

Historical Summary of Travel, Crashes, Fatalities, and Rates

2001 – 2007

Prepared by:

Office of Traffic and Safety
Engineering Bureau
Highway Division

In cooperation with:

Office of Driver Services
Motor Vehicle Division

Iowa Department of Transportation

STATEWIDE

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal + Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	30,461	364	18,891	37,848	57,103	423	1.19	1.39	63	187
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	31,361	372	17,842	41,452	59,666	406	1.19	1.29	58	190
2003	31,597	382	17,139	41,919	59,440	441	1.21	1.40	55	188
2004	31,971	354	17,046	41,792	59,192	388	1.11	1.21	54	185
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	31,568	399	18,220	40,025	58,644	451	1.26	1.43	59	186
2006	31,733	386	16,950	37,479	54,815	439	1.22	1.38	55	173
April 15, 2007 - Database Changed from DBF to SQL										
2007	31,481	392	20,118	39,857	60,367	445	1.25	1.41	65	192
2001-2007	220,172	2,649	126,206	280,372	409,227	2,993	1.20	1.36	59	186

*** For 2001, due to a significant crash report form change and resultant database repository changes, an unknown number of crashes are missing (approximately 2000?).

Updated October 8, 2008
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RURAL INTERSTATE

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal + Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	4,831	30	601	1,504	2,135	38	0.62	0.79	13	44
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	5,046	21	509	1,460	1,990	24	0.42	0.48	11	39
2003	5,116	26	556	1,576	2,158	41	0.51	0.80	11	42
2004	5,086	15	569	1,660	2,244	21	0.29	0.41	11	44
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	5,032	29	628	1,789	2,446	37	0.58	0.74	13	49
2006	5,186	28	494	1,533	2,055	34	0.54	0.66	10	40
April 15, 2007 - Database Changed from DBF to SQL										
2007	5,217	28	1130	1,675	2,833	36	0.54	0.69	22	54
2001-2007	35,514	177	4,487	11,197	15,861	231	0.50	0.65	13	45

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RURAL PRIMARY

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		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal + Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	8,330	118	2,441	6,084	8,643	143	1.42	1.72	31	104
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	8,649	129	2,179	6,097	8,405	142	1.49	1.64	27	97
2003	8,362	100	2,003	5,810	7,913	114	1.20	1.36	25	95
2004	8,483	96	2,089	5,673	7,858	105	1.13	1.24	26	93
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	8,110	125	2,268	5,112	7,505	142	1.54	1.75	30	93
2006	8,133	120	1,938	5,286	7,344	141	1.48	1.73	25	90
April 15, 2007 - Database Changed from DBF to SQL										
2007	8,015	116	3,538	3,895	7,549	142	1.45	1.77	46	94
2001-2007	58,082	804	16,456	37,957	55,217	929	1.38	1.60	30	95

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RURAL SECONDARY (County Roads)

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	5,025	155	3,737	6,728	10,620	180	3.08	3.58	77	211
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	5,011	173	3,892	7,326	11,391	187	3.45	3.73	81	227
2003	5,427	179	3,814	7,623	11,616	196	3.30	3.61	74	214
2004	5,516	164	3,742	6,976	10,882	176	2.97	3.19	71	197
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	5,481	179	3,978	6,467	10,624	203	3.27	3.70	76	194
2006	5,462	171	3,935	6,565	10,671	197	3.13	3.61	75	195
April 15, 2007 - Database Changed from DBF to SQL										
2007	5,444	157	4,808	5,327	10,292	174	2.88	3.20	91	189
2001-2007	37,366	1,178	27,906	47,012	76,096	1,313	3.15	3.51	78	204

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RURAL TOTALS

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	18,186	269	6,030	13,236	19,535	320	1.48	1.76	35	107
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	18,706	274	5,874	13,602	19,750	300	1.46	1.60	33	106
2003	18,905	276	5,698	13,769	19,743	318	1.46	1.68	32	104
2004	19,085	250	5,751	13,186	19,187	275	1.31	1.44	31	101
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	18,623	299	6,198	12,302	18,799	343	1.61	1.84	35	101
2006	18,781	271	5,856	12,427	18,554	315	1.44	1.68	33	99
April 15, 2007 - Database Changed from DBF to SQL										
2007	18,676	273	8788	10,062	19,123	316	1.46	1.69	49	102
2001-2007	130,962	1,912	44,195	88,584	134,691	2,187	1.46	1.67	35	103

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MUNICIPAL INTERSTATE

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	2,079	11	799	1,356	2,166	14	0.53	0.67	39	104
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	2,223	9	814	1,717	2,540	12	0.40	0.54	37	114
2003	2,281	17	816	1,798	2,631	23	0.75	1.01	37	115
2004	2,383	13	799	1,865	2,677	17	0.55	0.71	34	112
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	2,450	13	790	1,807	2,610	16	0.53	0.65	33	107
2006	2,506	15	732	1,578	2,325	15	0.60	0.60	30	93
April 15, 2007 - Database Changed from DBF to SQL										
2007	2,487	15	935	1,937	2,887	19	0.60	0.76	38	116
2001-2007	16,409	93	5,685	12,058	17,836	116	0.57	0.71	35	109

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2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	3,384	37	4,378	7,148	11,563	38	1.09	1.12	130	342
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	3,566	40	4,021	8,140	12,201	43	1.12	1.21	114	342
2003	3,485	42	3,590	7,749	11,381	47	1.21	1.35	104	327
2004	3,585	50	3,506	8,021	11,577	54	1.39	1.51	99	323
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	3,616	39	3,678	7,717	11,434	42	1.08	1.16	103	316
2006	3,572	41	3,246	7,070	10,357	47	1.15	1.32	92	290
April 15, 2007 - Database Changed from DBF to SQL										
2007	3,505	49	3,534	7,289	10,872	53	1.40	1.51	102	310
2001-2007	24,713	298	25,953	53,134	79,385	324	1.21	1.31	106	321

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CITY STREETS

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	6,812	78	10,932	20,553	31,563	82	1.15	1.20	162	463
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	6,866	84	10,168	23,231	33,483	92	1.22	1.34	149	488
2003	6,929	81	9,762	23,626	33,469	92	1.17	1.33	142	483
2004	6,918	75	9,549	23,784	33,408	77	1.08	1.11	139	483
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	6,879	70	10,006	22,728	32,804	76	1.02	1.10	146	477
2006	6,874	90	9,238	20,384	29,712	97	1.31	1.41	136	432
April 15, 2007 - Database Changed from DBF to SQL										
2007	6,813	81	9,028	22,773	31,882	85	1.19	1.25	134	468
2001-2007	48,091	559	68,683	157,079	226,321	601	1.16	1.25	144	471

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MUNICIPAL TOTALS

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2007

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	12,275	105	12,986	24,182	37,273	113	0.86	0.92	107	304
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	12,655	105	12,070	27,374	39,549	115	0.83	0.91	96	313
2003	12,692	110	11,537	27,969	39,616	127	0.87	1.00	92	312
2004	12,886	106	11,383	28,375	39,864	115	0.82	0.89	89	309
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	12,945	99	12,009	27,306	39,414	108	0.76	0.83	94	304
2006	12,952	119	11,046	24,758	35,923	128	0.92	0.99	86	277
April 15, 2007 - Database Changed from DBF to SQL										
2007	12,805	121	11,308	27,667	39,096	132	0.94	1.03	89	305
2001-2007	89,210	765	82,339	187,631	270,735	838	0.86	0.94	93	303

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