

# Transportation Data Center Data Set Codebook

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The University of Michigan  
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# FATALITY ANALYSIS REPORTING SYSTEM (FARS)

2010 Codebook - Version 03Nov2011

## Introduction

This codebook documents data sets describing motor vehicle crashes involving fatal injuries that occurred in the United States during the calendar year of 2010. This dataset is labeled version 03Nov2011 2010 file and is the final version reported by the National Highway Traffic Safety Administration (NHTSA). The data sets were developed by the Transportation Data Center from data supplied by NHTSA and collected through NHTSA's Fatality Analysis Reporting System (FARS). The cooperation of NHTSA in providing the data is gratefully acknowledged.

FARS is a computerized data base maintained by NHTSA that contains information on fatal motor vehicle traffic crashes occurring in the fifty states and the District of Columbia. Each crash in FARS includes at least one fatality that happened on a trafficway. The data for FARS are provided by the states and reported in a standard format.

The data obtained from NHTSA have been reformatted into five distinct data sets for use by the Data Center. The characteristics of the system data sets are given in the table below. Relational data sets for the five record types with extensions made by the Data Center are maintained, however, and other final data set configurations can be generated.

In addition to the standard variables NHTSA has begun releasing variables they derive. These variables are called Auxillary Variables and there are several at the crash, vehicle and person level. These variables have been added to the appropriate data section.

In the following codebook, code categories found with no label indicate code values that do not have a valid value in the NHTSA supplied documentation.

The codebook itself is divided into four sections that document the crash, vehicle, occupant, and nonmotorist records respectively. Univariate frequencies and frequency percentages displayed in each section are from the corresponding data set. For example, frequencies for the vehicle variables (301-580) are derived from FARS10VH.

2010 FARS DATA SETS  
Version 03Nov2011

Data Set	KEY	Variables	Cases
Accident	FARS10AC	1-63, 64-94, 95-219	30,196
Vehicle	FARS10VH	1-63, 64-94, 95-219, 301-399, 400-412, 413-580	45,777
Occupant	FARS10OC	1-63, 64-94, 95-219, 301- 399, 400-412, 413-580, 601-649, 650-667	69,124
Two Vehicle	FARS10TV	1-63, 64-94, 95-219, 301-399, 400-412, 413-580, 601-649, 650-667, 2301-2399, 2400-2412, 2413-2580, 2601-2649, 2650-2667	10,094
NonMotorist	FARS10NM	1-63, 64-94, 95-219, 301-399, 400-412, 413-580, 601-649, 650-667, 701-783, 784-801	5,449

Nonmotorist records which include occupants of not-in-transport motor vehicles (parked or working vehicles) are documented in the NonMotorist data set. The vehicle variables in this data set contain information on the vehicle in the crash that was associated with striking the nonmotorist. The driver

and occupant variables describe the driver of the associated vehicle and the occupant information for the driver. If a vehicle is not identified as the striking vehicle the vehicle and driver data is coded all missing.

The two-vehicle-crash data set contains one record for every crash involving two motor vehicles in transport. These records document crash, vehicle, driver, and occupant (for the driver) information for each of the two involved vehicles. In order to avoid a large amount of duplication, the two-vehicle file is not documented directly in this codebook. Univariate frequencies are consequently not available. Variable numbers for the data set are as follows:

V1	-	V63	-	Crash
V64	-	V94	-	Crash Auxiliary
V95	-	V219	-	Crash Events
V301	-	V399	-	Vehicle Number 1
V400	-	V412	-	Vehicle Auxiliary
V413	-	V460	-	Driver of Vehicle #1
V461	-	V580	-	Events for Driver of Vehicle #1
V601	-	V649	-	Occupant information for Driver #1
V650	-	V667	-	Person Auxiliary
V2301	-	V2399	-	Vehicle #2
V2400	-	V2412	-	Vehicle Auxiliary #2
V2413	-	V2460	-	Driver of Vehicle #2
V2461	-	V2580	-	Events for Driver of Vehicle #2
V2601	-	V2649	-	Occupant information for Driver #2
V2650	-	V2667	-	Person Auxiliary #2

The codebook may be used for the definition of variables V1 through V667. Variables V2301 - V2580 have the same definition as V301 - V580, and variables V2601 - V2667 have the same definition as V601 - V667.

While every effort has been made to provide accurate, reliable data, inconsistencies may arise from the source data or from the reformatting procedures used. Consequently, the Data Center cannot guarantee the accuracy of the data but will try to correct any discrepancies that are found. Please notify the Center of

any errors or data inconsistencies that are uncovered as well as any suggestions or comments that you may have concerning the codebook by calling (734) 763-3230 or by emailing TDC-UMTRI@umich.edu.

For PDF versions of our codebooks and more information about our full line of services, please visit our website:

<http://www.umtri.umich.edu/tdc/>.

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	CASE STATE	2	Numeric	1
2	CASE NUMBER	4	Numeric	2
3	SEQUENCE NUMBER	1	Numeric	2
4	VEHICLE NUMBER	2	Numeric	2
5	RECORD TYPE	1	Numeric	3
6	PERSON NUMBER	2	Numeric	3
7	CITY	4	Numeric	3
8	COUNTY	3	Numeric	3
9	CRASH DATE - MONTH	2	Numeric	4
10	CRASH DATE - DAY	2	Numeric	4
11	CRASH DATE - YEAR	4	Numeric	4
12	CRASH TIME - HOUR	2	Numeric	4
13	CRASH TIME - MINUTE	2	Numeric	5
14	NUMBER OF VEHICLE FORMS	2	Numeric	5
15	TOTAL # OF VEHICLE FORMS	2	Numeric	6
16	NUMBER OF PERSON FORMS	2	Numeric	6
17	NUMBER OF PED/BIKE FORMS	2	Numeric	6
18	NATIONAL HIGHWAY SYSTEM	1	Numeric	7
19	ROADWAY FUNCTION CLASS	2	Numeric	7
20	ROUTE SIGNING	1	Numeric	7
21	TRAFFICWAY IDENTIFIER #1	20	Alphabetic	8
22	TRAFFICWAY IDENTIFIER #2	20	Alphabetic	8
23	MILEPOINT	5	Numeric	8
24	SPECIAL JURISDICTION	1	Numeric	9
25	FIRST HARMFUL EVENT	2	Numeric	9
26	MANNER OF COLLISION	2	Numeric	12
27	RELATION TO JUNCTION 1	1	Numeric	12
28	RELATION TO JUNCTION 2	2	Numeric	12
29	RELATION TO TRAFFICWAY	2	Numeric	13
30	TYPE OF INTERSECTION	1	Numeric	13
31	HIT AND RUN	1	Numeric	14
32	LIGHT CONDITION	1	Numeric	14
33	ATMOSPHERIC CONDITION #1	2	Numeric	14
34	ATMOSPHERIC CONDITION #2	2	Numeric	15
35	WORK ZONE	1	Numeric	15
36	EMS NOTIFIED - HOUR	2	Numeric	15
37	EMS NOTIFIED - MINUTE	2	Numeric	16
38	EMS ARRIVAL - HOUR	2	Numeric	16
39	EMS ARRIVAL - MINUTE	2	Numeric	16
40	EMS HOSPITAL - HOUR	2	Numeric	17
41	EMS HOSPITAL - MINUTE	2	Numeric	17
42	SCHOOL BUS RELATED	1	Numeric	17
43	CRASH RELATED FACTORS #1	2	Numeric	17
44	CRASH RELATED FACTORS #2	2	Numeric	18
45	CRASH RELATED FACTORS #3	2	Numeric	19
46	RAIL GRADE CROSSING ID	7	Alphabetic	20
47	LATITUDE	13	Alphabetic	20
48	LONGITUDE	13	Alphabetic	20
49	NUM FATALITIES IN CRASH	2	Numeric	21
50	DAY OF WEEK	1	Numeric	21

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	NUMBER DRINKING DRIVERS	2	Numeric	21
52	ACCIDENT DATE - JULIAN	5	Numeric	22
53	NUMBER UNINJ IN CRASH	2	Numeric	22
54	NUMBER C-INJ IN CRASH	2	Numeric	22
55	NUMBER B-INJ IN CRASH	2	Numeric	23
56	NUMBER A-INJ IN CRASH	2	Numeric	23
57	NUMBER K-INJ IN CRASH	2	Numeric	23
58	NUM UNK INJ IN CRASH	2	Numeric	24
59	ROLLOVER (Y/N)	1	Numeric	24
60	FIRE (Y/N)	1	Numeric	24
61	OFF ROAD RIGHT (Y/N)	1	Numeric	25
62	OFF ROAD LEFT (Y/N)	1	Numeric	25
63	CROSS CENTER LINE (Y/N)	1	Numeric	25



FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident Auxiliary

Variable Number	Variable Name	Width	Storage Type	Page Number
64	AUX: CRASH INJURY TYPE	1	Numeric	27
65	AUX: CRASH TYPE	1	Numeric	27
66	AUX: DRIVER AGE 15-19	1	Numeric	27
67	AUX: DRIVER AGE 15-20	1	Numeric	27
68	AUX: DRIVER AGE 16-19	1	Numeric	28
69	AUX: DRIVER AGE 16-20	1	Numeric	28
70	AUX: DRIVER AGE 16-24	1	Numeric	28
71	AUX: DRIVER AGE 21-24	1	Numeric	29
72	AUX: DRIVER AGE 65+	1	Numeric	29
73	AUX: DISTRACTED DRIVER	1	Numeric	29
74	AUX: DAY OF WEEK	1	Numeric	29
75	AUX: DROWSY DRIVER	1	Numeric	30
76	AUX: HIT AND RUN	1	Numeric	30
77	AUX: INTERSTATE	1	Numeric	30
78	AUX: INTERSECTION	1	Numeric	30
79	AUX: JUNCTION	1	Numeric	31
80	AUX: LARGE TRUCK	1	Numeric	31
81	AUX: MANNER OF COLLISION	1	Numeric	31
82	AUX: MOTORCYCLE	1	Numeric	31
83	AUX: PEDESTRIAN	1	Numeric	32
84	AUX: PEDALCYCLIST	1	Numeric	32
85	AUX: POLICE PURSUIT	1	Numeric	32
86	AUX: DRIVER POSITIVE BAC	1	Numeric	32
87	AUX: ROADWAY DEPARTURE	1	Numeric	33
88	AUX: NHTSA REGION	2	Numeric	33
89	AUX: RELATIONSHIP ROAD	1	Numeric	33
90	AUX: ROADWAY FUNCTION	1	Numeric	34
91	AUX: ROLLOVER	1	Numeric	34
92	AUX: RURAL/URBAN	1	Numeric	34
93	AUX: SPEEDING	1	Numeric	34
94	AUX: TIME OF DAY	1	Numeric	35

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Crash Events

Variable Number	Variable Name	Width	Storage Type	Page Number
95	E1: EVENT	2	Numeric	37
96	E1: IMPACT AREA (THIS)	2	Numeric	38
97	E1: IMPACT AREA (OTHER)	2	Numeric	39
98	E1: VEH NUMBER (THIS)	2	Numeric	40
99	E1: VEH NUMBER (OTHER)	4	Numeric	40
100	E2: EVENT	2	Numeric	40
101	E2: IMPACT AREA (THIS)	2	Numeric	42
102	E2: IMPACT AREA (OTHER)	2	Numeric	43
103	E2: VEH NUMBER (THIS)	2	Numeric	43
104	E2: VEH NUMBER (OTHER)	4	Numeric	44
105	E3: EVENT	2	Numeric	44
106	E3: IMPACT AREA (THIS)	2	Numeric	45
107	E3: IMPACT AREA (OTHER)	2	Numeric	46
108	E3: VEH NUMBER (THIS)	2	Numeric	47
109	E3: VEH NUMBER (OTHER)	4	Numeric	47
110	E4: EVENT	2	Numeric	48
111	E4: IMPACT AREA (THIS)	2	Numeric	49
112	E4: IMPACT AREA (OTHER)	2	Numeric	50
113	E4: VEH NUMBER (THIS)	2	Numeric	50
114	E4: VEH NUMBER (OTHER)	4	Numeric	51
115	E5: EVENT	2	Numeric	51
116	E5: IMPACT AREA (THIS)	2	Numeric	53
117	E5: IMPACT AREA (OTHER)	2	Numeric	53
118	E5: VEH NUMBER (THIS)	2	Numeric	54
119	E5: VEH NUMBER (OTHER)	4	Numeric	54
120	E6: EVENT	2	Numeric	55
121	E6: IMPACT AREA (THIS)	2	Numeric	56
122	E6: IMPACT AREA (OTHER)	2	Numeric	57
123	E6: VEH NUMBER (THIS)	2	Numeric	58
124	E6: VEH NUMBER (OTHER)	4	Numeric	58
125	E7: EVENT	2	Numeric	58
126	E7: IMPACT AREA (THIS)	2	Numeric	60
127	E7: IMPACT AREA (OTHER)	2	Numeric	60
128	E7: VEH NUMBER (THIS)	2	Numeric	61
129	E7: VEH NUMBER (OTHER)	4	Numeric	61
130	E8: EVENT	2	Numeric	62
131	E8: IMPACT AREA (THIS)	2	Numeric	63
132	E8: IMPACT AREA (OTHER)	2	Numeric	64
133	E8: VEH NUMBER (THIS)	2	Numeric	64
134	E8: VEH NUMBER (OTHER)	4	Numeric	65
135	E9: EVENT	2	Numeric	65
136	E9: IMPACT AREA (THIS)	2	Numeric	66
137	E9: IMPACT AREA (OTHER)	2	Numeric	67
138	E9: VEH NUMBER (THIS)	2	Numeric	67
139	E9: VEH NUMBER (OTHER)	4	Numeric	68
140	E10: EVENT	2	Numeric	68
141	E10: IMPACT AREA (THIS)	2	Numeric	69
142	E10: IMPACT AREA (OTHER)	2	Numeric	70
143	E10: VEH NUMBER (THIS)	2	Numeric	70
144	E10: VEH NUMBER (OTHER)	4	Numeric	71

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Crash Events

Variable Number	Variable Name	Width	Storage Type	Page Number
145	E11: EVENT	2	Numeric	71
146	E11: IMPACT AREA (THIS)	2	Numeric	72
147	E11: IMPACT AREA (OTHER)	2	Numeric	73
148	E11: VEH NUMBER (THIS)	2	Numeric	73
149	E11: VEH NUMBER (OTHER)	4	Numeric	74
150	E12: EVENT	2	Numeric	74
151	E12: IMPACT AREA (THIS)	2	Numeric	75
152	E12: IMPACT AREA (OTHER)	2	Numeric	75
153	E12: VEH NUMBER (THIS)	2	Numeric	76
154	E12: VEH NUMBER (OTHER)	4	Numeric	76
155	E13: EVENT	2	Numeric	77
156	E13: IMPACT AREA (THIS)	2	Numeric	77
157	E13: IMPACT AREA (OTHER)	2	Numeric	78
158	E13: VEH NUMBER (THIS)	2	Numeric	78
159	E13: VEH NUMBER (OTHER)	4	Numeric	79
160	E14: EVENT	2	Numeric	79
161	E14: IMPACT AREA (THIS)	2	Numeric	80
162	E14: IMPACT AREA (OTHER)	2	Numeric	80
163	E14: VEH NUMBER (THIS)	2	Numeric	80
164	E14: VEH NUMBER (OTHER)	4	Numeric	81
165	E15: EVENT	2	Numeric	81
166	E15: IMPACT AREA (THIS)	2	Numeric	82
167	E15: IMPACT AREA (OTHER)	2	Numeric	82
168	E15: VEH NUMBER (THIS)	2	Numeric	82
169	E15: VEH NUMBER (OTHER)	4	Numeric	83
170	E16: EVENT	2	Numeric	83
171	E16: IMPACT AREA (THIS)	2	Numeric	84
172	E16: IMPACT AREA (OTHER)	2	Numeric	84
173	E16: VEH NUMBER (THIS)	2	Numeric	84
174	E16: VEH NUMBER (OTHER)	4	Numeric	85
175	E17: EVENT	2	Numeric	85
176	E17: IMPACT AREA (THIS)	2	Numeric	85
177	E17: IMPACT AREA (OTHER)	2	Numeric	86
178	E17: VEH NUMBER (THIS)	2	Numeric	86
179	E17: VEH NUMBER (OTHER)	4	Numeric	87
180	E18: EVENT	2	Numeric	87
181	E18: IMPACT AREA (THIS)	2	Numeric	87
182	E18: IMPACT AREA (OTHER)	2	Numeric	88
183	E18: VEH NUMBER (THIS)	2	Numeric	88
184	E18: VEH NUMBER (OTHER)	4	Numeric	88
185	E19: EVENT	2	Numeric	89
186	E19: IMPACT AREA (THIS)	2	Numeric	89
187	E19: IMPACT AREA (OTHER)	2	Numeric	89
188	E19: VEH NUMBER (THIS)	2	Numeric	90
189	E19: VEH NUMBER (OTHER)	4	Numeric	90
190	E20: EVENT	2	Numeric	90
191	E20: IMPACT AREA (THIS)	2	Numeric	91
192	E20: IMPACT AREA (OTHER)	2	Numeric	91
193	E20: VEH NUMBER (THIS)	2	Numeric	91
194	E20: VEH NUMBER (OTHER)	4	Numeric	92

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Crash Events

Variable Number	Variable Name	Width	Storage Type	Page Number
195	E21: EVENT	2	Numeric	92
196	E21: IMPACT AREA (THIS)	2	Numeric	92
197	E21: IMPACT AREA (OTHER)	2	Numeric	92
198	E21: VEH NUMBER (THIS)	2	Numeric	93
199	E21: VEH NUMBER (OTHER)	4	Numeric	93
200	E22: EVENT	2	Numeric	93
201	E22: IMPACT AREA (THIS)	2	Numeric	94
202	E22: IMPACT AREA (OTHER)	2	Numeric	94
203	E22: VEH NUMBER (THIS)	2	Numeric	94
204	E22: VEH NUMBER (OTHER)	4	Numeric	94
205	E23: EVENT	2	Numeric	95
206	E23: IMPACT AREA (THIS)	2	Numeric	95
207	E23: IMPACT AREA (OTHER)	2	Numeric	95
208	E23: VEH NUMBER (THIS)	2	Numeric	95
209	E23: VEH NUMBER (OTHER)	4	Numeric	96
210	E24: EVENT	2	Numeric	96
211	E24: IMPACT AREA (THIS)	2	Numeric	96
212	E24: IMPACT AREA (OTHER)	2	Numeric	96
213	E24: VEH NUMBER (THIS)	2	Numeric	97
214	E24: VEH NUMBER (OTHER)	4	Numeric	97
215	E25: EVENT	2	Numeric	97
216	E25: IMPACT AREA (THIS)	2	Numeric	97
217	E25: IMPACT AREA (OTHER)	2	Numeric	98
218	E25: VEH NUMBER (THIS)	2	Numeric	98
219	E25: VEH NUMBER (OTHER)	4	Numeric	98

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE STATE	2	Numeric	99
302	CASE NUMBER	4	Numeric	99
303	SEQUENCE NUMBER	1	Numeric	99
304	VEHICLE NUMBER	2	Numeric	99
305	RECORD TYPE	1	Numeric	100
306	UNIT TYPE	2	Numeric	100
307	NUMBER OF OCCUPANTS	2	Numeric	100
308	VEHICLE MAKE	2	Numeric	101
309	VEHICLE MAKE-MODEL	5	Numeric	102
310	BODY TYPE	2	Numeric	135
311	MODEL YEAR	4	Numeric	139
312	VIN	12	Alphabetic	139
313	VIN - LETTER #1	1	Alphabetic	139
314	VIN - LETTER #2	1	Alphabetic	140
315	VIN - LETTER #3	1	Alphabetic	140
316	VIN - LETTER #4	1	Alphabetic	140
317	VIN - LETTER #5	1	Alphabetic	140
318	VIN - LETTER #6	1	Alphabetic	140
319	VIN - LETTER #7	1	Alphabetic	140
320	VIN - LETTER #8	1	Alphabetic	141
321	VIN - LETTER #9	1	Alphabetic	141
322	VIN - LETTER #10	1	Alphabetic	141
323	VIN - LETTER #11	1	Alphabetic	141
324	VIN - LETTER #12	1	Alphabetic	141
325	REGISTRATION STATE	2	Numeric	141
326	REGISTERED VEHICLE OWNER	1	Numeric	143
327	ROLLOVER TRIPPED	1	Numeric	143
328	ROLLOVER LOCATION	2	Numeric	144
329	JACKKNIFE	1	Numeric	144
330	TRAVEL SPEED	3	Numeric	144
331	HIT AND RUN	1	Numeric	145
332	VEHICLE TRAILING	1	Numeric	145
333	VEHICLE CONFIGURATION	2	Numeric	145
334	CARGO BODY TYPE	2	Numeric	146
335	SPECIAL USE	2	Numeric	146
336	EMERGENCY USE	1	Numeric	147
337	IMPACT-INITIAL DAMG AREA	2	Numeric	147
338	IMPACT-MOST DAMAGED AREA	2	Numeric	148
339	UNDERRIDE/OVERRIDE	1	Numeric	149
340	EXTENT OF DAMAGE	1	Numeric	149
341	VEHICLE REMOVAL	1	Numeric	150
342	FIRE OCCURRENCE	1	Numeric	150
343	VEH RELATED FACTORS #1	2	Numeric	150
344	VEH RELATED FACTORS #2	2	Numeric	151
345	VEHICLE FACTOR1	2	Numeric	151
346	VEHICLE FACTOR2	2	Numeric	152
347	VEHICLE FACTOR3	2	Numeric	152
348	VEHICLE FACTOR4	2	Numeric	153
349	VEHICLE FACTOR5	2	Numeric	153
350	VEHICLE MANEUVER1	2	Numeric	153

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
351	VEHICLE MANEUVER2	2	Numeric	154
352	CRASH TYPE	2	Numeric	154
353	FIRST HARMFUL EVENT	2	Numeric	157
354	MOST HARMFUL EVENT	2	Numeric	160
355	SPEED RELATED	1	Numeric	161
356	HAZ MATERIAL CLASS NUM	2	Numeric	161
357	HAZ MATERIAL ID	5	Numeric	162
358	HAZ MATERIAL INVOLVED	1	Numeric	162
359	HAZ MATERIAL PLACARD	1	Numeric	162
360	HAZ MATERIAL RELEASE	2	Numeric	162
361	MOTOR CARRIER STATE	2	Numeric	163
362	MOTOR CARRIER ID NUMBER	9	Alphabetic	164
363	MOTOR CARRIER ID NUMBER	11	Alphabetic	165
364	BUS USE	2	Numeric	165
365	GROSS WEIGHT RATING-GVWR	1	Numeric	166
366	NUMBER OF DEATHS IN VEH	2	Numeric	166
367	VIN AUTO MODEL	3	Alphabetic	166
368	VIN MAKE	4	Alphabetic	166
369	VIN MODEL YEAR	4	Numeric	167
370	VIN VEHICLE TYPE	1	Numeric	167
371	VIN BODY TYPE	2	Alphabetic	168
372	VIN AUTO WEIGHT	4	Numeric	170
373	VIN AUTO WHEELBASE SHORT	4	Numeric	171
374	VIN AUTO WHEELBASE LONG	4	Numeric	171
375	VIN VEHICLE FUEL CODE	2	Numeric	171
376	VIN TRUCK WEIGHT CODE	1	Numeric	172
377	VIN TRUCK SERIES	3	Alphabetic	172
378	VIN MOTORCYCLE DSPLACMNT	4	Numeric	172
379	LENGTH OF VIN	2	Numeric	172
380	PRE-EVENT MOVEMENT	2	Numeric	173
381	CRITICAL PRECRASH EVENT	2	Numeric	173
382	ATTEMPTED AVOID MANEUVER	2	Numeric	175
383	PRE-IMPACT STABILITY	1	Numeric	175
384	PRE-IMPACT LOCATION	1	Numeric	176
385	NUMBER OF TRAVEL LANES	2	Numeric	176
386	ROADWAY SURFACE TYPE	1	Numeric	177
387	ROADWAY PROFILE	1	Numeric	177
388	SPEED LIMIT	2	Numeric	178
389	ROADWAY SURFACE CONDITION	2	Numeric	178
390	TRAFFIC CONTROL DEVICE	2	Numeric	179
391	TRAFFIC CONT FUNCTIONING	1	Numeric	180
392	TRAFFICWAY DESCRIPTION	1	Numeric	180
393	ROADWAY ALIGNMENT	1	Numeric	181
394	NUMBER UNINJURED IN VEH	2	Numeric	181
395	NUMBER C-INJURED IN VEH	2	Numeric	181
396	NUMBER B-INJURED IN VEH	2	Numeric	182
397	NUMBER A-INJURED IN VEH	2	Numeric	182
398	NUMBER K-INJURED IN VEH	2	Numeric	182
399	NUM UNK INJURED IN VEH	2	Numeric	183

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Vehicle Auxiliary

Variable Number	Variable Name	Width	Storage Type	Page Number
400	AUX: VEHICLE BODY TYPE	1	Numeric	185
401	AUX: CDL STATUS	1	Numeric	185
402	AUX: DISTRACTED DRIVER	1	Numeric	185
403	AUX: DROWSY DRIVER	1	Numeric	186
404	AUX: INITIAL IMPACT POINT	1	Numeric	186
405	AUX: PRINCIPAL IMPACT PNT	1	Numeric	186
406	AUX: LICENSE COMPLIANCE	1	Numeric	187
407	AUX: LICENSE STATUS	1	Numeric	187
408	AUX: MOTORCYCLE LIC STAT	1	Numeric	187
409	AUX: MODEL YEAR	4	Numeric	187
410	AUX: SCHOOL BUS	1	Numeric	188
411	AUX: SPEEDING VEHICLE	1	Numeric	188
412	AUX: ROLLOVER	1	Numeric	188

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
413	CASE STATE	2	Numeric	189
414	CASE NUMBER	4	Numeric	189
415	SEQUENCE NUMBER	1	Numeric	189
416	VEHICLE NUMBER	2	Numeric	189
417	RECORD TYPE	1	Numeric	190
418	PERSON NUMBER	2	Numeric	190
419	DRIVER PRESENCE	1	Numeric	190
420	DRIVER DRINKING	1	Numeric	190
421	DRIVER'S LICENSE STATE	2	Numeric	191
422	NON-CDL LICENSE TYPE	1	Numeric	192
423	NON-CDL LICENSE STATUS	1	Numeric	192
424	CDL LICENSE STATUS	2	Numeric	193
425	LICENSE ENDORSEMENTS	1	Numeric	193
426	LICENSE CLASS COMPLIANCE	1	Numeric	194
427	LICENSE RESTRICTIONS MET	1	Numeric	194
428	VIOLATIONS CHARGED #1	2	Numeric	194
429	VIOLATIONS CHARGED #2	2	Numeric	197
430	VIOLATIONS CHARGED #3	2	Numeric	198
431	VIOLATIONS CHARGED #4	2	Numeric	200
432	VIOLATIONS CHARGED #5	2	Numeric	201
433	VIOLATIONS CHARGED #6	2	Numeric	202
434	VIOLATIONS CHARGED #7	2	Numeric	203
435	VIOLATIONS CHARGED #8	2	Numeric	204
436	NUMBER OF PREV CRASHES	2	Numeric	204
437	NUMBER PREV SUSPENSIONS	2	Numeric	205
438	NUMBER OF PREV DWI CONV	2	Numeric	205
439	NUM PREV SPEEDING CONV	2	Numeric	206
440	NUM PREV OTHER MV CONV	2	Numeric	206
441	LAST CRASH - MONTH	2	Numeric	207
442	LAST CRASH - YEAR	4	Numeric	207
443	FIRST CRASH - MONTH	2	Numeric	207
444	FIRST CRASH - YEAR	4	Numeric	208
445	DRIVER'S ZIP CODE	5	Numeric	208
446	DRIVER RELATED FACTORS#1	2	Numeric	209
447	DRIVER RELATED FACTORS#2	2	Numeric	212
448	DRIVER RELATED FACTORS#3	2	Numeric	214
449	DRIVER RELATED FACTORS#4	2	Numeric	216
450	DRIVER VISION OBSCURED1	2	Numeric	217
451	DRIVER VISION OBSCURED2	2	Numeric	217
452	DRIVER VISION OBSCURED3	2	Numeric	218
453	DRIVER IMPAIRMENT1	2	Numeric	218
454	DRIVER IMPAIRMENT2	2	Numeric	219
455	DRIVER IMPAIRMENT3	2	Numeric	219
456	DRIVER DISTRACTION 1	2	Numeric	220
457	DRIVER DISTRACTION 2	2	Numeric	220
458	DRIVER DISTRACTION 3	2	Numeric	221
459	DRIVER WEIGHT	3	Numeric	221
460	DRIVER HEIGHT - INCHES	3	Numeric	221



FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Vehicle Events

Variable Number	Variable Name	Width	Storage Type	Page Number
461	V1: EVENT	2	Numeric	223
462	V1: IMPACT AREA (THIS)	2	Numeric	224
463	V1: IMPACT AREA (OTHER)	2	Numeric	225
464	V1: VEH NUMBER (THIS)	2	Numeric	226
465	V1: VEH NUMBER (OTHER)	4	Numeric	226
466	V1: CRASH EVENT NUMBER	2	Numeric	226
467	V2: EVENT	2	Numeric	227
468	V2: IMPACT AREA (THIS)	2	Numeric	229
469	V2: IMPACT AREA (OTHER)	2	Numeric	229
470	V2: VEH NUMBER (THIS)	2	Numeric	230
471	V2: VEH NUMBER (OTHER)	4	Numeric	230
472	V2: CRASH EVENT NUMBER	2	Numeric	231
473	V3: EVENT	2	Numeric	231
474	V3: IMPACT AREA (THIS)	2	Numeric	233
475	V3: IMPACT AREA (OTHER)	2	Numeric	234
476	V3: VEH NUMBER (THIS)	2	Numeric	234
477	V3: VEH NUMBER (OTHER)	4	Numeric	235
478	V3: CRASH EVENT NUMBER	2	Numeric	235
479	V4: EVENT	2	Numeric	236
480	V4: IMPACT AREA (THIS)	2	Numeric	237
481	V4: IMPACT AREA (OTHER)	2	Numeric	238
482	V4: VEH NUMBER (THIS)	2	Numeric	239
483	V4: VEH NUMBER (OTHER)	4	Numeric	239
484	V4: CRASH EVENT NUMBER	2	Numeric	239
485	V5: EVENT	2	Numeric	240
486	V5: IMPACT AREA (THIS)	2	Numeric	241
487	V5: IMPACT AREA (OTHER)	2	Numeric	242
488	V5: VEH NUMBER (THIS)	2	Numeric	243
489	V5: VEH NUMBER (OTHER)	4	Numeric	243
490	V5: CRASH EVENT NUMBER	2	Numeric	243
491	V6: EVENT	2	Numeric	244
492	V6: IMPACT AREA (THIS)	2	Numeric	245
493	V6: IMPACT AREA (OTHER)	2	Numeric	246
494	V6: VEH NUMBER (THIS)	2	Numeric	247
495	V6: VEH NUMBER (OTHER)	4	Numeric	247
496	V6: CRASH EVENT NUMBER	2	Numeric	247
497	V7: EVENT	2	Numeric	248
498	V7: IMPACT AREA (THIS)	2	Numeric	249
499	V7: IMPACT AREA (OTHER)	2	Numeric	250
500	V7: VEH NUMBER (THIS)	2	Numeric	250
501	V7: VEH NUMBER (OTHER)	4	Numeric	251
502	V7: CRASH EVENT NUMBER	2	Numeric	251
503	V8: EVENT	2	Numeric	252
504	V8: IMPACT AREA (THIS)	2	Numeric	253
505	V8: IMPACT AREA (OTHER)	2	Numeric	254
506	V8: VEH NUMBER (THIS)	2	Numeric	254
507	V8: VEH NUMBER (OTHER)	4	Numeric	255
508	V8: CRASH EVENT NUMBER	2	Numeric	255
509	V9: EVENT	2	Numeric	255
510	V9: IMPACT AREA (THIS)	2	Numeric	257

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Vehicle Events

Variable Number	Variable Name	Width	Storage Type	Page Number
511	V9: IMPACT AREA (OTHER)	2	Numeric	257
512	V9: VEH NUMBER (THIS)	2	Numeric	258
513	V9: VEH NUMBER (OTHER)	4	Numeric	258
514	V9: CRASH EVENT NUMBER	2	Numeric	259
515	V10: EVENT	2	Numeric	259
516	V10: IMPACT AREA (THIS)	2	Numeric	260
517	V10: IMPACT AREA (OTHER)	2	Numeric	261
518	V10: VEH NUMBER (THIS)	2	Numeric	261
519	V10: VEH NUMBER (OTHER)	4	Numeric	261
520	V10: CRASH EVENT NUMBER	2	Numeric	262
521	V11: EVENT	2	Numeric	262
522	V11: IMPACT AREA (THIS)	2	Numeric	263
523	V11: IMPACT AREA (OTHER)	2	Numeric	264
524	V11: VEH NUMBER (THIS)	2	Numeric	264
525	V11: VEH NUMBER (OTHER)	4	Numeric	265
526	V11: CRASH EVENT NUMBER	2	Numeric	265
527	V12: EVENT	2	Numeric	265
528	V12: IMPACT AREA (THIS)	2	Numeric	266
529	V12: IMPACT AREA (OTHER)	2	Numeric	267
530	V12: VEH NUMBER (THIS)	2	Numeric	267
531	V12: VEH NUMBER (OTHER)	4	Numeric	268
532	V12: CRASH EVENT NUMBER	2	Numeric	268
533	V13: EVENT	2	Numeric	268
534	V13: IMPACT AREA (THIS)	2	Numeric	269
535	V13: IMPACT AREA (OTHER)	2	Numeric	270
536	V13: VEH NUMBER (THIS)	2	Numeric	270
537	V13: VEH NUMBER (OTHER)	4	Numeric	270
538	V13: CRASH EVENT NUMBER	2	Numeric	271
539	V14: EVENT	2	Numeric	271
540	V14: IMPACT AREA (THIS)	2	Numeric	272
541	V14: IMPACT AREA (OTHER)	2	Numeric	272
542	V14: VEH NUMBER (THIS)	2	Numeric	273
543	V14: VEH NUMBER (OTHER)	4	Numeric	273
544	V14: CRASH EVENT NUMBER	2	Numeric	273
545	V15: EVENT	2	Numeric	274
546	V15: IMPACT AREA (THIS)	2	Numeric	274
547	V15: IMPACT AREA (OTHER)	2	Numeric	274
548	V15: VEH NUMBER (THIS)	2	Numeric	275
549	V15: VEH NUMBER (OTHER)	4	Numeric	275
550	V15: CRASH EVENT NUMBER	2	Numeric	276
551	V16: EVENT	2	Numeric	276
552	V16: IMPACT AREA (THIS)	2	Numeric	276
553	V16: IMPACT AREA (OTHER)	2	Numeric	277
554	V16: VEH NUMBER (THIS)	2	Numeric	277
555	V16: VEH NUMBER (OTHER)	4	Numeric	277
556	V16: CRASH EVENT NUMBER	2	Numeric	278
557	V17: EVENT	2	Numeric	278
558	V17: IMPACT AREA (THIS)	2	Numeric	278
559	V17: IMPACT AREA (OTHER)	2	Numeric	279
560	V17: VEH NUMBER (THIS)	2	Numeric	279

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Vehicle Events

Variable Number	Variable Name	Width	Storage Type	Page Number
561	V17: VEH NUMBER (OTHER)	4	Numeric	279
562	V17: CRASH EVENT NUMBER	2	Numeric	280
563	V18: EVENT	2	Numeric	280
564	V18: IMPACT AREA (THIS)	2	Numeric	280
565	V18: IMPACT AREA (OTHER)	2	Numeric	281
566	V18: VEH NUMBER (THIS)	2	Numeric	281
567	V18: VEH NUMBER (OTHER)	4	Numeric	281
568	V18: CRASH EVENT NUMBER	2	Numeric	282
569	V19: EVENT	2	Numeric	282
570	V19: IMPACT AREA (THIS)	2	Numeric	282
571	V19: IMPACT AREA (OTHER)	2	Numeric	283
572	V19: VEH NUMBER (THIS)	2	Numeric	283
573	V19: VEH NUMBER (OTHER)	4	Numeric	283
574	V19: CRASH EVENT NUMBER	2	Numeric	284
575	V20: EVENT	2	Numeric	284
576	V20: IMPACT AREA (THIS)	2	Numeric	284
577	V20: IMPACT AREA (OTHER)	2	Numeric	284
578	V20: VEH NUMBER (THIS)	2	Numeric	285
579	V20: VEH NUMBER (OTHER)	4	Numeric	285
580	V20: CRASH EVENT NUMBER	2	Numeric	285



FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
601	CASE STATE	2	Numeric	287
602	CASE NUMBER	4	Numeric	287
603	SEQUENCE NUMBER	1	Numeric	287
604	VEHICLE NUMBER	2	Numeric	287
605	RECORD TYPE	1	Numeric	288
606	OCCUPANT NUMBER	2	Numeric	288
607	NUM VEHICLE STRIKING NMT	2	Numeric	288
608	OCCUPANT AGE	3	Numeric	288
609	OCCUPANT SEX	1	Numeric	289
610	OCCUPANT TYPE	2	Numeric	289
611	OCC SEATING POSITION	2	Numeric	289
612	RESTRAINT SYS/HELMET USE	2	Numeric	290
613	RESTRAINT SYSTEM MISUSE	1	Numeric	290
614	AIR BAG DEPLOYED	2	Numeric	291
615	OCCUPANT EJECTION	1	Numeric	291
616	EJECTION PATH	1	Numeric	292
617	OCCUPANT EXTRICATION	1	Numeric	292
618	LOCATION	2	Numeric	292
619	OCC ALCOHOL INVOLVEMENT	1	Numeric	292
620	OCC METHOD ALC DETERMIN	1	Numeric	293
621	ALCOHOL TEST STATUS	1	Numeric	293
622	ALCOHOL TEST TYPE	2	Numeric	293
623	OCC ALCOHOL TEST RESULT	2	Numeric	294
624	DRUG INVOLVEMENT	1	Numeric	294
625	DRUG DETERMINATION	1	Numeric	295
626	DRUG TEST STATUS	1	Numeric	295
627	DRUG TEST TYPE #1	1	Numeric	295
628	DRUG TEST RESULTS #1	3	Numeric	296
629	DRUG TEST TYPE #2	1	Numeric	297
630	DRUG TEST RESULTS #2	3	Numeric	297
631	DRUG TEST TYPE #3	1	Numeric	298
632	DRUG TEST RESULTS #3	3	Numeric	298
633	OCCUPANT INJURY SEVERITY	1	Numeric	299
634	OCC TAKEN TO HOSPITAL BY	1	Numeric	300
635	DIED AT SCENE / EN ROUTE	1	Numeric	300
636	OCC DEATH DATE - MONTH	2	Numeric	300
637	OCC DEATH DATE - DAY	2	Numeric	301
638	OCC DEATH DATE - YEAR	4	Numeric	301
639	OCC DEATH TIME - HOURS	2	Numeric	301
640	OCC DEATH TIME - MINUTES	2	Numeric	302
641	LAG TIME ACC/DEATH - HRS	3	Numeric	302
642	LAG TIME ACC/DEATH - MIN	2	Numeric	303
643	OCC RELATED FACTORS #1	2	Numeric	303
644	OCC RELATED FACTORS #2	2	Numeric	305
645	OCC RELATED FACTORS #3	2	Numeric	305
646	OCC DEATH CERTIFICATE	12	Alphabetic	306
647	OCC FATAL INJURY AT WORK	1	Numeric	306
648	RACE	2	Numeric	306
649	HISPANIC ORIGIN	2	Numeric	307

