

Historical Summary of Travel, Crashes, Fatalities, and Rates

2001 – 2011

Prepared by:

Office of Traffic and Safety
Engineering Bureau
Highway Division

In cooperation with:

Office of Driver Services
Motor Vehicle Division

January 28th, 2013

Iowa Department of Transportation

STATEWIDE

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

2001 THROUGH 2011

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	16,564	41,854	58,810	445	1.25	1.41	54	187
2008	30,954	367	15,957	43,567	59,891	411	1.19	1.33	53	193
2009	31,295	338	14,434	40,716	55,488	371	1.08	1.19	47	177
2010	31,579	348	14,580	39,462	54,390	390	1.10	1.23	47	172
2011	31,411	329	13,479	34,905	48,713	360	1.05	1.15	44	155
2002-2011	314,950	3,667	162,211	403,171	569,049	4,102	1.16	1.30	53	181

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

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RURAL INTERSTATE

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

2001 THROUGH 2011

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	29	579	1,439	2,047	37	0.60	0.77	13	42
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	5,046	21	498	1,421	1,940	24	0.42	0.48	10	38
2003	5,116	25	548	1,541	2,114	40	0.49	0.78	11	41
2004	5,086	15	560	1,636	2,211	21	0.29	0.41	11	43
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	5,032	29	615	1,754	2,398	37	0.58	0.74	13	48
2006	5,186	27	482	1,504	2,013	33	0.52	0.64	10	39
April 15, 2007 - Database Changed from DBF to SQL										
2007	5,217	28	668	2,083	2,779	36	0.54	0.69	13	53
2008	4,962	39	723	2,165	2,927	43	0.79	0.87	15	59
2009	5,033	21	583	2,093	2,697	24	0.42	0.48	12	54
2010	5,204	32	661	2,165	2,858	42	0.61	0.81	13	55
2011	5,178	24	494	1,769	2,287	29	0.46	0.56	10	44
2002-2011	51,060	261	5,832	18,131	24,224	329	0.51	0.64	12	47

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RURAL PRIMARY

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

2001 THROUGH 2011

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	8,330	112	2,314	5,888	8,314	137	1.34	1.64	29	100
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	8,649	127	2,084	5,915	8,126	140	1.47	1.62	26	94
2003	8,362	98	1,908	5,651	7,657	112	1.17	1.34	24	92
2004	8,483	94	2,015	5,510	7,619	103	1.11	1.21	25	90
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	8,110	125	2,182	4,975	7,282	142	1.54	1.75	28	90
2006	8,133	118	1,868	5,161	7,147	139	1.45	1.71	24	88
April 15, 2007 - Database Changed from DBF to SQL										
2007	8,015	113	1,892	5,329	7,334	139	1.41	1.73	25	92
2008	7,846	106	2,143	5,494	7,743	117	1.35	1.49	29	99
2009	8,040	86	1,825	5,210	7,121	102	1.07	1.27	24	89
2010	8,129	93	2,024	5,186	7,303	107	1.14	1.32	26	90
2011	8,116	85	1,655	4,776	6,516	97	1.05	1.20	21	80
2002-2011	81,883	1,045	19,596	53,207	73,848	1,198	1.28	1.46	25	90

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RURAL SECONDARY (County Roads)

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

2001 THROUGH 2011

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	148	3,613	6,557	10,318	173	2.95	3.44	75	205
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	5,011	167	3,779	7,137	11,083	179	3.33	3.57	79	221
2003	5,427	176	3,707	7,411	11,294	193	3.24	3.56	72	208
2004	5,516	163	3,632	6,821	10,616	175	2.96	3.17	69	192
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	5,481	178	3,846	6,291	10,315	201	3.25	3.67	73	188
2006	5,462	169	3,824	6,378	10,371	194	3.09	3.55	73	190
April 15, 2007 - Database Changed from DBF to SQL										
2007	5,444	157	3,522	6,468	10,147	174	2.88	3.20	68	186
2008	5,439	146	3,326	6,232	9,704	164	2.68	3.02	64	178
2009	5,334	155	3,046	6,004	9,205	168	2.91	3.15	60	173
2010	5,296	134	3,028	5,548	8,710	146	2.53	2.76	60	164
2011	5,268	143	2,938	5,316	8,397	154	2.71	2.92	58	159
2002-2011	53,678	1,588	34,648	63,606	99,842	1,748	2.96	3.26	68	186

