

# **Historical Summary of Travel, Crashes, Fatalities, and Rates**

## **2001 – 2009**

Prepared by:

Office of Traffic and Safety  
Engineering Bureau  
Highway Division

In cooperation with:

Office of Driver Services  
Motor Vehicle Division

July 6, 2010

# **Iowa Department of Transportation**

# STATEWIDE

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

2001 THROUGH 2009

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	16,650	42,961	60,003	445	1.25	1.41	54	191
2008	30,954	369	16,092	45,029	61,490	413	1.19	1.33	53	199
2009	30,954	337	14,520	41,661	56,518	370	1.09	1.20	48	183
<b>2001-2009</b>	<b>282,080</b>	<b>3,355</b>	<b>153,350</b>	<b>370,166</b>	<b>526,871</b>	<b>3,776</b>	<b>1.19</b>	<b>1.34</b>	<b>56</b>	<b>187</b>

\*\*\* 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 July 6, 2010  
Highway Division,  
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# RURAL INTERSTATE

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

2001 THROUGH 2009

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										
<b>2001</b>	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										
<b>2002</b>	5,046	21	498	1,421	1,940	24	0.42	0.48	10	38
<b>2003</b>	5,116	25	548	1,541	2,114	40	0.49	0.78	11	41
<b>2004</b>	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										
<b>2005</b>	5,032	29	615	1,754	2,398	37	0.58	0.74	13	48
<b>2006</b>	5,186	27	482	1,504	2,013	33	0.52	0.64	10	39
April 15, 2007 - Database Changed from DBF to SQL										
<b>2007</b>	5,217	28	670	2,090	2,788	36	0.54	0.69	13	53
<b>2008</b>	4,962	40	724	2,168	2,932	44	0.81	0.89	15	59
<b>2009</b>	4,962	21	587	2,091	2,699	24	0.42	0.48	12	54
<b>2001-2009</b>	<b>45,438</b>	<b>235</b>	<b>5,263</b>	<b>15,644</b>	<b>21,142</b>	<b>296</b>	<b>0.52</b>	<b>0.65</b>	<b>12</b>	<b>47</b>

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## RURAL PRIMARY

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

2001 THROUGH 2009

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										
<b>2001</b>	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										
<b>2002</b>	8,649	127	2,084	5,915	8,126	140	1.47	1.62	26	94
<b>2003</b>	8,362	98	1,908	5,651	7,657	112	1.17	1.34	24	92
<b>2004</b>	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										
<b>2005</b>	8,110	125	2,182	4,975	7,282	142	1.54	1.75	28	90
<b>2006</b>	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										
<b>2007</b>	8,015	113	1,904	5,327	7,344	139	1.41	1.73	25	92
<b>2008</b>	7,846	106	2,152	5,493	7,751	117	1.35	1.49	29	99
<b>2009</b>	7,846	86	1,829	5,207	7,122	102	1.10	1.30	24	91
<b>2001-2009</b>	<b>73,774</b>	<b>979</b>	<b>18,256</b>	<b>49,127</b>	<b>68,362</b>	<b>1,131</b>	<b>1.33</b>	<b>1.53</b>	<b>26</b>	<b>93</b>

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## RURAL SECONDARY (County Roads)

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

2001 THROUGH 2009

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										
<b>2001</b>	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										
<b>2002</b>	5,011	167	3,779	7,137	11,083	179	3.33	3.57	79	221
<b>2003</b>	5,427	176	3,707	7,411	11,294	193	3.24	3.56	72	208
<b>2004</b>	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										
<b>2005</b>	5,481	178	3,846	6,291	10,315	201	3.25	3.67	73	188
<b>2006</b>	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										
<b>2007</b>	5,444	157	3,537	6,472	10,166	174	2.88	3.20	68	187
<b>2008</b>	5,439	146	3,343	6,242	9,731	164	2.68	3.02	64	179
<b>2009</b>	5,439	154	3,047	6,007	9,208	167	2.83	3.07	59	169
<b>2001-2009</b>	<b>48,244</b>	<b>1,458</b>	<b>32,328</b>	<b>59,316</b>	<b>93,102</b>	<b>1,620</b>	<b>3.02</b>	<b>3.36</b>	<b>70</b>	<b>193</b>