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Person Auxiliary

Variable Number	Variable Name	Width	Storage Type	Page Number
650	AUX: AGE GROUP 1	2	Numeric	309
651	AUX: AGE GROUP 2	2	Numeric	309
652	AUX: AGE GROUP 3	2	Numeric	309
653	AUX: AGE GROUP 4	2	Numeric	310
654	AUX: AGE GROUP 5	2	Numeric	310
655	AUX: AGE GROUP 6	2	Numeric	311
656	AUX: AGE GROUP 7	2	Numeric	311
657	AUX: AGE GROUP 8	2	Numeric	311
658	AUX: AGE GROUP 9	2	Numeric	312
659	AUX: ALCOHOL TESTING	1	Numeric	312
660	AUX: EJECTION	1	Numeric	312
661	AUX: HISPANIC ORIGIN	1	Numeric	312
662	AUX: RACE AND HISPANIC	1	Numeric	313
663	AUX:NONMOTORIST LOCATION	1	Numeric	313
664	AUX: PERSON INJURY TYPE	1	Numeric	313
665	AUX: PERSON TYPE	1	Numeric	313
666	AUX: RACE	1	Numeric	314
667	AUX: RESTRAINT USE	1	Numeric	314

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
701	CASE STATE	2	Numeric	315
702	CASE NUMBER	4	Numeric	315
703	SEQUENCE NUMBER	1	Numeric	315
704	VEHICLE NUMBER	2	Numeric	315
705	RECORD TYPE	1	Numeric	316
706	NONMOTORIST NUMBER	2	Numeric	316
707	NUM VEHICLE STRIKING NMT	2	Numeric	316
708	NONMOTORIST AGE	3	Numeric	316
709	NONMOTORIST SEX	1	Numeric	317
710	NONMOTORIST TYPE	2	Numeric	317
711	NMT SEATING POSITION	2	Numeric	317
712	NMT RESTRNTSYS/HELMT USE	2	Numeric	318
713	NONMOTORIST AIR BAG	2	Numeric	318
714	NONMOTORIST EJECTION	1	Numeric	318
715	NMT EJECTION PATH	1	Numeric	318
716	NONMOTORIST EXTRICATION	1	Numeric	319
717	NONMOTORIST LOCATION	2	Numeric	319
718	NMTR ALCOHOL INVOLVEMENT	1	Numeric	319
719	NMTR METH ALC DETERMINAT	1	Numeric	320
720	ALCOHOL TEST STATUS	1	Numeric	320
721	NMTR ALCOHOL TEST TYPE	2	Numeric	320
722	NMTR ALCOHOL TEST RESULT	2	Numeric	321
723	NMT DRUG INVOLVEMENT	1	Numeric	321
724	NMT DRUG DETERMINATION	1	Numeric	321
725	NMT DRUG TEST STATUS	1	Numeric	322
726	NMT DRUG TEST TYPE #1	1	Numeric	322
727	NMT DRUG TEST RESULTS #1	3	Numeric	322
728	NMT DRUG TEST TYPE #2	1	Numeric	323
729	NMT DRUG TEST RESULTS #2	3	Numeric	324
730	NMT DRUG TEST TYPE #3	1	Numeric	325
731	NMT DRUG TEST RESULTS #3	3	Numeric	325
732	NMT INJURY SEVERITY	1	Numeric	326
733	NMT TAKEN TO HOSPITAL BY	1	Numeric	326
734	DIED AT SCENE / EN ROUTE	1	Numeric	327
735	NMT DEATH DATE - MONTH	2	Numeric	327
736	NMT DEATH DATE - DAY	2	Numeric	328
737	NMT DEATH DATE - YEAR	4	Numeric	328
738	NMT DEATH TIME - HOURS	2	Numeric	328
739	NMT DEATH TIME - MINUTE	2	Numeric	329
740	LAG TIME ACC/DEATH - HRS	3	Numeric	329
741	LAG TIME ACC/DEATH - MIN	2	Numeric	329
742	NMT RELATED FACTORS #1	2	Numeric	330
743	NMT RELATED FACTORS #2	2	Numeric	331
744	NMT RELATED FACTORS #3	2	Numeric	332
745	NMT DEATH CERTIFICATE	12	Alphabetic	333
746	NMT FATAL INJ AT WORK	1	Numeric	333
747	NMT RACE	2	Numeric	333
748	NMT HISPANIC ORIGIN	2	Numeric	334
749	NMT STRIKING VEH DIRECTI	1	Numeric	334
750	NMT STRIKING VEH MANEUVE	1	Numeric	334

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
751	NMT ACTION 1	2	Numeric	335
752	NMT ACTION 2	2	Numeric	336
753	NMT ACTION 3	2	Numeric	336
754	NMT ACTION 4	2	Numeric	337
755	NMT ACTION 5	2	Numeric	337
756	NMT ACTION 6	2	Numeric	337
757	NMT IMPAIRMENT 1	2	Numeric	338
758	NMT IMPAIRMENT 2	2	Numeric	338
759	NMT IMPAIRMENT 3	2	Numeric	338
760	NMT PRIOR ACTION 1	2	Numeric	339
761	NMT PRIOR ACTION 2	2	Numeric	339
762	NMT PRIOR ACTION 3	2	Numeric	340
763	NMT PRIOR ACTION 4	2	Numeric	340
764	NMT SAFETY EQUIP 1	1	Numeric	340
765	NMT SAFETY EQUIP 2	1	Numeric	341
766	NMT SAFETY EQUIP 3	1	Numeric	341
767	NMT SAFETY EQUIP 4	1	Numeric	341
768	NMT PED/BIKE TYPE	2	Numeric	341
769	NMT CROSSWALK (Y/N)	1	Numeric	342
770	NMT SIDESWALK (Y/N)	1	Numeric	342
771	NMT SCHOOL ZONE (Y/N)	1	Numeric	342
772	PEDESTRIAN CRASH TYPE	3	Numeric	343
773	PEDESTRIAN CRASH GROUP	3	Numeric	344
774	PEDESTRIAN DIRECTION	1	Numeric	344
775	PED INTERSECTION LEG	1	Numeric	345
776	PEDESTRIAN LOCATION	1	Numeric	345
777	PEDESTRIAN POSITION	2	Numeric	345
778	PEDESTRIAN SCENARIO	3	Alphabetic	346
779	BICYCLIST CRASH TYPE	3	Numeric	348
780	BICYCLIST CRASH GROUP	3	Numeric	350
781	BICYCLIST DIRECTION	1	Numeric	350
782	BICYCLIST LOCATION	1	Numeric	351
783	BICYCLIST POSITION	2	Numeric	351



FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist Auxiliary

Variable Number	Variable Name	Width	Storage Type	Page Number
784	AUX: NMT AGE GROUP 1	2	Numeric	353
785	AUX: NMT AGE GROUP 2	2	Numeric	353
786	AUX: NMT AGE GROUP 3	2	Numeric	353
787	AUX: NMT AGE GROUP 4	2	Numeric	354
788	AUX: NMT AGE GROUP 5	2	Numeric	354
789	AUX: NMT AGE GROUP 6	2	Numeric	355
790	AUX: NMT AGE GROUP 7	2	Numeric	355
791	AUX: NMT AGE GROUP 8	2	Numeric	355
792	AUX: NMT AGE GROUP 9	2	Numeric	356
793	AUX: NMT ALCOHOL TESTING	1	Numeric	356
794	AUX: NMT EJECTION	1	Numeric	356
795	AUX: NMT HISPANIC ORIGIN	1	Numeric	356
796	AUX:NMT RACE & HISPANIC	1	Numeric	357
797	AUX:NONMOTORIST LOCATION	1	Numeric	357
798	AUX: NMT PERSON INJ TYPE	1	Numeric	357
799	AUX: NMT PERSON TYPE	1	Numeric	358
800	AUX: NMT RACE	1	Numeric	358
801	AUX: NMT RESTRAINT USE	1	Numeric	358



FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident

Page 1

The ACCIDENT Variables

Variables 1 through 219 describe the crash. They are included in the Accident, Vehicle, Occupant and Nonmotorist data sets. The Accident data set includes these variables and no others.

Variable 1	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

3Nov2011 Prcnt Code Value and Description

792	2.6	1	Alabama
52	0.2	2	Alaska
698	2.3	4	Arizona
509	1.7	5	Arkansas
2500	8.3	6	California
409	1.4	8	Colorado
298	1.0	9	Connecticut
92	0.3	10	Delaware
24	0.1	11	District of Columbia
2262	7.5	12	Florida
1148	3.8	13	Georgia
109	0.4	15	Hawaii
185	0.6	16	Idaho
858	2.8	17	Illinois
701	2.3	18	Indiana
348	1.2	19	Iowa
376	1.2	20	Kansas
694	2.3	21	Kentucky
633	2.1	22	Louisiana
144	0.5	23	Maine
461	1.5	24	Maryland
299	1.0	25	Massachusetts
873	2.9	26	Michigan
364	1.2	27	Minnesota
581	1.9	28	Mississippi
776	2.6	29	Missouri
161	0.5	30	Montana
166	0.5	31	Nebraska
235	0.8	32	Nevada
120	0.4	33	New Hampshire
530	1.8	34	New Jersey
314	1.0	35	New Mexico
1127	3.7	36	New York
1217	4.0	37	North Carolina
92	0.3	38	North Dakota
984	3.3	39	Ohio
616	2.0	40	Oklahoma
292	1.0	41	Oregon
1208	4.0	42	Pennsylvania

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident

Variable 1: CASE STATE (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	43	Puerto Rico
64	0.2	44	Rhode Island
752	2.5	45	South Carolina
124	0.4	46	South Dakota
957	3.2	47	Tennessee
2728	9.0	48	Texas
202	0.7	49	Utah
63	0.2	50	Vermont
689	2.3	51	Virginia
0	0.0	52	Virgin Islands
420	1.4	53	Washington
282	0.9	54	West Virginia
528	1.7	55	Wisconsin
139	0.5	56	Wyoming

Variable 2	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST\_CASE

Case Number Assigned within States

3Nov2011 Prcnt Code Value and Description

1	
-	Case number
9999	

Variable 3	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

30196	100.0	0	Sequence number 0
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Variable 4	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH\_NO

3Nov2011 Prcnt Code Value and Description

30196	100.0	0	No vehicle number for this record type
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FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident

Page 3

Variable 5	RECORD TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LEVEL

3Nov2011	Prcnt	Code	Value and Description
30196	100.0	1	Accident Record

Variable 6	PERSON NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PER\_NO

3Nov2011	Prcnt	Code	Value and Description
30196	100.0	0	No person number for this record type

Variable 7	CITY	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - CITY

City - GSA Geographic Location Code

3Nov2011	Prcnt	Code	Value and Description
16206	53.7	0	Not applicable
3	0.0	1	
		-	GSA code
1	0.0	9993	
83	0.3	9997	Other
1	0.0	9998	Not reported
13	0.0	9999	Unknown

Variable 8	COUNTY	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - COUNTY

County - GSA Geographic Location Code

3Nov2011	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
595	2.0	1	
		-	GSA code
3	0.0	820	
0	0.0	997	Other
0	0.0	999	Unknown

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Accident

<hr/> Variable 9 <hr/>	<hr/> CRASH DATE - MONTH <hr/>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - MONTH

3Nov2011	Prcnt	Code	Value	and Description
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2094	6.9	1	January
1823	6.0	2	February
2202	7.3	3	March
2543	8.4	4	April
2702	8.9	5	May
2565	8.5	6	June
2848	9.4	7	July
2813	9.3	8	August
2793	9.2	9	September
2821	9.3	10	October
2574	8.5	11	November
2418	8.0	12	December

<hr/> Variable 10 <hr/>	<hr/> CRASH DATE - DAY <hr/>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - DAY

3Nov2011	Prcnt	Code	Value	and Description
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1045	3.5	1	
		-	Day of month
588	1.9	31	

<hr/> Variable 11 <hr/>	<hr/> CRASH DATE - YEAR <hr/>	Width: 4	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - YEAR

3Nov2011	Prcnt	Code	Value	and Description
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30196	100.0	2010	2010
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<hr/> Variable 12 <hr/>	<hr/> CRASH TIME - HOUR <hr/>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - HOUR

3Nov2011	Prcnt	Code	Value	and Description
----------	-------	------	-------	-----------------

1177	3.9	0	12:00 am - 12:59 am
1218	4.0	1	1:00 am - 1:59 am
1374	4.6	2	2:00 am - 2:59 am

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Variable 12: CRASH TIME - HOUR (Continued)

3Nov2011 Prcnt Code Value and Description

949	3.1	3	3:00 am - 3:59 am
713	2.4	4	4:00 am - 4:59 am
855	2.8	5	5:00 am - 5:59 am
1024	3.4	6	6:00 am - 6:59 am
1066	3.5	7	7:00 am - 7:59 am
856	2.8	8	8:00 am - 8:59 am
886	2.9	9	9:00 am - 9:59 am
984	3.3	10	10:00 am - 10:59 am
1096	3.6	11	11:00 am - 11:59 am
1206	4.0	12	12:00 pm - 12:59 pm
1333	4.4	13	1:00 pm - 1:59 pm
1406	4.7	14	2:00 pm - 2:59 pm
1564	5.2	15	3:00 pm - 3:59 pm
1633	5.4	16	4:00 pm - 4:59 pm
1670	5.5	17	5:00 pm - 5:59 pm
1711	5.7	18	6:00 pm - 6:59 pm
1599	5.3	19	7:00 pm - 7:59 pm
1496	5.0	20	8:00 pm - 8:59 pm
1488	4.9	21	9:00 pm - 9:59 pm
1359	4.5	22	10:00 pm - 10:59 pm
1305	4.3	23	11:00 pm - 11:59 pm
228	0.8	99	Unknown

---

Variable 13	CRASH TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - MINUTE

3Nov2011 Prcnt Code Value and Description

1674	5.5	0	
		-	Minute
303	1.0	59	
231	0.8	99	Unknown

---

Variable 14	NUMBER OF VEHICLE FORMS	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - VE\_FORMS

Number of Motor Vehicles In-Transport Involved in the Crash

3Nov2011 Prcnt Code Value and Description

18156	60.1	1	
		-	Number submitted
2	0.0	15	

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<u>Variable 15</u>	<u>TOTAL # OF VEHICLE FORMS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - VE\_TOTAL

Number of Motor Vehicles Involved in the Crash including  
Not-In-Transport Vehicles

3Nov2011 Prcnt      Code Value and Description

17582	58.2	1	
		-	Number submitted
2	0.0	15	

<u>Variable 16</u>	<u>NUMBER OF PERSON FORMS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - PERSONS

Number of Persons Involved in the Crash

Does not include uninjured bus passengers and uninjured railway  
train occupants

3Nov2011 Prcnt      Code Value and Description

28	0.1	0	
12376	41.0	1	
		-	Number submitted
1	0.0	57	

<u>Variable 17</u>	<u>NUMBER OF PED/BIKE FORMS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - PEDS

Number of Pedestrian/Bicyclist Forms Submitted

Includes pedestrians and bicyclists but not occupants of a motor  
vehicle not-in-transport

3Nov2011 Prcnt      Code Value and Description

25152	83.3	0	No nonmotorist form submitted
4735	15.7	1	
		-	Number submitted
3	0.0	8	



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Variable 18	NATIONAL HIGHWAY SYSTEM	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - NHS

National Highway System (NHS) includes the entire Interstate System, and consists of principal arterial system routes and some Strategic Highway Network connectors functionally classified below principal arterial.

3Nov2011	Prcnt	Code	Value and Description
20718	68.6	0	This section is not on the NHS
9225	30.6	1	This section is on the NHS
253	0.8	9	Unknown if this section is on the NHS

Variable 19	ROADWAY FUNCTION CLASS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ROAD\_FNC

3Nov2011	Prcnt	Code	Value and Description
Rural			
1802	6.0	1	Principal arterial - interstate
3513	11.6	2	Principal arterial - other
2709	9.0	3	Minor arterial
3806	12.6	4	Major collector
1060	3.5	5	Minor collector
3306	10.9	6	Local road or street
96	0.3	9	Unknown rural
Urban			
1939	6.4	11	Principal arterial - interstate
1137	3.8	12	Principal arterial - other freeways or expressways
3972	13.2	13	Other principal arterial
2742	9.1	14	Minor arterial
1001	3.3	15	Collector
2802	9.3	16	Local road or street
15	0.0	19	Unknown urban
296	1.0	99	Unknown

Variable 20	ROUTE SIGNING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ROUTE

3Nov2011	Prcnt	Code	Value and Description
3630	12.0	1	Interstate
4716	15.6	2	U.S. highway



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Variable 24	SPECIAL JURISDICTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SP\_JUR

3Nov2011	Prcnt	Code	Value and Description
29897	99.0	0	No special jurisdiction (includes National Forests)
38	0.1	1	National Park Service
5	0.0	2	Military
231	0.8	3	American Indian reservation
3	0.0	4	College/University campus
2	0.0	5	Other Federal properties
4	0.0	8	Other (includes state parks)
16	0.1	9	Unknown

Variable 25	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HARM\_EV

First Event Causing Injury or Property Damage

3Nov2011	Prcnt	Code	Value and Description
2987	9.9	1	Rollover/overturn
9	0.0	2	Fire/explosion
39	0.1	3	Immersion
0	0.0	4	Gas inhalation
209	0.7	5	Fell/jumped from vehicle
8	0.0	6	Injured in vehicle (noncollision)
42	0.1	7	Other noncollision
3936	13.0	8	Pedestrian
610	2.0	9	Pedalcyclist
118	0.4	10	Railway vehicle
203	0.7	11	Live animal
11100	36.8	12	Motor vehicle in-transport
327	1.1	14	Parked motor vehicle (not in transport)
119	0.4	15	Nonmotorist on personal conveyance
18	0.1	16	Thrown or falling object
77	0.3	17	Boulder
140	0.5	18	Other object (not fixed)
57	0.2	19	Building
25	0.1	20	Impact attenuator/crash cushion
101	0.3	21	Bridge pier or support
101	0.3	23	Bridge rail (includes parapet)
823	2.7	24	Guardrail face
233	0.8	25	Concrete traffic barrier
35	0.1	26	Other traffic barrier
770	2.6	30	Utility pole / light support
287	1.0	31	Other post, other pole or other supports
392	1.3	32	Culvert
959	3.2	33	Curb
1134	3.8	34	Ditch

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## Variable 25:FIRST HARMFUL EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1010	3.3	35	Embankment
412	1.4	38	Fence
105	0.3	39	Wall
21	0.1	40	Fire hydrant
59	0.2	41	Shrubbery
2373	7.9	42	Tree (standing only)
243	0.8	43	Other fixed object
18	0.1	44	Pavement surface irregularity (pothole, grooved, grates)
19	0.1	45	Working motor vehicle (construction, maintenance or utility vehicles only)
29	0.1	46	Traffic signal support
23	0.1	48	Snow bank
13	0.0	49	Ridden animal or animal-drawn conveyance
12	0.0	50	Bridge overhead structure
11	0.0	51	Jackknife (harmful to this vehicle)
149	0.5	52	Guardrail end
283	0.9	53	Mail box
30	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
42	0.1	57	Cable barrier
88	0.3	58	Ground
355	1.2	59	Traffic sign support
6	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
0	0.0	98	Not reported
36	0.1	99	Unknown

The following list shows the code values given above grouped by collision type.

## Noncollision Event

- 1 Rollover/overturn
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Fell/jumped from vehicle
- 6 Injured in vehicle (noncollision)
- 16 Thrown or falling object
- 44 Pavement surface irregularity (ruts, pothole, grooved, grates)
- 51 Jackknife (harmful to this vehicle)
- 72 Cargo/equipment loss or shift (harmful to this vehicle)
- 7 Other noncollision

## Collision With Motor Vehicle

## Collision Involving Motor Vehicle In-Transport

- 12 Motor vehicle in-transport

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Variable 25:FIRST HARMFUL EVENT (Continued)

3Nov2011 Prcnt Code Value and Description

- 54 Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
- 55 Motor vehicle in motion outside the trafficway

Collision With Object Not Fixed

- 8 Pedestrian
- 15 Nonmotorist on personal conveyance
- 9 Pedalcycle
- 10 Railway train
- 11 Live animal
- 14 Parked motor vehicle (not in transport)
- 45 Working motor vehicle (construction, maintenance or utility vehicles only)
- 49 Ridden animal or animal-drawn conveyance
- 18 Other object (not fixed)

Collision With Fixed Object

- 17 Boulder
- 19 Building
- 58 Ground
- 20 Impact attenuator/crash cushion
- 50 Bridge overhead structure
- 21 Bridge pier or support
- 23 Bridge rail (includes parapet)
- 24 Guardrail face
- 52 Guardrail end
- 25 Concrete traffic barrier
- 57 Cable barrier
- 26 Other traffic barrier
- 59 Traffic sign support
- 46 Traffic signal support
- 30 Utility pole / light support
- 31 Other post, other pole or other supports
- 32 Culvert
- 33 Curb
- 34 Ditch
- 35 Embankment
- 38 Fence
- 39 Wall
- 40 Fire hydrant
- 41 Shrubbery
- 42 Tree (standing only)
- 43 Other fixed object
- 48 Snow bank
- 53 Mail box
- 43 Other fixed object

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<u>Variable 26</u>	<u>MANNER OF COLLISION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - MAN\_COLL

3Nov2011	Prcnt	Code	Value and Description
19054	63.1	0	Not a collision with a motor vehicle in-transport
1694	5.6	1	Front-to-rear
2848	9.4	2	Front-to-front
5624	18.6	6	Angle
448	1.5	7	Sideswipe - same direction
410	1.4	8	Sideswipe - opposite direction
27	0.1	9	Rear-to-side
3	0.0	10	Rear-to-rear
54	0.2	11	Other
10	0.0	98	Not reported
24	0.1	99	Unknown

<u>Variable 27</u>	<u>RELATION TO JUNCTION 1</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - REL\_JCT1

Relation to Junction: Within Interchange Area

3Nov2011	Prcnt	Code	Value and Description
28603	94.7	0	No
1383	4.6	1	Yes
207	0.7	8	Not reported
3	0.0	9	Unknown

<u>Variable 28</u>	<u>RELATION TO JUNCTION 2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - REL\_JCT2

Relation to Junction: Specific Location

3Nov2011	Prcnt	Code	Value and Description
0	0.0	0	None
21110	69.9	1	Nonjunction
5489	18.2	2	Intersection
1559	5.2	3	Intersection related
195	0.6	4	Driveway access
522	1.7	5	Entrance/exit ramp related
135	0.4	6	Rail grade crossing
51	0.2	7	Crossover-related
708	2.3	8	Driveway access related
3	0.0	16	Shared-use path or trail

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Variable 28:RELATION TO JUNCTION 2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
8	0.0	17	Acceleration/deceleration lane
242	0.8	18	Through roadway
102	0.3	19	Other location within interchange area
10	0.0	98	Not reported
62	0.2	99	Unknown

Variable 29	RELATION TO TRAFFICWAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REL\_ROAD

3Nov2011	Prcnt	Code	Value and Description
16905	56.0	1	On roadway
690	2.3	2	On shoulder
1371	4.5	3	On median
8537	28.3	4	On roadside
1401	4.6	5	Outside trafficway
954	3.2	6	Off roadway - location unknown
79	0.3	7	In parking lane/zone
102	0.3	8	Gore
80	0.3	10	Separator
14	0.0	11	Continuous left-turn lane
6	0.0	98	Not reported
57	0.2	99	Unknown

Variable 30	TYPE OF INTERSECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TYP\_INT

3Nov2011	Prcnt	Code	Value and Description
23253	77.0	1	Not an intersection
4190	13.9	2	Four-way intersection
2326	7.7	3	T-intersection
227	0.8	4	Y-intersection
1	0.0	5	Traffic circle
12	0.0	6	Roundabout
39	0.1	7	Five point, or more
41	0.1	8	Not reported
107	0.4	9	Unknown

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Variable 31	HIT AND RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

Derived from vehicle level; NHTSA SAS Variable - HIT\_RUN

3Nov2011 Prcnt      Code Value and Description

28867	95.6	0	No
1329	4.4	1	Yes

Variable 32	LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - LGT\_COND

3Nov2011 Prcnt      Code Value and Description

14849	49.2	1	Daylight
8218	27.2	2	Dark, not lighted
5389	17.8	3	Dark, lighted
596	2.0	4	Dawn
684	2.3	5	Dusk
317	1.0	6	Dark, unknown lighting
16	0.1	7	Other
17	0.1	8	Not reported
110	0.4	9	Unknown

Variable 33	ATMOSPHERIC CONDITION #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - WEATHER1

3Nov2011 Prcnt      Code Value and Description

0	0.0	0	No additional atmospheric condition
22944	76.0	1	Clear
1907	6.3	2	Rain
107	0.4	3	Sleet, hail (freezing rain or drizzle)
523	1.7	4	Snow
294	1.0	5	Fog, smog, smoke
41	0.1	6	Severe crosswinds
9	0.0	7	Blowing sand, soil, dirt
32	0.1	8	Other
4057	13.4	10	Cloudy
30	0.1	11	Blowing snow
47	0.2	98	Not reported
205	0.7	99	Unknown



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Variable 34	ATMOSPHERIC CONDITION #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - WEATHER2

3Nov2011	Prcnt	Code	Value and Description
29852	98.9	0	No additional atmospheric condition
22	0.1	1	Clear
95	0.3	2	Rain
18	0.1	3	Sleet, hail (freezing rain or drizzle)
17	0.1	4	Snow
28	0.1	5	Fog, smog, smoke
14	0.0	6	Severe crosswinds
4	0.0	7	Blowing sand, soil, dirt
5	0.0	8	Other
106	0.4	10	Cloudy
33	0.1	11	Blowing snow
0	0.0	98	Not reported
2	0.0	99	Unknown

Variable 35	WORK ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WRK\_ZONE

Identifies accidents that occurred in a construction or maintenance zone. Use of this code does not imply that the crash was caused by the construction/maintenance activity or zone.

3Nov2011	Prcnt	Code	Value and Description
29662	98.2	0	None
368	1.2	1	Construction
61	0.2	2	Maintenance
6	0.0	3	Utility
79	0.3	4	Work zone, type unknown
20	0.1	8	Not reported

Variable 36	EMS NOTIFIED - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NOT\_HOUR

3Nov2011	Prcnt	Code	Value and Description
623	2.1	0	12:00 am (midnight)
645	2.1	1	
		-	Hour
729	2.4	23	
2097	6.9	88	Not applicable (not notified)
10639	35.2	99	Unknown EMS notification time

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<u>Variable 37</u>	<u>EMS NOTIFIED - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NOT\_MIN

3Nov2011	Prcnt	Code	Value and Description
349	1.2	0	On hour
263	0.9	1	- Minute
249	0.8	59	
2097	6.9	88	Not applicable (not notified)
197	0.7	98	Unknown if notified
10445	34.6	99	Unknown EMS notification time

<u>Variable 38</u>	<u>EMS ARRIVAL - HOUR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ARR\_HOUR

3Nov2011	Prcnt	Code	Value and Description
598	2.0	0	12:00 am (midnight)
648	2.1	1	- Hour
722	2.4	23	
2097	6.9	88	Not applicable (not notified)
11080	36.7	99	Unknown EMS scene arrival time

<u>Variable 39</u>	<u>EMS ARRIVAL - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ARR\_MIN

3Nov2011	Prcnt	Code	Value and Description
403	1.3	0	On hour
263	0.9	1	- Minute
275	0.9	59	
2097	6.9	88	Not applicable (not notified)
27	0.1	97	Officially canceled
206	0.7	98	Unknown if arrived
10864	36.0	99	Unknown EMS scene arrival time

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Variable 40	EMS HOSPITAL - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HOSP\_HR

3Nov2011	Prcnt	Code	Value and Description
283	0.9	0	12:00 am (midnight)
289	1.0	1	- Hour
328	1.1	23	
9416	31.2	88	Not applicable (not transported)
12563	41.6	99	Unknown

Variable 41	EMS HOSPITAL - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HOSP\_MN

3Nov2011	Prcnt	Code	Value and Description
230	0.8	0	On hour
137	0.5	1	- Minute
138	0.5	59	
9416	31.2	88	Not applicable (not transported)
27	0.1	97	Officially canceled
52	0.2	98	Unknown if transported
12487	41.4	99	Unknown

Variable 42	SCHOOL BUS RELATED	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SCH\_BUS

Identifies crashes in which a school bus or motor vehicle functioning as a school bus is related to the crash.

3Nov2011	Prcnt	Code	Value and Description
30073	99.6	0	No
123	0.4	1	Yes

Variable 43	CRASH RELATED FACTORS #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CF1

Related Factors, Crash Level - Response #1

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## Variable 43: CRASH RELATED FACTORS #1 (Continued)

3Nov2011 Prcnt Code Value and Description

28707	95.1	0	None
6	0.0	1	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
25	0.1	2	Shoulder-related (design or condition)
46	0.2	3	Other construction-created condition
54	0.2	4	No or obscured pavement marking
26	0.1	5	Surface under water
9	0.0	6	Inadequate construction or poor design of roadway, bridge, etc.
2	0.0	7	Surface washed out (caved in, road slippage)
Special circumstances (unusual factors that occurred during the crash)			
7	0.0	13	Aggressive driving / Road rage by non-contact vehicle driver
406	1.3	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
30	0.1	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
27	0.1	16	Nonoccupant struck vehicle
4	0.0	17	Vehicle set-in-motion by nondriver
71	0.2	18	Date of crash and Date of EMS notification were not the same day
231	0.8	19	Recent previous crash scene nearby
296	1.0	20	Police pursuit involved
9	0.0	21	Within designated school zone
129	0.4	22	Speed limit is a statutory limit as recorded or was determined as this state's "basic rule"
89	0.3	23	Indication of a stalled/disabled vehicle
22	0.1	99	Unknown

---

Variable 44	CRASH RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - CF2

Related Factors, Crash Level - Response #2

3Nov2011 Prcnt Code Value and Description

30085	99.6	0	None
1	0.0	2	Shoulder design or condition
2	0.0	3	Other construction-created condition
3	0.0	4	No (or obscured) pavement marking
1	0.0	5	Surface under water

Variable 44: CRASH RELATED FACTORS #2 (Continued)

3Nov2011 Prcnt Code Value and Description

2 0.0 6 Inadequate construction or poor design of roadway,  
bridge, etc.

Special circumstances (unusual factors that occurred during the crash)

11 0.0 14 Motor vehicle struck by falling cargo, or something  
that came loose from, or something that was  
set-in-motion by a vehicle  
6 0.0 15 Nonoccupant struck by falling cargo or something that  
came loose from, or something that was set-in-motion by  
a vehicle  
1 0.0 16 Nonoccupant struck vehicle  
1 0.0 17 Vehicle set-in-motion by nondriver  
1 0.0 18 Date of crash and Date of EMS notification were not the  
same day  
18 0.1 19 Recent previous crash scene nearby  
12 0.0 20 Police pursuit involved  
4 0.0 22 Speed limit is a statutory limit as recorded or was  
determined as this state's "basic rule"  
26 0.1 23 Indication of a stalled/disabled vehicle  
22 0.1 99 Unknown

---

Variable 45	CRASH RELATED FACTORS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - CF3

Related Factors, Crash Level - Response #3

3Nov2011 Prcnt Code Value and Description

30169 99.9 0 None

Special circumstances (unusual factors that occurred during the crash)

2 0.0 14 Motor vehicle struck by falling cargo, or something  
that came loose from, or something that was  
set-in-motion by a vehicle  
1 0.0 19 Recent previous crash scene nearby  
1 0.0 22 Speed limit is a statutory limit as recorded or was  
determined as this state's "basic rule"  
1 0.0 23 Indication of a stalled/disabled vehicle  
22 0.1 99 Unknown

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Variable 46	RAIL GRADE CROSSING ID	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

## NHTSA SAS Variable - RAIL

Rail Grade Crossing Identifier - FRA Code

3Nov2011 Prcnt Code Value and Description

0000000	Not applicable
000000A	
-	FRA code
999999Z	
9999999	Unknown

Variable 47	LATITUDE	Width: 13	Type: Alphabetic
		Dec: None	Miss: None

## NHTSA SAS Variable - LATITUDE

The Global Position - Latitude - Decimal degrees (with implied 9 decimals)

3Nov2011 Prcnt Code Value and Description

777777777777	Not reported
888888888888	Not available (if exempt from entering this data)
999999999999	Unknown

Variable 48	LONGITUDE	Width: 13	Type: Alphabetic
		Dec: None	Miss: None

## NHTSA SAS Variable - LONGITUD

The Global Position - Longitude - Decimal degrees (with implied 9 decimals)

3Nov2011 Prcnt Code Value and Description

777777777777	Not reported
888888888888	Not available (if exempt from entering this data)
999999999999	Unknown

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Variable 49	NUM FATALITIES IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FATALS

Number of fatalities that occurred in the crash

3Nov2011    Prcnt    Code Value and Description

28005	92.7	1	1 killed
1836	6.1	2	2 killed
254	0.8	3	3 killed
72	0.2	4	4 killed
22	0.1	5	5 killed
5	0.0	6	6 killed
1	0.0	7	7 killed
1	0.0	11	11 killed

Variable 50	DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAY\_WEEK

3Nov2011    Prcnt    Code Value and Description

4792	15.9	1	Sunday
3789	12.5	2	Monday
3546	11.7	3	Tuesday
3709	12.3	4	Wednesday
3965	13.1	5	Thursday
4901	16.2	6	Friday
5494	18.2	7	Saturday

Variable 51	NUMBER DRINKING DRIVERS	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DRUNK\_DR

Number of drunk drivers involved in the fatal crash

3Nov2011    Prcnt    Code Value and Description

21042	69.7	0	0 drivers
8873	29.4	1	1 driver
273	0.9	2	2 drivers
7	0.0	3	3 drivers
1	0.0	4	4 drivers

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<u>Variable 52</u>	<u>ACCIDENT DATE - JULIAN</u>	Width: 5	Type: Numeric
		Dec: None	Miss: None

The julian accident date measured from March 1, 1900

UMTRI derived from crash date

3Nov2011 Prcnt      Code Value and Description

120	0.4	40119	January 1, 2010	-	
89	0.3	40483	December 31, 2010		

<u>Variable 53</u>	<u>NUMBER UNINJ IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number uninjured in crash

UMTRI derived from the person record - injury severity

3Nov2011 Prcnt      Code Value and Description

19464	64.5	0	0 uninjured		
7367	24.4	1	1 uninjured		
1992	6.6	2	2 uninjured		
722	2.4	3	3 uninjured		
342	1.1	4	4 uninjured		
195	0.6	5	5 uninjured		
		-			
1	0.0	21	21 uninjured		

<u>Variable 54</u>	<u>NUMBER C-INJ IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number C-injured in crash

UMTRI derived from the person record - injury severity

3Nov2011 Prcnt      Code Value and Description

26502	87.8	0	0 C-injured		
2591	8.6	1	1 C-injured		
701	2.3	2	2 C-injured		
233	0.8	3	3 C-injured		
82	0.3	4	4 C-injured		
38	0.1	5	5 C-injured		
		-			
1	0.0	49	49 C-injured		



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<u>Variable 55</u>	<u>NUMBER B-INJ IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number B-injured in crash

UMTRI derived from the person record - injury severity

3Nov2011 Prcnt Code Value and Description

23807	78.8	0	0 B-injured
4393	14.5	1	1 B-injured
1301	4.3	2	2 B-injured
411	1.4	3	3 B-injured
151	0.5	4	4 B-injured
71	0.2	5	5 B-injured
		-	
1	0.0	50	50 B-injured

<u>Variable 56</u>	<u>NUMBER A-INJ IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number A-injured in crash

UMTRI derived from the person record - injury severity

3Nov2011 Prcnt Code Value and Description

24383	80.7	0	0 A-injured
4048	13.4	1	1 A-injured
1106	3.7	2	2 A-injured
401	1.3	3	3 A-injured
157	0.5	4	4 A-injured
48	0.2	5	5 A-injured
		-	
1	0.0	26	26 A-injured

<u>Variable 57</u>	<u>NUMBER K-INJ IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number K-injured in crash

UMTRI derived from the person record - injury severity

3Nov2011 Prcnt Code Value and Description

28005	92.7	1	1 killed
1836	6.1	2	2 killed
254	0.8	3	3 killed
72	0.2	4	4 killed
22	0.1	5	5 killed
5	0.0	6	6 killed
1	0.0	7	7 killed

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Variable 57:NUMBER K-INJ IN CRASH (Continued)

3Nov2011 Prcnt Code Value and Description

1 0.0 11 11 killed

<u>Variable 58</u>	<u>NUM UNK INJ IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number unknown injured in crash

UMTRI derived from the person record - injury severity

3Nov2011 Prcnt Code Value and Description

29525	97.8	0	0 unknown injured
572	1.9	1	1 unknown injured
58	0.2	2	2 unknown injured
24	0.1	3	3 unknown injured
14	0.0	4	4 unknown injured
1	0.0	5	5 unknown injured
1	0.0	6	6 unknown injured
1	0.0	15	15 unknown injured

<u>Variable 59</u>	<u>ROLLOVER (Y/N)</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

UMTRI derived from vehicle sequence of events

3Nov2011 Prcnt Code Value and Description

20805	68.9	0	No
9391	31.1	1	Yes

<u>Variable 60</u>	<u>FIRE (Y/N)</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

UMTRI derived from vehicle sequence of events

3Nov2011 Prcnt Code Value and Description

29060	96.2	0	No
1136	3.8	1	Yes

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Variable 61	OFF ROAD RIGHT (Y/N)	Width: 1	Type: Numeric
		Dec: None	Miss: None

UMTRI derived from vehicle sequence of events

3Nov2011	Prcnt	Code	Value	Description
----------	-------	------	-------	-------------

18705	61.9	0	No
11491	38.1	1	Yes

Variable 62	OFF ROAD LEFT (Y/N)	Width: 1	Type: Numeric
		Dec: None	Miss: None

UMTRI derived from vehicle sequence of events

3Nov2011	Prcnt	Code	Value	Description
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21541	71.3	0	No
8655	28.7	1	Yes

Variable 63	CROSS CENTER LINE (Y/N)	Width: 1	Type: Numeric
		Dec: None	Miss: None

UMTRI derived from vehicle sequence of events

3Nov2011	Prcnt	Code	Value	Description
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23578	78.1	0	No
6618	21.9	1	Yes



The ACCIDENT AUXILIARY Variables

Variables 64 through 94 describe characteristics of the crash and are derived by NHTSA. They are included in the Vehicle, Occupant and Nonmotorist data sets.