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RURAL TOTALS

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

2001 THROUGH 2011

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	255	5,726	12,761	18,742	306	1.40	1.68	33	103
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	18,706	266	5,608	13,121	18,995	290	1.42	1.55	31	102
2003	18,905	271	5,464	13,294	19,029	313	1.43	1.66	30	101
2004	19,085	247	5,514	12,795	18,556	272	1.29	1.43	30	97
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	18,623	298	5,954	11,944	18,196	341	1.60	1.83	34	98
2006	18,781	265	5,647	12,055	17,967	308	1.41	1.64	31	96
April 15, 2007 - Database Changed from DBF to SQL										
2007	18,676	268	5,539	12,840	18,647	310	1.43	1.66	31	100
2008	18,247	268	5,608	12,854	18,730	296	1.47	1.62	32	103
2009	18,407	242	4,911	12,352	17,505	271	1.31	1.47	28	95
2010	18,629	237	5,176	11,939	17,352	271	1.27	1.45	29	93
2011	18,562	233	4,610	10,946	15,789	259	1.26	1.40	26	85
2002-2011	186,621	2,595	54,031	124,140	180,766	2,931	1.39	1.57	30	97

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MUNICIPAL INTERSTATE

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

2001 THROUGH 2011

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	12	804	1,392	2,208	15	0.58	0.72	39	106
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	729	1,578	2,322	15	0.60	0.60	30	93
April 15, 2007 - Database Changed from DBF to SQL										
2007	2,487	15	833	2,046	2,894	19	0.60	0.76	34	116
2008	2,467	19	836	2,087	2,942	23	0.77	0.93	35	119
2009	2,458	21	725	1,878	2,624	23	0.85	0.94	30	107
2010	2,524	16	705	1,955	2,676	16	0.63	0.63	29	106
2011	2,526	13	611	1,711	2,335	13	0.51	0.51	25	92
2002-2011	24,305	151	7,658	18,442	26,251	177	0.62	0.73	32	108

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MUNICIPAL PRIMARY

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

2001 THROUGH 2011

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	38	4,392	7,165	11,595	39	1.12	1.15	131	343
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	3,247	7,061	10,349	47	1.15	1.32	92	290
April 15, 2007 - Database Changed from DBF to SQL										
2007	3,505	51	3,322	7,527	10,900	56	1.46	1.60	96	311
2008	3,464	35	3,039	7,654	10,728	39	1.01	1.13	89	310
2009	3,608	38	2,925	7,287	10,250	40	1.05	1.11	82	284
2010	3,606	44	2,821	7,107	9,972	51	1.22	1.41	79	277
2011	3,607	30	2,786	6,440	9,256	31	0.83	0.86	78	257
2002-2011	35,614	410	32,935	74,703	108,048	450	1.15	1.26	94	303

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CITY STREETS

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

2001 THROUGH 2011

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	79	10,946	20,569	31,594	83	1.16	1.22	162	464	
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	91	9,240	20,407	29,738	99	1.32	1.44	136	433	
April 15, 2007 - Database Changed from DBF to SQL											
2007	6,813	80	8,831	23,074	31,985	83	1.17	1.22	131	469	
2008	6,776	64	8,142	24,596	32,802	73	0.94	1.08	121	484	
2009	6,822	55	7,662	22,884	30,601	55	0.81	0.81	113	449	
2010	6,820	78	7,628	22,297	30,003	81	1.14	1.19	113	440	
2011	6,716	71	7,224	19,411	26,706	75	1.06	1.12	109	398	
2002-2011	68,413	749	88,212	226,038	314,999	803	1.09	1.17	130	460	

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MUNICIPAL TOTALS

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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	12,275	107	13,014	24,252	37,373	115	0.87	0.94	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	120	11,053	24,779	35,952	130	0.93	1.00	86	278
April 15, 2007 - Database Changed from DBF to SQL										
2007	12,805	122	10,830	28,291	39,243	133	0.95	1.04	86	306
2008	12,707	96	10,183	29,882	40,161	112	0.76	0.88	81	316
2009	12,888	94	9,391	27,743	37,228	98	0.73	0.76	74	289
2010	12,950	111	9,354	27,220	36,685	119	0.86	0.92	73	283
2011	12,849	96	8,830	23,742	32,668	101	0.75	0.79	69	254
2002-2011	128,329	1,059	106,640	272,681	380,380	1,158	0.83	0.90	84	296

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