

**CORRESPONDENCE/MEMORANDUM      State of Wisconsin**

**Date: September 5, 2008**

**To: Regional Directors**

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

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

**Subject: 2007 Statewide Crash Rates**

Attached are two tables for 2007 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 2003 to 2007. 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.

In addition to the total injury crash rate, the injury crashes have been broken down into three subcategories. This information is provided in order to provide the opportunity to conduct a more detailed crash analysis. The following three categories are defined according to the Law Enforcement Officer’s Instruction Manual:

- **Type A:** Incapacitating Injury - Any injury other than a fatal injury, which prevents the injured person from walking, driving, or from performing other activities, which he/she performed before the accident.
- **Type B:** Nonincapacitating Injury - Any injury, other than fatal or incapacitating, which is evident at the scene. Evidence of injury may include known symptoms of an injury, which are not directly observable.
- **Type C :** Possible Injury - Any injury which is not observable or evident at the scene but is claimed by the individual or suspected by the law enforcement officer.

**Table I - Wisconsin Statewide Average Crash Rates: 2003-2007**

RURAL INTERSTATE						
	Total	Fatal	Injury	A	B	C
2003	74	0.6	17	3.1	7	8
2004	82	0.6	20	2.7	8	9
2005	86	0.6	20	3.0	8	9
2006	74	0.4	17	2.6	7	7
2007	86	0.6	20	2.9	8	9

URBAN INTERSTATE						
	Total	Fatal	Injury	A	B	C
2003	91	0.2	27	1.4	6	20
2004	91	0.3	27	1.3	5	21
2005	87	0.2	27	1.6	6	19
2006	80	0.2	23	1.4	5	16
2007	92	0.2	26	1.5	6	18

RURAL STH						
	Total	Fatal	Injury	A	B	C
2003	182	1.8	48	8.0	17	23
2004	186	1.8	49	7.7	17	24
2005	170	1.7	45	6.9	16	22
2006	167	1.7	44	7.2	16	21
2007	178	1.5	46	7.6	17	21

URBAN STREETS						
	Total	Fatal	Injury	A	B	C
2003	260	0.6	85	6.5	25	53
2004	242	0.6	79	5.8	23	50
2005	248	0.6	81	5.8	23	51
2006	237	0.6	77	5.7	23	48
2007	252	0.6	78	5.7	24	49

COUNTY TRUNKS						
	Total	Fatal	Injury	A	B	C
2003	260	2.8	71	11.6	29	31
2004	254	2.6	68	12.0	26	30
2005	228	2.6	65	12.4	25	28
2006	219	2.1	60	10.6	25	25
2007	229	2.4	62	11.7	24	26

Rates are expressed as crashes per 100 million vehicle-miles. The UW TOPS Lab created the 2007 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: 2003-2007  
Deer Crashes Have Been Excluded**

RURAL INTERSTATE						
	Total	Fatal	Injury	A	B	C
2003	55	0.6	17	3.0	7	7
2004	61	0.6	19	2.7	8	9
2005	67	0.6	20	2.9	8	9
2006	53	0.4	16	2.6	7	7
2007	66	0.6	19	2.8	8	9

URBAN INTERSTATE						
	Total	Fatal	Injury	A	B	C
2003	88	0.2	27	1.4	6	20
2004	89	0.2	27	1.3	5	21
2005	85	0.2	26	1.6	6	19
2006	77	0.2	23	1.3	5	16
2007	89	0.2	26	1.5	6	18

RURAL STH						
	Total	Fatal	Injury	A	B	C
2003	117	1.8	46	7.8	16	22
2004	121	1.7	47	7.5	16	23
2005	115	1.6	43	6.7	16	21
2006	109	1.7	43	7.0	16	20
2007	118	1.5	44	7.4	16	20

URBAN STREETS						
	Total	Fatal	Injury	A	B	C
2003	253	0.6	85	6.5	25	53
2004	237	0.6	79	5.8	23	50
2005	243	0.6	80	5.8	23	51
2006	231	0.6	77	5.6	23	48
2007	246	0.6	78	5.6	24	49

COUNTY TRUNKS						
	Total	Fatal	Injury	A	B	C
2003	161	2.7	68	11.3	27	29
2004	161	2.6	65	11.5	25	29
2005	151	2.5	63	12.1	24	26
2006	140	2.0	58	10.3	24	24
2007	148	2.2	60	11.2	23	25

Rates are expressed as crashes per 100 million vehicle-miles. The UW TOPS Lab created the 2007 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.