Variable 64	AUX: CRASH INJURY TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_CRAINJ

3Nov2011	Prcnt	Code Value and Description
30196	100.0	1 Fatal crash (FARS)

Variable 65	AUX: CRASH TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_CT

3Nov2011	Prcnt	Code Value and Description
18156	60.1	1 Single-vehicle crash
10246	33.9	2 Two-vehicle crash
1794	5.9	3 More than two-vehicle crash

Variable 66	AUX: DRIVER AGE 15-19	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D15\_19

Involving a Young Driver (Aged 15-19)

3Nov2011	Prcnt	Code Value and Description
3398	11.3	1 Young driver involved crash (aged 15-19)
26798	88.7	2 Other crash

Variable 67	AUX: DRIVER AGE 15-20	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D15\_20

Involving a Young Driver (Aged 15-20)

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Variable 67:AUX: DRIVER AGE 15-20 (Continued)

3Nov2011 Prcnt      Code Value and Description

4423	14.6	1	Young driver involved crash (aged 15-20)
25773	85.4	2	Other crash

<u>Variable 68</u>	<u>AUX: DRIVER AGE 16-19</u>	Width: 1	Type: Numeric
		Dec:    None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D16\_19

Involving a Young Driver (Aged 16-19)

3Nov2011 Prcnt      Code Value and Description

3304	10.9	1	Young driver involved crash (aged 16-19)
26892	89.1	2	Other crash

<u>Variable 69</u>	<u>AUX: DRIVER AGE 16-20</u>	Width: 1	Type: Numeric
		Dec:    None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D16\_20

Involving a Young Driver (Aged 16-20)

3Nov2011 Prcnt      Code Value and Description

4331	14.3	1	Young driver involved crash (aged 16-20)
25865	85.7	2	Other crash

<u>Variable 70</u>	<u>AUX: DRIVER AGE 16-24</u>	Width: 1	Type: Numeric
		Dec:    None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D16\_24

Involving a Young Driver (Aged 16-24)

3Nov2011 Prcnt      Code Value and Description

8500	28.1	1	Young driver involved crash (aged 16-24)
21696	71.9	2	Other crash

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<u>Variable 71</u>	<u>AUX: DRIVER AGE 21-24</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D21\_24

Involving a Young Driver (Aged 21-24)

3Nov2011 Prcnt Code Value and Description

4419	14.6	1	Young driver involved crash (aged 21-24)
25777	85.4	2	Other crash

<u>Variable 72</u>	<u>AUX: DRIVER AGE 65+</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_D65PLS

Involving an Older Driver (Aged 65+)

3Nov2011 Prcnt Code Value and Description

5231	17.3	1	Older driver involved crash (aged 65+)
24965	82.7	2	Other crash

<u>Variable 73</u>	<u>AUX: DISTRACTED DRIVER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_DIST

Involving a Distracted Driver

3Nov2011 Prcnt Code Value and Description

2843	9.4	1	Involving a distracted driver
27353	90.6	2	Other crash

<u>Variable 74</u>	<u>AUX: DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_DOW

3Nov2011 Prcnt Code Value and Description

17650	58.5	1	Weekday
12490	41.4	2	Weekend
56	0.2	3	Unknown

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<hr/> Variable 75	<hr/> AUX: DROWSY DRIVER	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_DROWSY

Involving a Drowsy Driver

3Nov2011	Prcnt		Code	Value	and Description
	750	2.5	1		Involving a drowsy driver
	29446	97.5	2		Other crash

<hr/> Variable 76	<hr/> AUX: HIT AND RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_HR

Involving a Hit-and-Run

3Nov2011	Prcnt		Code	Value	and Description
	1329	4.4	1		Yes - Hit-and-run
	28867	95.6	2		No - Hit-and-run

<hr/> Variable 77	<hr/> AUX: INTERSTATE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_INTER

3Nov2011	Prcnt		Code	Value	and Description
	3741	12.4	1		Interstate
	26048	86.3	2		Non-interstate
	407	1.3	3		Unknown

<hr/> Variable 78	<hr/> AUX: INTERSECTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_INTSEC

3Nov2011	Prcnt		Code	Value	and Description
	7048	23.3	1		Intersection
	23076	76.4	2		Nonintersection
	72	0.2	3		Unknown



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<hr/> Variable 79 <hr/>	<hr/> AUX: JUNCTION <hr/>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_JUNC

3Nov2011 Prcnt Code Value and Description

7048	23.3	1	Junction
21110	69.9	2	Nonjunction
1966	6.5	3	Other
72	0.2	4	Unknown

<hr/> Variable 80 <hr/>	<hr/> AUX: LARGE TRUCK <hr/>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_LT

Involving a Large Truck

3Nov2011 Prcnt Code Value and Description

3261	10.8	1	Large truck involved crash
26935	89.2	2	Other crash

<hr/> Variable 81 <hr/>	<hr/> AUX: MANNER OF COLLISION <hr/>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_MANCOL

3Nov2011 Prcnt Code Value and Description

19054	63.1	1	Not collision with motor vehicle in transport
1694	5.6	2	Rear-end
2848	9.4	3	Head-on
5624	18.6	4	Angle
858	2.8	5	Sideswipe
84	0.3	6	Other
34	0.1	7	Unknown

<hr/> Variable 82 <hr/>	<hr/> AUX: MOTORCYCLE <hr/>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_MC

Involving a Motorcycle

3Nov2011 Prcnt Code Value and Description

4423	14.6	1	Motorcycle involved crash
25773	85.4	2	Other crash

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Variable 83	AUX: PEDESTRIAN	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_PED

## Involving a Pedestrian

3Nov2011	Prcnt	Code	Value and Description
4272	14.1	1	Pedestrian involved crash
25924	85.9	2	Other crash

Variable 84	AUX: PEDALCYCLIST	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc aux.A PEDAL

## Involving a Pedalcyclist

3Nov2011	Prcnt	Code	Value and Description
625	2.1	1	Pedalcyclist involved crash
29571	97.9	2	Other crash

Variable 85	AUX: POLICE PURSUIT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc aux.A POLPUR

### Involving a Police Pursuit

3Nov2011	Prcnt	Code	Value and Description
308	1.0	1	Police pursuit involved crash
29888	99.0	2	Other crash

Variable 86	AUX: DRIVER POSITIVE BAC	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc aux.A POSBAC

### Involving a Driver with a Positive BAC

3Nov2011	Prcnt	Code	Value and Description
7696	25.5	1	Driver with positive BAC testing crash
7153	23.7	2	All drivers with zero BAC testing crash
15347	50.8	3	Unknown BAC test crash

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<hr/> Variable 87 <hr/>	<hr/> AUX: ROADWAY DEPARTURE <hr/>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_RD

Involving a Roadway Departure

3Nov2011	Prcnt		Code	Value and Description
----------	-------	--	------	-----------------------

			1	Yes - roadway departure
			2	No roadway departure

<hr/> Variable 88 <hr/>	<hr/> AUX: NHTSA REGION <hr/>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_REGION

3Nov2011	Prcnt		Code	Value and Description
----------	-------	--	------	-----------------------

			1	CT, ME, MA, NH, RI, VT
			2	NJ, NY, PA, PR
			3	DE, DC, KY, MD, NC, VA, WV
			4	AL, FL, GA, SC, TN
			5	IL, IN, MI, MN, OH, WI
			6	LA, MS, NM, OK, TX
			7	AR, IA, KS, NE, MO
			8	CO, NY, ND, SD, WY, UT
			9	AZ, CA, HI
			10	AK, ID, MT, OR, WA

<hr/> Variable 89 <hr/>	<hr/> AUX: RELATIONSHIP ROAD <hr/>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_RELRD

Relationship to the Road

3Nov2011	Prcnt		Code	Value and Description
----------	-------	--	------	-----------------------

			1	On roadway
			2	Off roadway/shoulder
			3	Off roadway/median
			4	Off roadway/other
			6	Other/unknown

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<hr/> Variable 90	<hr/> AUX: ROADWAY FUNCTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_ROADFC

Roadway Function Class

3Nov2011	Prcnt	Code	Value and Description
3741	12.4	1	Interstate - principal arterial
1137	3.8	2	Freeway and expressway - principal arterial
7485	24.8	3	Principal arterial - other
5451	18.1	4	Minor arterial
5867	19.4	5	Collector
6108	20.2	6	Local
407	1.3	7	Unknown

<hr/> Variable 91	<hr/> AUX: ROLLOVER	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_ROLL

Involving a Rollover

3Nov2011	Prcnt	Code	Value and Description
8100	26.8	1	Rollover-involved crash
22096	73.2	2	Other crash

<hr/> Variable 92	<hr/> AUX: RURAL/URBAN	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_RU

3Nov2011	Prcnt	Code	Value and Description
16292	54.0	1	Rural
13608	45.1	2	Urban
296	1.0	3	Unknown

<hr/> Variable 93	<hr/> AUX: SPEEDING	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_SPCRA

Involving Speeding

3Nov2011	Prcnt	Code	Value and Description
9366	31.0	1	Speeding involved in crash

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Variable 93:AUX: SPEEDING (Continued)

3Nov2011 Prcnt Code Value and Description

20830 69.0 2 Other crash

Variable 94	AUX: TIME OF DAY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Acc\_aux.A\_TOD

3Nov2011 Prcnt Code Value and Description

14724	48.8	1	Daytime
15244	50.5	2	Nighttime
228	0.8	3	Unknown



The CRASH EVENTS Variables

Variables 95 through 219 describe the events of the crash involved in the crash. They are included in the Vehicle, Occupant and Nonmotorist data sets.

Variable 95	E1: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #1: Event

3Nov2011	Prcnt	Code	Value and Description
438	1.5	1	Rollover/overturn
8	0.0	2	Fire/explosion
7	0.0	3	Immersion
0	0.0	4	Gas inhalation
176	0.6	5	Fell/jumped from vehicle
7	0.0	6	Injured in vehicle (noncollision)
29	0.1	7	Other noncollision
3758	12.4	8	Pedestrian
569	1.9	9	Pedalcyclist
114	0.4	10	Railway vehicle
198	0.7	11	Live animal
7276	24.1	12	Motor vehicle in transport
67	0.2	14	Parked motor vehicle
117	0.4	15	Nonmotorist on personal conveyance
18	0.1	16	Thrown or falling object
1	0.0	17	Boulder
54	0.2	18	Other object (not fixed)
2	0.0	19	Building
2	0.0	20	Impact attenuator/crash cushion
2	0.0	21	Bridge pier or support
0	0.0	23	Bridge rail (includes parapet)
8	0.0	24	Guardrail face
5	0.0	25	Concrete traffic barrier
3	0.0	26	Other traffic barrier
4	0.0	30	Utility pole/light support
5	0.0	31	Other post, other pole, or other support
1	0.0	32	Culvert
13	0.0	33	Curb
3	0.0	34	Ditch
5	0.0	35	Embankment
3	0.0	38	Fence
1	0.0	39	Wall
0	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
11	0.0	42	Tree (standing only)
11	0.0	43	Other fixed object

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Variable 95:E1: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
17	0.1	44	Pavement surface irregularity (ruts, potholes, grates, etc.)
14	0.0	45	Working motor vehicle
3	0.0	46	Traffic signal support
1	0.0	48	Snow bank
13	0.0	49	Ridden animal or animal-drawn conveyance
6	0.0	50	Bridge overhead structure
3	0.0	51	Jackknife (harmful to this vehicle)
0	0.0	52	Guardrail end
0	0.0	53	Mail box
16	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable barrier
5	0.0	58	Ground
3	0.0	59	Traffic sign support
14	0.0	60	Cargo/equipment loss or shift (non-harmful)
280	0.9	61	Equipment failure (blown tire, brake failure, etc.)
10	0.0	62	Separation of units
7862	26.0	63	Ran off road - right
3352	11.1	64	Ran off road - left
639	2.1	65	Cross median
2	0.0	66	Downhill runaway
34	0.1	67	Vehicle went airborne
4946	16.4	68	Cross centerline
12	0.0	69	Re-entering highway
9	0.0	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
0	0.0	98	Not reported
35	0.1	99	Unknown

Variable 96	E1: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #1: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
723	2.4	0	Noncollision
547	1.8	1	1 o'clock
191	0.6	2	2 o'clock
530	1.8	3	3 o'clock
65	0.2	4	4 o'clock
69	0.2	5	5 o'clock
242	0.8	6	6 o'clock
74	0.2	7	7 o'clock
50	0.2	8	8 o'clock



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Variable 96:E1: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
627	2.1	9	9 o'clock
131	0.4	10	10 o'clock
412	1.4	11	11 o'clock
8621	28.6	12	12 o'clock
14	0.0	13	Top
122	0.4	14	Undercarriage
11	0.0	18	Set-in-motion (not a clock point)
17161	56.8	55	Non-harmful event
60	0.2	61	Left
78	0.3	62	Left-front half
21	0.1	63	Left-back half
75	0.2	81	Right
75	0.2	82	Right-front half
42	0.1	83	Right-back half
46	0.2	98	Not reported
209	0.7	99	Unknown

Variable 97	E1: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #1: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	0	Noncollision
267	0.9	1	1 o'clock
185	0.6	2	2 o'clock
649	2.1	3	3 o'clock
101	0.3	4	4 o'clock
135	0.4	5	5 o'clock
1508	5.0	6	6 o'clock
154	0.5	7	7 o'clock
121	0.4	8	8 o'clock
866	2.9	9	9 o'clock
223	0.7	10	10 o'clock
302	1.0	11	11 o'clock
2387	7.9	12	12 o'clock
5	0.0	13	Top
2	0.0	14	Undercarriage
4	0.0	18	Set-in-motion (not a clock point)
22823	75.6	55	Non-harmful event
124	0.4	61	Left
61	0.2	62	Left-front half
49	0.2	63	Left-back half
92	0.3	81	Right
71	0.2	82	Right-front half
44	0.1	83	Right-back half
5	0.0	98	Not reported

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Variable 97:E1: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt      Code Value and Description

18    0.1    99   Unknown

Variable 98	E1: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec:    None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #1: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

27982	92.7	1	Vehicle #1
2112	7.0	2	Vehicle #2
83	0.3	3	Vehicle #3
16	0.1	4	Vehicle #4
3	0.0	5	Vehicle #5

Variable 99	E1: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec:    None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #1: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

1480	4.9	1	Vehicle #1
5827	19.3	2	Vehicle #2
57	0.2	3	Vehicle #3
7	0.0	4	Vehicle #4
2	0.0	5	Vehicle #5
22823	75.6	9999	Not applicable; not a collision between two motor vehicles

Variable 100	E2: EVENT	Width: 2	Type: Numeric
		Dec:    None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #2: Event

3Nov2011 Prcnt      Code Value and Description

8217	27.2	0	No crash event
1764	5.8	1	Rollover/overturn
135	0.4	2	Fire/explosion

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Variable 100:E2: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
	30	0.1	3 Immersion
	61	0.2	5 Fell/jumped from vehicle
	1	0.0	6 Injured in vehicle (noncollision)
	20	0.1	7 Other noncollision
	569	1.9	8 Pedestrian
	57	0.2	9 Pedalcyclist
	12	0.0	10 Railway vehicle
	11	0.0	11 Live animal
	3965	13.1	12 Motor vehicle in transport
	311	1.0	14 Parked motor vehicle
	4	0.0	15 Nonmotorist on personal conveyance
	54	0.2	17 Boulder
	75	0.2	18 Other object (not fixed)
	42	0.1	19 Building
	21	0.1	20 Impact attenuator/crash cushion
	78	0.3	21 Bridge pier or support
	72	0.2	23 Bridge rail (includes parapet)
	653	2.2	24 Guardrail face
	213	0.7	25 Concrete traffic barrier
	30	0.1	26 Other traffic barrier
	561	1.9	30 Utility pole/light support
	205	0.7	31 Other post, other pole, or other support
	259	0.9	32 Culvert
	832	2.8	33 Curb
	719	2.4	34 Ditch
	554	1.8	35 Embankment
	236	0.8	38 Fence
	89	0.3	39 Wall
	19	0.1	40 Fire hydrant
	41	0.1	41 Shrubbery
	1475	4.9	42 Tree (standing only)
	156	0.5	43 Other fixed object
	1	0.0	44 Pavement surface irregularity (ruts, potholes, grates, etc.)
	7	0.0	45 Working motor vehicle
	27	0.1	46 Traffic signal support
	17	0.1	48 Snow bank
	3	0.0	50 Bridge overhead structure
	13	0.0	51 Jackknife (harmful to this vehicle)
	121	0.4	52 Guardrail end
	209	0.7	53 Mail box
	114	0.4	54 Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
	33	0.1	57 Cable barrier
	49	0.2	58 Ground
	288	1.0	59 Traffic sign support
	7	0.0	60 Cargo/equipment loss or shift (non-harmful)
	14	0.0	61 Equipment failure (blown tire, brake failure, etc.)
	14	0.0	62 Separation of units
	1540	5.1	63 Ran off road - right
	3036	10.1	64 Ran off road - left

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Variable 100:E2: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
443	1.5	65	Cross median
2	0.0	66	Downhill runaway
184	0.6	67	Vehicle went airborne
829	2.7	68	Cross centerline
1682	5.6	69	Re-entering highway
16	0.1	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
2	0.0	99	Unknown

Variable 101	E2: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #2: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2029	6.7	0	Noncollision
651	2.2	1	1 o'clock
219	0.7	2	2 o'clock
563	1.9	3	3 o'clock
71	0.2	4	4 o'clock
106	0.4	5	5 o'clock
151	0.5	6	6 o'clock
71	0.2	7	7 o'clock
55	0.2	8	8 o'clock
506	1.7	9	9 o'clock
192	0.6	10	10 o'clock
575	1.9	11	11 o'clock
7150	23.7	12	12 o'clock
21	0.1	13	Top
686	2.3	14	Undercarriage
124	0.4	18	Set-in-motion (not a clock point)
7767	25.7	55	Non-harmful event
129	0.4	61	Left
97	0.3	62	Left-front half
20	0.1	63	Left-back half
135	0.4	81	Right
110	0.4	82	Right-front half
36	0.1	83	Right-back half
8217	27.2	95	No crash event
152	0.5	98	Not reported
363	1.2	99	Unknown

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<u>Variable 102</u>	<u>E2: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #2: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
64	0.2	1	1 o'clock
49	0.2	2	2 o'clock
112	0.4	3	3 o'clock
28	0.1	4	4 o'clock
48	0.2	5	5 o'clock
472	1.6	6	6 o'clock
110	0.4	7	7 o'clock
71	0.2	8	8 o'clock
219	0.7	9	9 o'clock
131	0.4	10	10 o'clock
261	0.9	11	11 o'clock
2506	8.3	12	12 o'clock
13	0.0	13	Top
24	0.1	14	Undercarriage
36	0.1	18	Set-in-motion (not a clock point)
17582	58.2	55	Non-harmful event
81	0.3	61	Left
47	0.2	62	Left-front half
36	0.1	63	Left-back half
17	0.1	81	Right
14	0.0	82	Right-front half
12	0.0	83	Right-back half
8217	27.2	95	No crash event
11	0.0	98	Not reported
35	0.1	99	Unknown

<u>Variable 103</u>	<u>E2: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #2: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
8217	27.2	0	No crash event
19430	64.3	1	Vehicle #1
2321	7.7	2	Vehicle #2
212	0.7	3	Vehicle #3
15	0.0	4	Vehicle #4
1	0.0	5	Vehicle #5

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<u>Variable 104</u>	<u>E2: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #2: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
8217	27.2	0	No crash event
718	2.4	1	Vehicle #1
3076	10.2	2	Vehicle #2
575	1.9	3	Vehicle #3
25	0.1	4	Vehicle #4
2	0.0	5	Vehicle #5
1	0.0	6	Vehicle #6
17582	58.2	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 105</u>	<u>E3: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #3: Event

3Nov2011	Prcnt	Code	Value and Description
14310	47.4	0	No crash event
2677	8.9	1	Rollover/overturn
304	1.0	2	Fire/explosion
65	0.2	3	Immersion
47	0.2	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (noncollision)
15	0.0	7	Other noncollision
264	0.9	8	Pedestrian
18	0.1	9	Pedalcyclist
1	0.0	10	Railway vehicle
8	0.0	11	Live animal
1152	3.8	12	Motor vehicle in transport
196	0.6	14	Parked motor vehicle
3	0.0	15	Nonmotorist on personal conveyance
2	0.0	16	Thrown or falling object
53	0.2	17	Boulder
76	0.3	18	Other object (not fixed)
81	0.3	19	Building
3	0.0	20	Impact attenuator/crash cushion
73	0.2	21	Bridge pier or support
60	0.2	23	Bridge rail (includes parapet)
378	1.3	24	Guardrail face
129	0.4	25	Concrete traffic barrier
14	0.0	26	Other traffic barrier
602	2.0	30	Utility pole/light support
202	0.7	31	Other post, other pole, or other support

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Variable 105:E3: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
215	0.7	32	Culvert
300	1.0	33	Curb
464	1.5	34	Ditch
490	1.6	35	Embankment
402	1.3	38	Fence
77	0.3	39	Wall
25	0.1	40	Fire hydrant
45	0.1	41	Shrubbery
1448	4.8	42	Tree (standing only)
197	0.7	43	Other fixed object
1	0.0	44	Pavement surface irregularity (ruts, potholes, grates, etc.)
2	0.0	45	Working motor vehicle
50	0.2	46	Traffic signal support
12	0.0	48	Snow bank
4	0.0	50	Bridge overhead structure
12	0.0	51	Jackknife (harmful to this vehicle)
59	0.2	52	Guardrail end
127	0.4	53	Mail box
74	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	55	Motor vehicle in motion outside the trafficway
22	0.1	57	Cable barrier
45	0.1	58	Ground
244	0.8	59	Traffic sign support
3	0.0	60	Cargo/equipment loss or shift (non-harmful)
6	0.0	61	Equipment failure (blown tire, brake failure, etc.)
26	0.1	62	Separation of units
1365	4.5	63	Ran off road - right
1206	4.0	64	Ran off road - left
192	0.6	65	Cross median
480	1.6	67	Vehicle went airborne
1018	3.4	68	Cross centerline
818	2.7	69	Re-entering highway
23	0.1	70	Jackknife (non-harmful)
9	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 106	E3: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #3: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
3133	10.4	0	Noncollision
288	1.0	1	1 o'clock
99	0.3	2	2 o'clock

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Variable 106:E3: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
414	1.4	3	3 o'clock
48	0.2	4	4 o'clock
71	0.2	5	5 o'clock
141	0.5	6	6 o'clock
63	0.2	7	7 o'clock
41	0.1	8	8 o'clock
409	1.4	9	9 o'clock
126	0.4	10	10 o'clock
367	1.2	11	11 o'clock
3792	12.6	12	12 o'clock
97	0.3	13	Top
369	1.2	14	Undercarriage
127	0.4	18	Set-in-motion (not a clock point)
5137	17.0	55	Non-harmful event
113	0.4	61	Left
67	0.2	62	Left-front half
19	0.1	63	Left-back half
89	0.3	81	Right
53	0.2	82	Right-front half
25	0.1	83	Right-back half
14310	47.4	95	No crash event
275	0.9	98	Not reported
523	1.7	99	Unknown

Variable 107	E3: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #3: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30	0.1	1	1 o'clock
17	0.1	2	2 o'clock
57	0.2	3	3 o'clock
15	0.0	4	4 o'clock
20	0.1	5	5 o'clock
226	0.7	6	6 o'clock
43	0.1	7	7 o'clock
22	0.1	8	8 o'clock
97	0.3	9	9 o'clock
40	0.1	10	10 o'clock
84	0.3	11	11 o'clock
581	1.9	12	12 o'clock
12	0.0	13	Top
16	0.1	14	Undercarriage
20	0.1	18	Set-in-motion (not a clock point)
14461	47.9	55	Non-harmful event
31	0.1	61	Left



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Variable 107:E3: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

36	0.1	62	Left-front half
11	0.0	63	Left-back half
11	0.0	81	Right
6	0.0	82	Right-front half
3	0.0	83	Right-back half
14310	47.4	95	No crash event
19	0.1	98	Not reported
28	0.1	99	Unknown

Variable 108	E3: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #3: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

14310	47.4	0	No crash event
13723	45.4	1	Vehicle #1
1832	6.1	2	Vehicle #2
297	1.0	3	Vehicle #3
33	0.1	4	Vehicle #4
1	0.0	5	Vehicle #5

Variable 109	E3: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #3: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

14310	47.4	0	No crash event
201	0.7	1	Vehicle #1
615	2.0	2	Vehicle #2
471	1.6	3	Vehicle #3
129	0.4	4	Vehicle #4
7	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
14461	47.9	9999	Not applicable; not a collision between two motor vehicles

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Variable 110	E4: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

## Crash Event #4: Event

3Nov2011	Prcnt	Code	Value and Description
19718	65.3	0	No crash event
2189	7.2	1	Rollover/overturn
296	1.0	2	Fire/explosion
104	0.3	3	Immersion
20	0.1	5	Fell/jumped from vehicle
2	0.0	6	Injured in vehicle (noncollision)
6	0.0	7	Other noncollision
139	0.5	8	Pedestrian
8	0.0	9	Pedalcyclist
1	0.0	10	Railway vehicle
1	0.0	11	Live animal
812	2.7	12	Motor vehicle in transport
140	0.5	14	Parked motor vehicle
1	0.0	15	Nonmotorist on personal conveyance
1	0.0	16	Thrown or falling object
28	0.1	17	Boulder
53	0.2	18	Other object (not fixed)
79	0.3	19	Building
4	0.0	20	Impact attenuator/crash cushion
33	0.1	21	Bridge pier or support
27	0.1	23	Bridge rail (includes parapet)
225	0.7	24	Guardrail face
76	0.3	25	Concrete traffic barrier
10	0.0	26	Other traffic barrier
328	1.1	30	Utility pole/light support
125	0.4	31	Other post, other pole, or other support
94	0.3	32	Culvert
110	0.4	33	Curb
290	1.0	34	Ditch
323	1.1	35	Embankment
318	1.1	38	Fence
62	0.2	39	Wall
24	0.1	40	Fire hydrant
45	0.1	41	Shrubbery
1146	3.8	42	Tree (standing only)
157	0.5	43	Other fixed object
2	0.0	45	Working motor vehicle
29	0.1	46	Traffic signal support
5	0.0	48	Snow bank
5	0.0	50	Bridge overhead structure
14	0.0	51	Jackknife (harmful to this vehicle)
19	0.1	52	Guardrail end
84	0.3	53	Mail box
47	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
14	0.0	57	Cable barrier

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Variable 110:E4: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
63	0.2	58	Ground
131	0.4	59	Traffic sign support
10	0.0	60	Cargo/equipment loss or shift (non-harmful)
5	0.0	61	Equipment failure (blown tire, brake failure, etc.)
18	0.1	62	Separation of units
686	2.3	63	Ran off road - right
944	3.1	64	Ran off road - left
92	0.3	65	Cross median
2	0.0	66	Downhill runaway
302	1.0	67	Vehicle went airborne
383	1.3	68	Cross centerline
323	1.1	69	Re-entering highway
16	0.1	70	Jackknife (non-harmful)
5	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
2	0.0	99	Unknown

Variable 111	E4: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #4: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2637	8.7	0	Noncollision
196	0.6	1	1 o'clock
76	0.3	2	2 o'clock
250	0.8	3	3 o'clock
39	0.1	4	4 o'clock
67	0.2	5	5 o'clock
110	0.4	6	6 o'clock
49	0.2	7	7 o'clock
26	0.1	8	8 o'clock
310	1.0	9	9 o'clock
97	0.3	10	10 o'clock
204	0.7	11	11 o'clock
2157	7.1	12	12 o'clock
139	0.5	13	Top
201	0.7	14	Undercarriage
94	0.3	18	Set-in-motion (not a clock point)
2781	9.2	55	Non-harmful event
83	0.3	61	Left
51	0.2	62	Left-front half
15	0.0	63	Left-back half
87	0.3	81	Right
32	0.1	82	Right-front half
10	0.0	83	Right-back half
19718	65.3	95	No crash event
284	0.9	98	Not reported

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Variable 111:E4: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

483	1.6	99	Unknown
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Variable 112	E4: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #4: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

24	0.1	1	1 o'clock
11	0.0	2	2 o'clock
39	0.1	3	3 o'clock
9	0.0	4	4 o'clock
16	0.1	5	5 o'clock
128	0.4	6	6 o'clock
35	0.1	7	7 o'clock
13	0.0	8	8 o'clock
58	0.2	9	9 o'clock
34	0.1	10	10 o'clock
65	0.2	11	11 o'clock
438	1.5	12	12 o'clock
8	0.0	13	Top
9	0.0	14	Undercarriage
16	0.1	18	Set-in-motion (not a clock point)
9477	31.4	55	Non-harmful event
26	0.1	61	Left
8	0.0	62	Left-front half
10	0.0	63	Left-back half
17	0.1	81	Right
5	0.0	82	Right-front half
6	0.0	83	Right-back half
19718	65.3	95	No crash event
11	0.0	98	Not reported
15	0.0	99	Unknown

Variable 113	E4: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #4: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

19718	65.3	0	No crash event
8808	29.2	1	Vehicle #1

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Variable 113:E4: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

1393	4.6	2	Vehicle #2
205	0.7	3	Vehicle #3
68	0.2	4	Vehicle #4
2	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6

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Variable 114	E4: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #4: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

19718	65.3	0	No crash event
145	0.5	1	Vehicle #1
467	1.5	2	Vehicle #2
241	0.8	3	Vehicle #3
101	0.3	4	Vehicle #4
44	0.1	5	Vehicle #5
2	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
9477	31.4	9999	Not applicable; not a collision between two motor vehicles

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Variable 115	E5: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Cevent.SOE

Crash Event #5: Event

3Nov2011 Prcnt Code Value and Description

23941	79.3	0	No crash event
1437	4.8	1	Rollover/overturn
207	0.7	2	Fire/explosion
54	0.2	3	Immersion
5	0.0	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (noncollision)
7	0.0	7	Other noncollision
56	0.2	8	Pedestrian
1	0.0	9	Pedalcyclist
403	1.3	12	Motor vehicle in transport
114	0.4	14	Parked motor vehicle
2	0.0	16	Thrown or falling object
14	0.0	17	Boulder

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Variable 115:E5: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
19	0.1	18	Other object (not fixed)
50	0.2	19	Building
1	0.0	20	Impact attenuator/crash cushion
16	0.1	21	Bridge pier or support
18	0.1	23	Bridge rail (includes parapet)
172	0.6	24	Guardrail face
67	0.2	25	Concrete traffic barrier
4	0.0	26	Other traffic barrier
202	0.7	30	Utility pole/light support
55	0.2	31	Other post, other pole, or other support
60	0.2	32	Culvert
80	0.3	33	Curb
184	0.6	34	Ditch
192	0.6	35	Embankment
218	0.7	38	Fence
46	0.2	39	Wall
6	0.0	40	Fire hydrant
34	0.1	41	Shrubbery
728	2.4	42	Tree (standing only)
83	0.3	43	Other fixed object
2	0.0	45	Working motor vehicle
7	0.0	46	Traffic signal support
2	0.0	48	Snow bank
2	0.0	50	Bridge overhead structure
13	0.0	51	Jackknife (harmful to this vehicle)
8	0.0	52	Guardrail end
49	0.2	53	Mail box
37	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
13	0.0	57	Cable barrier
66	0.2	58	Ground
86	0.3	59	Traffic sign support
4	0.0	60	Cargo/equipment loss or shift (non-harmful)
18	0.1	62	Separation of units
490	1.6	63	Ran off road - right
360	1.2	64	Ran off road - left
47	0.2	65	Cross median
182	0.6	67	Vehicle went airborne
135	0.4	68	Cross centerline
183	0.6	69	Re-entering highway
11	0.0	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

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Variable 116	E5: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #5: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
1730	5.7	0	Noncollision
123	0.4	1	1 o'clock
48	0.2	2	2 o'clock
173	0.6	3	3 o'clock
25	0.1	4	4 o'clock
40	0.1	5	5 o'clock
84	0.3	6	6 o'clock
32	0.1	7	7 o'clock
19	0.1	8	8 o'clock
157	0.5	9	9 o'clock
43	0.1	10	10 o'clock
135	0.4	11	11 o'clock
1161	3.8	12	12 o'clock
117	0.4	13	Top
137	0.5	14	Undercarriage
69	0.2	18	Set-in-motion (not a clock point)
1430	4.7	55	Non-harmful event
63	0.2	61	Left
24	0.1	62	Left-front half
13	0.0	63	Left-back half
57	0.2	81	Right
26	0.1	82	Right-front half
19	0.1	83	Right-back half
23941	79.3	95	No crash event
195	0.6	98	Not reported
335	1.1	99	Unknown

Variable 117	E5: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #5: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
20	0.1	1	1 o'clock
8	0.0	2	2 o'clock
14	0.0	3	3 o'clock
2	0.0	4	4 o'clock
14	0.0	5	5 o'clock
77	0.3	6	6 o'clock
22	0.1	7	7 o'clock
10	0.0	8	8 o'clock
39	0.1	9	9 o'clock

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Variable 117:E5: IMPACT AREA (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
17	0.1	10	10 o'clock
50	0.2	11	11 o'clock
177	0.6	12	12 o'clock
12	0.0	13	Top
11	0.0	14	Undercarriage
11	0.0	18	Set-in-motion (not a clock point)
5699	18.9	55	Non-harmful event
9	0.0	61	Left
6	0.0	62	Left-front half
7	0.0	63	Left-back half
11	0.0	81	Right
5	0.0	82	Right-front half
3	0.0	83	Right-back half
23941	79.3	95	No crash event
11	0.0	98	Not reported
20	0.1	99	Unknown

Variable 118	E5: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #5: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
23941	79.3	0	No crash event
5078	16.8	1	Vehicle #1
929	3.1	2	Vehicle #2
183	0.6	3	Vehicle #3
48	0.2	4	Vehicle #4
15	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6

Variable 119	E5: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #5: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
23941	79.3	0	No crash event
70	0.2	1	Vehicle #1
211	0.7	2	Vehicle #2
157	0.5	3	Vehicle #3
75	0.2	4	Vehicle #4



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Variable 119:E5: VEH NUMBER (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
31	0.1	5	Vehicle #5
11	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
5699	18.9	9999	Not applicable; not a collision between two motor vehicles

Variable 120	E6: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #6: Event

3Nov2011	Prcnt	Code	Value and Description
26727	88.5	0	No crash event
874	2.9	1	Rollover/overturn
111	0.4	2	Fire/explosion
52	0.2	3	Immersion
6	0.0	5	Fell/jumped from vehicle
2	0.0	7	Other noncollision
30	0.1	8	Pedestrian
1	0.0	9	Pedalcyclist
191	0.6	12	Motor vehicle in transport
82	0.3	14	Parked motor vehicle
1	0.0	15	Nonmotorist on personal conveyance
1	0.0	16	Thrown or falling object
13	0.0	17	Boulder
17	0.1	18	Other object (not fixed)
34	0.1	19	Building
1	0.0	20	Impact attenuator/crash cushion
16	0.1	21	Bridge pier or support
5	0.0	23	Bridge rail (includes parapet)
94	0.3	24	Guardrail face
38	0.1	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
104	0.3	30	Utility pole/light support
37	0.1	31	Other post, other pole, or other support
25	0.1	32	Culvert
45	0.1	33	Curb
102	0.3	34	Ditch
96	0.3	35	Embankment
156	0.5	38	Fence
28	0.1	39	Wall
7	0.0	40	Fire hydrant
19	0.1	41	Shrubbery
388	1.3	42	Tree (standing only)
40	0.1	43	Other fixed object
1	0.0	44	Pavement surface irregularity (ruts, potholes, grates, etc.)