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# RURAL TOTALS

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2001 THROUGH 2009

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	5566	12,848	18,682	310	1.43	1.66	31	100
2008	18,247	269	5635	12,865	18,769	297	1.47	1.63	32	103
2009	18,247	241	4920	12,348	17,509	270	1.32	1.48	28	96
<b>2001-2009</b>	<b>167,456</b>	<b>2,380</b>	<b>50,034</b>	<b>114,031</b>	<b>166,445</b>	<b>2,707</b>	<b>1.42</b>	<b>1.62</b>	<b>31</b>	<b>99</b>

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# MUNICIPAL INTERSTATE

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		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
<b>2001</b>	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										
<b>2002</b>	2,223	9	814	1,717	2,540	12	0.40	0.54	37	114
<b>2003</b>	2,281	17	816	1,798	2,631	23	0.75	1.01	37	115
<b>2004</b>	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										
<b>2005</b>	2,450	13	790	1,807	2,610	16	0.53	0.65	33	107
<b>2006</b>	2,506	15	729	1,578	2,322	15	0.60	0.60	30	93
April 15, 2007 - Database Changed from DBF to SQL										
<b>2007</b>	2,487	15	835	2,054	2,904	19	0.60	0.76	34	117
<b>2008</b>	2,467	19	838	2,090	2,947	23	0.77	0.93	35	119
<b>2009</b>	2,467	21	728	1,889	2,638	23	0.85	0.93	30	107
<b>2001-2009</b>	<b>21,343</b>	<b>134</b>	<b>7,153</b>	<b>16,190</b>	<b>23,477</b>	<b>163</b>	<b>0.63</b>	<b>0.76</b>	<b>34</b>	<b>110</b>

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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	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	3,344	7,530	10,925	56	1.46	1.60	97	312
2008	3,464	36	3,065	7,673	10,774	40	1.04	1.15	90	311
2009	3,464	38	2,946	7,281	10,265	40	1.10	1.15	86	296
<b>2001-2009</b>	<b>31,641</b>	<b>375</b>	<b>31,789</b>	<b>68,337</b>	<b>100,501</b>	<b>408</b>	<b>1.19</b>	<b>1.29</b>	<b>102</b>	<b>318</b>

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# CITY STREETS

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

2001 THROUGH 2009

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										
<b>2001</b>	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										
<b>2002</b>	6,866	84	10,168	23,231	33,483	92	1.22	1.34	149	488
<b>2003</b>	6,929	81	9,762	23,626	33,469	92	1.17	1.33	142	483
<b>2004</b>	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										
<b>2005</b>	6,879	70	10,006	22,728	32,804	76	1.02	1.10	146	477
<b>2006</b>	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										
<b>2007</b>	6,813	80	8,872	23,110	32,062	83	1.17	1.22	131	471
<b>2008</b>	6,776	65	8,231	24,651	32,947	74	0.96	1.09	122	486
<b>2009</b>	6,776	55	7,725	22,852	30,632	55	0.81	0.81	115	452
<b>2001-2009</b>	<b>61,643</b>	<b>680</b>	<b>84,499</b>	<b>204,958</b>	<b>290,137</b>	<b>731</b>	<b>1.10</b>	<b>1.19</b>	<b>138</b>	<b>471</b>

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# MUNICIPAL TOTALS

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2001 THROUGH 2009

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										
<b>2001</b>	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										
<b>2002</b>	12,655	105	12,070	27,374	39,549	115	0.83	0.91	96	313
<b>2003</b>	12,692	110	11,537	27,969	39,616	127	0.87	1.00	92	312
<b>2004</b>	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										
<b>2005</b>	12,945	99	12,009	27,306	39,414	108	0.76	0.83	94	304
<b>2006</b>	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										
<b>2007</b>	12,805	122	10,887	28,328	39,337	133	0.95	1.04	86	307
<b>2008</b>	12,707	97	10,288	29,938	40,323	113	0.76	0.89	82	317
<b>2009</b>	12,707	94	9,464	27,706	37,264	98	0.74	0.77	75	293
<b>2001-2009</b>	<b>114,624</b>	<b>960</b>	<b>101,705</b>	<b>246,027</b>	<b>348,692</b>	<b>1,054</b>	<b>0.84</b>	<b>0.92</b>	<b>90</b>	<b>304</b>

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