DMV Traffic Accident Section. VMT estimates were provided by WisDOT DTIM Traffic Forecasting Section. The rates **do not** include non-reportable crashes.

**Table II - Wisconsin Statewide Average Crash Rates: 2002-2006
Deer Crashes Have Been Excluded**

| RURAL INTERSTATE | | | |
|------------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 46 | 0.4 | 14 |
| 2003 | 55 | 0.6 | 17 |
| 2004 | 61 | 0.6 | 19 |
| 2005 | 67 | 0.6 | 20 |
| 2006 | 53 | 0.4 | 16 |

| URBAN INTERSTATE | | | |
|------------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 113 | 0.4 | 34 |
| 2003 | 88 | 0.2 | 27 |
| 2004 | 89 | 0.2 | 27 |
| 2005 | 85 | 0.2 | 26 |
| 2006 | 77 | 0.2 | 23 |

| RURAL STH | | | |
|-----------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 106 | 1.7 | 42 |
| 2003 | 117 | 1.8 | 46 |
| 2004 | 121 | 1.7 | 47 |
| 2005 | 115 | 1.6 | 43 |
| 2006 | 109 | 1.7 | 43 |

| URBAN STREETS | | | |
|---------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 274 | 0.6 | 95 |
| 2003 | 253 | 0.6 | 85 |
| 2004 | 237 | 0.6 | 79 |
| 2005 | 243 | 0.6 | 80 |
| 2006 | 231 | 0.6 | 77 |

| COUNTY TRUNKS | | | |
|---------------|-------|-------|--------|
| | Total | Fatal | Injury |
| 2002 | 160 | 2.8 | 67 |
| 2003 | 161 | 2.7 | 68 |
| 2004 | 161 | 2.6 | 65 |
| 2005 | 151 | 2.5 | 63 |
| 2006 | 140 | 2.0 | 58 |

Rates are expressed as crashes per 100 million vehicle-miles. The UW TOPS Lab created the 2006 crash rates from the WisTransPortal database. Crash information was provided by WisDOT DMV Traffic Accident Section. VMT estimates were provided by WisDOT DTIM Traffic Forecasting Section. The rates **do not** include non-reportable crashes.

All crashes that occurred on both urban STH and city streets have been combined into a single category called "Urban Streets."

If there are questions about how VMT estimates are made, please contact Bruce Aunet at 608-266-9990 or check <http://dotnet/dtim-bshp/vmt/htm> for more details.

Previous crash rate reports can be found at: <http://dotnet/dtid-bho/safety/index/htm>.