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Variable 120:E6: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	45	Working motor vehicle
3	0.0	46	Traffic signal support
4	0.0	48	Snow bank
4	0.0	51	Jackknife (harmful to this vehicle)
8	0.0	52	Guardrail end
25	0.1	53	Mail box
31	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
2	0.0	57	Cable barrier
39	0.1	58	Ground
47	0.2	59	Traffic sign support
3	0.0	60	Cargo/equipment loss or shift (non-harmful)
1	0.0	61	Equipment failure (blown tire, brake failure, etc.)
10	0.0	62	Separation of units
207	0.7	63	Ran off road - right
168	0.6	64	Ran off road - left
18	0.1	65	Cross median
105	0.3	67	Vehicle went airborne
73	0.2	68	Cross centerline
93	0.3	69	Re-entering highway
5	0.0	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

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Variable 121	E6: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Cevent.AOI1

Crash Event #6: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
1055	3.5	0	Noncollision
54	0.2	1	1 o'clock
22	0.1	2	2 o'clock
67	0.2	3	3 o'clock
10	0.0	4	4 o'clock
27	0.1	5	5 o'clock
59	0.2	6	6 o'clock
19	0.1	7	7 o'clock
8	0.0	8	8 o'clock
84	0.3	9	9 o'clock
18	0.1	10	10 o'clock
81	0.3	11	11 o'clock
566	1.9	12	12 o'clock
76	0.3	13	Top
86	0.3	14	Undercarriage
48	0.2	18	Set-in-motion (not a clock point)
683	2.3	55	Non-harmful event

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Variable 121:E6: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

42	0.1	61	Left
12	0.0	62	Left-front half
7	0.0	63	Left-back half
37	0.1	81	Right
13	0.0	82	Right-front half
9	0.0	83	Right-back half
26727	88.5	95	No crash event
173	0.6	98	Not reported
213	0.7	99	Unknown

Variable 122	E6: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #6: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

7	0.0	1	1 o'clock
5	0.0	2	2 o'clock
17	0.1	3	3 o'clock
2	0.0	4	4 o'clock
5	0.0	5	5 o'clock
47	0.2	6	6 o'clock
12	0.0	7	7 o'clock
4	0.0	8	8 o'clock
22	0.1	9	9 o'clock
11	0.0	10	10 o'clock
22	0.1	11	11 o'clock
80	0.3	12	12 o'clock
13	0.0	13	Top
5	0.0	14	Undercarriage
14	0.0	18	Set-in-motion (not a clock point)
3164	10.5	55	Non-harmful event
7	0.0	61	Left
4	0.0	62	Left-front half
3	0.0	63	Left-back half
1	0.0	81	Right
2	0.0	82	Right-front half
5	0.0	83	Right-back half
26727	88.5	95	No crash event
6	0.0	98	Not reported
11	0.0	99	Unknown

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<u>Variable 123</u>	<u>E6: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #6: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

26727	88.5	0	No crash event
2743	9.1	1	Vehicle #1
555	1.8	2	Vehicle #2
122	0.4	3	Vehicle #3
37	0.1	4	Vehicle #4
7	0.0	5	Vehicle #5
4	0.0	6	Vehicle #6
1	0.0	9	Vehicle #9

<u>Variable 124</u>	<u>E6: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #6: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

26727	88.5	0	No crash event
45	0.1	1	Vehicle #1
102	0.3	2	Vehicle #2
75	0.2	3	Vehicle #3
43	0.1	4	Vehicle #4
22	0.1	5	Vehicle #5
8	0.0	6	Vehicle #6
9	0.0	7	Vehicle #7
1	0.0	9	Vehicle #9
3164	10.5	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 125</u>	<u>E7: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #7: Event

3Nov2011 Prcnt Code Value and Description

28334	93.8	0	No crash event
436	1.4	1	Rollover/overturn
92	0.3	2	Fire/explosion
26	0.1	3	Immersion

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Variable 125:E7: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
2	0.0	5	Fell/jumped from vehicle
2	0.0	7	Other noncollision
18	0.1	8	Pedestrian
1	0.0	9	Pedalcyclist
109	0.4	12	Motor vehicle in transport
59	0.2	14	Parked motor vehicle
5	0.0	17	Boulder
15	0.0	18	Other object (not fixed)
12	0.0	19	Building
3	0.0	21	Bridge pier or support
5	0.0	23	Bridge rail (includes parapet)
50	0.2	24	Guardrail face
20	0.1	25	Concrete traffic barrier
55	0.2	30	Utility pole/light support
24	0.1	31	Other post, other pole, or other support
15	0.0	32	Culvert
22	0.1	33	Curb
47	0.2	34	Ditch
53	0.2	35	Embankment
86	0.3	38	Fence
15	0.0	39	Wall
2	0.0	40	Fire hydrant
11	0.0	41	Shrubbery
205	0.7	42	Tree (standing only)
30	0.1	43	Other fixed object
1	0.0	46	Traffic signal support
1	0.0	48	Snow bank
3	0.0	51	Jackknife (harmful to this vehicle)
4	0.0	52	Guardrail end
10	0.0	53	Mail box
16	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
4	0.0	57	Cable barrier
21	0.1	58	Ground
26	0.1	59	Traffic sign support
1	0.0	60	Cargo/equipment loss or shift (non-harmful)
8	0.0	62	Separation of units
111	0.4	63	Ran off road - right
84	0.3	64	Ran off road - left
15	0.0	65	Cross median
46	0.2	67	Vehicle went airborne
30	0.1	68	Cross centerline
55	0.2	69	Re-entering highway
5	0.0	70	Jackknife (non-harmful)
1	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

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<u>Variable 126</u>	<u>E7: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

## Crash Event #7: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

562	1.9	0	Noncollision
25	0.1	1	1 o'clock
8	0.0	2	2 o'clock
30	0.1	3	3 o'clock
4	0.0	4	4 o'clock
12	0.0	5	5 o'clock
31	0.1	6	6 o'clock
14	0.0	7	7 o'clock
6	0.0	8	8 o'clock
53	0.2	9	9 o'clock
9	0.0	10	10 o'clock
29	0.1	11	11 o'clock
310	1.0	12	12 o'clock
61	0.2	13	Top
50	0.2	14	Undercarriage
36	0.1	18	Set-in-motion (not a clock point)
355	1.2	55	Non-harmful event
19	0.1	61	Left
8	0.0	62	Left-front half
3	0.0	63	Left-back half
19	0.1	81	Right
7	0.0	82	Right-front half
2	0.0	83	Right-back half
28334	93.8	95	No crash event
98	0.3	98	Not reported
111	0.4	99	Unknown

<u>Variable 127</u>	<u>E7: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

## Crash Event #7: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

3	0.0	1	1 o'clock
3	0.0	2	2 o'clock
12	0.0	3	3 o'clock
4	0.0	4	4 o'clock
3	0.0	5	5 o'clock
27	0.1	6	6 o'clock
9	0.0	7	7 o'clock
2	0.0	8	8 o'clock
14	0.0	9	9 o'clock

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Variable 127:E7: IMPACT AREA (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	10	10 o'clock
13	0.0	11	11 o'clock
38	0.1	12	12 o'clock
7	0.0	13	Top
3	0.0	14	Undercarriage
4	0.0	18	Set-in-motion (not a clock point)
1678	5.6	55	Non-harmful event
5	0.0	61	Left
5	0.0	62	Left-front half
4	0.0	63	Left-back half
4	0.0	81	Right
1	0.0	82	Right-front half
1	0.0	83	Right-back half
28334	93.8	95	No crash event
5	0.0	98	Not reported
12	0.0	99	Unknown

Variable 128	E7: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #7: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
28334	93.8	0	No crash event
1433	4.7	1	Vehicle #1
314	1.0	2	Vehicle #2
77	0.3	3	Vehicle #3
21	0.1	4	Vehicle #4
14	0.0	5	Vehicle #5
1	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7

Variable 129	E7: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #7: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
28334	93.8	0	No crash event
16	0.1	1	Vehicle #1
52	0.2	2	Vehicle #2
58	0.2	3	Vehicle #3

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Variable 129:E7: VEH NUMBER (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
25	0.1	4	Vehicle #4
16	0.1	5	Vehicle #5
11	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
5	0.0	8	Vehicle #8
1678	5.6	9999	Not applicable; not a collision between two motor vehicles

Variable 130	E8: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #8: Event

3Nov2011	Prcnt	Code	Value and Description
29251	96.9	0	No crash event
192	0.6	1	Rollover/overturn
42	0.1	2	Fire/explosion
14	0.0	3	Immersion
1	0.0	5	Fell/jumped from vehicle
2	0.0	7	Other noncollision
12	0.0	8	Pedestrian
55	0.2	12	Motor vehicle in transport
40	0.1	14	Parked motor vehicle
2	0.0	17	Boulder
5	0.0	18	Other object (not fixed)
9	0.0	19	Building
3	0.0	21	Bridge pier or support
6	0.0	23	Bridge rail (includes parapet)
37	0.1	24	Guardrail face
14	0.0	25	Concrete traffic barrier
24	0.1	30	Utility pole/light support
10	0.0	31	Other post, other pole, or other support
3	0.0	32	Culvert
14	0.0	33	Curb
21	0.1	34	Ditch
28	0.1	35	Embankment
47	0.2	38	Fence
9	0.0	39	Wall
10	0.0	41	Shrubbery
101	0.3	42	Tree (standing only)
18	0.1	43	Other fixed object
2	0.0	46	Traffic signal support
1	0.0	51	Jackknife (harmful to this vehicle)
9	0.0	53	Mail box
10	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport



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Variable 130:E8: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
3	0.0	57	Cable barrier
10	0.0	58	Ground
6	0.0	59	Traffic sign support
1	0.0	60	Cargo/equipment loss or shift (non-harmful)
1	0.0	61	Equipment failure (blown tire, brake failure, etc.)
6	0.0	62	Separation of units
55	0.2	63	Ran off road - right
44	0.1	64	Ran off road - left
5	0.0	65	Cross median
17	0.1	67	Vehicle went airborne
21	0.1	68	Cross centerline
33	0.1	69	Re-entering highway
2	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 131	E8: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #8: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
254	0.8	0	Noncollision
12	0.0	1	1 o'clock
5	0.0	2	2 o'clock
13	0.0	3	3 o'clock
3	0.0	4	4 o'clock
9	0.0	5	5 o'clock
17	0.1	6	6 o'clock
1	0.0	7	7 o'clock
2	0.0	8	8 o'clock
20	0.1	9	9 o'clock
5	0.0	10	10 o'clock
15	0.0	11	11 o'clock
163	0.5	12	12 o'clock
38	0.1	13	Top
24	0.1	14	Undercarriage
24	0.1	18	Set-in-motion (not a clock point)
183	0.6	55	Non-harmful event
11	0.0	61	Left
4	0.0	62	Left-front half
14	0.0	81	Right
2	0.0	82	Right-front half
3	0.0	83	Right-back half
29251	96.9	95	No crash event
58	0.2	98	Not reported
65	0.2	99	Unknown

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<u>Variable 132</u>	<u>E8: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

## Crash Event #8: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	1	1 o'clock
4	0.0	2	2 o'clock
5	0.0	3	3 o'clock
1	0.0	4	4 o'clock
2	0.0	5	5 o'clock
26	0.1	6	6 o'clock
3	0.0	7	7 o'clock
3	0.0	9	9 o'clock
4	0.0	10	10 o'clock
5	0.0	11	11 o'clock
17	0.1	12	12 o'clock
6	0.0	13	Top
1	0.0	14	Undercarriage
2	0.0	18	Set-in-motion (not a clock point)
840	2.8	55	Non-harmful event
5	0.0	61	Left
1	0.0	62	Left-front half
2	0.0	63	Left-back half
1	0.0	81	Right
1	0.0	82	Right-front half
29251	96.9	95	No crash event
5	0.0	98	Not reported
6	0.0	99	Unknown

<u>Variable 133</u>	<u>E8: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

## Crash Event #8: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
29251	96.9	0	No crash event
691	2.3	1	Vehicle #1
174	0.6	2	Vehicle #2
41	0.1	3	Vehicle #3
23	0.1	4	Vehicle #4
12	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	11	Vehicle #11

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<u>Variable 134</u>	<u>E8: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #8: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
29251	96.9	0	No crash event
10	0.0	1	Vehicle #1
20	0.1	2	Vehicle #2
31	0.1	3	Vehicle #3
18	0.1	4	Vehicle #4
8	0.0	5	Vehicle #5
9	0.0	6	Vehicle #6
4	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
3	0.0	9	Vehicle #9
1	0.0	10	Vehicle #10
840	2.8	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 135</u>	<u>E9: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #9: Event

3Nov2011	Prcnt	Code	Value and Description
29704	98.4	0	No crash event
83	0.3	1	Rollover/overturn
28	0.1	2	Fire/explosion
6	0.0	3	Immersion
7	0.0	8	Pedestrian
35	0.1	12	Motor vehicle in transport
20	0.1	14	Parked motor vehicle
1	0.0	17	Boulder
2	0.0	18	Other object (not fixed)
8	0.0	19	Building
1	0.0	21	Bridge pier or support
3	0.0	23	Bridge rail (includes parapet)
8	0.0	24	Guardrail face
2	0.0	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
8	0.0	30	Utility pole/light support
4	0.0	31	Other post, other pole, or other support
6	0.0	32	Culvert
3	0.0	33	Curb
13	0.0	34	Ditch
18	0.1	35	Embankment
30	0.1	38	Fence

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Variable 135:E9: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
2	0.0	39	Wall
1	0.0	40	Fire hydrant
4	0.0	41	Shrubbery
51	0.2	42	Tree (standing only)
11	0.0	43	Other fixed object
1	0.0	46	Traffic signal support
1	0.0	51	Jackknife (harmful to this vehicle)
2	0.0	53	Mail box
6	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
5	0.0	58	Ground
5	0.0	59	Traffic sign support
1	0.0	60	Cargo/equipment loss or shift (non-harmful)
1	0.0	62	Separation of units
37	0.1	63	Ran off road - right
30	0.1	64	Ran off road - left
4	0.0	65	Cross median
9	0.0	67	Vehicle went airborne
18	0.1	68	Cross centerline
14	0.0	69	Re-entering highway
1	0.0	70	Jackknife (non-harmful)
1	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

---

Variable 136	E9: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI1

Crash Event #9: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
119	0.4	0	Noncollision
3	0.0	1	1 o'clock
1	0.0	2	2 o'clock
12	0.0	3	3 o'clock
1	0.0	4	4 o'clock
2	0.0	5	5 o'clock
9	0.0	6	6 o'clock
1	0.0	7	7 o'clock
7	0.0	9	9 o'clock
1	0.0	10	10 o'clock
7	0.0	11	11 o'clock
74	0.2	12	12 o'clock
23	0.1	13	Top
14	0.0	14	Undercarriage
16	0.1	18	Set-in-motion (not a clock point)
115	0.4	55	Non-harmful event
5	0.0	61	Left

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Variable 136:E9: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	62	Left-front half
4	0.0	81	Right
1	0.0	82	Right-front half
2	0.0	83	Right-back half
29704	98.4	95	No crash event
35	0.1	98	Not reported
39	0.1	99	Unknown

Variable 137	E9: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #9: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

1	0.0	2	2 o'clock
2	0.0	5	5 o'clock
10	0.0	6	6 o'clock
1	0.0	7	7 o'clock
1	0.0	8	8 o'clock
7	0.0	9	9 o'clock
1	0.0	10	10 o'clock
6	0.0	11	11 o'clock
10	0.0	12	12 o'clock
4	0.0	13	Top
3	0.0	18	Set-in-motion (not a clock point)
431	1.4	55	Non-harmful event
1	0.0	61	Left
1	0.0	62	Left-front half
3	0.0	63	Left-back half
2	0.0	81	Right
29704	98.4	95	No crash event
5	0.0	98	Not reported
3	0.0	99	Unknown

Variable 138	E9: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #9: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

29704	98.4	0	No crash event
357	1.2	1	Vehicle #1

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Variable 138:E9: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

87	0.3	2	Vehicle #2
31	0.1	3	Vehicle #3
11	0.0	4	Vehicle #4
3	0.0	5	Vehicle #5
3	0.0	6	Vehicle #6

---

Variable 139	E9: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #9: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

29704	98.4	0	No crash event
6	0.0	1	Vehicle #1
9	0.0	2	Vehicle #2
14	0.0	3	Vehicle #3
9	0.0	4	Vehicle #4
10	0.0	5	Vehicle #5
3	0.0	6	Vehicle #6
5	0.0	7	Vehicle #7
4	0.0	8	Vehicle #8
1	0.0	10	Vehicle #10
431	1.4	9999	Not applicable; not a collision between two motor vehicles

---

Variable 140	E10: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.SOE

Crash Event #10: Event

3Nov2011 Prcnt Code Value and Description

29924	99.1	0	No crash event
38	0.1	1	Rollover/overturn
17	0.1	2	Fire/explosion
4	0.0	3	Immersion
3	0.0	8	Pedestrian
17	0.1	12	Motor vehicle in transport
12	0.0	14	Parked motor vehicle
1	0.0	16	Thrown or falling object
2	0.0	18	Other object (not fixed)
2	0.0	19	Building
1	0.0	23	Bridge rail (includes parapet)

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Variable 140:E10: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
9	0.0	24	Guardrail face
2	0.0	25	Concrete traffic barrier
9	0.0	30	Utility pole/light support
3	0.0	31	Other post, other pole, or other support
2	0.0	32	Culvert
6	0.0	33	Curb
9	0.0	34	Ditch
10	0.0	35	Embankment
13	0.0	38	Fence
4	0.0	39	Wall
2	0.0	41	Shrubbery
30	0.1	42	Tree (standing only)
5	0.0	43	Other fixed object
1	0.0	48	Snow bank
2	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
5	0.0	58	Ground
3	0.0	59	Traffic sign support
1	0.0	60	Cargo/equipment loss or shift (non-harmful)
3	0.0	62	Separation of units
26	0.1	63	Ran off road - right
14	0.0	64	Ran off road - left
2	0.0	65	Cross median
5	0.0	67	Vehicle went airborne
1	0.0	68	Cross centerline
7	0.0	69	Re-entering highway
1	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 141	E10: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #10: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
61	0.2	0	Noncollision
1	0.0	1	1 o'clock
1	0.0	2	2 o'clock
5	0.0	3	3 o'clock
2	0.0	4	4 o'clock
2	0.0	5	5 o'clock
7	0.0	6	6 o'clock
3	0.0	7	7 o'clock
1	0.0	8	8 o'clock
2	0.0	9	9 o'clock
1	0.0	10	10 o'clock
1	0.0	11	11 o'clock

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Variable 141:E10: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
46	0.2	12	12 o'clock
3	0.0	13	Top
10	0.0	14	Undercarriage
6	0.0	18	Set-in-motion (not a clock point)
59	0.2	55	Non-harmful event
1	0.0	62	Left-front half
8	0.0	81	Right
2	0.0	82	Right-front half
2	0.0	83	Right-back half
29924	99.1	95	No crash event
26	0.1	98	Not reported
22	0.1	99	Unknown

---

Variable 142	E10: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI2

Crash Event #10: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
3	0.0	3	3 o'clock
7	0.0	6	6 o'clock
1	0.0	7	7 o'clock
1	0.0	8	8 o'clock
2	0.0	9	9 o'clock
2	0.0	11	11 o'clock
5	0.0	12	12 o'clock
2	0.0	13	Top
2	0.0	18	Set-in-motion (not a clock point)
241	0.8	55	Non-harmful event
1	0.0	61	Left
1	0.0	62	Left-front half
29924	99.1	95	No crash event
3	0.0	98	Not reported
1	0.0	99	Unknown

---

Variable 143	E10: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #10: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
29924	99.1	0	No crash event



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Variable 143:E10: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

184	0.6	1	Vehicle #1
49	0.2	2	Vehicle #2
21	0.1	3	Vehicle #3
9	0.0	4	Vehicle #4
4	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
3	0.0	7	Vehicle #7

Variable 144	E10: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #10: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

29924	99.1	0	No crash event
3	0.0	1	Vehicle #1
5	0.0	2	Vehicle #2
5	0.0	3	Vehicle #3
3	0.0	4	Vehicle #4
6	0.0	5	Vehicle #5
3	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
2	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9
1	0.0	11	Vehicle #11
1	0.0	14	Vehicle #14
241	0.8	9999	Not applicable; not a collision between two motor vehicles

Variable 145	E11: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #11: Event

3Nov2011 Prcnt Code Value and Description

30046	99.5	0	No crash event
30	0.1	1	Rollover/overturn
9	0.0	2	Fire/explosion
2	0.0	3	Immersion
1	0.0	5	Fell/jumped from vehicle
2	0.0	7	Other noncollision
3	0.0	8	Pedestrian

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Variable 145:E11: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
13	0.0	12	Motor vehicle in transport
6	0.0	14	Parked motor vehicle
1	0.0	18	Other object (not fixed)
4	0.0	19	Building
2	0.0	23	Bridge rail (includes parapet)
9	0.0	24	Guardrail face
5	0.0	33	Curb
7	0.0	35	Embankment
4	0.0	38	Fence
3	0.0	39	Wall
1	0.0	41	Shrubbery
18	0.1	42	Tree (standing only)
5	0.0	43	Other fixed object
1	0.0	51	Jackknife (harmful to this vehicle)
2	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	57	Cable barrier
2	0.0	62	Separation of units
4	0.0	63	Ran off road - right
7	0.0	64	Ran off road - left
2	0.0	67	Vehicle went airborne
3	0.0	68	Cross centerline
3	0.0	69	Re-entering highway

Variable 146	E11: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #11: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45	0.1	0	Noncollision
3	0.0	1	1 o'clock
2	0.0	2	2 o'clock
2	0.0	3	3 o'clock
3	0.0	5	5 o'clock
2	0.0	6	6 o'clock
1	0.0	8	8 o'clock
2	0.0	11	11 o'clock
24	0.1	12	12 o'clock
2	0.0	13	Top
6	0.0	14	Undercarriage
9	0.0	18	Set-in-motion (not a clock point)
21	0.1	55	Non-harmful event
2	0.0	61	Left
2	0.0	62	Left-front half
1	0.0	63	Left-back half

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Variable 146:E11: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

2	0.0	81	Right
2	0.0	82	Right-front half
30046	99.5	95	No crash event
9	0.0	98	Not reported
10	0.0	99	Unknown

---

Variable 147	E11: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI2

Crash Event #11: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

1	0.0	2	2 o'clock
1	0.0	3	3 o'clock
1	0.0	4	4 o'clock
7	0.0	6	6 o'clock
1	0.0	7	7 o'clock
1	0.0	8	8 o'clock
2	0.0	9	9 o'clock
1	0.0	10	10 o'clock
4	0.0	12	12 o'clock
1	0.0	13	Top
129	0.4	55	Non-harmful event
30046	99.5	95	No crash event
1	0.0	98	Not reported

---

Variable 148	E11: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #11: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30046	99.5	0	No crash event
93	0.3	1	Vehicle #1
26	0.1	2	Vehicle #2
18	0.1	3	Vehicle #3
6	0.0	4	Vehicle #4
4	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
1	0.0	8	Vehicle #8

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<u>Variable 149</u>	<u>E11: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

## Crash Event #11: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30046	99.5	0	No crash event
2	0.0	1	Vehicle #1
1	0.0	2	Vehicle #2
4	0.0	3	Vehicle #3
5	0.0	4	Vehicle #4
1	0.0	5	Vehicle #5
3	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9
1	0.0	10	Vehicle #10
1	0.0	12	Vehicle #12
129	0.4	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 150</u>	<u>E12: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

## Crash Event #12: Event

3Nov2011	Prcnt	Code	Value and Description
30119	99.7	0	No crash event
12	0.0	1	Rollover/overturn
1	0.0	2	Fire/explosion
1	0.0	3	Immersion
2	0.0	8	Pedestrian
11	0.0	12	Motor vehicle in transport
4	0.0	14	Parked motor vehicle
2	0.0	19	Building
5	0.0	24	Guardrail face
1	0.0	30	Utility pole/light support
1	0.0	34	Ditch
3	0.0	38	Fence
3	0.0	39	Wall
6	0.0	42	Tree (standing only)
1	0.0	51	Jackknife (harmful to this vehicle)
3	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
2	0.0	59	Traffic sign support
1	0.0	62	Separation of units
10	0.0	63	Ran off road - right

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Variable 150:E12: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	64	Ran off road - left
1	0.0	67	Vehicle went airborne
1	0.0	68	Cross centerline
1	0.0	70	Jackknife (non-harmful)

Variable 151	E12: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #12: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
15	0.0	0	Noncollision
1	0.0	1	1 o'clock
2	0.0	3	3 o'clock
2	0.0	6	6 o'clock
1	0.0	9	9 o'clock
1	0.0	11	11 o'clock
13	0.0	12	12 o'clock
2	0.0	13	Top
1	0.0	14	Undercarriage
6	0.0	18	Set-in-motion (not a clock point)
19	0.1	55	Non-harmful event
2	0.0	62	Left-front half
1	0.0	81	Right
2	0.0	82	Right-front half
30119	99.7	95	No crash event
7	0.0	98	Not reported
2	0.0	99	Unknown

Variable 152	E12: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #12: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
7	0.0	6	6 o'clock
1	0.0	9	9 o'clock
5	0.0	12	12 o'clock
1	0.0	18	Set-in-motion (not a clock point)
59	0.2	55	Non-harmful event
1	0.0	61	Left
30119	99.7	95	No crash event

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Variable 152:E12: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt      Code Value and Description

3	0.0	99	Unknown
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<u>Variable 153</u>	<u>E12: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #12: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

30119	99.7	0	No crash event
42	0.1	1	Vehicle #1
11	0.0	2	Vehicle #2
13	0.0	3	Vehicle #3
3	0.0	4	Vehicle #4
4	0.0	5	Vehicle #5
1	0.0	7	Vehicle #7
2	0.0	8	Vehicle #8
1	0.0	12	Vehicle #12

<u>Variable 154</u>	<u>E12: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #12: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

30119	99.7	0	No crash event
3	0.0	1	Vehicle #1
1	0.0	2	Vehicle #2
1	0.0	3	Vehicle #3
3	0.0	4	Vehicle #4
5	0.0	5	Vehicle #5
2	0.0	7	Vehicle #7
1	0.0	9	Vehicle #9
1	0.0	10	Vehicle #10
1	0.0	13	Vehicle #13
59	0.2	9999	Not applicable; not a collision between two motor vehicles

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<u>Variable 155</u>	<u>E13: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #13: Event

3Nov2011	Prcnt	Code	Value and Description
30147	99.8	0	No crash event
7	0.0	1	Rollover/overturn
1	0.0	2	Fire/explosion
10	0.0	12	Motor vehicle in transport
2	0.0	14	Parked motor vehicle
1	0.0	23	Bridge rail (includes parapet)
2	0.0	24	Guardrail face
1	0.0	32	Culvert
2	0.0	33	Curb
2	0.0	34	Ditch
1	0.0	35	Embankment
1	0.0	38	Fence
1	0.0	41	Shrubbery
6	0.0	42	Tree (standing only)
2	0.0	43	Other fixed object
1	0.0	46	Traffic signal support
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
2	0.0	59	Traffic sign support
4	0.0	63	Ran off road - right
1	0.0	65	Cross median
1	0.0	69	Re-entering highway

<u>Variable 156</u>	<u>E13: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #13: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
8	0.0	0	Noncollision
1	0.0	1	1 o'clock
2	0.0	3	3 o'clock
1	0.0	5	5 o'clock
1	0.0	9	9 o'clock
9	0.0	12	12 o'clock
4	0.0	13	Top
2	0.0	14	Undercarriage
1	0.0	18	Set-in-motion (not a clock point)
6	0.0	55	Non-harmful event
1	0.0	61	Left
1	0.0	63	Left-back half

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Variable 156:E13: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt      Code Value and Description

30147	99.8	95	No crash event
7	0.0	98	Not reported
5	0.0	99	Unknown

---

Variable 157	E13: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI2

Crash Event #13: Area of Impact (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

1	0.0	4	4 o'clock
3	0.0	6	6 o'clock
4	0.0	12	12 o'clock
2	0.0	13	Top
1	0.0	18	Set-in-motion (not a clock point)
36	0.1	55	Non-harmful event
1	0.0	81	Right
30147	99.8	95	No crash event
1	0.0	99	Unknown

---

Variable 158	E13: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #13: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

30147	99.8	0	No crash event
25	0.1	1	Vehicle #1
7	0.0	2	Vehicle #2
7	0.0	3	Vehicle #3
2	0.0	4	Vehicle #4
2	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	9	Vehicle #9
1	0.0	10	Vehicle #10
1	0.0	13	Vehicle #13



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<u>Variable 159</u>	<u>E13: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #13: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30147	99.8	0	No crash event
2	0.0	1	Vehicle #1
3	0.0	2	Vehicle #2
1	0.0	4	Vehicle #4
1	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	10	Vehicle #10
1	0.0	11	Vehicle #11
1	0.0	14	Vehicle #14
36	0.1	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 160</u>	<u>E14: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #14: Event

3Nov2011	Prcnt	Code	Value and Description
30170	99.9	0	No crash event
3	0.0	1	Rollover/overturn
1	0.0	8	Pedestrian
3	0.0	12	Motor vehicle in transport
2	0.0	14	Parked motor vehicle
1	0.0	18	Other object (not fixed)
1	0.0	21	Bridge pier or support
1	0.0	23	Bridge rail (includes parapet)
2	0.0	31	Other post, other pole, or other support
1	0.0	41	Shrubbery
2	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	59	Traffic sign support
2	0.0	63	Ran off road - right
3	0.0	64	Ran off road - left
1	0.0	68	Cross centerline
1	0.0	69	Re-entering highway
1	0.0	70	Jackknife (non-harmful)

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<u>Variable 161</u>	<u>E14: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

## Crash Event #14: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
3	0.0	0	Noncollision
1	0.0	1	1 o'clock
1	0.0	6	6 o'clock
1	0.0	9	9 o'clock
1	0.0	11	11 o'clock
4	0.0	12	12 o'clock
2	0.0	18	Set-in-motion (not a clock point)
8	0.0	55	Non-harmful event
30170	99.9	95	No crash event
2	0.0	98	Not reported
3	0.0	99	Unknown

<u>Variable 162</u>	<u>E14: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

## Crash Event #14: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2	0.0	6	6 o'clock
2	0.0	12	12 o'clock
1	0.0	18	Set-in-motion (not a clock point)
19	0.1	55	Non-harmful event
30170	99.9	95	No crash event
2	0.0	99	Unknown

<u>Variable 163</u>	<u>E14: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

## Crash Event #14: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30170	99.9	0	No crash event
13	0.0	1	Vehicle #1
3	0.0	2	Vehicle #2
1	0.0	3	Vehicle #3
2	0.0	4	Vehicle #4
1	0.0	5	Vehicle #5

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Variable 163:E14: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	10	Vehicle #10
1	0.0	14	Vehicle #14

Variable 164	E14: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #14: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

30170	99.9	0	No crash event
1	0.0	1	Vehicle #1
2	0.0	3	Vehicle #3
1	0.0	5	Vehicle #5
1	0.0	7	Vehicle #7
1	0.0	11	Vehicle #11
1	0.0	15	Vehicle #15
19	0.1	9999	Not applicable; not a collision between two motor vehicles

Variable 165	E15: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #15: Event

3Nov2011 Prcnt Code Value and Description

30177	99.9	0	No crash event
1	0.0	1	Rollover/overturn
2	0.0	2	Fire/explosion
5	0.0	12	Motor vehicle in transport
1	0.0	14	Parked motor vehicle
1	0.0	21	Bridge pier or support
1	0.0	25	Concrete traffic barrier
1	0.0	33	Curb
1	0.0	38	Fence
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
2	0.0	63	Ran off road - right
1	0.0	68	Cross centerline

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Variable 165:E15: EVENT (Continued)

3Nov2011 Prcnt      Code Value and Description

1	0.0	69	Re-entering highway
1	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 166	E15: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #15: Area of Impact (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

4	0.0	0	Noncollision
1	0.0	7	7 o'clock
1	0.0	9	9 o'clock
6	0.0	12	12 o'clock
2	0.0	13	Top
4	0.0	55	Non-harmful event
1	0.0	81	Right
30177	99.9	95	No crash event

Variable 167	E15: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #15: Area of Impact (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

3	0.0	6	6 o'clock
1	0.0	8	8 o'clock
2	0.0	12	12 o'clock
1	0.0	18	Set-in-motion (not a clock point)
12	0.0	55	Non-harmful event
30177	99.9	95	No crash event

Variable 168	E15: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #15: Vehicle Number (This Vehicle)

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Variable 168:E15: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

30177	99.9	0	No crash event
12	0.0	1	Vehicle #1
2	0.0	4	Vehicle #4
3	0.0	5	Vehicle #5
1	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8

Variable 169	E15: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #15: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

30177	99.9	0	No crash event
1	0.0	1	Vehicle #1
1	0.0	3	Vehicle #3
2	0.0	4	Vehicle #4
1	0.0	7	Vehicle #7
2	0.0	12	Vehicle #12
12	0.0	9999	Not applicable; not a collision between two motor vehicles

Variable 170	E16: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #16: Event

3Nov2011 Prcnt Code Value and Description

30182	100.0	0	No crash event
3	0.0	2	Fire/explosion
6	0.0	12	Motor vehicle in transport
1	0.0	24	Guardrail face
1	0.0	34	Ditch
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	63	Ran off road - right
1	0.0	67	Vehicle went airborne

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<u>Variable 171</u>	<u>E16: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #16: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

3	0.0	0	Noncollision
1	0.0	1	1 o'clock
1	0.0	3	3 o'clock
1	0.0	4	4 o'clock
4	0.0	12	12 o'clock
2	0.0	55	Non-harmful event
1	0.0	82	Right-front half
30182	100.0	95	No crash event
1	0.0	99	Unknown

<u>Variable 172</u>	<u>E16: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #16: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

3	0.0	6	6 o'clock
1	0.0	7	7 o'clock
1	0.0	9	9 o'clock
1	0.0	11	11 o'clock
1	0.0	18	Set-in-motion (not a clock point)
7	0.0	55	Non-harmful event
30182	100.0	95	No crash event

<u>Variable 173</u>	<u>E16: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #16: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30182	100.0	0	No crash event
6	0.0	1	Vehicle #1
1	0.0	3	Vehicle #3
2	0.0	4	Vehicle #4
2	0.0	7	Vehicle #7
1	0.0	9	Vehicle #9
2	0.0	12	Vehicle #12

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<u>Variable 174</u>	<u>E16: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #16: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30182	100.0	0	No crash event
1	0.0	1	Vehicle #1
2	0.0	2	Vehicle #2
1	0.0	5	Vehicle #5
1	0.0	8	Vehicle #8
2	0.0	13	Vehicle #13
7	0.0	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 175</u>	<u>E17: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #17: Event

3Nov2011	Prcnt	Code	Value and Description
30184	100.0	0	No crash event
1	0.0	1	Rollover/overturn
2	0.0	2	Fire/explosion
3	0.0	12	Motor vehicle in transport
1	0.0	14	Parked motor vehicle
1	0.0	24	Guardrail face
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	64	Ran off road - left
1	0.0	67	Vehicle went airborne
1	0.0	69	Re-entering highway

<u>Variable 176</u>	<u>E17: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #17: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
3	0.0	0	Noncollision
1	0.0	4	4 o'clock
1	0.0	12	12 o'clock

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Variable 176:E17: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	13	Top
3	0.0	55	Non-harmful event
1	0.0	82	Right-front half
30184	100.0	95	No crash event
1	0.0	98	Not reported
1	0.0	99	Unknown

Variable 177	E17: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #17: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

1	0.0	6	6 o'clock
1	0.0	9	9 o'clock
1	0.0	13	Top
1	0.0	18	Set-in-motion (not a clock point)
7	0.0	55	Non-harmful event
1	0.0	62	Left-front half
30184	100.0	95	No crash event

Variable 178	E17: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #17: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30184	100.0	0	No crash event
4	0.0	1	Vehicle #1
1	0.0	2	Vehicle #2
2	0.0	4	Vehicle #4
2	0.0	5	Vehicle #5
1	0.0	8	Vehicle #8
1	0.0	10	Vehicle #10
1	0.0	12	Vehicle #12



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<hr/> Variable 179	<hr/> E17: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #17: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30184	100.0	0	No crash event
2	0.0	1	Vehicle #1
1	0.0	3	Vehicle #3
1	0.0	6	Vehicle #6
1	0.0	15	Vehicle #15
7	0.0	9999	Not applicable; not a collision between two motor vehicles

<hr/> Variable 180	<hr/> E18: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #18: Event

3Nov2011	Prcnt	Code	Value and Description
30187	100.0	0	No crash event
1	0.0	1	Rollover/overturn
3	0.0	12	Motor vehicle in transport
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	62	Separation of units
1	0.0	63	Ran off road - right
1	0.0	64	Ran off road - left
1	0.0	68	Cross centerline

<hr/> Variable 181	<hr/> E18: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #18: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	0	Noncollision
1	0.0	9	9 o'clock
4	0.0	55	Non-harmful event
1	0.0	81	Right
30187	100.0	95	No crash event
1	0.0	98	Not reported

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Variable 181:E18: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	99	Unknown
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Variable 182	E18: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #18: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

2	0.0	6	6 o'clock
1	0.0	11	11 o'clock
1	0.0	18	Set-in-motion (not a clock point)
5	0.0	55	Non-harmful event
30187	100.0	95	No crash event

Variable 183	E18: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #18: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30187	100.0	0	No crash event
4	0.0	1	Vehicle #1
1	0.0	2	Vehicle #2
1	0.0	6	Vehicle #6
1	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12
1	0.0	13	Vehicle #13

Variable 184	E18: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #18: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

30187	100.0	0	No crash event
1	0.0	1	Vehicle #1
1	0.0	5	Vehicle #5

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Variable 184:E18: VEH NUMBER (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	13	Vehicle #13
1	0.0	14	Vehicle #14
5	0.0	9999	Not applicable; not a collision between two motor vehicles

---

Variable 185	E19: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.SOE

Crash Event #19: Event

3Nov2011	Prcnt	Code	Value and Description
30189	100.0	0	No crash event
1	0.0	1	Rollover/overturn
1	0.0	2	Fire/explosion
1	0.0	12	Motor vehicle in transport
1	0.0	25	Concrete traffic barrier
2	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	63	Ran off road - right

---

Variable 186	E19: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI1

Crash Event #19: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2	0.0	0	Noncollision
1	0.0	55	Non-harmful event
30189	100.0	95	No crash event
1	0.0	98	Not reported
3	0.0	99	Unknown

---

Variable 187	E19: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI2

Crash Event #19: Area of Impact (Other Vehicle)

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Variable 187:E19: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	12	12 o'clock
1	0.0	18	Set-in-motion (not a clock point)
4	0.0	55	Non-harmful event
30189	100.0	95	No crash event
1	0.0	98	Not reported

---

Variable 188	E19: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #19: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30189	100.0	0	No crash event
4	0.0	1	Vehicle #1
1	0.0	4	Vehicle #4
1	0.0	6	Vehicle #6
1	0.0	12	Vehicle #12

---

Variable 189	E19: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #19: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

30189	100.0	0	No crash event
1	0.0	1	Vehicle #1
1	0.0	3	Vehicle #3
1	0.0	5	Vehicle #5
4	0.0	9999	Not applicable; not a collision between two motor vehicles

---

Variable 190	E20: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.SOE

Crash Event #20: Event

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Variable 190:E20: EVENT (Continued)

3Nov2011 Prcnt Code Value and Description

30193	100.0	0	No crash event
1	0.0	12	Motor vehicle in transport
1	0.0	42	Tree (standing only)
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport

---

Variable 191	E20: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI1

Crash Event #20: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

1	0.0	12	12 o'clock
30193	100.0	95	No crash event
2	0.0	99	Unknown

---

Variable 192	E20: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.AOI2

Crash Event #20: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

1	0.0	12	12 o'clock
1	0.0	55	Non-harmful event
30193	100.0	95	No crash event
1	0.0	99	Unknown

---

Variable 193	E20: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #20: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30193	100.0	0	No crash event
3	0.0	1	Vehicle #1

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<u>Variable 194</u>	<u>E20: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #20: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30193	100.0	0	No crash event
1	0.0	4	Vehicle #4
1	0.0	8	Vehicle #8
1	0.0	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 195</u>	<u>E21: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #21: Event

3Nov2011	Prcnt	Code	Value and Description
30194	100.0	0	No crash event
1	0.0	12	Motor vehicle in transport
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport

<u>Variable 196</u>	<u>E21: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #21: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
30194	100.0	95	No crash event
2	0.0	99	Unknown

<u>Variable 197</u>	<u>E21: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #21: Area of Impact (Other Vehicle)

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Variable 197:E21: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	6	6 o'clock
1	0.0	12	12 o'clock
30194	100.0	95	No crash event

Variable 198	E21: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #21: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30194	100.0	0	No crash event
2	0.0	1	Vehicle #1

Variable 199	E21: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #21: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

30194	100.0	0	No crash event
1	0.0	5	Vehicle #5
1	0.0	9	Vehicle #9

Variable 200	E22: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #22: Event

3Nov2011 Prcnt Code Value and Description

30195	100.0	0	No crash event
1	0.0	63	Ran off road - right

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<u>Variable 201</u>	<u>E22: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #22: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
----------	-------	------	-----------------------

1	0.0	55	Non-harmful event
30195	100.0	95	No crash event

<u>Variable 202</u>	<u>E22: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #22: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
----------	-------	------	-----------------------

1	0.0	55	Non-harmful event
30195	100.0	95	No crash event

<u>Variable 203</u>	<u>E22: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #22: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
----------	-------	------	-----------------------

30195	100.0	0	No crash event
1	0.0	9	Vehicle #9

<u>Variable 204</u>	<u>E22: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #22: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
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30195	100.0	0	No crash event
1	0.0	9999	Not applicable; not a collision between two motor vehicles



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<u>Variable 205</u>	<u>E23: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #23: Event

3Nov2011	Prcnt		Code	Value	Description
		30195	100.0	0	No crash event
		1	0.0	12	Motor vehicle in transport

<u>Variable 206</u>	<u>E23: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #23: Area of Impact (This Vehicle)

3Nov2011	Prcnt		Code	Value	Description
		30195	100.0	95	No crash event
		1	0.0	99	Unknown

<u>Variable 207</u>	<u>E23: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #23: Area of Impact (Other Vehicle)

3Nov2011	Prcnt		Code	Value	Description
				1	0.0
		30195	100.0	95	No crash event

<u>Variable 208</u>	<u>E23: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #23: Vehicle Number (This Vehicle)

3Nov2011	Prcnt		Code	Value	Description
		30195	100.0	0	No crash event
		1	0.0	9	Vehicle #9

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<u>Variable 209</u>	<u>E23: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #23: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

30195	100.0	0	No crash event
1	0.0	11	Vehicle #11

<u>Variable 210</u>	<u>E24: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #24: Event

3Nov2011 Prcnt      Code Value and Description

30195	100.0	0	No crash event
1	0.0	64	Ran off road - left

<u>Variable 211</u>	<u>E24: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #24: Area of Impact (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

1	0.0	55	Non-harmful event
30195	100.0	95	No crash event

<u>Variable 212</u>	<u>E24: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #24: Area of Impact (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

1	0.0	55	Non-harmful event
30195	100.0	95	No crash event

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<u>Variable 213</u>	<u>E24: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #24: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30195	100.0	0	No crash event
1	0.0	1	Vehicle #1

<u>Variable 214</u>	<u>E24: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #24: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

30195	100.0	0	No crash event
1	0.0	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 215</u>	<u>E25: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.SOE

Crash Event #25: Event

3Nov2011 Prcnt Code Value and Description

30195	100.0	0	No crash event
1	0.0	25	Concrete traffic barrier

<u>Variable 216</u>	<u>E25: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI1

Crash Event #25: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30195	100.0	95	No crash event
1	0.0	99	Unknown

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<u>Variable 217</u>	<u>E25: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.AOI2

Crash Event #25: Area of Impact (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

1	0.0	55	Non-harmful event
30195	100.0	95	No crash event

<u>Variable 218</u>	<u>E25: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER1

Crash Event #25: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

30195	100.0	0	No crash event
1	0.0	1	Vehicle #1

<u>Variable 219</u>	<u>E25: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Cevent.VNUMBER2

Crash Event #25: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

30195	100.0	0	No crash event
1	0.0	9999	Not applicable; not a collision between two motor vehicles

The VEHICLE Variables

Variables 301 through 580 describe the vehicles involved in the crash. They are included in the Vehicle, Occupant, and Nonmotorist data sets. The Vehicle data set contains these variables, along with the accident and driver variables on a vehicle level.

Variable 301	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 302	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST\_CASE

Variable 303	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

45777 100.0	0	Sequence number 0
-------------	---	-------------------

Variable 304	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH\_NO

3Nov2011 Prcnt Code Value and Description

30196 66.0	1	Vehicle #1
12614 27.6	2	Vehicle #2
2093 4.6	3	Vehicle #3
545 1.2	4	Vehicle #4
183 0.4	5	Vehicle #5
63 0.1	6	Vehicle #6
31 0.1	7	Vehicle #7
18 0.0	8	Vehicle #8
10 0.0	9	Vehicle #9
6 0.0	10	Vehicle #10

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Variable 304:VEHICLE NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

6	0.0	11	Vehicle #11
4	0.0	12	Vehicle #12
3	0.0	13	Vehicle #13
3	0.0	14	Vehicle #14
2	0.0	15	Vehicle #15

---

Variable 305	RECORD TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - LEVEL

3Nov2011 Prcnt Code Value and Description

45777	100.0	2	Vehicle record
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Variable 306	UNIT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - UNITTYPE

3Nov2011 Prcnt Code Value and Description

44713	97.7	1	Motor vehicle in-transport (inside or outside the trafficway)
536	1.2	2	Motor vehicle NOT in-transport within the trafficway
499	1.1	3	Motor vehicle NOT in-transport outside the trafficway
29	0.1	4	Working motor vehicle (highway construction, maintenance, utility only)

---

Variable 307	NUMBER OF OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - NUMOCCS

Drivers and injured passengers only are reported by some states.  
The total number of occupants is unknown in those cases, and will now be coded 99 "Unknown".

3Nov2011 Prcnt Code Value and Description

1091	2.4	0	None
30253	66.1	1	1 occupant
		-	
1	0.0	58	58 occupants
89	0.2	99	Unknown

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Variable 308	VEHICLE MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MAKE

3Nov2011 Prcnt Code Value and Description

3	0.0	1	American Motors
1073	2.3	2	Jeep
30	0.1	3	AM General
878	1.9	6	Chrysler
2865	6.3	7	Dodge
0	0.0	8	Imperial
208	0.5	9	Plymouth
13	0.0	10	Eagle
7274	15.9	12	Ford
388	0.8	13	Lincoln
694	1.5	14	Mercury
910	2.0	18	Buick/Opel
423	0.9	19	Cadillac
6686	14.6	20	Chevrolet
510	1.1	21	Oldsmobile
1188	2.6	22	Pontiac
1368	3.0	23	GMC
502	1.1	24	Saturn
1	0.0	25	Grumman
3	0.0	29	Other domestic
352	0.8	30	Volkswagen
2	0.0	31	Alfa Romeo
75	0.2	32	Audi
0	0.0	33	Austin/Healey
356	0.8	34	BMW
1675	3.7	35	Datsun/Nissan
0	0.0	36	Fiat
3077	6.7	37	Honda
191	0.4	38	Isuzu
45	0.1	39	Jaguar
0	0.0	40	Lancia
536	1.2	41	Mazda
247	0.5	42	Mercedes-Benz
1	0.0	43	MG
0	0.0	44	Peugeot
12	0.0	45	Porsche
0	0.0	46	Renault
44	0.1	47	Saab
282	0.6	48	Subaru
3056	6.7	49	Toyota
43	0.1	50	Triumph
382	0.8	51	Volvo
451	1.0	52	Mitsubishi
852	1.9	53	Suzuki
315	0.7	54	Acura
538	1.2	55	Hyundai
1	0.0	56	Merkur
0	0.0	57	Yugo
161	0.4	58	Infiniti

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2010 - Vehicle

Variable 308:VEHICLE MAKE (Continued)

3Nov2011	Prcnt	Code	Value and Description
284	0.6	59	Lexus
0	0.0	60	Daihatsu
0	0.0	61	Sterling
45	0.1	62	Land Rover
427	0.9	63	Kia
14	0.0	64	Daewoo
3	0.0	65	Smart
29	0.1	69	Other Imports
0	0.0	70	BSA
36	0.1	71	Ducati
1691	3.7	72	Harley-Davidson
469	1.0	73	Kawasaki
1	0.0	74	Moto-Guzzi
2	0.0	75	Norton
616	1.3	76	Yamaha
19	0.0	77	Victory
0	0.0	78	Other Make Moped
0	0.0	79	Other Make Motored Cycle
0	0.0	80	Brockway
0	0.0	81	Diamond-Reo
921	2.0	82	Freightliner
0	0.0	83	FWD
641	1.4	84	International Harvester/Navistar
429	0.9	85	Kenworth
275	0.6	86	Mack
465	1.0	87	Peterbilt
1	0.0	88	Iveco/Magirus
35	0.1	89	White/Autocar - White/GMC
24	0.1	90	Bluebird
0	0.0	91	Eagle Coach
30	0.1	92	Gillag
22	0.0	93	MCI
18	0.0	94	Thomas Built
0	0.0	97	Not reported
747	1.6	98	Other make
822	1.8	99	Unknown make

Variable 309	VEHICLE MAKE-MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

NHTSA SAS Variable - MAKE and MODEL

3Nov2011	Prcnt	Code	Value and Description
			American Motors
0	0.0	1001	Rambler/American
0	0.0	1002	Rebel/Matador/Marlin
0	0.0	1003	Ambassador
0	0.0	1004	Pacer
0	0.0	1005	AMX



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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	1006	Javelin
1	0.0	1007	Hornet/Concord
0	0.0	1008	Spirit/Gremlin
1	0.0	1009	Eagle
0	0.0	1010	Eagle SX-4
0	0.0	1398	Other automobile
1	0.0	1399	Unknown automobile
Jeep			
4	0.0	2001	Compass Basic, Sport, Limited
1	0.0	2401	CJ-2/CJ-3/CJ-4
15	0.0	2402	CJ-5/CJ-6/CJ-7/CJ-8
171	0.4	2403	YJ series/Wrangler
690	1.5	2404	Cherokee (1984 on)
139	0.3	2405	Liberty
29	0.1	2406	Commander
14	0.0	2407	Patriot Sport, Limited
0	0.0	2421	Cherokee (thru 83)
2	0.0	2431	Grand Wagoneer
2	0.0	2481	Pickup
3	0.0	2482	Comanche
1	0.0	2498	Other light truck
2	0.0	2499	Unknown light truck
0	0.0	2999	Unknown Jeep
AM General			
0	0.0	3401	Dispatcher (Post Office Jeep)
7	0.0	3402	Hummer H3
3	0.0	3421	Hummer (SUV) (from 1993-2003; see model 03431 for 2004 on)
16	0.0	3431	Hummer (SUV) (2004 on; see model 03421 for 1993-2003)
0	0.0	3466	Dispatcher DJ
2	0.0	3481	Hummer (Pickup)
0	0.0	3482	Hummer
2	0.0	3498	Other light truck
0	0.0	3499	Unknown light truck
0	0.0	3884	Med/Hvy truck
0	0.0	3898	Other med/hvy truck
0	0.0	3899	Unk med/hvy truck
0	0.0	3983	Bus rear engine, flat front
0	0.0	3988	Other bus
0	0.0	3989	Unknown bus type
0	0.0	3998	Other vehicle
0	0.0	3999	Unknown AM General
Chrysler			
1	0.0	6009	Cordoba
3	0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
11	0.0	6014	New Yorker/E-Class/Imperial (90-93)/Fifth Avenue
0	0.0	6015	Laser
12	0.0	6016	Lebaron

FATALITY ANALYSIS REPORTING SYSTEM  
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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

5	0.0	6017	Lebaron GTS/GTC
0	0.0	6031	TC Maserati Sport
0	0.0	6035	Conquest
48	0.1	6041	Concorde
22	0.0	6042	LHS - New Yorker (94 on)
173	0.4	6043	Sebring
18	0.0	6044	Cirrus
0	0.0	6050	Executive (Sedan and Limo)
117	0.3	6051	300M/300/300C
171	0.4	6052	PT Cruiser
54	0.1	6054	Pacifica
5	0.0	6055	Crossfire
1	0.0	6398	Other auto
1	0.0	6399	Unknown auto
6	0.0	6421	Aspen
212	0.5	6441	Town & Country (Minivan)
17	0.0	6442	Voyager (2001-on, for 1984-2000 see Plymouth)
0	0.0	6498	Other light truck
1	0.0	6499	Unknown light truck
0	0.0	6999	Unknown Chrysler

## Dodge

0	0.0	7001	Dart
1	0.0	7002	Coronet/Magnum/Charger(thru 78)
0	0.0	7003	Polara/Monaco/Royal Monaco
5	0.0	7004	Viper
0	0.0	7005	Challenger
1	0.0	7006	Aspen
0	0.0	7007	Diplomat
2	0.0	7008	Omni/Charger(83 on)
0	0.0	7009	Mirada
0	0.0	7010	St Regis
5	0.0	7011	Aries (K)
0	0.0	7012	400
0	0.0	7013	Rampage (car based pickup)
2	0.0	7014	600
1	0.0	7015	Daytona
0	0.0	7016	Lancer
5	0.0	7017	Shadow
12	0.0	7018	Dynasty
6	0.0	7019	Spirit
180	0.4	7020	Neon
29	0.1	7021	Magnum
80	0.2	7024	Charger (2006-08)
45	0.1	7025	Caliber
29	0.1	7026	Avenger (2008)
13	0.0	7027	Journey
9	0.0	7028	Challenger (2008-on)
0	0.0	7033	Challenger (import, '78-'83)
1	0.0	7034	Colt (excludes Vista)
0	0.0	7035	Conquest
7	0.0	7039	Stealth

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	7040	Monaco
99	0.2	7041	Intrepid
21	0.0	7042	Avenger (1995-2000)
147	0.3	7043	Stratus
1	0.0	7398	Other auto
2	0.0	7399	Unknown auto
1	0.0	7401	Raider
156	0.3	7402	Durango (1998-2003 only; see model 07422 for 2004 on)
12	0.0	7403	Nitro
2	0.0	7421	Ramcharger
76	0.2	7422	Durango (2004 on; see 07402 for 1998-2003 models)
0	0.0	7441	Vista
429	0.9	7442	Caravan/Grand Caravan
72	0.2	7461	B-series Van/Ram Van/Ram Wagon
9	0.0	7462	Sprinter
2	0.0	7470	Van Derivative
8	0.0	7471	D50,Colt Pickup,Ram 50/100
276	0.6	7472	Dakota
55	0.1	7481	D,W-series Pickup
1009	2.2	7482	Ram Pickup
1	0.0	7498	Other light truck
2	0.0	7499	Unknown light truck
2	0.0	7850	Motor home
36	0.1	7880	Medium/Heavy Pickup
12	0.0	7881	Med/hvy CBE
0	0.0	7882	Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
0	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
1	0.0	7898	Other med/hvy truck
0	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium bus (not van based)
0	0.0	7988	Other bus
0	0.0	7998	Other vehicle
1	0.0	7999	Unknown Dodge
Imperial			
0	0.0	8010	Imperial
0	0.0	8398	Other auto
0	0.0	8399	Unknown auto
0	0.0	8999	Unknown Imperial
Plymouth			
0	0.0	9001	Valiant/Scamp/Duster(thru 76)
1	0.0	9002	Satellite/Belvedere
1	0.0	9003	Fury, Gran Fury (thru 78)
0	0.0	9004	Gran Fury (80 on)
0	0.0	9005	Barracuda
0	0.0	9006	Volare'
1	0.0	9007	Caravelle
0	0.0	9008	Horizon, Turismo
2	0.0	9011	Reliant (K)

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	9013	Scamp-car based pickup
12	0.0	9017	Sundance
9	0.0	9019	Acclaim
52	0.1	9020	Neon (1995-2001, 2002-on see Dodge)
0	0.0	9031	Cricket
0	0.0	9032	Arrow
0	0.0	9033	Sapporo import
2	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
0	0.0	9037	Laser
25	0.1	9038	Breeze
0	0.0	9039	Prowler (1997, 1999-2001; 2002-on see Chrysler)
2	0.0	9398	Other auto
1	0.0	9399	Unknown auto
0	0.0	9421	Trailduster
0	0.0	9441	Vista van
98	0.2	9442	Voyager (minivan) (1984-2000 only, 2001-on see Chrysler)
2	0.0	9461	B-series Van (fullsize)
0	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other light truck
0	0.0	9499	Unknown light truck
0	0.0	9998	Other vehicle
0	0.0	9999	Unknown Plymouth
Eagle			
2	0.0	10034	Summit (excludes wagon)
7	0.0	10037	Talon
0	0.0	10040	Premier
2	0.0	10041	Vision
0	0.0	10044	Medallion
2	0.0	10045	Summit Wagon
0	0.0	10398	Other auto
0	0.0	10399	Unknown auto
0	0.0	10999	Unknown Eagle
Ford			
1	0.0	12001	Falcon
0	0.0	12002	Fairlane
371	0.8	12003	Mustang/Mustang II
50	0.1	12004	Thunderbird
0	0.0	12005	Ltd II
6	0.0	12006	Ltd/Galaxy/Custom
0	0.0	12007	Ranchero
0	0.0	12008	Maverick
0	0.0	12009	Pinto
0	0.0	12010	Torino/Gran Torino/Elite
0	0.0	12011	Granada
1	0.0	12012	Fairmont
241	0.5	12013	Escort/EXP/ZX2
22	0.0	12015	Tempo
279	0.6	12016	Crown Victoria

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
520	1.1	12017	Taurus/Taurus X
16	0.0	12018	Probe
20	0.0	12021	Five Hundred
12	0.0	12022	Freestyle
102	0.2	12023	Fusion
37	0.1	12024	Edge
2	0.0	12025	Flex
0	0.0	12031	English Ford
0	0.0	12032	Fiesta
7	0.0	12033	Festiva
0	0.0	12034	Laser
79	0.2	12035	Contour
12	0.0	12036	Aspire
343	0.7	12037	Focus
1	0.0	12038	GT
13	0.0	12398	Other auto
5	0.0	12399	Unknown auto
901	2.0	12401	Bronco II / Bronco (thru 77) / Explorer / Explorer Sport
175	0.4	12402	Escape
31	0.1	12421	Bronco-fullsize (78 on)
305	0.7	12422	Expedition
41	0.1	12423	Excursion
42	0.1	12441	Aerostar
170	0.4	12442	Windstar
28	0.1	12443	Freestar
1	0.0	12444	Transit connect
343	0.7	12461	E-series Van\Ecoline
1	0.0	12470	Van derivative
620	1.4	12471	Ranger
0	0.0	12472	Courier
51	0.1	12473	Explorer Sport Trac
2128	4.6	12481	F-series Pickup
4	0.0	12498	Other light truck
6	0.0	12499	Unknown light truck
10	0.0	12850	Motorhome truck based
4	0.0	12870	Medium / heavy van based vehicle
53	0.1	12880	Medium / heavy pickup (pickup-style - over 10,000 lbs)
194	0.4	12881	Med/Hvy CBE
3	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
5	0.0	12884	Med/Hvy unk engine location
0	0.0	12890	Med/Hvy COE unk entry position
1	0.0	12898	Other Med/Hvy truck
0	0.0	12899	Unk Med/Hvy truck
3	0.0	12981	Medium bus
3	0.0	12988	Other bus
4	0.0	12998	Other vehicle
7	0.0	12999	Unknown Ford

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

			Lincoln	
190	0.4	13001	Town Car/Continental (-81)	
19	0.0	13002	Mark I - VIII	
34	0.1	13005	Continental (82 on)	
0	0.0	13011	Versailles	
38	0.1	13012	LS	
11	0.0	13013	Zephyr / MKZ	
4	0.0	13014	MKX	
4	0.0	13015	MKS	
0	0.0	13016	MKT	
5	0.0	13398	Other auto	
0	0.0	13399	Unknown auto	
13	0.0	13401	Aviator	
60	0.1	13421	Navigator	
0	0.0	13481	Blackwood	
10	0.0	13482	Mark LT	
			Mercury	
0	0.0	14002	Cyclone	
2	0.0	14003	Capri-domestic (1967 only, see 14008)	
28	0.1	14004	Cougar (1967-1997) / XR7	
220	0.5	14006	Marquis/Monterey(car version; for van version 2004 on see code 444)/Grand Marquis	
0	0.0	14008	Comet	
0	0.0	14009	Bobcat	
0	0.0	14010	Montego (prior to 1976; for 2005 on see code 020)	
0	0.0	14011	Monarch	
0	0.0	14012	Zephyr	
0	0.0	14013	Lynx/LN7 (82-83)	
14	0.0	14015	Topaz	
152	0.3	14017	Sable	
7	0.0	14020	Montego (2005 on)	
20	0.0	14021	Milan	
0	0.0	14031	Capri-foreign	
0	0.0	14033	Pantera	
28	0.1	14036	Tracer	
31	0.1	14037	Mystique	
29	0.1	14038	Cougar (1999-2002)	
3	0.0	14039	Marauder	
2	0.0	14398	Other auto	
0	0.0	14399	Unknown auto	
92	0.2	14401	Mountaineer	
16	0.0	14402	Mariner	
47	0.1	14443	Villager	
3	0.0	14444	Monterey (van version; for car version prior to 2004 see code 006.)	
0	0.0	14498	Other light truck	
0	0.0	14499	Unknown light truck	
0	0.0	14999	Unknown Mercury	
			Buick	
0	0.0	18001	Special/Skylark	

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

277	0.6	18002	Lesabre/Wildcat/Centurion
93	0.2	18003	Electra/Electra 225/Park Avenue (91 on)
24	0.1	18004	Roadmaster
12	0.0	18005	Riviera
223	0.5	18007	Century
0	0.0	18008	Apollo/Skylark (75)
6	0.0	18010	Regal (RWD only)
2	0.0	18012	Skyhawk
1	0.0	18015	Skylark (76-85)
18	0.0	18018	Somerset/Skylark(86 on)
110	0.2	18020	Regal (FWD)
2	0.0	18021	Reatta
45	0.1	18022	LaCrosse
22	0.0	18023	Lucerne
10	0.0	18024	Enclave
0	0.0	18031	Opel Kadette
0	0.0	18032	Opel Manta
0	0.0	18033	Opel GT
0	0.0	18034	Opel Isuzu
1	0.0	18398	Other auto
5	0.0	18399	Unknown auto
47	0.1	18401	Rendezvous
9	0.0	18402	Rainier
3	0.0	18441	Terraza
Cadillac			
167	0.4	19003	Deville/Fleetwood (except Limousine)
1	0.0	19004	Limousine
20	0.0	19005	Eldorado
0	0.0	19006	Commercial Series
0	0.0	19009	Allante'
47	0.1	19014	Seville
1	0.0	19016	Cimarron
9	0.0	19017	Catera
54	0.1	19018	CTS\CTC
0	0.0	19019	XLR
13	0.0	19020	SRX
10	0.0	19021	STS
27	0.1	19022	DTS
2	0.0	19398	Other auto
2	0.0	19399	Unknown auto
0	0.0	19401	BRX
36	0.1	19421	Escalade/ESV (from 2004 on; see 19431 for 2003)
5	0.0	19431	Escalade ESV (2003 only; see 19421 for 2004 on)
16	0.0	19480	Escalade EXT (from 2002-2006; for 2007 on see 19481)
13	0.0	19481	Escalade EXT (from 2007 on; see 19480 for 2002-2006)
Chevrolet			
6	0.0	20001	Malibu/Chevelle (thru 1983)
487	1.1	20002	Caprice/Impala
72	0.2	20004	Corvette
2	0.0	20006	Corvair

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
7	0.0	20007	El Camino
4	0.0	20008	Nova (-79)
141	0.3	20009	Camaro
13	0.0	20010	Monte Carlo (-88)
0	0.0	20011	Vega
0	0.0	20012	Monza
2	0.0	20013	Chevette
0	0.0	20015	Citation
397	0.9	20016	Cavalier
15	0.0	20017	Celebrity
54	0.1	20019	Baretta/Corsica
171	0.4	20020	Lumina
217	0.5	20022	Cobalt
62	0.1	20023	HHR
17	0.0	20024	Traverse
0	0.0	20025	Cruze
0	0.0	20026	Volt
1	0.0	20031	Spectrum
90	0.2	20032	Nova/Geo Prizm/Prism
1	0.0	20033	Sprint/Geo Sprint
38	0.1	20034	Geo Metro/Metro
2	0.0	20035	Geo Storm
120	0.3	20036	Monte Carlo (1995 on)
297	0.6	20037	Malibu/Malibu Maxx
2	0.0	20038	SSR
54	0.1	20039	Aveo\Aveo 5
3	0.0	20398	Other auto
9	0.0	20399	Unknown auto
383	0.8	20401	S-10 Blazer / TrailBlazer (2002 only; for 2003 on see 20403)
56	0.1	20402	Geo Tracker/Tracker
211	0.5	20403	TrailBlazer (2003 on; for 2002 see 20401)
70	0.2	20404	Equinox
470	1.0	20421	Blazer-fullsize / Tahoe
71	0.2	20422	Suburban (from 2004 on; see 20431 for 1950-2003)
197	0.4	20431	Suburban (from 1950-2003; see 20431 for 2004 on)
111	0.2	20441	Astro Van
12	0.0	20442	Lumina APV
87	0.2	20443	Venture
23	0.1	20444	Uplander
170	0.4	20461	G-series Van
4	0.0	20466	P-series Van
5	0.0	20470	Van Derivative
365	0.8	20471	S-10 / T-10 pickup
0	0.0	20472	LUV imported PU
80	0.2	20473	Colorado
1898	4.1	20481	C,K,R,V-series pickup/silverado
99	0.2	20482	Avalanche
7	0.0	20498	Other light truck
5	0.0	20499	Unknown light truck
4	0.0	20850	Motorhome - truck based
12	0.0	20880	Med/Hvy pickup (pickup-style only - over 10,000 lbs)



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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
43	0.1	20881	Med/Hvy CBE
3	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
0	0.0	20884	Med/Hvy unk engine location
0	0.0	20890	Med/Hvy COE unk entry position
3	0.0	20898	Other med/hvy
1	0.0	20899	Unknown med/hvy
3	0.0	20981	Bus S-60 series
1	0.0	20988	Other bus
0	0.0	20998	Other vehicle
8	0.0	20999	Unknown Chevrolet
			Oldsmobile
23	0.1	21001	Cutlass (RWD only)
73	0.2	21002	Delta 88 / LSS
24	0.1	21003	Ninety-Eight / Regency
2	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
1	0.0	21015	Omega
0	0.0	21016	Firenza
42	0.1	21017	Ciera
3	0.0	21018	Calais
105	0.2	21020	Cutlass (FWD)
105	0.2	21021	Achieva / Alero
21	0.0	21022	Aurora
39	0.1	21023	Intrigue
2	0.0	21398	Other auto
1	0.0	21399	Unknown auto
31	0.1	21401	Bravada
38	0.1	21441	Silhouette
0	0.0	21498	Other light trk
0	0.0	21499	Unknown light trk
0	0.0	21998	Other vehicle
0	0.0	21999	Unknown Oldsmobile
			Pontiac
0	0.0	22001	Lemans/Tempest (thru 70)
95	0.2	22002	Bonneville/Catalina/Parisienne
5	0.0	22005	Fiero
13	0.0	22008	Ventura/GTO
65	0.1	22009	Firebird/Trans AM
2	0.0	22010	Grand Prix (RWD)
0	0.0	22011	Astre
0	0.0	22012	Sunbird (thru 80)
1	0.0	22013	T-1000/1000
0	0.0	22015	Phoenix
132	0.3	22016	J2000/Sunbird (85 on)/Sunfire (1995 on)
10	0.0	22017	6000
302	0.7	22018	Grand Am
15	0.0	22019	G5
279	0.6	22020	Grand Prix (FWD)

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
118	0.3	22022	G6
7	0.0	22023	Solstice
8	0.0	22024	G8
1	0.0	22025	G3
0	0.0	22026	G8-ST
0	0.0	22031	Lemans (1988 on)
30	0.1	22032	Vibe
1	0.0	22398	Other auto
5	0.0	22399	Unknown auto
18	0.0	22401	Aztek
11	0.0	22403	Torrent
70	0.2	22441	Trans Sport/Montana
0	0.0	22999	Unknown Pontiac
			GMC
0	0.0	23007	Caballero/Sprint
17	0.0	23008	Acadia
0	0.0	23398	Other auto
0	0.0	23399	Unknown auto
163	0.4	23401	Jimmy/Typhoon S-15 based/Envoy
4	0.0	23402	Terrain
136	0.3	23421	Fullsize Jimmy/Yukon
25	0.1	23422	Suburban / Yukon XL (2004 on; see 23431 for 1950-2003)
90	0.2	23431	Suburban / Yukon XL (2000 on)
35	0.1	23441	Safari (Minivan)
60	0.1	23461	G-series Van / Savana
1	0.0	23466	P-series Van
2	0.0	23470	Van Derivative
131	0.3	23471	S15 / T15 / Sonoma
30	0.1	23472	Canyon
597	1.3	23481	C,K,R,V-series Pickup/Sierra
0	0.0	23498	Other light truck
2	0.0	23499	Unknown light truck
1	0.0	23850	Motorhome - truck based
1	0.0	23870	Medium / heavy van based vehicle
7	0.0	23880	GMC 3500 Pickup Truck
48	0.1	23881	Med/Hvy CBE
10	0.0	23882	Med/Hvy COE low entry
0	0.0	23883	Med/Hvy COE high entry
3	0.0	23884	Med/Hvy unk engine location
0	0.0	23890	Med/Hvy COE unk entry position
1	0.0	23898	Other med/hvy trk
0	0.0	23899	Unk med/hvy trk
3	0.0	23981	Bus B6000
0	0.0	23988	Other bus
0	0.0	23998	Other vehicle
1	0.0	23999	Unknown GMC
			Saturn
219	0.5	24001	SL
68	0.1	24002	SC

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

12	0.0	24003	SW
0	0.0	24004	EV1 / EGV1
29	0.1	24005	LS
7	0.0	24006	LW
71	0.2	24007	Ion
1	0.0	24008	Sky
20	0.0	24009	Aura
1	0.0	24010	Outlook
0	0.0	24011	Astra
0	0.0	24398	Other auto
1	0.0	24399	Unknown auto
69	0.2	24401	Vue
3	0.0	24441	Relay
0	0.0	24499	Unknown light truck
1	0.0	24999	Unknown Saturn
Grumman \ Grumman-Olson			
1	0.0	25401	LLV
0	0.0	25441	Step-in van
0	0.0	25498	Other light truck
0	0.0	25499	Unknown light truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry
0	0.0	25883	Med/Hvy COE high entry
0	0.0	25884	Med/Hvy unk engine location
0	0.0	25890	Med/Hvy COE unk entry position
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk
0	0.0	25983	Bus flat front, rear engine transit
0	0.0	25988	Other bus
0	0.0	25999	Unknown Grumman
Other Domestic Manufacturers			
1	0.0	29001	Studebaker/Avanti
1	0.0	29002	Checker
0	0.0	29003	Panoz
0	0.0	29004	Saleen
0	0.0	29398	Other auto
1	0.0	29399	Unknown make
Volkswagen			
0	0.0	30031	Karmann Ghia
2	0.0	30032	Beetle 1300/1500
1	0.0	30033	Super Beetle
0	0.0	30034	411/412
1	0.0	30035	Squareback/Fastback
7	0.0	30036	Rabbit
0	0.0	30037	Dasher
0	0.0	30038	Scirocco
176	0.4	30040	Jetta
0	0.0	30041	Quantum
38	0.1	30042	Golf/Cabriolet/Cabrio/GTI

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	30043	Rabbit Pickup
2	0.0	30044	Fox
0	0.0	30045	Corrado
62	0.1	30046	Passat
47	0.1	30047	New Beetle (98 on)
0	0.0	30048	Phaeton
1	0.0	30051	Eos
2	0.0	30398	Other auto
2	0.0	30399	Unknown auto
0	0.0	30401	The Thing (181)
1	0.0	30402	Tiguan
4	0.0	30421	Touareg/Touareg 2
1	0.0	30441	Vanagon/Camper
2	0.0	30442	Eurovan
2	0.0	30443	Routan
0	0.0	30498	Other light truck
0	0.0	30499	Unknown light truck
1	0.0	30998	Other vehicle
0	0.0	30999	Unknown Volkswagen
Alfa Romeo			
2	0.0	31031	Spider (Spyder)
0	0.0	31032	Sports Sedan
0	0.0	31033	Sprint/Special
0	0.0	31034	GTV-6
0	0.0	31035	164 (Alpha 164)
0	0.0	31036	8c
0	0.0	31398	Other auto
0	0.0	31399	Unknown auto
Audi			
0	0.0	32031	Super 90
2	0.0	32032	100
0	0.0	32033	Fox
0	0.0	32034	4000
0	0.0	32035	5000
1	0.0	32036	80/90
0	0.0	32037	200
1	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
4	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
21	0.0	32042	A6
31	0.1	32043	A4
3	0.0	32044	A8
8	0.0	32045	TT
0	0.0	32046	S8
0	0.0	32047	Allroad
1	0.0	32048	A3
1	0.0	32049	A5
0	0.0	32050	R8
0	0.0	32051	A7

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	32052	S5
0	0.0	32053	A2
0	0.0	32054	RS5
0	0.0	32398	Other auto
1	0.0	32399	Unknown auto
0	0.0	32401	Q7
1	0.0	32402	Q5
0	0.0	32499	Unknown Light Truck
Austin/Austin Healey			
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 100/3000
0	0.0	33035	Mini/Mini Cooper/Mini Moke
0	0.0	33398	Other auto
0	0.0	33399	Unknown auto
0	0.0	33999	Unknown Austin/Austin Healey
BMW			
0	0.0	34031	1600, 1800, 2000, 2002
0	0.0	34032	Coupe (before 1975)
0	0.0	34033	Bavarian Sedan
164	0.4	34034	3-series
60	0.1	34035	5-series
8	0.0	34036	6-series
29	0.1	34037	7-series
0	0.0	34038	8-series
4	0.0	34039	Z3
0	0.0	34040	Z8
0	0.0	34041	V5
3	0.0	34042	Z4
0	0.0	34043	1-series, 128i,135i
0	0.0	34044	X6
2	0.0	34398	Other auto
2	0.0	34399	Unknown auto
19	0.0	34401	X5
8	0.0	34402	X3
0	0.0	34499	Unknown light truck
0	0.0	34703	125-349cc
7	0.0	34705	450-749cc
38	0.1	34706	750cc & over
10	0.0	34709	Unknown cc
2	0.0	34999	Unknown BMW
Nissan/Datsun			
0	0.0	35031	F-10
27	0.1	35032	200SX/240SX
0	0.0	35033	B210/210/1200
16	0.0	35034	Z-car,ZX
0	0.0	35035	310
0	0.0	35036	510

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	35037	610
0	0.0	35038	710
225	0.5	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	311/411
1	0.0	35042	Stanza
221	0.5	35043	Sentra
0	0.0	35044	Pulsar
0	0.0	35045	Micra
3	0.0	35046	NX 1600/2000
457	1.0	35047	Altima
32	0.1	35048	350-Z
42	0.1	35049	Murano
32	0.1	35050	Versa
20	0.0	35051	Rogue
5	0.0	35052	Cube
0	0.0	35053	GT-R
0	0.0	35055	Leaf
0	0.0	35398	Other auto
1	0.0	35399	Unknown auto
122	0.3	35401	Pathfinder
89	0.2	35402	Xterra
0	0.0	35403	Juke
17	0.0	35421	Pathfinder Armada
0	0.0	35441	Van
0	0.0	35442	Axxess
55	0.1	35443	Quest
0	0.0	35444	Altra EV (Electric vehicle)
0	0.0	35445	NV
109	0.2	35471	Pickup (55-97)
113	0.2	35472	Frontier (98 on)
49	0.1	35473	Titan (from 2004-06; see 35481 for 2007 on)
34	0.1	35481	Titan (from 2007 on; see 35473 for 2004-06)
3	0.0	35498	Other light truck
0	0.0	35499	Unknown light truck
0	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other med/hvy truck
1	0.0	35899	Unk med/hvy truck
1	0.0	35999	Unknown Nissan/Datsun
Fiat			
0	0.0	36031	124 Coupe/Sedan
0	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
0	0.0	36399	Unknown auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	36890	Med/Hvy COE unk entry
0	0.0	36898	Other med/hvy truck
0	0.0	36899	Unk med/hvy truck
0	0.0	36998	Other vehicle
0	0.0	36999	Unknown Fiat
			Honda
770	1.7	37031	Civic/CRX/del Sol
878	1.9	37032	Accord
34	0.1	37033	Prelude
0	0.0	37034	600
7	0.0	37035	S2000
0	0.0	37036	EV Plus (Electric vehicle)
6	0.0	37037	Insight
0	0.0	37038	FCX
19	0.0	37039	Fit
0	0.0	37040	Stream
1	0.0	37398	Other auto
1	0.0	37399	Unknown auto
26	0.1	37401	Passport
155	0.3	37402	CR-V
37	0.1	37403	Element
74	0.2	37421	Pilot
130	0.3	37441	Odyssey
19	0.0	37471	Ridgeline
1	0.0	37499	Unknown light truck
13	0.0	37701	0-50cc
14	0.0	37702	51-124cc
28	0.1	37703	125-349cc
8	0.0	37704	350-449cc
221	0.5	37705	450-749cc
427	0.9	37706	750cc & over
98	0.2	37709	Unknown cc
8	0.0	37732	ATC/ATV/TRX 51-124cc
22	0.0	37733	ATC/ATV/TRX 125-349cc
37	0.1	37734	ATC/ATV/TRX 350cc & over
38	0.1	37739	Unknown ATC/ATV/TRX cc
1	0.0	37998	Other vehicle (Go Carts)
4	0.0	37999	Unknown Honda
			Isuzu
1	0.0	38031	I-Mark
0	0.0	38032	Impulse
1	0.0	38033	Stylus
0	0.0	38398	Other auto
0	0.0	38399	Unknown auto
26	0.1	38401	Trooper / Trooper II
92	0.2	38402	Rodeo / Rodeo Sport
7	0.0	38403	Amigo
0	0.0	38404	VehiCROSS
3	0.0	38405	Axiom
5	0.0	38421	Ascender

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
2	0.0	38441	Oasis
10	0.0	38471	P'up Pickup
3	0.0	38472	Hombre
2	0.0	38473	i-280/i-290
0	0.0	38474	i-350/i-370
1	0.0	38498	Other light truck
0	0.0	38499	Unknown light truck
1	0.0	38881	Med/Hvy CBE
36	0.1	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
0	0.0	38884	Med/Hvy unk engine location
0	0.0	38890	Med/Hvy COE unk entry position
1	0.0	38898	Other med/hvy trk
0	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus Conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other bus
0	0.0	38999	Unknown Isuzu
Jaguar			
4	0.0	39031	XJ-S, XK8 Coupe
14	0.0	39032	XJ/XJ6/12/XJR/XJ8/XJ8L Sedan/Coupe
0	0.0	39033	XK-E
11	0.0	39034	S-Type
0	0.0	39035	XKR/XK
15	0.0	39036	X-Type
0	0.0	39037	XF
1	0.0	39398	Other auto
0	0.0	39399	Unknown auto
Lancia			
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other auto
0	0.0	40399	Unknown auto
Mazda			
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
8	0.0	41034	RX7
71	0.2	41035	GLC/323/Protege/Protege5
0	0.0	41036	Cosmo
76	0.2	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
4	0.0	41043	929



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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	41044	MX-6
19	0.0	41045	Miata/MX-5
5	0.0	41046	MX-3
20	0.0	41047	Millenia
0	0.0	41048	MP3
9	0.0	41049	RX-8
61	0.1	41050	Mazda6
77	0.2	41051	Mazda3
12	0.0	41052	Mazda5
12	0.0	41053	CX-7
2	0.0	41054	CX-9
1	0.0	41398	Other auto
4	0.0	41399	Unknown auto
3	0.0	41401	Navajo
44	0.1	41402	Tribute
31	0.1	41441	MPV
72	0.2	41471	Mazda Pickup
0	0.0	41498	Other light truck
0	0.0	41499	Unknown light truck
0	0.0	41999	Unknown Mazda
Mercedes Benz			
22	0.0	42031	200/220/230/240/250/260/280/300/420 Sedan/Coupe
0	0.0	42032	230/280 SL 2-pass
0	0.0	42033	300/350/380/450/500/560 SL 2-pass
0	0.0	42034	350/380/420/450/560 SLC
0	0.0	42035	280/300 SEL
14	0.0	42036	300/380/420 450/500/560 SEL, 500/560/600 SEC, 300/350 SDL
2	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
5	0.0	42039	190
0	0.0	42040	300
2	0.0	42041	400/500E
57	0.1	42042	C Class (94 on)
17	0.0	42043	S Class (95 on)
9	0.0	42044	SL Class (95 on)
9	0.0	42045	SLK
2	0.0	42046	CL Class
10	0.0	42047	CLK
36	0.1	42048	E Class (97 on)
0	0.0	42049	SLR
1	0.0	42050	R Class
7	0.0	42051	CLS Class
3	0.0	42398	Other auto
2	0.0	42399	Unknown auto
37	0.1	42401	M / ML Class
1	0.0	42402	G Class
0	0.0	42403	GLK Class
8	0.0	42421	GL Class
0	0.0	42461	Sprinter
0	0.0	42470	Van Derivative

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

2	0.0	42499	Unknown light truck
0	0.0	42881	Med/Hvy CBE
0	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry
0	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Other med/hvy trk
0	0.0	42899	Unk med/hvy trk
0	0.0	42981	Bus:Conv. (Engine out front)
0	0.0	42988	Other bus
0	0.0	42989	Unknown bus
0	0.0	42998	Other vehicle
1	0.0	42999	Unknown Mercedes-Benz

## MG

0	0.0	43031	Midget
0	0.0	43032	MGB
0	0.0	43033	MGB GT
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43037	Magnette/Sports Sedans
0	0.0	43398	Other auto
1	0.0	43399	Unknown auto
0	0.0	43999	Unknown MG

## Peugeot

0	0.0	44031	304
0	0.0	44032	403
0	0.0	44033	404
0	0.0	44034	504/505
0	0.0	44035	604
0	0.0	44036	405
0	0.0	44398	Other auto
0	0.0	44399	Unknown auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unknown cc
0	0.0	44999	Unknown Peugeot

## Porsche

5	0.0	45031	911 / 996
0	0.0	45032	912
0	0.0	45033	914
1	0.0	45034	924
0	0.0	45035	928
0	0.0	45036	930
0	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
1	0.0	45040	986 / Boxster
2	0.0	45041	Cayman

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	45398	Other auto
0	0.0	45399	Unknown auto
3	0.0	45421	Cayenne
Renault			
0	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle
0	0.0	46033	12
0	0.0	46034	15
0	0.0	46035	16
0	0.0	46036	17
0	0.0	46037	R18i, Sport Wagon
0	0.0	46038	Fuego
0	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
0	0.0	46044	Medallion (87 only)
0	0.0	46045	Premier (87 only)
0	0.0	46398	Other auto
0	0.0	46399	Unknown auto
Saab			
6	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96
4	0.0	47034	9000
20	0.0	47035	9-3
11	0.0	47036	9-5
1	0.0	47037	9-2x
0	0.0	47038	9-4x
0	0.0	47398	Other auto
0	0.0	47399	Unknown auto
2	0.0	47401	9-7x
Subaru			
7	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
0	0.0	48032	Star
0	0.0	48033	360
104	0.2	48034	Legacy/Outback (prior to 2003 only; see 48045 for 2003 on)
0	0.0	48035	XT/XT6
1	0.0	48036	Justy
4	0.0	48037	SVX
55	0.1	48038	Impreza
0	0.0	48039	RX
0	0.0	48043	Brat
1	0.0	48044	Baja
39	0.1	48045	Outback (2003 on; see 48034 for prior to 2003)
2	0.0	48398	Other auto
0	0.0	48399	Unknown auto
68	0.1	48401	Forester
1	0.0	48402	B9 Tribeca
0	0.0	48998	Other vehicle

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

			Toyota	
1	0.0	49031	Corona	
573	1.3	49032	Corolla	
42	0.1	49033	Celica	
2	0.0	49034	Supra	
6	0.0	49035	Cressida	
0	0.0	49036	Crown	
0	0.0	49037	Carina	
32	0.1	49038	Tercel	
0	0.0	49039	Starlet	
751	1.6	49040	Camry	
5	0.0	49041	MR-2 / MR Spyder	
7	0.0	49042	Paseo	
116	0.3	49043	Avalon	
42	0.1	49044	Solara	
20	0.0	49045	Echo	
71	0.2	49046	Prius (Electric hybrid)	
23	0.1	49047	Matrix	
21	0.0	49048	Scion xA	
44	0.1	49049	Scion xB	
68	0.1	49050	Scion tC	
51	0.1	49051	Yaris	
9	0.0	49052	Scion xD	
9	0.0	49053	Venza	
0	0.0	49398	Other auto	
1	0.0	49399	Unknown auto	
211	0.5	49401	4-Runner	
87	0.2	49402	RAV4 (EVs-electric)	
71	0.2	49403	Highlander	
12	0.0	49404	FJ Cruiser	
27	0.1	49421	Land Cruiser	
38	0.1	49422	Sequoia	
20	0.0	49441	Minivan (84-90) / Previa (91 on)	
97	0.2	49442	Sienna	
122	0.3	49471	Pickup	
300	0.7	49472	Tacoma	
11	0.0	49481	T-100	
163	0.4	49482	Tundra	
2	0.0	49498	Other light truck	
1	0.0	49499	Unknown light truck	
0	0.0	49998	Other vehicle	
0	0.0	49999	Unknown Toyota	
			Triumph	
0	0.0	50031	Spitfire	
0	0.0	50032	GT-6	
0	0.0	50033	TR4	
0	0.0	50034	TR6	
0	0.0	50035	TR7/TR8	
0	0.0	50036	Herald	
0	0.0	50037	Stag	
0	0.0	50398	Other auto	

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	50399	Unknown auto
0	0.0	50701	0-50cc
0	0.0	50702	51-124 cc
0	0.0	50703	125-349 cc
1	0.0	50704	350-449 cc
6	0.0	50705	450-749 cc
30	0.1	50706	750cc & over
5	0.0	50709	Unknown cc
0	0.0	50799	Unk motored cycle
0	0.0	50998	Other vehicle
1	0.0	50999	Unknown Triumph
Volvo			
0	0.0	51031	122
0	0.0	51032	140/142/144/145
0	0.0	51033	164
12	0.0	51034	240/242/244/245
0	0.0	51035	262/264/265
0	0.0	51036	1800
0	0.0	51037	PV544, PV444
0	0.0	51038	760/780
5	0.0	51039	740
6	0.0	51040	940
1	0.0	51041	960
11	0.0	51042	850
30	0.1	51043	70 Series
1	0.0	51044	90 Series
14	0.0	51045	80 Series
21	0.0	51046	40 Series
12	0.0	51047	60 Series
2	0.0	51048	V50
1	0.0	51049	C30
0	0.0	51050	XC60
0	0.0	51398	Other auto
0	0.0	51399	Unknown auto
12	0.0	51401	XC90
225	0.5	51881	Med/Hvy CBE
4	0.0	51882	Med/Hvy COE low entry
6	0.0	51883	Med/Hvy COE high entry
14	0.0	51884	Med/Hvy unk engine location
1	0.0	51890	Med/Hvy COE unk entry position
1	0.0	51898	Other med/hvy trk
1	0.0	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
2	0.0	51999	Unknown Volvo
Mitsubishi			
0	0.0	52031	Starion
0	0.0	52032	Tredia
0	0.0	52033	Cordia
97	0.2	52034	Galant, (Sigma thru '88)

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

35	0.1	52035	Mirage
0	0.0	52036	Precis
121	0.3	52037	Eclipse
0	0.0	52038	Sigma (prior '89 see 52034)
12	0.0	52039	3000 GT
10	0.0	52040	Diamante
3	0.0	52045	Expo Wagon
56	0.1	52046	Lancer / Lancer Sportback / Lancer Evolution
21	0.0	52047	Outlander
0	0.0	52398	Other auto
0	0.0	52399	Unknown auto
71	0.2	52401	Montero / Montero Sport
11	0.0	52402	Endeavor
0	0.0	52441	Minivan
1	0.0	52471	Pickup
8	0.0	52472	Raider
0	0.0	52498	Other light truck
0	0.0	52499	Unknown light truck
4	0.0	52882	Med/Hvy COE low entry
1	0.0	52898	Other med/hvy truck
0	0.0	52899	Unk med/hvy truck
0	0.0	52981	Bus Conventional front engine
0	0.0	52982	Bus front engine/flat front
0	0.0	52983	Bus rear engine/flat front
0	0.0	52988	Other bus
0	0.0	52999	Unknown Mitsubishi
Suzuki			
1	0.0	53031	Swift/SA310
4	0.0	53032	Esteem
10	0.0	53033	Aerio
39	0.1	53034	Forenza
6	0.0	53035	Verona
3	0.0	53036	Reno
14	0.0	53040	SX4
0	0.0	53398	Other auto
0	0.0	53399	Unknown auto
2	0.0	53401	Samurai
37	0.1	53402	Sidekick / Vitara / Grand Vitara / XL7
1	0.0	53403	X-90
18	0.0	53404	Grand Vitara (2003 on; see model 53402 for models prior to 2003)
10	0.0	53405	XL7 (2003 on; see model 53402 for 2002 model year)
0	0.0	53481	Equator
0	0.0	53498	Other light truck
0	0.0	53499	Unknown light truck
1	0.0	53701	0-50cc
1	0.0	53702	51-124cc
6	0.0	53703	125-349cc
18	0.0	53704	350-449cc
305	0.7	53705	450-749cc
305	0.7	53706	750cc & over

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
46	0.1	53709	Unknown cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
9	0.0	53733	ATC/ATV 125-349cc
8	0.0	53734	ATC/ATV 350cc & over
8	0.0	53739	Unknown ATC/ATV cc
0	0.0	53799	Unknown motored cycle
0	0.0	53999	Unknown Suzuki
Acura			
85	0.2	54031	Integra
28	0.1	54032	Legend
0	0.0	54033	NSX
3	0.0	54034	Vigor
77	0.2	54035	TL
24	0.1	54036	RL
14	0.0	54037	CL
27	0.1	54038	RSX
20	0.0	54039	TSX
0	0.0	54040	ZDX
1	0.0	54398	Other auto
2	0.0	54399	Unknown auto
0	0.0	54401	SLX
3	0.0	54402	RDX
31	0.1	54421	MDX
0	0.0	54999	Unknown Acura
Hyundai			
0	0.0	55031	Pony
1	0.0	55032	Excel
125	0.3	55033	Sonata
3	0.0	55034	Scoupe
154	0.3	55035	Elantra
97	0.2	55036	Accent
38	0.1	55037	Tiburon
10	0.0	55038	XG 300 (2001) / XG 350 (2002 on)
8	0.0	55039	Azera
0	0.0	55040	Equus
4	0.0	55041	Genesis
0	0.0	55398	Other auto
1	0.0	55399	Unknown auto
75	0.2	55401	Santa Fe
17	0.0	55402	Tucson
0	0.0	55403	Veracruz (2007 only)
3	0.0	55421	Veracruz (2008 on)
2	0.0	55441	Entourage
Merkur			
1	0.0	56031	XR4Ti
0	0.0	56032	Scorpio
0	0.0	56398	Other auto
0	0.0	56399	Unknown auto

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2010 - Vehicle

Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
			Yugo
0	0.0	57031	GV/GVL/GVX
			Infiniti
1	0.0	58031	M30
12	0.0	58032	Q45
19	0.0	58033	G20
5	0.0	58034	J30
26	0.1	58035	I30
2	0.0	58036	I35
49	0.1	58037	G35/G37 sport
10	0.0	58038	M35/M45
10	0.0	58039	FX35/FX45/FX50
0	0.0	58040	EX35
0	0.0	58398	Other auto
4	0.0	58399	Unknown auto
13	0.0	58401	T30 ( - 96) QX4 (97 on)
9	0.0	58421	QX56
1	0.0	58499	Unknown light truck
			Lexus
89	0.2	59031	ES-250/ES-300
49	0.1	59032	LS-400/430
13	0.0	59033	SC-300/SC-400
26	0.1	59034	GS-300/400/430
29	0.1	59035	IS-300
5	0.0	59036	SC-430
1	0.0	59398	Other auto
1	0.0	59399	Unknown auto
31	0.1	59401	RX300
7	0.0	59402	GX470
28	0.1	59403	RX330/350/400h
5	0.0	59421	LX450/470/570
			Daihatsu
0	0.0	60031	Charade
0	0.0	60398	Other auto
0	0.0	60399	Unknown auto
0	0.0	60401	Rocky
0	0.0	60498	Other light trk
0	0.0	60499	Unknown light trk
0	0.0	60998	Other vehicle
0	0.0	60999	Unknown Daihatsu
			Sterling
0	0.0	61031	827
0	0.0	61398	Other auto
0	0.0	61399	Unknown auto
			Land Rover
18	0.0	62401	Discovery
0	0.0	62402	Defender



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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
3	0.0	62403	Freelander (2004 on; see 62422 for 2002-2003 models)
16	0.0	62421	Range Rover
2	0.0	62422	Freelander (2002-2003 only; see 62403 for 2004 model)
6	0.0	62423	LR3
0	0.0	62424	LR2
0	0.0	62498	Other light trk
0	0.0	62499	Unknown light trk
			KIA
40	0.1	63031	Sephia
66	0.1	63032	Rio/Rio5
80	0.2	63033	Spectra/Spectra5
55	0.1	63034	Optima
6	0.0	63035	Amanti
6	0.0	63036	Rondo
5	0.0	63037	Soul
10	0.0	63038	Forte
0	0.0	63398	Other auto
0	0.0	63399	Unknown auto
54	0.1	63401	Sportage
55	0.1	63402	Sorento
2	0.0	63421	Borrego
48	0.1	63441	Sedona
0	0.0	63498	Other light trk
0	0.0	63499	Unknown light trk
			Daewoo
3	0.0	64031	Lanos
3	0.0	64032	Nubira
8	0.0	64033	Leganza
0	0.0	64398	Other auto
0	0.0	64399	Unknown auto
			Smart
3	0.0	65031	Fortwo
0	0.0	65398	Other auto
0	0.0	65399	Unknown auto
			Other Imports
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	DeLorean
0	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
1	0.0	69039	Lotus
1	0.0	69040	Maserati
0	0.0	69041	Morris
1	0.0	69042	Rolls Royce/Bentley
0	0.0	69044	Simca

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
0	0.0	69053	Lada
26	0.1	69054	Mini-Cooper
0	0.0	69055	Morgan (2003 on; prior to 2003 see 69398)
0	0.0	69056	Maybach
0	0.0	69057	Spyker
0	0.0	69058	Koenigsegg
0	0.0	69059	Tesla
0	0.0	69060	Yes
0	0.0	69061	Mahinda
0	0.0	69398	Other imported auto
0	0.0	69399	Unknown make
BSA			
0	0.0	70701	0-50cc
0	0.0	70702	51-124cc
0	0.0	70703	125-349cc
0	0.0	70704	350-449cc
0	0.0	70705	450-749cc
0	0.0	70706	750cc & over
0	0.0	70709	Unknown cc
Ducati			
0	0.0	71701	0-50cc
0	0.0	71702	51-124cc
0	0.0	71703	125-349cc
0	0.0	71704	350-449cc
3	0.0	71705	450-749cc
23	0.1	71706	750cc & over
10	0.0	71709	Unknown cc
Harley-Davidson			
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
2	0.0	72705	450-749cc
1588	3.5	72706	750cc & over
101	0.2	72709	Unknown cc
Kawasaki			
0	0.0	73701	0-50cc
2	0.0	73702	51-124cc
29	0.1	73703	125-349cc
2	0.0	73704	350-449cc
146	0.3	73705	450-749cc
203	0.4	73706	750cc & over
67	0.1	73709	Unknown cc
0	0.0	73731	ATC/ATV 0-50cc

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	73732	ATC/ATV 51-124cc
3	0.0	73733	ATC/ATV 125-349cc
3	0.0	73734	ATC/ATV 350cc & over
14	0.0	73739	Unknown ATC/ATV cc

Moto-Guzzi

0	0.0	74704	350-449cc
0	0.0	74705	450-749cc
1	0.0	74706	750cc & over
0	0.0	74709	Unknown cc

Norton

0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over
2	0.0	75709	Unknown cc

Yamaha

9	0.0	76701	0-50cc
10	0.0	76702	51-124cc
17	0.0	76703	125-349cc
14	0.0	76704	350-449cc
185	0.4	76705	450-749cc
241	0.5	76706	750cc & over
71	0.2	76709	Unknown cc
1	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
11	0.0	76733	ATC/ATV 125-349cc
30	0.1	76734	ATC/ATV 350cc & over
20	0.0	76739	Unknown ATC/ATV cc
7	0.0	76998	Oth veh (snowmobile)

Victory

15	0.0	77706	750cc & over
4	0.0	77709	Unknown cc

Brockway

0	0.0	80850	Truck based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry
0	0.0	80883	Med/Hvy COE high entry
0	0.0	80884	Med/Hvy unk engine location
0	0.0	80890	Med/Hvy COE unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
0	0.0	80981	Conventional bus
0	0.0	80982	Bus-flat front, front engine
0	0.0	80983	Bus-flat front, rear engine
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus
0	0.0	80998	Other vehicle
0	0.0	80999	Unknown Brockway

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

			Diamond Reo/Reo
0	0.0	81850	Truck based motorhome
0	0.0	81881	Med/Hvy CBE
0	0.0	81882	Med/Hvy COE low entry
0	0.0	81883	Med/Hvy COE high entry
0	0.0	81884	Med/Hvy unk engine location
0	0.0	81890	Med/Hvy COE unk entry position
0	0.0	81898	Other med/hvy trk
0	0.0	81899	Unk med/hvy trk
0	0.0	81950	Bus based motorhome
0	0.0	81981	Conventional bus
0	0.0	81982	Bus-flat front, front engine
0	0.0	81983	Bus-flat front, rear engine
0	0.0	81988	Other bus
0	0.0	81998	Other vehicle
0	0.0	81999	Unknown Diamond Reo/Reo
			Freightliner/White
1	0.0	82461	Sprinter / Advantage
3	0.0	82850	Truck based motorhome
573	1.3	82881	Med/Hvy CBE
1	0.0	82882	Med/Hvy COE low entry
259	0.6	82883	Med/Hvy COE high entry
52	0.1	82884	Med/Hvy unk engine location
3	0.0	82890	Med/Hvy COE unk entry position
1	0.0	82898	Other med/hvy trk
12	0.0	82899	Unk med/hvy trk
16	0.0	82981	Conventional bus
0	0.0	82982	Bus-flat front, front engine
0	0.0	82983	Bus-flat front, rear engine
0	0.0	82988	Other bus
0	0.0	82989	Unknown bus
0	0.0	82998	Other vehicle
0	0.0	82999	Unknown Freightliner/White
			FWD
0	0.0	83850	Truck based motorhome
0	0.0	83881	Med/Hvy CBE
0	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
0	0.0	83884	Med/Hvy unk engine location
0	0.0	83890	Med/Hvy COE unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus based motorhome
0	0.0	83981	Conventional bus
0	0.0	83982	Bus-flat front, front engine
0	0.0	83983	Bus-flat front, rear engine
0	0.0	83988	Other bus
0	0.0	83998	Other vehicle
0	0.0	83999	Unknown FWD

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

			International Harvester/Navistar
0	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop van
0	0.0	84481	Pickup
0	0.0	84498	Other light trk
0	0.0	84499	Unknown light trk
0	0.0	84850	Truck based motorhome
477	1.0	84881	Med/Hvy CBE
2	0.0	84882	Med/Hvy COE low entry
37	0.1	84883	Med/Hvy COE high entry
52	0.1	84884	Med/Hvy unk engine location
2	0.0	84890	Med/Hvy COE unk entry position
0	0.0	84898	Other med/hvy trk
8	0.0	84899	Unk med/hvy trk
0	0.0	84950	Bus based motorhome
55	0.1	84981	Conventional bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
0	0.0	84988	Other bus
7	0.0	84998	Other vehicle
1	0.0	84999	Unknown International Harvester/Navistar
			Kenworth
0	0.0	85850	Truck based motorhome
404	0.9	85881	Med/Hvy CBE
3	0.0	85882	Med/Hvy COE low entry
3	0.0	85883	Med/Hvy COE high entry
14	0.0	85884	Med/Hvy unk engine location
0	0.0	85890	Med/Hvy COE unk entry position
3	0.0	85898	Other med/hvy trk
2	0.0	85899	Unk med/hvy trk
0	0.0	85950	Bus based motorhome
0	0.0	85981	Conventional bus
0	0.0	85982	Bus-flat front, front engine
0	0.0	85983	Bus-flat front, rear engine
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus
0	0.0	85998	Other vehicle
0	0.0	85999	Unknown Kenworth
			Mack
0	0.0	86850	Truck based motorhome
224	0.5	86881	Med/Hvy CBE
26	0.1	86882	Med/Hvy COE low entry
1	0.0	86883	Med/Hvy COE high entry
16	0.0	86884	Med/Hvy Unk engine location
1	0.0	86890	Med/Hvy COE Unk entry position
1	0.0	86898	Other med/hvy trk
4	0.0	86899	Unk med/hvy trk
0	0.0	86950	Bus based motorhome
0	0.0	86981	Conventional bus

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	86982	Bus-flat front, front engine
0	0.0	86983	Bus-flat front, rear engine
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus
1	0.0	86998	Other vehicle
1	0.0	86999	Unknown Mack
Peterbilt			
0	0.0	87850	Truck based motorhome
410	0.9	87881	Med/Hvy CBE
3	0.0	87882	Med/Hvy COE low entry
27	0.1	87883	Med/Hvy COE high entry
18	0.0	87884	Med/Hvy unk engine location
3	0.0	87890	Med/Hvy COE unk entry position
1	0.0	87898	Other med/hvy trk
3	0.0	87899	Unk med/hvy trk
0	0.0	87950	Bus based motorhome
0	0.0	87981	Conventional bus
0	0.0	87982	Bus-flat front, front engine
0	0.0	87983	Bus-flat front, rear engine
0	0.0	87988	Other bus
0	0.0	87989	Unknown bus
0	0.0	87998	Other vehicle
0	0.0	87999	Unknown Peterbilt
Iveco (-1991) / Magirus (-1985)			
0	0.0	88850	Truck based motorhome
1	0.0	88881	Med/Hvy CBE
0	0.0	88882	Med/Hvy COE low entry
0	0.0	88883	Med/Hvy COE high entry
0	0.0	88884	Med/Hvy unk engine location
0	0.0	88890	Med/Hvy COE unk entry position
0	0.0	88898	Other med/hvy trk
0	0.0	88899	Unk med/hvy trk
0	0.0	88950	Bus based motorhome
0	0.0	88981	Conventional bus
0	0.0	88982	Bus-flat front, front engine
0	0.0	88983	Bus-flat front, rear engine
0	0.0	88988	Other bus
0	0.0	88989	Unknown bus
0	0.0	88998	Other vehicle
0	0.0	88999	Unknown Iveco/Magirus
White/Autocar-White/GMC			
0	0.0	89850	Truck based motorhome
23	0.1	89881	Med/Hvy CBE
7	0.0	89882	Med/Hvy COE low entry
1	0.0	89883	Med/Hvy COE high entry
3	0.0	89884	Med/Hvy unk engine location
0	0.0	89890	Med/Hvy COE unk entry position
1	0.0	89898	Other med/hvy trk
0	0.0	89899	Unk med/hvy trk

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	89981	Conventional bus
0	0.0	89982	Bus-flat front, front engine
0	0.0	89983	Bus-flat front, rear engine
0	0.0	89988	Other bus
0	0.0	89998	Other vehicle
0	0.0	89999	Unknown White/Autocar-White GMC

Bluebird

0	0.0	90461	Van based school/shuttle bus
23	0.1	90981	Conventional bus (engine out front)
1	0.0	90982	Bus-flat front, front engine
0	0.0	90983	Bus-flat front, rear engine
0	0.0	90988	Other bus
0	0.0	90999	Unknown Bluebird

Eagle Coach

0	0.0	91981	Conventional bus (engine out front)
0	0.0	91982	Bus-flat front, front engine
0	0.0	91983	Bus-flat front, rear engine
0	0.0	91988	Other bus
0	0.0	91999	Unknown Eagle Coach

Gillig

25	0.1	92981	Conventional bus (engine out front)
0	0.0	92982	Bus-flat front, front engine
2	0.0	92983	Bus-flat front, rear engine
2	0.0	92988	Other bus
1	0.0	92989	Unknown bus

MCI

22	0.0	93981	Conventional bus (engine out front)
0	0.0	93982	Bus-flat front, front engine
0	0.0	93983	Bus-flat front, rear engine
0	0.0	93988	Other bus

Thomas Built

0	0.0	94461	Van based school/shuttle bus
17	0.0	94981	Conventional bus (engine out front)
1	0.0	94982	Bus-flat front, front engine
0	0.0	94983	Bus-flat front, rear engine
0	0.0	94988	Other bus
0	0.0	94999	Unknown Thomas Built

0	0.0	97997	Not reported
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Other Make

5	0.0	98398	Other automobile
14	0.0	98701	Motorcycle 0-50cc
1	0.0	98702	Motorcycle 51-124cc
12	0.0	98703	Motorcycle 125-349cc
4	0.0	98705	Motorcycle 450-749cc
47	0.1	98706	Motorcycle 750cc & over

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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
166	0.4	98709	Unknown cc
1	0.0	98731	ATC/ATV 0-50cc
1	0.0	98733	ATC/ATV 125-349cc
10	0.0	98734	ATC/ATV 350cc or greater
77	0.2	98739	ATC/ATV unknown cc
0	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
53	0.1	98804	WESTERN STAR
0	0.0	98805	OSHKOSH
18	0.0	98806	HINO
0	0.0	98807	SCANIA
14	0.0	98808	UD
82	0.2	98809	Sterling
16	0.0	98850	Truck based motorhome
11	0.0	98881	Med/Hvy CBE
7	0.0	98882	Med/Hvy COE low entry
2	0.0	98884	Med/Hvy Unk engine location
2	0.0	98890	Med/Hvy COE unk entry
12	0.0	98898	Other med/hvy trk
4	0.0	98902	NeoPlan bus
0	0.0	98903	Carpenter bus
0	0.0	98904	Collins Bus
1	0.0	98905	DINA
0	0.0	98906	Mid Bus
13	0.0	98907	Orion
5	0.0	98908	Van Hool
42	0.1	98981	Conventional bus
1	0.0	98983	Bus rear engine
4	0.0	98988	Other bus
0	0.0	98989	Unknown bus
116	0.3	98998	Other vehicle
6	0.0	98999	Unknown other make
Unknown Make			
0	0.0	99180	Unknown automobile
23	0.1	99399	Unknown automobile
9	0.0	99499	Unknown light truck
8	0.0	99701	Motorcycle 0-50cc
1	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
1	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
3	0.0	99706	Motorcycle 750cc & over
52	0.1	99709	Unknown cc
3	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc
0	0.0	99733	ATC/ATV 125-349cc
2	0.0	99734	ATC/ATV 350-449cc
15	0.0	99739	Unknown ATC/ATV cc
0	0.0	99799	Unknown motored cycle
3	0.0	99850	Truck based motorhome
3	0.0	99881	Med/Hvy CBE



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Variable 309:VEHICLE MAKE-MODEL (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	99882	Med/Hvy COE low entry
0	0.0	99883	Med/Hvy COE high entry
10	0.0	99884	Med/Hvy unk engine location
0	0.0	99890	Med/Hvy COE unk entry position
3	0.0	99898	Other med/hvy trk
0	0.0	99899	Unk med/hvy trk
1	0.0	99981	Conventional bus
0	0.0	99982	Bus front engine
0	0.0	99983	Bus rear engine
0	0.0	99988	Other bus
1	0.0	99989	Unknown bus
56	0.1	99998	Other vehicle
628	1.4	99999	Unknown unknown make

Variable 310	BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BODY\_TYP

3Nov2011	Prcnt	Code	Value and Description
311	0.7	1	Convertible (excludes sunroof, t-bar)
2765	6.0	2	2-door sedan, hardtop, coupe
604	1.3	3	3-door/2-door hatchback
13039	28.5	4	4-door sedan, hardtop
312	0.7	5	5-door/4-door hatchback
1001	2.2	6	Station wagon (excluding van and truck based)
3	0.0	7	Hatchback, number of doors unknown
24	0.1	8	Sedan/hardtop, number of doors unknown
87	0.2	9	Other or unknown automobile type
10	0.0	10	Auto-based pickup
1	0.0	11	Auto-based panel
3	0.0	12	Large limousine - more than four side doors or stretch chassis
1	0.0	13	3-wheel automobile or automobile derivative
5099	11.1	14	Compact utility (ANSI D-16 utility vehicle categories "small and "midsize")
1514	3.3	15	Large utility (ANSI D-16 utility vehicle categories and "fullsize" and "large")
309	0.7	16	Utility station wagon (includes suburban limousines, Escalade ESV, Suburban, Travellall, Grand Wagoneer)
0	0.0	17	3-door coupe
5	0.0	19	Utility, unknown body type
1821	4.0	20	Minivan
648	1.4	21	Large van - includes van-based buses)
11	0.0	22	Step-van or walk-in van
0	0.0	28	Other van type (Hi-Cube Van, Kary)
14	0.0	29	Unknown van type
2271	5.0	30	Compact pickup (GVWR < 4,500 lbs.)
6126	13.4	31	Standard pickup (GVWR 4,500 to 10,000 lbs.)

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Variable 310:BODY TYPE (Continued)

3Nov2011	Prcnt	Code	Value and Description
9	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
12	0.0	39	Unknown (pickup style) light conventional truck type
23	0.1	40	Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)
0	0.0	41	Truck based panel
4	0.0	42	Light truck (van-based or pickup-based) motorhome
0	0.0	45	Other light conventional truck type (includes stretched suburban limousine)
1	0.0	48	Unknown light truck type (not a pickup)
2	0.0	49	Unknown light vehicle type (automobile, utility vehicle, van, or light truck)
114	0.2	50	School bus
37	0.1	51	Cross country/intercity bus (ie, Greyhound)
84	0.2	52	Transit bus (city bus)
11	0.0	58	Other bus type
4	0.0	59	Unknown bus type
18	0.0	60	Step van
238	0.5	61	Single unit straight truck (10,000 lbs < GVWR <or= 19,500 lbs)
200	0.4	62	Single unit straight truck (19,500 lbs < GVWR <or= 26,000 lbs)
576	1.3	63	Single unit straight truck (GVWR > 26,000 lbs)
4	0.0	64	Single unit straight truck (GVWR unknown)
18	0.0	65	Medium / heavy truck based motorhome
2481	5.4	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
108	0.2	67	Medium / heavy pickup (Ford Super Duty 450/550)
1	0.0	71	Unknown if single unit or combination unit medium truck (10,000 < GVWR < 26,000 lbs)
2	0.0	72	Unknown if single unit or combination unit heavy truck (GVWR > 26,000 lbs)
21	0.0	73	Camper or motorhome, unknown truck type
8	0.0	78	Unknown medium/heavy truck type
0	0.0	79	Unknown truck type (light/medium/heavy)
4398	9.6	80	Motorcycle
103	0.2	81	Moped (motorized bicycle)
14	0.0	82	3-wheel motorcycle or moped - not ATV
49	0.1	83	Off-road motorcycle (2 wheel)
61	0.1	88	Other motored cycle type (mini-bikes, motorscooters, pocket motorcycles, "pocket bikes")
17	0.0	89	Unknown motored cycle type
321	0.7	90	ATV (All-Terrain Vehicle; includes 3 or 4 wheels)
29	0.1	91	Snowmobile
84	0.2	92	Farm equipment other than trucks
21	0.0	93	Construction equipment other than trucks (includes graders)
59	0.1	97	Other vehicle type (includes go-cart, fork-lift, city street sweeper, dune/swamp buggy, golf cart)
1	0.0	98	Not reported
665	1.5	99	Unknown body type

The following list shows the code values given above grouped by body type.

Automobiles

- 1 Convertible (excludes sunroof, t-bar)
- 2 2-door sedan, hardtop, coupe
- 3 3-door/2-door hatchback
- 4 4-door sedan, hardtop
- 5 5-door/4-door hatchback
- 6 Station wagon (excluding van and truck based)
- 7 Hatchback, number of doors unknown
- 17 3-door coupe
- 8 Sedan/hardtop, number of doors unknown
- 9 Other or unknown automobile type

Automobile Derivatives

- 10 Auto-based pickup
- 11 Auto-based panel
- 12 Large limousine - more than four side doors or stretch chassis
- 13 3-wheel automobile or automobile derivative

Utility Vehicles

- 14 Compact utility (ANSI D-16 utility vehicle categories "small" and "midsize")
- 15 Large utility (ANSI D-16 utility vehicle categories and "fullsize" and "large")
- 16 Utility station wagon (includes suburban limousines, Escalade ESV, Suburban, Travellall, Grand Wagoneer)
- 19 Utility, unknown body type

Van Based Light Trucks (GVWR <= 10,000 lbs)

- 20 Minivan
- 21 Large van - includes van-based buses)
- 22 Step-van or walk-in van
- 28 Other van type (Hi-Cube Van, Kary)
- 29 Unknown van type

Light Conventional Truck (Pickup-style cab, GVWR <= 10,000 lbs)

- 30 Compact pickup (GVWR < 4,500 lbs.)
- 31 Standard pickup (GVWR 4,500 to 10,000 lbs.)
- 32 Pickup with slide-in camper
- 33 Convertible pickup
- 39 Unknown (pickup style) light conventional truck type

Other Light Conventional Truck (GVWR <= 10,000 lbs.)

- 40 Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)
- 41 Truck based panel
- 42 Light truck (van-based or pickup-based) motorhome
- 45 Other light conventional truck type (includes stretched suburban limousine)
- 48 Unknown light truck type (not a pickup)
- 49 Unknown light vehicle type (automobile, utility vehicle, van, or light truck)

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Variable 310:BODY TYPE (Continued)

3Nov2011 Prcnt Code Value and Description

## Buses (excludes van based)

- 50 School bus
- 51 Cross country/intercity bus (ie, Greyhound)
- 52 Transit bus (city bus)
- 58 Other bus type
- 59 Unknown bus type

## Heavy/Medium Vehicles (GVWR &gt; 10,000 lbs.)

- 60 Step van
- 61 Single unit straight truck (10,000 lbs < GVWR <or= 19,500 lbs)
- 62 Single unit straight truck (19,500 lbs < GVWR <or= 26,000 lbs)
- 63 Single unit straight truck (GVWR > 26,000 lbs)
- 64 Single unit straight truck (GVWR unknown)
- 65 Medium / heavy truck based motorhome
- 66 Truck-tractor (cab only, or with any number of trailing units; any weight)
- 67 Medium / heavy pickup (Ford Super Duty 450/550)
- 71 Unknown if single unit or combination unit medium truck (10,000 < GVWR < 26,000 lbs)
- 72 Unknown if single unit or combination unit heavy truck (GVWR > 26,000 lbs)
- 73 Camper or motorhome, unknown truck type
- 78 Unknown medium/heavy truck type
- 79 Unknown truck type (light/medium/heavy)

## Motorcycles, Mopeds, All-Terrain Vehicles (ATV), All-Terrain

- 80 Motorcycle
- 81 Moped (motorized bicycle)
- 82 3-wheel motorcycle or moped - not ATV
- 83 Off-road motorcycle (2 wheel)
- 88 Other motored cycle type (mini-bikes, motorscooters, pocket motorcycles, "pocket bikes")
- 89 Unknown motored cycle type
- 90 ATV (All-Terrain Vehicle; includes 3 or 4 wheels)

## Other Vehicles

- 91 Snowmobile
- 92 Farm equipment other than trucks
- 93 Construction equipment other than trucks (includes graders)
- 97 Other vehicle type (includes go-cart, fork-lift, city street sweeper, dune/swamp buggy, golf cart)

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<u>Variable 311</u>	<u>MODEL YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - MOD\_YEAR

3Nov2011	Prcnt	Code	Value	Description
1	0.0	1929	1929	
		-		
1518	3.3	1995	1995	
1576	3.4	1996	1996	
1979	4.3	1997	1997	
2207	4.8	1998	1998	
2642	5.8	1999	1999	
3041	6.6	2000	2000	
2801	6.1	2001	2001	
2859	6.2	2002	2002	
2963	6.5	2003	2003	
2882	6.3	2004	2004	
3040	6.6	2005	2005	
3018	6.6	2006	2006	
3037	6.6	2007	2007	
2309	5.0	2008	2008	
1653	3.6	2009	2009	
1187	2.6	2010	2010	
138	0.3	2011	2011	
0	0.0	9998	Not reported	
892	1.9	9999	Unknown	

<u>Variable 312</u>	<u>VIN</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN

VEHICLE ID NUMBER - 1ST 12 POSITIONS  
000000000000. No VIN required  
888888888888. Not reported  
999999999999. Unknown

<u>Variable 313</u>	<u>VIN - LETTER #1</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_1

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<u>Variable 314</u>	<u>VIN - LETTER #2</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_2

<u>Variable 315</u>	<u>VIN - LETTER #3</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_3

<u>Variable 316</u>	<u>VIN - LETTER #4</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_4

<u>Variable 317</u>	<u>VIN - LETTER #5</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_5

<u>Variable 318</u>	<u>VIN - LETTER #6</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_6

<u>Variable 319</u>	<u>VIN - LETTER #7</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_7

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<u>Variable 320</u>	<u>VIN - LETTER #8</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_8

<u>Variable 321</u>	<u>VIN - LETTER #9</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_9

<u>Variable 322</u>	<u>VIN - LETTER #10</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_10

<u>Variable 323</u>	<u>VIN - LETTER #11</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_11

<u>Variable 324</u>	<u>VIN - LETTER #12</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_12

<u>Variable 325</u>	<u>REGISTRATION STATE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REG\_STAT

3Nov2011 Prcnt Code Value and Description

403	0.9	0	Not applicable
1091	2.4	1	Alabama
84	0.2	2	Alaska
2	0.0	3	American Samoa

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Variable 325:REGISTRATION STATE (Continued)

3Nov2011 Prcnt Code Value and Description

844	1.8	4	Arizona
680	1.5	5	Arkansas
3486	7.6	6	California
565	1.2	8	Colorado
395	0.9	9	Connecticut
135	0.3	10	Delaware
29	0.1	11	District of Columbia
3454	7.5	12	Florida
1560	3.4	13	Georgia
1	0.0	14	Guam
155	0.3	15	Hawaii
250	0.5	16	Idaho
1441	3.1	17	Illinois
1244	2.7	18	Indiana
544	1.2	19	Iowa
555	1.2	20	Kansas
960	2.1	21	Kentucky
837	1.8	22	Louisiana
198	0.4	23	Maine
678	1.5	24	Maryland
438	1.0	25	Massachusetts
1289	2.8	26	Michigan
616	1.3	27	Minnesota
726	1.6	28	Mississippi
1039	2.3	29	Missouri
222	0.5	30	Montana
255	0.6	31	Nebraska
314	0.7	32	Nevada
166	0.4	33	New Hampshire
780	1.7	34	New Jersey
386	0.8	35	New Mexico
1587	3.5	36	New York
1746	3.8	37	North Carolina
115	0.3	38	North Dakota
1552	3.4	39	Ohio
905	2.0	40	Oklahoma
386	0.8	41	Oregon
1774	3.9	42	Pennsylvania
1	0.0	43	Puerto Rico
94	0.2	44	Rhode Island
1030	2.3	45	South Carolina
170	0.4	46	South Dakota
1358	3.0	47	Tennessee
3924	8.6	48	Texas
309	0.7	49	Utah
84	0.2	50	Vermont
957	2.1	51	Virginia
0	0.0	52	Virgin Islands
680	1.5	53	Washington
336	0.7	54	West Virginia
800	1.7	55	Wisconsin
143	0.3	56	Wyoming



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Variable 325:REGISTRATION STATE (Continued)

3Nov2011	Prcnt	Code	Value and Description
	4	0.0	91 Not reported
	710	1.6	92 No registration
	298	0.7	93 Multiple state registration
	31	0.1	94 U.S. government tags (includes military)
	79	0.2	95 Canada
	17	0.0	96 Mexico
	4	0.0	97 Other Foreign country
	16	0.0	98 Other registration (includes Native American Indian Nations)
	845	1.8	99 Unknown

Variable 326	REGISTERED VEHICLE OWNER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - OWNER

3Nov2011	Prcnt	Code	Value and Description
	1059	2.3	0 Not applicable, vehicle not registered
	25006	54.6	1 Driver (of this vehicle) was registered owner
	12616	27.6	2 Driver (of this vehicle) not registered owner (other private owner)
	4605	10.1	3 Vehicle registered as business/company/government vehicle
	221	0.5	4 Vehicle registered as rental vehicle
	72	0.2	5 Vehicle was stolen (reported by police)
	1233	2.7	6 Driverless / motor vehicle parked / stopped off roadway
	965	2.1	9 Unknown

Variable 327	ROLLOVER TRIPPED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ROLLOVER

3Nov2011	Prcnt	Code	Value and Description
	36471	79.7	0 No rollover
	6828	14.9	1 Rollover, tripped by object/vehicle
	1171	2.6	2 Rollover, untripped
	1064	2.3	8 Parked or working vehicle, data not collected
	243	0.5	9 Rollover, unknown type

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<hr/> Variable 328	<hr/> ROLLOVER LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - ROLINLOC

Location of the trip point or start of the vehicle's roll

3Nov2011 Prcnt      Code Value and Description

36471	79.7	0	No rollover
1504	3.3	1	On roadway
413	0.9	2	On shoulder
718	1.6	3	On median / separator
64	0.1	4	In gore
4295	9.4	5	On roadside
1062	2.3	6	Outside of trafficway
1064	2.3	8	Parked or working vehicle, data not collected
186	0.4	9	Unknown

<hr/> Variable 329	<hr/> JACKKNIFE	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - J\_KNIFE

Identifies the loss of control of the vehicle in motion where the trailer yaws more than 15 degrees from its normal straight line path behind the power unit.

3Nov2011 Prcnt      Code Value and Description

41771	91.2	0	Not an articulated vehicle
2686	5.9	1	No
60	0.1	2	Yes, first event
196	0.4	3	Yes, subsequent event
1064	2.3	8	Parked or working vehicle, data not collected

<hr/> Variable 330	<hr/> TRAVEL SPEED	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## NHTSA SAS Variable - TRAV\_SP

3Nov2011 Prcnt      Code Value and Description

1635	3.6	0	Stopped motor vehicle in-transport
6	0.0	1	
		-	Actual miles per hour
2	0.0	150	
1064	2.3	888	Parked or working vehicle, data not collected
1	0.0	997	Greater than 151 mph
19254	42.1	998	Not reported
5614	12.3	999	Unknown

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Variable 331	HIT AND RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEHICLE.PHIT\_RUN

3Nov2011 Prcnt Code Value and Description

44386	97.0	0	No / No hit-and-run
1367	3.0	1	Yes
0	0.0	8	Not reported
24	0.1	9	Unknown

Variable 332	VEHICLE TRAILING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TOW\_VEH

Trailing unit applies to any device connected to a motor vehicle by a hitch, including tractor-trailer combinations, boat hitched onto a motor-vehicle, etc. This does not include towed vehicles, such as a tow truck pulling a vehicle.

3Nov2011 Prcnt Code Value and Description

42562	93.0	0	No trailing units
2900	6.3	1	One trailing unit
97	0.2	2	Two trailing units
7	0.0	3	Three or more trailing units
1	0.0	4	Yes, number of trailing units unknown
27	0.1	5	Vehicle towing another motor vehicle - fixed linkage
19	0.0	6	Vehicle towing another motor vehicle - non-fixed linkage
164	0.4	9	Unknown

Variable 333	VEHICLE CONFIGURATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - V\_CONFIG

3Nov2011 Prcnt Code Value and Description

41621	90.9	0	Not applicable
659	1.4	1	Single Unit Truck (SUT): 2 axles and GVWR more than 10,000 lbs.
416	0.9	2	SUT: 3 or more axles
123	0.3	4	Truck pulling trailer(s)
72	0.2	5	Truck tractor (bobtail, i.e., tractor only, no trailer))
2241	4.9	6	Tractor/semi-trailer
97	0.2	7	Truck tractor/Double
5	0.0	8	Truck Tractor/Triple
0	0.0	10	Vehicle 10,000 lbs or less placarded for hazardous materials
73	0.2	19	Truck more than 10,000 lbs., cannot classify

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## Variable 333:VEHICLE CONFIGURATION (Continued)

3Nov2011 Prcnt      Code Value and Description

31	0.1	20	Bus/large van (seats for 9-15 occupants, including driver)
257	0.6	21	Bus (seats for 16 or more occupants, including driver)
9	0.0	98	Not reported
173	0.4	99	Unknown

---

Variable 334	CARGO BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

## NHTSA SAS Variable - CARGO\_BT

3Nov2011 Prcnt      Code Value and Description

41621	90.9	0	Not applicable
1663	3.6	1	Van/enclosed box
300	0.7	2	Cargo tank
432	0.9	3	Flatbed
361	0.8	4	Dump
20	0.0	5	Concrete mixer
29	0.1	6	Auto transporter
91	0.2	7	Garbage/refuse
121	0.3	8	Grain/chips/gravel
21	0.0	9	Pole - trailer
65	0.1	10	Log
16	0.0	11	Intermodal container chassis
9	0.0	12	Vehicle towing another motor vehicle
288	0.6	22	Bus (seats 9 or more persons, including driver)
18	0.0	28	Not reported
229	0.5	96	No cargo body type
179	0.4	97	Other
142	0.3	98	Unknown cargo body type
172	0.4	99	Unknown

---

Variable 335	SPECIAL USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

## NHTSA SAS Variable - SPEC\_USE

Indicates that the vehicle was used for a function other than the primary function for which it was designed.

3Nov2011 Prcnt      Code Value and Description

45399	99.2	0	No special use
30	0.1	1	Taxi
10	0.0	2	Vehicle used as school bus
8	0.0	3	Vehicle used as other bus
4	0.0	4	Military

Variable 335:SPECIAL USE (Continued)

3Nov2011 Prcnt Code Value and Description

89	0.2	5	Police
28	0.1	6	Ambulance
13	0.0	7	Fire truck
5	0.0	8	Emergency services vehicle
7	0.0	98	Not reported
184	0.4	99	Unknown

Variable 336	EMERGENCY USE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EMER\_USE

Emergency Use indicates operation of any motor vehicle that is legally authorized by a government authority to respond to emergencies with or without the use of emergency warning equipment, such as a police vehicle, fire truck or ambulance while actually engaged in such response

Also refers to an official motor vehicle that is usually traveling with emergency signals in use, typically red light blinking, siren sounding, etc.

3Nov2011 Prcnt Code Value and Description

45525	99.4	0	No
72	0.2	1	Yes
5	0.0	8	Not reported
175	0.4	9	Unknown

Variable 337	IMPACT-INITIAL DAMG AREA	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPACT1

Area of Impact - Intial Damage Area

3Nov2011 Prcnt Code Value and Description

3418	7.5	0	Noncollision
1747	3.8	1	1 o'clock
746	1.6	2	2 o'clock
2183	4.8	3	3 o'clock
315	0.7	4	4 o'clock
430	0.9	5	5 o'clock
2779	6.1	6	6 o'clock
519	1.1	7	7 o'clock
364	0.8	8	8 o'clock
2630	5.7	9	9 o'clock

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Variable 337:IMPACT-INITIAL DAMG AREA (Continued)

3Nov2011 Prcnt Code Value and Description

867	1.9	10	10 o'clock
2066	4.5	11	11 o'clock
23598	51.5	12	12 o'clock
108	0.2	13	Top
1101	2.4	14	Undercarriage
Special conditions			
82	0.2	18	Set-in-motion (not a clock point)
496	1.1	61	Left
368	0.8	62	Left-front half
163	0.4	63	Left-back half
369	0.8	81	Right
316	0.7	82	Right-front half
146	0.3	83	Right-back half
264	0.6	98	Not reported
702	1.5	99	Unknown

Variable 338	IMPACT-MOST DAMAGED AREA	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPACT2

Area of Impact - Most Damaged Area

3Nov2011 Prcnt Code Value and Description

2543	5.6	0	Noncollision
1460	3.2	1	1 o'clock
665	1.5	2	2 o'clock
2351	5.1	3	3 o'clock
317	0.7	4	4 o'clock
370	0.8	5	5 o'clock
2465	5.4	6	6 o'clock
481	1.1	7	7 o'clock
343	0.7	8	8 o'clock
2924	6.4	9	9 o'clock
846	1.8	10	10 o'clock
1837	4.0	11	11 o'clock
22279	48.7	12	12 o'clock
1411	3.1	13	Top
472	1.0	14	Undercarriage
Special conditions			
104	0.2	18	Set-in-motion (not a clock point)
623	1.4	61	Left
396	0.9	62	Left-front half
159	0.3	63	Left-back half

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Variable 338:IMPACT-MOST DAMAGED AREA (Continued)

3Nov2011 Prcnt Code Value and Description

474	1.0	81	Right
290	0.6	82	Right-front half
117	0.3	83	Right-back half
1600	3.5	98	Not reported
1250	2.7	99	Unknown

Variable 339	UNDERRIDE/OVERRIDE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - UNDERIDE

3Nov2011 Prcnt Code Value and Description

45214	98.8	0	No underide or override
			Underiding a Motor Vehicle in-Transport
173	0.4	1	Underide, compartment intrusion
43	0.1	2	Underide, no compartment intrusion
66	0.1	3	Underide, compartment intrusion unknown
			Underiding a Motor Vehicle NOT in-Transport
12	0.0	4	Underide, compartment intrusion
1	0.0	5	Underide, no compartment intrusion
7	0.0	6	Underide, compartment intrusion unknown
178	0.4	7	Override, motor vehicle in-transport
0	0.0	8	Override, motor vehicle NOT in-transport
83	0.2	9	Unknown if underide or override

Variable 340	EXTENT OF DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DEFORMED

Note: Extent of Deformation changed to Extent of Damage in 2009.

3Nov2011 Prcnt Code Value and Description

821	1.8	0	No damage
1064	2.3	1	Parked or working vehicle, data not collected
3607	7.9	2	Minor damage
5350	11.7	4	Functional damage
33604	73.4	6	Disabling damage
87	0.2	8	Not reported
1244	2.7	9	Unknown

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<u>Variable 341</u>	<u>VEHICLE REMOVAL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TOWED

Note: Manner of Leaving Scene changed to Vehicle Removal in 2009.

3Nov2011	Prcnt	Code	Value and Description
4920	10.7	1	Driven away
34011	74.3	2	Towed due to disabling damage
5407	11.8	3	Towed not due to disabling damage
440	1.0	4	Abandoned / left at scene
271	0.6	8	Not reported
728	1.6	9	Unknown if towed

<u>Variable 342</u>	<u>FIRE OCCURRENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FIRE\_EXP

3Nov2011	Prcnt	Code	Value and Description
44500	97.2	0	No or not reported
1277	2.8	1	Yes (this vehicle sustained fire damage)

<u>Variable 343</u>	<u>VEH RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VEH\_SC1

Related Factors at Vehicle Level - Response #1

3Nov2011	Prcnt	Code	Value and Description
----------	-------	------	-----------------------

45175	98.7	0	None
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Special Vehicle Flags identify this vehicle as one with special circumstances. They do not necessarily imply that this circumstance caused the crash:

193	0.4	32	Vehicle registration for handicapped
14	0.0	33	Vehicle being pushed by nonmotorist
31	0.1	35	Reconstructed/altered vehicle
56	0.1	36	Electric / alternative fuel vehicle
1	0.0	37	Transporting children to/from Head Start/Day Care (vehicle owned/operated by Head Start/Day Care)
12	0.0	39	Highway construction, maintenance or utility vehicle, in-transport (inside or outside work zone)
2	0.0	40	Highway incident response vehicle
12	0.0	41	Police, fire, or EMS vehicle working at the scene of an emergency or performing other traffic control activities



Variable 343:VEH RELATED FACTORS #1 (Continued)

3Nov2011	Prcnt	Code	Value and Description
23	0.1	42	Other working vehicle (not construction, maintenance, utility, police, fire, or EMS vehicle)
2	0.0	44	Adaptive equipment
256	0.6	99	Unknown

---

Variable 344	VEH RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - VEH\_SC2

Related Factors at Vehicle Level - Response #2

3Nov2011	Prcnt	Code	Value and Description
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45518	99.4	0	None
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Special Vehicle Flags identify this vehicle as one with special circumstances. They do not necessarily imply that this circumstance caused the crash:

1	0.0	36	Electric / alternative fuel vehicle
2	0.0	44	Adaptive equipment

256	0.6	99	Unknown
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Variable 345	VEHICLE FACTOR1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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NHTSA SAS Variable - factor.MFACTOR

Contributing Circumstances, Motor Vehicle

3Nov2011	Prcnt	Code	Value and Description
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42490	92.8	0	None
629	1.4	1	Tires
118	0.3	2	Brake system
26	0.1	3	Steering
14	0.0	4	Suspension
18	0.0	5	Power train
7	0.0	6	Exhaust system
62	0.1	7	Head lights
2	0.0	8	Signal lights
16	0.0	9	Other lights
1	0.0	10	Wipers
14	0.0	11	Wheels
1	0.0	12	Mirrors
12	0.0	13	Windows/windshield

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Variable 345:VEHICLE FACTOR1 (Continued)

3Nov2011 Prcnt Code Value and Description

7	0.0	14	Body, doors
25	0.1	15	Truck coupling / trailer hitch / safety chains
9	0.0	16	Safety systems
41	0.1	17	Vehicle contributing factors - no details
100	0.2	97	Other
313	0.7	98	Not reported
1872	4.1	99	Unknown

---

Variable 346	VEHICLE FACTOR2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - factor.MFACTOR

Contributing Circumstances, Motor Vehicle

3Nov2011 Prcnt Code Value and Description

7	0.0	1	Tires
8	0.0	2	Brake system
8	0.0	3	Steering
6	0.0	4	Suspension
1	0.0	5	Power train
1	0.0	6	Exhaust system
2	0.0	7	Head lights
3	0.0	8	Signal lights
4	0.0	9	Other lights
1	0.0	10	Wipers
3	0.0	11	Wheels
2	0.0	15	Truck coupling / trailer hitch / safety chains
1	0.0	16	Safety systems
2	0.0	17	Vehicle contributing factors - no details
45719	99.9	96	No factor record
9	0.0	97	Other

---

Variable 347	VEHICLE FACTOR3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - factor.MFACTOR

Contributing Circumstances, Motor Vehicle

3Nov2011 Prcnt Code Value and Description

3	0.0	1	Tires
3	0.0	2	Brake system
1	0.0	5	Power train
1	0.0	7	Head lights
2	0.0	9	Other lights

Variable 347:VEHICLE FACTOR3 (Continued)

3Nov2011 Prcnt Code Value and Description

45764	100.0	96	No factor record
3	0.0	97	Other

Variable 348	VEHICLE FACTOR4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - factor.MFACTOR

Contributing Circumstances, Motor Vehicle

3Nov2011 Prcnt Code Value and Description

2	0.0	1	Tires
1	0.0	8	Signal lights
45774	100.0	96	No factor record

Variable 349	VEHICLE FACTOR5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - factor.MFACTOR

Contributing Circumstances, Motor Vehicle

3Nov2011 Prcnt Code Value and Description

1	0.0	2	Brake system
45776	100.0	96	No factor record

Variable 350	VEHICLE MANEUVER1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Maneuver.MDRMANAV

Driver Maneuvered to Avoid

3Nov2011 Prcnt Code Value and Description

39033	85.3	0	Driver did not maneuver to avoid
65	0.1	1	Object
35	0.1	2	Poor road conditions (puddle, ice, pothole, etc.)
116	0.3	3	Live animal
1736	3.8	4	Motor vehicle
407	0.9	5	Pedestrian, pedalcyclist or other nonmotorist
245	0.5	92	Phantom/non-contact motor vehicle
1279	2.8	95	No driver present
2280	5.0	98	Not reported

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Variable 350:VEHICLE MANEUVER1 (Continued)

3Nov2011 Prcnt Code Value and Description

581	1.3	99	Unknown
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<u>Variable 351</u>	<u>VEHICLE MANEUVER2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Maneuver.MDRMANAV

Driver Maneuvered to Avoid

3Nov2011 Prcnt Code Value and Description

1	0.0	1	Object
1	0.0	2	Poor road conditions (puddle, ice, pothole, etc.)
1	0.0	3	Live animal
3	0.0	4	Motor vehicle
4	0.0	5	Pedestrian, pedalcyclist or other nonmotorist
7	0.0	92	Phantom/non-contact motor vehicle
45760	100.0	96	No maneuver record

<u>Variable 352</u>	<u>CRASH TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ACC\_TYPE

3Nov2011 Prcnt Code Value and Description

360	0.8	0	No Impact
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CATEGORY I: SINGLE DRIVER

Configuration A: Right Roadside Departure

4800	10.5	1	Drive off road
1940	4.2	2	Control/traction loss
96	0.2	3	Avoid collision with vehicle, pedestrian, animal
36	0.1	4	Specifics other
88	0.2	5	Specifics unknown

Configuration B: Left Roadside Departure

3231	7.1	6	Drive off road
1757	3.8	7	Control/traction loss
67	0.1	8	Avoid collision with vehicle, pedestrian, animal
21	0.0	9	Specifics other
50	0.1	10	Specifics unknown

Configuration C: Forward Impact

140	0.3	11	Parked vehicle
78	0.2	12	Stationary object
4748	10.4	13	Pedestrian/animal

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Variable 352:CRASH TYPE (Continued)

3Nov2011 Prcnt Code Value and Description

210	0.5	14	End departure
112	0.2	15	Specifics other
9	0.0	16	Specifics unknown

CATEGORY II: SAME TRAFFICWAY, SAME DIRECTION

Configuration D: Rear End

576	1.3	20	Stopped
495	1.1	21	Stopped, straight
78	0.2	22	Stopped, left
3	0.0	23	Stopped, right
732	1.6	24	Slower
662	1.4	25	Slower, going straight
51	0.1	26	Slower, going left
19	0.0	27	Slower, going right
200	0.4	28	Decelerating (slowing)
161	0.4	29	Decelerating (slowing), going straight
24	0.1	30	Decelerating (slowing), going left
15	0.0	31	Decelerating (slowing), going right
196	0.4	32	Specifics other
22	0.0	33	Specifics unknown

Configuration E: Forward Impact

1	0.0	34	This vehicles frontal area impacts another vehicle.
1	0.0	35	This vehicle is impacted by frontal area of another vehicle
0	0.0	36	This vehicles frontal area impacts another vehicle.
0	0.0	37	This vehicle is impacted by frontal area of another vehicle
4	0.0	38	This vehicles frontal area impacts another vehicle.
4	0.0	39	This vehicle is impacted by frontal area of another vehicle
1	0.0	40	This vehicles frontal area impacts another vehicle.
1	0.0	41	This vehicle is impacted by frontal area of another vehicle
22	0.0	42	Specifics other
2	0.0	43	Specifics unknown

Configuration F: Sideswipe/Angle

237	0.5	44	Straight ahead on left.
505	1.1	45	Straight ahead on left/right.
145	0.3	46	Changing lanes to the right
133	0.3	47	Changing lanes to the left
258	0.6	48	Specifics other
12	0.0	49	Specifics unknown

CATEGORY III: SAME TRAFFICWAY, OPPOSITE DIRECTION

Configuration G: Head-on

2354	5.1	50	Lateral move (left/right)
2355	5.1	51	Lateral move (going straight)
446	1.0	52	Specifics other

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Variable 352: CRASH TYPE (Continued)

3Nov2011 Prcnt Code Value and Description

14	0.0	53	Specifics unknown
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## Configuration H: Forward Impact

3	0.0	54	This vehicles frontal area impacts another vehicle.
3	0.0	55	This vehicle is impacted by frontal area of another vehicle
0	0.0	56	This vehicles frontal area impacts another vehicle.
0	0.0	57	This vehicle is impacted by frontal area of another vehicle
7	0.0	58	This vehicles frontal area impacts another vehicle.
7	0.0	59	This vehicle is impacted by frontal area of another vehicle
2	0.0	60	This vehicles frontal area impacts another vehicle.
2	0.0	61	This vehicle is impacted by frontal area of another vehicle
40	0.1	62	Specifics other
6	0.0	63	Specifics unknown

## Configuration I: Sideswipe/Angle

1216	2.7	64	Lateral move (left/right)
1216	2.7	65	Lateral move (going straight)
424	0.9	66	Specifics other
14	0.0	67	Specifics unknown

## CATEGORY IV: CHANGING TRAFFICWAY, VEHICLE TURNING

## Configuration J: Turn Across Path

1304	2.8	68	Initial opposite directions (left/right)
1304	2.8	69	Initial opposite directions (going straight)
16	0.0	70	Initial same directions (turning right)
16	0.0	71	Initial same directions (going straight)
115	0.3	72	Initial same directions (turning left)
115	0.3	73	Initial same directions (going straight)
32	0.1	74	Specifics other
2	0.0	75	Specifics unknown

## Configuration K: Turn Into Path

80	0.2	76	Turn into same direction (turning left)
80	0.2	77	Turn into same direction (going straight)
56	0.1	78	Turn into same direction (turning right)
56	0.1	79	Turn into same direction (going straight)
23	0.1	80	Turn into opposite directions (turning right)
23	0.1	81	Turn into opposite directions (going straight)
679	1.5	82	Turn into opposite directions (turning left)
679	1.5	83	Turn into opposite directions (going straight)
42	0.1	84	Specifics other
0	0.0	85	Specifics unknown

## CATEGORY V: INTERSECTING PATHS (VEHICLE DAMAGE)

## Configuration L: Straight Paths

863	1.9	86	Striking from the right
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Variable 352: CRASH TYPE (Continued)

3Nov2011 Prcnt Code Value and Description

863	1.9	87	Struck on the right
1242	2.7	88	Striking from the left
1242	2.7	89	Struck on the left
50	0.1	90	Specifics other
10	0.0	91	Specifics unknown

CATEGORY VI: MISCELLANEOUS Configuration M: Backing, etc.

50	0.1	92	Backing vehicle
30	0.1	93	Other vehicle or object
1064	2.3	97	Parked or working vehicle, data not collected
5274	11.5	98	Other accident type
55	0.1	99	Unknown accident type

Variable 353	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HARM\_EV

First Harmful Event

3Nov2011 Prcnt Code Value and Description

3227	7.0	1	Rollover/overturn
9	0.0	2	Fire/explosion
39	0.1	3	Immersion
0	0.0	4	Gas inhalation
221	0.5	5	Fell/jumped from vehicle
8	0.0	6	Injured in vehicle (noncollision)
57	0.1	7	Other noncollision
4384	9.6	8	Pedestrian
638	1.4	9	Pedalcyclist
120	0.3	10	Railway vehicle
231	0.5	11	Live animal
24633	53.8	12	Motor vehicle in-transport
797	1.7	14	Parked motor vehicle (not in transport)
121	0.3	15	Nonmotorist on personal conveyance
18	0.0	16	Thrown or falling object
78	0.2	17	Boulder
168	0.4	18	Other object (not fixed)
59	0.1	19	Building
28	0.1	20	Impact attenuator/crash cushion
103	0.2	21	Bridge pier or support
105	0.2	23	Bridge rail (includes parapet)
951	2.1	24	Guardrail face
296	0.6	25	Concrete traffic barrier
44	0.1	26	Other traffic barrier
809	1.8	30	Utility pole / light support
306	0.7	31	Other post, other pole or other supports
405	0.9	32	Culvert

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Variable 353:FIRST HARMFUL EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1094	2.4	33	Curb
1166	2.5	34	Ditch
1034	2.3	35	Embankment
438	1.0	38	Fence
142	0.3	39	Wall
23	0.1	40	Fire hydrant
61	0.1	41	Shrubbery
2413	5.3	42	Tree (standing only)
252	0.6	43	Other fixed object
26	0.1	44	Pavement surface irregularity (pothole, grooved, grates)
45	0.1	45	Working motor vehicle (construction, maintenance or utility vehicles only)
31	0.1	46	Traffic signal support
26	0.1	48	Snow bank
13	0.0	49	Ridden animal or animal-drawn conveyance
17	0.0	50	Bridge overhead structure
14	0.0	51	Jackknife (harmful to this vehicle)
152	0.3	52	Guardrail end
321	0.7	53	Mail box
71	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
59	0.1	57	Cable barrier
88	0.2	58	Ground
390	0.9	59	Traffic sign support
9	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
0	0.0	98	Not reported
37	0.1	99	Unknown

The following list shows the code values given above grouped by collision type.

## Noncollision Event

- 1 Rollover/overturn
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Fell/jumped from vehicle
- 6 Injured in vehicle (noncollision)
- 16 Thrown or falling object
- 44 Pavement surface irregularity (ruts, pothole, grooved, grates)
- 51 Jackknife (harmful to this vehicle)
- 72 Cargo/equipment loss or shift (harmful to this vehicle)
- 7 Other noncollision

## Collision With Motor Vehicle

## Collision Involving Motor Vehicle In-Transport

- 12 Motor vehicle in-transport



Variable 353:FIRST HARMFUL EVENT (Continued)

3Nov2011 Prcnt Code Value and Description

- 54 Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
- 55 Motor vehicle in motion outside the trafficway

Collision With Object Not Fixed

- 8 Pedestrian
- 15 Nonmotorist on personal conveyance
- 9 Pedalcycle
- 10 Railway train
- 11 Live animal
- 14 Parked motor vehicle (not in transport)
- 45 Working motor vehicle (construction, maintenance or utility vehicles only)
- 49 Ridden animal or animal-drawn conveyance
- 18 Other object (not fixed)

Collision With Fixed Object

- 17 Boulder
- 19 Building
- 58 Ground
- 20 Impact attenuator/crash cushion
- 50 Bridge overhead structure
- 21 Bridge pier or support
- 23 Bridge rail (includes parapet)
- 24 Guardrail face
- 52 Guardrail end
- 25 Concrete traffic barrier
- 57 Cable barrier
- 26 Other traffic barrier
- 59 Traffic sign support
- 46 Traffic signal support
- 30 Utility pole / light support
- 31 Other post, other pole or other supports
- 32 Culvert
- 33 Curb
- 34 Ditch
- 35 Embankment
- 38 Fence
- 39 Wall
- 40 Fire hydrant
- 41 Shrubbery
- 42 Tree (standing only)
- 43 Other fixed object
- 48 Snow bank
- 53 Mail box
- 43 Other fixed object

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<u>Variable 354</u>	<u>MOST HARMFUL EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - M\_HARM

3Nov2011	Prcnt	Code	Value and Description
6215	13.6	1	Rollover/overturn
522	1.1	2	Fire/explosion
192	0.4	3	Immersion
0	0.0	4	Gas inhalation
237	0.5	5	Fell/jumped from vehicle
12	0.0	6	Injured in vehicle (noncollision)
46	0.1	7	Other noncollision
4399	9.6	8	Pedestrian
632	1.4	9	Pedalcyclist
125	0.3	10	Railway vehicle
142	0.3	11	Live animal
24653	53.9	12	Motor vehicle in-transport
549	1.2	14	Parked motor vehicle
122	0.3	15	Nonmotorist on personal conveyance
24	0.1	16	Thrown or falling object
38	0.1	17	Boulder
109	0.2	18	Other object (not fixed)
133	0.3	19	Building
10	0.0	20	Impact attenuator/crash cushion
124	0.3	21	Bridge pier or support
79	0.2	23	Bridge rail (includes parapet)
439	1.0	24	Guardrail face
155	0.3	25	Concrete traffic barrier
23	0.1	26	Other traffic barrier
975	2.1	30	Utility pole/Light support
121	0.3	31	Other post, other pole or other supports
201	0.4	32	Culvert
111	0.2	33	Curb
253	0.6	34	Ditch
366	0.8	35	Embankment
174	0.4	38	Fence
139	0.3	39	Wall
13	0.0	40	Fire hydrant
9	0.0	41	Shrubbery
3322	7.3	42	Tree (standing only)
152	0.3	43	Other fixed object
3	0.0	44	Pavement surface irregularity (ruts, pothole, grates, etc)
17	0.0	45	Working motor vehicle
42	0.1	46	Traffic signal support
1	0.0	48	Snow bank
12	0.0	49	Ridden animal or animal-drawn conveyance
11	0.0	50	Bridge overhead structure
4	0.0	51	Jackknife (harmful to this vehicle)
72	0.2	52	Guardrail end
40	0.1	53	Mail box
448	1.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport

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Variable 354:MOST HARMFUL EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	55	Motor vehicle in motion outside the trafficway
24	0.1	57	Cable barrier
59	0.1	58	Ground
100	0.2	59	Traffic sign support
6	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
0	0.0	98	Not reported
121	0.3	99	Unknown

Variable 355	SPEED RELATED	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SPEEDREL

Indicates that a fatal crash is speeding related or that one of the following apply: At least one driver involved in the crash had a speeding related driver-related factor or at least one driver involved in the crash was charged with a speeding related violation.

3Nov2011	Prcnt	Code	Value and Description
34052	74.4	0	No
9548	20.9	1	Yes
1064	2.3	8	Parked or working vehicle, data not collected
1113	2.4	9	Unknown

Variable 356	HAZ MATERIAL CLASS NUM	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HAZ\_CNO

3Nov2011	Prcnt	Code	Value and Description
45667	99.8	0	Not applicable
4	0.0	1	Explosives
17	0.0	2	Gases
52	0.1	3	Flammable liquid and combustible liquid
1	0.0	4	Flammable solid, spontaneously combustible, and dangerous when wet
0	0.0	5	Oxidizers and organic peroxide
2	0.0	6	Poison (toxic) and poison inhalation hazard
0	0.0	7	Radioactive
7	0.0	8	Corrosive
1	0.0	9	Miscellaneous
26	0.1	88	Not reported

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Variable 357	HAZ MATERIAL ID	Width: 5	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - HAZ\_ID

3Nov2011	Prcnt	Code	Value and Description
45667	99.8	0	Not applicable
1	0.0	3	
		-	Hazardous material id
1	0.0	3257	
26	0.1	8888	Not reported

Variable 358	HAZ MATERIAL INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - HAZ\_INV

3Nov2011	Prcnt	Code	Value and Description
45667	99.8	1	No Hazardous materials involved
110	0.2	2	Hazardous materials involved

Variable 359	HAZ MATERIAL PLACARD	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - HAZ\_PLAC

3Nov2011	Prcnt	Code	Value and Description
45667	99.8	0	Not applicable
4	0.0	1	No placard
101	0.2	2	Placard displayed
5	0.0	8	Not reported

Variable 360	HAZ MATERIAL RELEASE	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - HAZ\_REL

3Nov2011	Prcnt	Code	Value and Description
45667	99.8	0	Not applicable
60	0.1	1	No release
36	0.1	2	Hazardous materials released
14	0.0	8	Not reported

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Variable 361	MOTOR CARRIER STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MCARR\_I1 - CAUTION, THESE CODES MAY BE INCORRECT

This element is only applicable for the following commercial vehicles:

1. Light trucks pulling a trailer with gross combination weight rating (GCWR) greater than 10,000 lbs.
2. Medium / Heavy Trucks: vehicles with gross vehicle weight rating (GVWR) greater than 10,000 lbs.
3. Buses with 9 or more seats (including the driver).
4. Light trucks, vans and passenger vehicles displaying a hazardous materials placard.

3Nov2011 Prcnt Code Value and Description

		MCID Issuing Authority	
		00.	Not applicable
		01.	
		- .	FARS State Code
		56.	
		57.	US DOT
		58.	MC/MX (ICC)
		77.	Not reported
		88.	None
		95.	Canada
		96.	Mexico
		99.	Unknown
41621	90.9	0	Not applicable
7	0.0	1	Alabama
5	0.0	2	Alaska
3	0.0	3	American Samoa
3	0.0	4	Arizona
18	0.0	5	Arkansas
117	0.3	6	California
2	0.0	8	Colorado
6	0.0	9	Connecticut
1	0.0	10	Delaware
3	0.0	11	District of Columbia
39	0.1	12	Florida
7	0.0	13	Georgia
1	0.0	14	Guam
7	0.0	15	Hawaii
2	0.0	16	Idaho
9	0.0	17	Illinois
14	0.0	18	Indiana
2	0.0	19	Iowa
0	0.0	20	Kansas
0	0.0	21	Kentucky
0	0.0	22	Louisiana
1	0.0	23	Maine
4	0.0	24	Maryland
2	0.0	25	Massachusetts
2	0.0	26	Michigan
3	0.0	27	Minnesota

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Variable 361: MOTOR CARRIER STATE (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	28	Mississippi
0	0.0	29	Missouri
3	0.0	30	Montana
0	0.0	31	Nebraska
1	0.0	32	Nevada
0	0.0	33	New Hampshire
1	0.0	34	New Jersey
0	0.0	35	New Mexico
2	0.0	36	New York
11	0.0	37	North Carolina
2	0.0	38	North Dakota
5	0.0	39	Ohio
1	0.0	40	Oklahoma
0	0.0	41	Oregon
9	0.0	42	Pennsylvania
0	0.0	43	Puerto Rico
1	0.0	44	Rhode Island
0	0.0	45	South Carolina
0	0.0	46	South Dakota
5	0.0	47	Tennessee
15	0.0	48	Texas
2	0.0	49	Utah
3	0.0	50	Vermont
14	0.0	51	Virginia
3	0.0	52	Virgin Islands
1	0.0	53	Washington
1	0.0	54	West Virginia
1	0.0	55	Wisconsin
49	0.1	56	Wyoming
2594	5.7	57	US DOT
28	0.1	58	MC/MX (ICC)
265	0.6	77	Not reported
449	1.0	88	None
2	0.0	95	Canada
0	0.0	96	Mexico
430	0.9	99	Unknown

Variable 362	MOTOR CARRIER ID NUMBER	Width: 9	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - MCARR\_I2

This element is only applicable for the following commercial vehicles:

1. Light trucks pulling a trailer with gross combination weight rating (GCWR) greater than 10,000 lbs.
2. Medium / Heavy Trucks: vehicles with gross vehicle weight rating (GVWR) greater than 10,000 lbs.
3. Buses with 9 or more seats (including the driver).
4. Light trucks, vans and passenger vehicles displaying a hazardous materials placard.

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Variable 362:MOTOR CARRIER ID NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

MCID Identification Number  
000000000. Not applicable  
777777777. Not reported  
888888888. None  
999999999. Unknown

Variable 363	MOTOR CARRIER ID NUMBER	Width: 11	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - MCARR\_ID

This element is only applicable for the following commercial vehicles:

1. Light trucks pulling a trailer with gross combination weight rating (GCWR) greater than 10,000 lbs.
2. Medium / Heavy Trucks: vehicles with gross vehicle weight rating (GVWR) greater than 10,000 lbs.
3. Buses with 9 or more seats (including the driver).
4. Light trucks, vans and passenger vehicles displaying a hazardous materials placard.

3Nov2011 Prcnt Code Value and Description

Motor Carrier Identification Number  
000000000000. Not applicable  
777777777777. Not reported  
888888888888. None  
999999999999. Unknown

Variable 364	BUS USE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - BUS\_USE

3Nov2011 Prcnt Code Value and Description

45319	99.0	0	Not a bus
121	0.3	1	School bus
16	0.0	4	Intercity bus
24	0.1	5	Charter / tour bus
82	0.2	6	Transit / commuter bus
11	0.0	7	Shuttle bus
7	0.0	8	Modified for personal/private use
9	0.0	98	Not reported
188	0.4	99	Unknown

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Variable 365	GROSS WEIGHT RATING-GVWR	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - GVWR

Gross Vehicle Weight Rating/Gross Combination Weight Rating

3Nov2011 Prcnt Code Value and Description

41588	90.8	0	Not applicable
42	0.1	1	10,000 lbs or less
671	1.5	2	10,001 - 26,000 lbs
3273	7.1	3	26,001 lbs or more
14	0.0	8	Not reported
189	0.4	9	Unknown

Variable 366	NUMBER OF DEATHS IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DEATHS

3Nov2011 Prcnt Code Value and Description

20091	43.9	0	0 deaths
23896	52.2	1	1 death
1528	3.3	2	2 deaths
190	0.4	3	3 deaths
54	0.1	4	4 deaths
14	0.0	5	5 deaths
3	0.0	6	6 deaths
1	0.0	10	10 deaths

Variable 367	VIN AUTO MODEL	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VINA\_MOD

Variable 368	VIN MAKE	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VINMAKE



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<u>Variable 369</u>	<u>VIN MODEL YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - VINMDYR

4-Digit Model Year

3Nov2011 Prcnt Code Value and Description

3007	6.6	0	2000
2777	6.1	1	2001
2830	6.2	2	2002
2930	6.4	3	2003
2835	6.2	4	2004
2996	6.5	5	2005
2970	6.5	6	2006
2991	6.5	7	2007
2265	4.9	8	2008
2845	6.2	9	2009
1148	2.5	10	2010
143	0.3	11	2011
2	0.0	12	2012
63	0.1	81	1981
73	0.2	82	1982
92	0.2	83	1983
118	0.3	84	1984
154	0.3	85	1985
207	0.5	86	1986
243	0.5	87	1987
280	0.6	88	1988
385	0.8	89	1989
465	1.0	90	1990
557	1.2	91	1991
705	1.5	92	1992
943	2.1	93	1993
1229	2.7	94	1994
1506	3.3	95	1995
1565	3.4	96	1996
1962	4.3	97	1997
2182	4.8	98	1998
2609	5.7	99	1999
700	1.5	9999	Unknown model year

<u>Variable 370</u>	<u>VIN VEHICLE TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VINTYPE

3Nov2011 Prcnt Code Value and Description

25087	54.8	1	(P) Passenger Vehicle
14439	31.5	2	(T) Truck
4255	9.3	3	(M) Motorcycle
1996	4.4	9	(U) Unknown

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<u>Variable 371</u>	<u>VIN BODY TYPE</u>	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN\_BT

3Nov2011 Prcnt	Code Value and Description
	2D Passenger Vehicle Sedan 2-Door
	2F Passenger Vehicle Formal Hardtop 2-Door
	2H Passenger Vehicle Hatchback 2-Door
	2L Passenger Vehicle Liftback 3-Door
	2P Passenger Vehicle Pillard Hardtop 2-Door
	2T Passenger Vehicle Hardtop 2-Door
	2W Truck 2-Door Wagon/Sport Utility
	2W Passenger Vehicle Wagon 2-Door
	3B Truck 3-Door Extended Cab/Chassis
	3C Truck 3-Door Extended Cab Pickup
	3D Passenger Vehicle Runabout 3-Door
	3P Passenger Vehicle Coupe 3-Door
	4B Truck 4-Door Extended Cab/Chassis
	4C Truck 4-Door Extended Cab Pickup
	4D Passenger Vehicle Sedan 4-Door
	4H Passenger Vehicle Hatchback 4-Door
	4L Passenger Vehicle Liftback 5-Door
	4P Passenger Vehicle Pillard Hardtop 4-Door
	4T Passenger Vehicle Hardtop 4-Door
	4W Truck 4-Door Wagon/Sport Utility
	4W Passenger Vehicle Wagon 4-Door
	5D Passenger Vehicle Sedan 5-Door
	8V Truck 8-Passenger Sport Van
	AC Truck Auto Carrier
	AM Passenger Vehicle Ambulance
	AR Truck Armored Truck
	AT Motorcycle All-Terrain
	BU Bus
	C4 Passenger Vehicle Coupe 4-Door
	CB Truck Chassis and Cab
	CB Passenger Vehicle Cab & Chassis (Luv)
	CC Truck Conventional Cab
	CG Truck Cargo Van
	CH Truck Crew Chassis
	CL Truck Club Chassis
	CM Truck Concrete or Transit Mixer
	CP Truck Crew Pickup
	CP Passenger Vehicle Coupe
	CR Truck Crane
	CS Truck Super Cab/Chassis Pickup
	CU Truck Custom Pickup
	CV Truck Convertible (Jeep Commando, Suzuki Samurai, Dodge Dakota)
	CV Passenger Vehicle Convertible
	CY Truck Cargo Cutaway
	DP Truck Dump
	DS Truck Tractor Truck (Diesel)
	EC Truck Extended Cargo Van
	EN Motorcycle Enduro

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Variable 371:VIN BODY TYPE (Continued)

3Nov2011	Prcnt	Code	Value and Description
		ES	Truck Extended Sport Van
		EV	Truck Extended Van
		EW	Truck Extended Window Van
		FB	Truck Flat-bed or Platform
		FC	Truck Forward Control
		FT	Truck Fire Truck
		GG	Truck Garbage or Refuse
		GL	Truck Gliders
		GN	Truck Grain
		HB	Passenger Vehicle Hatchback Number Doors Unknown
		HO	Truck Hopper
		HR	Passenger Vehicle Hearse
		HT	Passenger Vehicle Hardtop Number Doors Unknown
		IC	Truck Incomplete Chassis
		IE	Truck Incomplete Ext Van
		IN	Passenger Vehicle Incomplete Passenger
		LB	Passenger Vehicle Liftback
		LG	Truck Logger
		LL	Truck Suburban & Carry-All
		LM	Passenger Vehicle Limousine
		LM	Truck Limousine
		MH	Truck Motorized Home
		MK	Motorcycle Mini-Bike
		MM	Motorcycle Mini Moto Cross
		MP	Motorcycle Moped
		CC	Truck Conventional Cab
		CG	Truck Cargo Van
		CH	Truck Crew Chassis
		CL	Truck Club Chassis
		CM	Truck Concrete or Transit Mixer
		CP	Truck Crew Pickup
		CP	Passenger Vehicle Coupe
		CR	Truck Crane
		CS	Truck Super Cab/Chassis Pickup
		CU	Truck Custom Pickup
		CV	Truck Convertible (Jeep Commando, Suzuki Samurai, Dodge Dakota)
		CV	Passenger Vehicle Convertible
		CY	Truck Cargo Cutaway
		DP	Truck Dump
		DS	Truck Tractor Truck (Diesel)
		EC	Truck Extended Cargo Van
		EN	Motorcycle Enduro
		ES	Truck Extended Sport Van
		EV	Truck Extended Van
		EW	Truck Extended Window Van
		FB	Truck Flat-bed or Platform
		FC	Truck Forward Control
		FT	Truck Fire Truck
		GG	Truck Garbage or Refuse
		GL	Truck Gliders
		GN	Truck Grain

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Variable 371:VIN BODY TYPE (Continued)

3Nov2011	Prcnt	Code	Value and Description
		HB	Passenger Vehicle Hatchback Number Doors Unknown
		HO	Truck Hopper
		HR	Passenger Vehicle Hearse
		HT	Passenger Vehicle Hardtop Number Doors Unknown
		IC	Truck Incomplete Chassis
		IE	Truck Incomplete Ext Van
		IN	Passenger Vehicle Incomplete Passenger
		LB	Passenger Vehicle Liftback
		LG	Truck Logger
		LL	Truck Suburban & Carry-All
		LM	Passenger Vehicle Limousine
		LM	Truck Limousine
		MH	Truck Motorized Home
		MK	Motorcycle Mini-Bike
		MM	Motorcycle Mini Moto Cross
		MP	Motorcycle Moped
		TR	Motorcycle Trails
		TR	Truck Tractor (Gasoline)
		UT	Passenger Vehicle Utility, truck commonly registered as passenger
		UT	Truck Utility (Blazer, Jimmy, Scout, etc.)
		VC	Truck Van Camper
		VD	Truck Display Van
		VN	Truck Van
		VT	Truck Vanette (Includes Metro and Handy Van)
		VW	Truck Window Van
		WK	Truck Tow Truck Wrecker
		WW	Truck Wide Wheel Wagon
		WW	Passenger Vehicle Wide-Wheel Wagon
		XT	Truck Travel-all
		YY	Truck Cutaway
		99	Unknown

Variable 372	VIN AUTO WEIGHT	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - VIN\_WGT

3Nov2011	Prcnt	Code	Value and Description
577	1.3	0	Value not returned
1	0.0	1278	
		-	Actual weight of vehicle in pounds
3	0.0	7190	
21070	46.0	9999	Value not coded

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<u>Variable 373</u>	<u>VIN AUTO WHEELBASE SHORT</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - WHLBS\_SH

The Shortest Wheelbase for the Manufactured Model

3Nov2011	Prcnt	Code	Value and Description
2601	5.7	0	Value not returned
3	0.0	735	- Actual value in tenths of an inch
2	0.0	2370	
6668	14.6	9999	Value not coded

<u>Variable 374</u>	<u>VIN AUTO WHEELBASE LONG</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - WHLBS\_LG

The Longest Wheelbase for the Manufactured Model

3Nov2011	Prcnt	Code	Value and Description
32959	72.0	0	Value not returned
2	0.0	923	- Actual value in tenths of an inch
2	0.0	9600	
6668	14.6	9999	Value not coded

<u>Variable 375</u>	<u>VIN VEHICLE FUEL CODE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FUELCODE

3Nov2011	Prcnt	Code	Value and Description
5	0.0	0	(N) Compressed Natural Gas
1	0.0	1	(E) Electric operated
32836	71.7	2	(G) Gas
4680	10.2	3	(D) Diesel
2	0.0	4	(P) Propane
1423	3.1	5	(F) Flexible fuel
37	0.1	6	(C) Gasoline engine that can be easily converted to gaseous-powered engine (powered by natural gas, propane, etc.)
0	0.0	7	(*) Not available from VIN
130	0.3	8	(B) Electric and gasoline hybrid engine
0	0.0	10	(H) Ethanol fuel only
6663	14.6	99	(9) No VIN information

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<u>Variable 376</u>	<u>VIN TRUCK WEIGHT CODE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WGTCD\_TR

3Nov2011	Prcnt	Code	Value and Description
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4424	9.7	1	6,000 or less
6160	13.5	2	6,001 - 10,000
429	0.9	3	10,001 - 14,000
129	0.3	4	14,001 - 16,000
105	0.2	5	16,001 - 19,500
206	0.5	6	19,501 - 26,000
296	0.6	7	26,001 - 33,000
2768	6.0	8	33,001 or more
31260	68.3	9	Unknown

<u>Variable 377</u>	<u>VIN TRUCK SERIES</u>	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - SER\_TR

<u>Variable 378</u>	<u>VIN MOTORCYCLE DSPLACMNT</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - MCYCL\_DS

The Manufacturer's Cubic Centimeter (CC) Displacement of the Model

3Nov2011	Prcnt	Code	Value and Description
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18	0.0	49	
		-	Actual value
5	0.0	2294	
41510	90.7	9999	Unknown

<u>Variable 379</u>	<u>LENGTH OF VIN</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIN\_LNGT

3Nov2011	Prcnt	Code	Value and Description
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436	1.0	0	Not applicable/registration not required
1	0.0	12	Vin length is 12 characters
1	0.0	16	Vin length is 16 characters
45339	99.0	17	Vin length is 17 characters
0	0.0	99	Unknown VIN length

Variable 380	PRE-EVENT MOVEMENT	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - P\_CRASH1

Pre-Event Movement (Prior To Recognition of Critical Event); This element identifies the attribute that best describes this vehicle's activity prior to the driver's realization of an impending critical event or just prior to impact if the driver took no action or had no time to attempt any evasive maneuvers.

3Nov2011	Prcnt	Code	Value and Description
	242 0.5	0	No driver present
	27546 60.2	1	Going straight
	578 1.3	2	Decelerating in traffic lane
	161 0.4	3	Accelerating in traffic lane
	332 0.7	4	Starting in traffic lane
	1277 2.8	5	Stopped in traffic lane
	813 1.8	6	Passing or overtaking another vehicle
	58 0.1	7	Disabled or parked in travel lane
	27 0.1	8	Leaving a parking position
	6 0.0	9	Entering a parking position
	313 0.7	10	Turning right
	2656 5.8	11	Turning left
	138 0.3	12	Making a u-turn
	131 0.3	13	Backing up (other than for parking position)
	9018 19.7	14	Negotiating a curve
	790 1.7	15	Changing lanes
	105 0.2	16	Merging
	132 0.3	17	Successful avoidance maneuver to a previous critical event
	1064 2.3	97	Parked or working vehicle, data not collected
	89 0.2	98	Other
	301 0.7	99	Unknown

Variable 381	CRITICAL PRECRASH EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - P\_CRASH2

Critical Event - Precrash (Event); This element identifies the critical event which made the crash imminent.

3Nov2011	Prcnt	Code	Value and Description
			This Vehicle Loss of Control Due To:
	227 0.5	1	Blow out/flat tire
	3 0.0	2	Stalled engine
	47 0.1	3	Disabling vehicle failure (e.g., wheel fell off)
	30 0.1	4	Non-disabling vehicle problem (e.g., hood flew up)
	457 1.0	5	Poor road conditions (puddle, pothole, ice, etc.)
	2557 5.6	6	Traveling too fast for conditions
	862 1.9	8	Other cause of control loss

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Variable 381:CRITICAL PRECRASH EVENT (Continued)

3Nov2011 Prcnt Code Value and Description

708	1.5	9	Unknown cause of control loss
This Vehicle Traveling:			
3565	7.8	10	Over the lane line on left side of travel lane
960	2.1	11	Over the lane line on right side of travel lane
3398	7.4	12	Off the edge of the road on the left side
4959	10.8	13	Off the edge of the road on the right side
183	0.4	14	End departure
1802	3.9	15	Turning left at intersection
118	0.3	16	Turning right at intersection
3032	6.6	17	Crossing over (passing through) intersection
532	1.2	18	This vehicle decelerating
133	0.3	19	Unknown travel direction
Other Motor Vehicle in Lane:			
1031	2.3	50	Other vehicle stopped
891	1.9	51	Traveling in same direction with lower or steady speed
371	0.8	52	Traveling in same direction while decelerating
1794	3.9	53	Traveling in same direction with higher speed
1359	3.0	54	Traveling in opposite direction
297	0.6	55	In crossover
41	0.1	56	Backing
49	0.1	59	Unknown travel direction of the other motor vehicle in lane
Other Motor Vehicle Encroaching into Lane:			
548	1.2	60	From adjacent lane (same direction) over left lane line
483	1.1	61	From adjacent lane (same direction) over right lane line
4808	10.5	62	From opposite direction over left lane line
141	0.3	63	From opposite direction over right lane line
222	0.5	64	From parking lane, median, shoulder, roadside
134	0.3	65	From crossing street, turning Into same direction
1926	4.2	66	From crossing street, across path
506	1.1	67	From crossing street, turning into opposite direction
44	0.1	68	From crossing street, intended path not known
29	0.1	70	From driveway, turning into same direction
97	0.2	71	From driveway, across path
123	0.3	72	From driveway, turning into opposite direction
20	0.0	73	From driveway, intended path not known
23	0.1	74	From entrance to limited access highway
129	0.3	78	Encroachment by other vehicle - details unknown
Pedestrian or Pedalcyclist or Other Nonmotorist:			
3814	8.3	80	Pedestrian in roadway
100	0.2	81	Pedestrian approaching roadway
45	0.1	82	Pedestrian unknown location
520	1.1	83	Pedalcyclist or other nonmotorist in roadway
23	0.1	84	Pedalcyclist or other nonmotorist approaching roadway
10	0.0	85	Pedalcyclist or other nonmotorist unknown location
Object or Animal:			
275	0.6	87	Animal in roadway



Variable 381:CRITICAL PRECRASH EVENT (Continued)

3Nov2011 Prcnt Code Value and Description

6	0.0	88	Animal approaching roadway
4	0.0	89	Animal - unknown location
169	0.4	90	Object in Roadway
36	0.1	91	Object approaching roadway
3	0.0	92	Object unknown location

Other:

1064	2.3	97	Parked or working vehicle, data not collected
875	1.9	98	Other critical precrash event
194	0.4	99	Unknown

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Variable 382	ATTEMPTED AVOID MANEUVER	Width: 2	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - P\_CRASH3

Attempted Avoidance Maneuver; This element identifies movements/actions taken by the driver, within a critical crash envelope, in response to a Critical Precrash Event.

3Nov2011 Prcnt Code Value and Description

242	0.5	0	No driver present
30908	67.5	1	No avoidance maneuver
874	1.9	2	Braking (no lockup)
1250	2.7	3	Braking (lockup)
765	1.7	4	Braking (lockup unknown)
6	0.0	5	Releasing brakes
2241	4.9	6	Steering left
2047	4.5	7	Steering right
907	2.0	8	Braking and steering left
940	2.1	9	Braking and steering right
51	0.1	10	Accelerating
18	0.0	11	Accelerating and steering left
13	0.0	12	Accelerating and steering right
1064	2.3	97	Parked or working vehicle, data not collected
125	0.3	98	Other actions
4326	9.5	99	Unknown

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Variable 383	PRE-IMPACT STABILITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - PCRASH4

Assesses the stability of the vehicle after the critical event, but before the impact.

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## Variable 383:PRE-IMPACT STABILITY (Continued)

3Nov2011	Prcnt	Code	Value and Description
242	0.5	0	No driver present
37300	81.5	1	Tracking
2378	5.2	2	Skidding longitudinally rotation less than 30 degrees
1470	3.2	3	Skidding laterally clockwise rotation
1978	4.3	4	Skidding laterally counterclockwise rotation
214	0.5	7	Other vehicle loss-of-control
1064	2.3	8	Parked or working vehicle, data not collected
1131	2.5	9	Preocrash stability unknown

Variable 384	PRE-IMPACT LOCATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - PCRA5H5

Assesses the location of the vehicle after the critical event, but before the impact.

3Nov2011	Prcnt	Code	Value and Description
242	0.5	0	No driver present
22486	49.1	1	Stayed in original travel lane
7015	15.3	2	Stayed on roadway, but left original travel lane
427	0.9	3	Stayed on roadway, not known if left original travel lane
12855	28.1	4	Departed roadway
547	1.2	5	Remained off roadway
532	1.2	6	Returned to roadway
161	0.4	7	Entered roadway
1064	2.3	8	Parked or working vehicle, data not collected
448	1.0	9	Unknown

Variable 385	NUMBER OF TRAVEL LANES	Width: 2	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - VNUM\_LAN

A roadway is one part of a divided trafficway or, if undivided, the same as the trafficway. It refers to the roadway on which the vehicle precipitating the crash was traveling. Only lanes open for travel are counted. Turn lanes are therefore excluded.

identifies the attribute that best describes the number of travel lanes just prior to this vehicle's critical precrash event, based on the case materials

3Nov2011	Prcnt	Code	Value and Description
101	0.2	0	Nontrafficway area
630	1.4	1	1 lane

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Variable 385:NUMBER OF TRAVEL LANES (Continued)

3Nov2011 Prcnt Code Value and Description

31644	69.1	2	2 lanes
3474	7.6	3	3 lanes
6873	15.0	4	4 lanes
745	1.6	5	5 lanes
740	1.6	6	6 lanes
40	0.1	7	7 or more lanes
176	0.4	8	Not reported
290	0.6	9	Unknown
1064	2.3	98	Parked or working vehicle, data not collected

Variable 386	ROADWAY SURFACE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VPAVETYP

3Nov2011 Prcnt Code Value and Description

101	0.2	0	Nontrafficway area
3568	7.8	1	Concrete
35211	76.9	2	Blacktop, bituminous, or asphalt
13	0.0	3	Brick or block
501	1.1	4	Slag, gravel or stone
198	0.4	5	Dirt
32	0.1	7	Other
4748	10.4	8	Not reported
1405	3.1	9	Unknown

Variable 387	ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VPROFILE

3Nov2011 Prcnt Code Value and Description

101	0.2	0	Nontrafficway area
31596	69.0	1	Level
6863	15.0	2	Grade, unknown slope
1266	2.8	3	Hillcrest
181	0.4	4	Sag (bottom)
1573	3.4	5	Uphill
1974	4.3	6	Downhill
756	1.7	8	Not reported
1467	3.2	9	Unknown

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<u>Variable 388</u>	<u>SPEED LIMIT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - VSPD\_LIM

3Nov2011	Prcnt	Code	Value and Description
178	0.4	0	No statutory limit/nontrafficway area
8	0.0	5	5 mph
19	0.0	10	10 mph
61	0.1	15	15 mph
94	0.2	20	20 mph
1836	4.0	25	25 mph
2358	5.2	30	30 mph
4491	9.8	35	35 mph
3033	6.6	40	40 mph
6577	14.4	45	45 mph
2161	4.7	50	50 mph
12918	28.2	55	55 mph
1665	3.6	60	60 mph
4713	10.3	65	65 mph
2494	5.4	70	70 mph
507	1.1	75	75 mph
10	0.0	80	80 mph
427	0.9	98	Not reported
2227	4.9	99	Unknown

<u>Variable 389</u>	<u>ROADWAY SURFACE CONDITION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - VSURCOND

3Nov2011	Prcnt	Code	Value and Description
101	0.2	0	Nontrafficway area
37679	82.3	1	Dry
4880	10.7	2	Wet
644	1.4	3	Snow
699	1.5	4	Ice / frost
20	0.0	5	Sand
85	0.2	6	Water (standing or moving)
5	0.0	7	Oil
55	0.1	8	Other
136	0.3	10	Slush
97	0.2	11	Mud, dirt, gravel
75	0.2	98	Not reported
1301	2.8	99	Unknown

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Variable 390	TRAFFIC CONTROL DEVICE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON

3Nov2011	Prcnt	Code	Value and Description
33475	73.1	0	No controls
251	0.5	1	Traffic control signal (on colors) without pedestrian signal
749	1.6	2	Traffic control signal (on colors) with pedestrian signal
3269	7.1	3	Traffic control signal (on colors) not known whether or not pedestrian signal
150	0.3	4	Flashing traffic control signal
13	0.0	7	Lane use control signal
27	0.1	8	Other highway traffic signal
12	0.0	9	Unknown highway traffic signal
2822	6.2	20	Stop sign
112	0.2	21	Yield sign
2372	5.2	28	Other regulatory sign
25	0.1	29	Unknown type regulatory sign
4	0.0	32	School zone sign/device
732	1.6	40	Warning sign
54	0.1	50	Person (Officer, crossing guard, flagman, etc.)
140	0.3	65	Railway crossing device
84	0.2	97	Not reported
294	0.6	98	Other
1192	2.6	99	Unknown

The following list shows the code values given above grouped by traffic control device

0 No controls

Traffic signals

- 1 Traffic control signal (on colors) without pedestrian signal
- 2 Traffic control signal (on colors) with pedestrian signal
- 3 Traffic control signal (on colors) not known whether or not pedestrian signal
- 4 Flashing traffic control signal
- 8 Other highway traffic signal
- 9 Unknown highway traffic signal

Regulatory signs

- 7 Lane use control signal
- 20 Stop sign
- 21 Yield sign
- 28 Other regulatory sign
- 29 Unknown type regulatory sign
- 32 School zone sign/device
- 40 Warning sign

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Variable 390:TRAFFIC CONTROL DEVICE (Continued)

3Nov2011	Prcnt	Code	Value and Description
		50	Person (Officer, crossing guard, flagman, etc.)
		65	Railway crossing device
		97	Not reported
		98	Other
		99	Unknown

Variable 391	TRAFFIC CONT FUNCTIONING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VTCONT\_F

Traffic Control Device Functioning

3Nov2011	Prcnt	Code	Value and Description
33475	73.1	0	No controls
29	0.1	1	Device not functioning
22	0.0	2	Device functioning - functioning improperly
10822	23.6	3	Device functioning properly
212	0.5	8	Not reported
1217	2.7	9	Unknown

Variable 392	TRAFFICWAY DESCRIPTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VTRAFWAY

A trafficway may include several roadways if it is a physically divided highway. Trafficways are not physically divided unless the divider is a median, barrier or other constructed device. Pavement markings do not qualify.

3Nov2011	Prcnt	Code	Value and Description
101	0.2	0	Nontrafficway area
27114	59.2	1	Two-way, not divided
8419	18.4	2	Two-way, divided, unprotected (painted > 4 feet) median
5667	12.4	3	Two-way, divided, positive median barrier
453	1.0	4	One-way trafficway
2136	4.7	5	Two-way, not divided with a continuous left turn lane
592	1.3	6	Entrance / exit ramp
53	0.1	8	Not reported
1242	2.7	9	Unknown

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Variable 393	ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VALIGN

3Nov2011	Prcnt	Code	Value and Description
101	0.2	0	Nontrafficway area
34379	75.1	1	Straight
4282	9.4	2	Curve right
4208	9.2	3	Curve left
1335	2.9	4	Curve - unknown direction
235	0.5	8	Not reported
1237	2.7	9	Unknown

Variables 394 through 399 are added by UMTRI to indicate the number of persons in the vehicle with injury severities of level zero through five, respectively, based on the occupant variable V633 (INJURY SEVERITY). These variables have the value zero for the vehicle segment of nonoccupant records.

Variable 394	NUMBER UNINJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Some states do not report uninjured occupants.

3Nov2011	Prcnt	Code	Value and Description
33709	73.6	0	0 uninjured
9119	19.9	1	1 uninjured
1950	4.3	2	2 uninjured
578	1.3	3	3 uninjured
271	0.6	4	4 uninjured
105	0.2	5	5 uninjured
		-	
1	0.0	16	16 uninjured

Variable 395	NUMBER C-INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

3Nov2011	Prcnt	Code	Value and Description
41638	91.0	0	0 C-injured
3263	7.1	1	1 C-injured
594	1.3	2	2 C-injured
168	0.4	3	3 C-injured
66	0.1	4	4 C-injured
18	0.0	5	5 C-injured
		-	

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Variable 395:NUMBER C-INJURED IN VEH (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	29	29 C-injured
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<u>Variable 396</u>	<u>NUMBER B-INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

38739	84.6	0	0 B-injured
5440	11.9	1	1 B-injured
1109	2.4	2	2 B-injured
293	0.6	3	3 B-injured
110	0.2	4	4 B-injured
42	0.1	5	5 B-injured
		-	
1	0.0	50	50 B-injured

<u>Variable 397</u>	<u>NUMBER A-INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

39435	86.1	0	0 A-injured
4938	10.8	1	1 A-injured
948	2.1	2	2 A-injured
287	0.6	3	3 A-injured
110	0.2	4	4 A-injured
29	0.1	5	5 A-injured
		-	
1	0.0	26	26 A-injured

<u>Variable 398</u>	<u>NUMBER K-INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

20091	43.9	0	0 killed
23896	52.2	1	1 killed
1528	3.3	2	2 killed
190	0.4	3	3 killed
54	0.1	4	4 killed
14	0.0	5	5 killed
3	0.0	6	6 killed
1	0.0	10	10 killed



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Variable 399	NUM UNK INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

45064	98.4	0	0 unknown injured
642	1.4	1	1 unknown injured
43	0.1	2	2 unknown injured
21	0.0	3	3 unknown injured
6	0.0	4	4 unknown injured
1	0.0	15	15 unknown injured



The VEHICLE AUXILIARY Variables

Variables 400 through 412 describe characteristics of the vehicles involved in the crash and are derived by NHTSA. They are included in the Vehicle and Occupant data sets.

Variable 400	AUX: VEHICLE BODY TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_BODY

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
17718	38.7	1	Passenger car
8224	18.0	2	Light truck - pickup
6774	14.8	3	Light truck - utility
2408	5.3	4	Light truck - van
22	0.0	5	Light truck - other
3484	7.6	6	Large truck
4633	10.1	7	Motorcycle
249	0.5	8	Bus
1201	2.6	9	Other/unknown

Variable 401	AUX: CDL STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_CDL\_S

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
5464	11.9	1	Valid
37933	82.9	2	Invalid
1316	2.9	3	Unknown

Variable 402	AUX: DISTRACTED DRIVER	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_DRDIS

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
2914	6.4	1	Yes - distracted driver
41799	91.3	2	Other

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<u>Variable 403</u>	<u>AUX: DROWSY DRIVER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_DRDRO

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
751	1.6	1	Yes - drowsy driver
43962	96.0	2	Other

<u>Variable 404</u>	<u>AUX: INITIAL IMPACT POINT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_IMP1

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
3418	7.5	1	Noncollision
27202	59.4	2	Front
3996	8.7	3	Right side
3239	7.1	4	Rear
4675	10.2	5	Left side
1262	2.8	6	Other
921	2.0	7	Unknown

<u>Variable 405</u>	<u>AUX: PRINCIPAL IMPACT PNT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_IMP2

Principal Impact Point

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
2541	5.6	1	Noncollision
25373	55.4	2	Front
4132	9.0	3	Right side
2845	6.2	4	Rear
5086	11.1	5	Left side
1952	4.3	6	Other
2784	6.1	7	Unknown

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Variable 406	AUX: LICENSE COMPLIANCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_LIC\_C

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
37952	82.9	1	Valid
5427	11.9	2	Invalid
1334	2.9	3	Unknown

Variable 407	AUX: LICENSE STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_LIC\_S

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
34476	75.3	1	Valid
4357	9.5	2	Invalid
1247	2.7	3	Unknown
4633	10.1	4	Not applicable

Variable 408	AUX:MOTORCYCLE LIC STAT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_MC\_L\_S

Motorcycle License Status

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
3593	7.8	1	Valid
1002	2.2	2	Invalid
38	0.1	3	Unknown
40080	87.6	4	Not applicable

Variable 409	AUX: MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_MOD\_YR

3Nov2011	Prcnt	Code	Value and Description
1064	2.3	0	Parked or working vehicle, data not collected
1	0.0	1929	1929

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2010 - Vehicle Auxiliary

Variable 409:AUX: MODEL YEAR (Continued)

3Nov2011 Prcnt Code Value and Description

132	0.3	2011	2011
869	1.9	9999	Missing data

Variable 410	AUX: SCHOOL BUS	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_SBUS

3Nov2011 Prcnt Code Value and Description

1064	2.3	0	Parked or working vehicle, data not collected
114	0.2	1	School bus body type
11	0.0	2	Vehicle used as school bus
44588	97.4	3	Other body type

Variable 411	AUX: SPEEDING VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_SPVEH

3Nov2011 Prcnt Code Value and Description

1064	2.3	0	Parked or working vehicle, data not collected
9548	20.9	1	Speed involved
35165	76.8	2	No speed involved

Variable 412	AUX: ROLLOVER	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA AUXILIARY SAS Variable - Veh\_aux.A\_VROLL

3Nov2011 Prcnt Code Value and Description

1064	2.3	0	Parked or working vehicle, data not collected
8242	18.0	1	Rollover
36471	79.7	2	No rollover

The DRIVER Variables

Variables 413 through 460 describe the drivers of the vehicles involved in the crash. They are included in the Vehicle, Occupant and Nonmotorist data sets.

Variable 413	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 414	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST\_CASE

Variable 415	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

45777	100.0	0	Sequence number 0
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Variable 416	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

NHTSA SAS Variable - VEH\_NO

3Nov2011 Prcnt Code Value and Description

30196	66.0	1	Vehicle #1
12614	27.6	2	Vehicle #2
2093	4.6	3	Vehicle #3
545	1.2	4	Vehicle #4
183	0.4	5	Vehicle #5
		-	
2	0.0	15	Vehicle #15

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<hr/> Variable 417	<hr/> RECORD TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - LEVEL

3Nov2011 Prcnt    Code Value and Description

45777 100.0    3   Driver record

<hr/> Variable 418	<hr/> PERSON NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - PER\_NO

3Nov2011 Prcnt    Code Value and Description

45777 100.0    0   No person number for this record type

<hr/> Variable 419	<hr/> DRIVER PRESENCE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - DR\_PRES

3Nov2011 Prcnt    Code Value and Description

215    0.5    0   No driver presence / not applicable

44490 97.2    1   Yes

1064    2.3    8   Parked or working vehicle, data not collected

8    0.0    9   Unknown

<hr/> Variable 420	<hr/> DRIVER DRINKING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - DR\_DRINK

Driver Drinking - Police Reported Alcohol Involvement

3Nov2011 Prcnt    Code Value and Description

35269 77.0    0   No drinking reported

9444    20.6    1   Drinking reported

1064    2.3    8   Parked or working vehicle, data not collected



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Variable 421	DRIVER'S LICENSE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - L\_STATE

Note: License State changed to Driver's License State in 2009.

3Nov2011 Prcnt Code Value and Description

1133	2.5	1	Alabama
79	0.2	2	Alaska
0	0.0	3	American Samoa
910	2.0	4	Arizona
725	1.6	5	Arkansas
3503	7.7	6	California
561	1.2	8	Colorado
400	0.9	9	Connecticut
145	0.3	10	Delaware
34	0.1	11	District of Columbia
3403	7.4	12	Florida
1696	3.7	13	Georgia
0	0.0	14	Guam
142	0.3	15	Hawaii
241	0.5	16	Idaho
1346	2.9	17	Illinois
1076	2.4	18	Indiana
529	1.2	19	Iowa
544	1.2	20	Kansas
1005	2.2	21	Kentucky
865	1.9	22	Louisiana
197	0.4	23	Maine
651	1.4	24	Maryland
428	0.9	25	Massachusetts
1348	2.9	26	Michigan
620	1.4	27	Minnesota
749	1.6	28	Mississippi
1117	2.4	29	Missouri
199	0.4	30	Montana
253	0.6	31	Nebraska
331	0.7	32	Nevada
165	0.4	33	New Hampshire
743	1.6	34	New Jersey
368	0.8	35	New Mexico
1573	3.4	36	New York
1765	3.9	37	North Carolina
113	0.2	38	North Dakota
1532	3.3	39	Ohio
852	1.9	40	Oklahoma
389	0.8	41	Oregon
1751	3.8	42	Pennsylvania
1	0.0	43	Puerto Rico
94	0.2	44	Rhode Island
1014	2.2	45	South Carolina
161	0.4	46	South Dakota
1347	2.9	47	Tennessee
4060	8.9	48	Texas

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Variable 421:DRIVER'S LICENSE STATE (Continued)

3Nov2011 Prcnt Code Value and Description

299	0.7	49	Utah
84	0.2	50	Vermont
948	2.1	51	Virginia
1	0.0	52	Virgin Islands
676	1.5	53	Washington
358	0.8	54	West Virginia
814	1.8	55	Wisconsin
141	0.3	56	Wyoming
2	0.0	93	American Indian Nation
3	0.0	94	U.S. Government
82	0.2	95	Canada
50	0.1	96	Mexico
47	0.1	97	Other foreign country
20	0.0	98	Not reported
2094	4.6	99	Unknown

---

Variable 422	NON-CDL LICENSE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA SAS Variable - L\_TYPE

Non-CDL License Type (Irrespective of Vehicle Driven)

3Nov2011 Prcnt Code Value and Description

1771	3.9	0	Not licensed
40526	88.5	1	Full driver license
897	2.0	2	Graduated Driver License - Intermediate driver license
1064	2.3	6	Parked or working vehicle, data not collected
214	0.5	7	Graduated Driver License - Learner's Permit
27	0.1	8	Temporary license
1278	2.8	9	Unknown license type

---

Variable 423	NON-CDL LICENSE STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA SAS Variable - L\_STATUS

Non-CDL License Status (Irrespective of Vehicle Driven)

3Nov2011 Prcnt Code Value and Description

1771	3.9	0	Not licensed
2310	5.0	1	Suspended
465	1.0	2	Revoked
357	0.8	3	Expired
90	0.2	4	Canceled or denied

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Variable 423:NON-CDL LICENSE STATUS (Continued)

3Nov2011	Prcnt	Code	Value and Description
38435	84.0	6	Valid
1064	2.3	8	Parked or working vehicle, data not collected
1285	2.8	9	Unknown license status

Variable 424	CDL LICENSE STATUS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CDL\_STAT

Commercial Motor Vehicle License Status

3Nov2011	Prcnt	Code	Value and Description
37417	81.7	0	No Commercial Driver's License (CDL)
112	0.2	1	Suspended
37	0.1	2	Revoked
81	0.2	3	Expired
25	0.1	4	Canceled or denied
190	0.4	5	Disqualified
5431	11.9	6	Valid
33	0.1	7	Learner's permit
71	0.2	8	Other - not valid
225	0.5	9	(-1) and (.)
1064	2.3	97	Parked or working vehicle, data not collected
8	0.0	98	Not reported
1083	2.4	99	Unknown

Variable 425	LICENSE ENDORSEMENTS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L\_ENDORS

Compliance With License Endorsements

3Nov2011	Prcnt	Code	Value and Description
42142	92.1	0	No endorsements required for this vehicle
1027	2.2	1	Endorsement(s) required, complied with
24	0.1	2	Endorsement(s) required, not complied with
317	0.7	3	Endorsement(s) required, compliance unknown
16	0.0	8	Not reported
2251	4.9	9	Unknown, if required

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<u>Variable 426</u>	<u>LICENSE CLASS COMPLIANCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L\_COMPL

## License Compliance with Class of Vehicle

3Nov2011	Prcnt	Code	Value and Description
1731	3.8	0	Not licensed
211	0.5	1	No license required for this class vehicle
3696	8.1	2	No valid license for this class vehicle
37741	82.4	3	Valid license for this class vehicle
6	0.0	7	Not reported
11	0.0	8	Unknown if CDL and/or CDL endorsement required for this vehicle
2381	5.2	9	Unknown

<u>Variable 427</u>	<u>LICENSE RESTRICTIONS MET</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L\_RESTRI

## Compliance With License Restrictions

3Nov2011	Prcnt	Code	Value and Description
30118	65.8	0	No restrictions or not applicable
2486	5.4	1	Restrictions complied with
573	1.3	2	Restrictions not complied with
10149	22.2	3	Restrictions, compliance unknown
27	0.1	8	Not reported
2424	5.3	9	Unknown

<u>Variable 428</u>	<u>VIOLATIONS CHARGED #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
39321	85.9	0	None
Reckless/Careless/Hit-and-Run Type Offenses			
823	1.8	1	Manslaughter or homicide
123	0.3	2	Willful reckless driving; driving to endanger; negligent driving
129	0.3	3	Unsafe reckless (not willful, wanton reckless) driving
333	0.7	4	Inattentive, careless, improper driving
15	0.0	5	Fleeing or eluding police
0	0.0	6	Fail to obey police, fireman, authorized person directing traffic

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Variable 428:VIOLATIONS CHARGED #1 (Continued)

3Nov2011	Prcnt	Code	Value and Description
173	0.4	7	Hit-and-run, fail to stop after crash
36	0.1	8	Fail to give aid, info., wait for police after crash
60	0.1	9	Serious violation resulting in death
Impairment Offenses			
589	1.3	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
81	0.2	12	Driving while impaired
7	0.0	13	Driving under influence of substance not intended to intoxicate
3	0.0	14	Drinking while operating
9	0.0	15	Illegal possession of alcohol or drugs
1	0.0	16	Driving with detectable alcohol
2	0.0	18	Refusal to submit to chemical test
25	0.1	19	Alcohol, drug, or impairment violations, generally
Speed-Related Offenses			
6	0.0	21	Racing
78	0.2	22	Speeding (above the speed limit)
133	0.3	23	Speed greater than reasonable & prudent (not necessarily over the limit)
0	0.0	24	Exceeding special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
2	0.0	25	Energy speed (exceeding 55 MPH, non-pointable)
1	0.0	26	Driving too slowly
32	0.1	29	Speed related violations, generally
Rules of the Road - Traffic Sign & Signals			
51	0.1	31	Fail to stop for red signal
2	0.0	32	Fail to stop for flashing red
5	0.0	33	Violation of turn on red (fail to stop & yield, yield to pedestrians before turning)
1	0.0	34	Fail to obey flashing signal (yellow or red)
19	0.0	35	Fail to obey signal, generally
3	0.0	36	Violate RR grade crossing device/regulations
89	0.2	37	Fail to obey stop sign
10	0.0	38	Fail to obey yield sign
41	0.1	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling			
11	0.0	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
23	0.1	42	Improper method & position of turn (too wide, wrong lane)
2	0.0	43	Fail to signal for turn or stop
4	0.0	45	Fail to yield to emergency vehicle
400	0.9	46	Fail to yield, generally
14	0.0	48	Enter intersection when space insufficient
70	0.2	49	Turn, yield, signaling violations, generally

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Variable 428: VIOLATIONS CHARGED #1 (Continued)

3Nov2011	Prcnt	Code	Value and Description
			Rules of The Road - Wrong Side, Passing & Following
8	0.0	51	Driving wrong way on one-way road
79	0.2	52	Driving on left, wrong side of road, generally
12	0.0	53	Improper, unsafe passing
1	0.0	54	Pass on right (drive off pavement to pass)
0	0.0	55	Pass stopped school bus
0	0.0	56	Fail to give way when overtaken
35	0.1	58	Following too closely
15	0.0	59	Wrong side, passing, following violations, generally
			Rules of the Road - Lane Usage
21	0.0	61	Unsafe or prohibited lane change
22	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcyclist attached to another vehicle
99	0.2	69	Lane violations, generally
			NonMoving - License & Registration Violations
105	0.2	71	Driving while license withdrawn (including violation of provisions of work permit)
170	0.4	72	Other driver license violations
16	0.0	73	Commercial driver violations (log book, hours, permits carried)
37	0.1	74	Vehicle registration violations
63	0.1	75	Fail to carry insurance card
97	0.2	76	Driving uninsured vehicle
52	0.1	79	Nonmoving violations, generally
			Equipment
7	0.0	81	Lamp violations
4	0.0	82	Brake violations
66	0.1	83	Failure to require restraint use (by self or passengers)
1	0.0	84	Motorcycle equipment violations (helmet, special equipment)
0	0.0	85	Violation of hazardous cargo regulations
9	0.0	86	Size, weight, load violations
30	0.1	89	Equipment violations, generally
			License, Registration & Other Violations
6	0.0	91	Parking
7	0.0	92	Theft, unauthorized use of motor vehicle
2	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
1287	2.8	95	No driver present/unknown if driver present
44	0.1	97	Not reported
25	0.1	98	Other moving violation (coasting, backing, opening door)
730	1.6	99	Unknown violation

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Variable 429	VIOLATIONS CHARGED #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
0	0.0	0	None
Reckless/Careless/Hit-and-Run Type Offenses			
301	0.7	1	Manslaughter or homicide
100	0.2	2	Willful reckless driving; driving to endanger; negligent driving
41	0.1	3	Unsafe reckless (not willful, wanton reckless) driving
56	0.1	4	Inattentive, careless, improper driving
4	0.0	5	Fleeing or eluding police
84	0.2	7	Hit-and-run, fail to stop after crash
17	0.0	8	Fail to give aid, info., wait for police after crash, left scene
24	0.1	9	Serious violation resulting in death
Impairment Offenses			
316	0.7	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
32	0.1	12	Driving while impaired
2	0.0	13	Driving under influence of substance not intended to intoxicate
12	0.0	15	Illegal possession of alcohol or drugs
5	0.0	16	Driving with detectable alcohol
4	0.0	18	Refusal to submit to chemical test
15	0.0	19	Alcohol, drug, or impairment violations, generally
Speed-Related Offenses			
2	0.0	21	Racing
33	0.1	22	Speeding (above the Speed Limit)
27	0.1	23	Speed greater than reasonable & prudent (not necessarily over the limit)
11	0.0	29	Speed related violations, generally
Rules of the Road - Traffic Sign & Signals			
18	0.0	31	Fail to stop for red signal
1	0.0	34	Fail to obey flashing signal (yellow or red)
1	0.0	35	Fail to obey signal, generally
23	0.1	37	Fail to obey stop sign
2	0.0	38	Fail to obey yield sign
7	0.0	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling			
4	0.0	42	Improper method & position of turn (too wide, wrong lane)
1	0.0	43	Fail to signal for turn or stop
1	0.0	45	Fail to yield to emergency vehicle
67	0.1	46	Fail to yield, generally
3	0.0	48	Enter intersection when space insufficient
15	0.0	49	Turn, yield, signaling violations, generally

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Variable 429: VIOLATIONS CHARGED #2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
			Rules of The Road - Wrong Side, Passing & Following
37	0.1	52	Driving on left, wrong side of road, generally
4	0.0	53	Improper, unsafe passing
5	0.0	58	Following too closely
4	0.0	59	Wrong side, passing, following violations, generally
			Rules of the Road - Lane Usage
13	0.0	61	Unsafe or prohibited lane change
5	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
51	0.1	69	Lane violations, generally
			NonMoving - License & Registration Violations
58	0.1	71	Driving while license withdrawn (including violation of provisions of work permit)
89	0.2	72	Other driver license violations
6	0.0	73	Commercial driver violations (log book, hours, permits carried)
23	0.1	74	Vehicle registration violations
22	0.0	75	Fail to carry insurance card
62	0.1	76	Driving uninsured vehicle
26	0.1	79	Nonmoving violations, generally
			Equipment
2	0.0	81	Lamp violations
3	0.0	82	Brake violations
79	0.2	83	Failure to require restraint use (by self or passenger)
1	0.0	84	Motorcycle equipment violations (helmet, special equipment)
5	0.0	86	Size, weight, load violations
18	0.0	89	Equipment violations, generally
			License, Registration & Other Violations
3	0.0	92	Theft, unauthorized use of motor vehicle
2	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
44016	96.2	96	No violations record
12	0.0	98	Other moving violation (coasting, backing, opening door)
2	0.0	99	Unknown violation

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Variable 430	VIOLATIONS CHARGED #3	Width: 2	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
			Reckless/Careless/Hit-and-Run Type Offenses
122	0.3	1	Manslaughter or homicide



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Variable 430:VIOLATIONS CHARGED #3 (Continued)

3Nov2011	Prcnt	Code	Value and Description
61	0.1	2	Willful reckless driving; driving to endanger; negligent driving
16	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
24	0.1	4	Inattentive, careless, improper driving
5	0.0	5	Fleeing or eluding police
1	0.0	6	Fail to obey police, fireman, authorized person directing traffic
31	0.1	7	Hit-and-run, fail to stop after crash
5	0.0	8	Fail to give aid, info., wait for police after crash, left scene
6	0.0	9	Serious violation resulting in death
Impairment Offenses			
124	0.3	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
9	0.0	12	Driving while impaired
1	0.0	14	Drinking while operating
4	0.0	15	Illegal possession of alcohol or drugs
1	0.0	18	Refusal to submit to chemical test
11	0.0	19	Alcohol, drug, or impairment violations, generally
Speed-Related Offenses			
16	0.0	22	Speeding (above the Speed Limit)
17	0.0	23	Speed greater than reasonable & prudent (not necessarily over the limit)
2	0.0	29	Speed related violations, generally
Rules of the Road - Traffic Sign & Signals			
7	0.0	31	Fail to stop for red signal
1	0.0	32	Fail to stop for flashing red
1	0.0	33	Violation of turn on red (fail to stop & yield, yield to pedestrians before turning)
4	0.0	37	Fail to obey stop sign
1	0.0	38	Fail to obey yield sign
4	0.0	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling			
1	0.0	42	Improper method & position of turn (too wide, wrong lane)
13	0.0	46	Fail to yield, generally
1	0.0	48	Enter intersection when space insufficient
5	0.0	49	Turn, yield, signaling violations, generally
Rules of The Road - Wrong Side, Passing & Following			
1	0.0	51	Driving wrong way on one-way road
11	0.0	52	Driving on left, wrong side of road, generally
4	0.0	53	Improper, unsafe passing
5	0.0	58	Following too closely
2	0.0	59	Wrong side, passing, following violations, generally
Rules of the Road - Lane Usage			
5	0.0	61	Unsafe or prohibited lane change

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Variable 430: VIOLATIONS CHARGED #3 (Continued)

3Nov2011	Prcnt	Code	Value and Description
3	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
14	0.0	69	Lane violations, generally
NonMoving - License & Registration Violations			
13	0.0	71	Driving while license withdrawn (including violation of provisions of work permit)
40	0.1	72	Other driver license violations
14	0.0	74	Vehicle registration violations
10	0.0	75	Fail to carry insurance card
19	0.0	76	Driving uninsured vehicle
11	0.0	79	Nonmoving violations, generally
Equipment			
3	0.0	81	Lamp violations
25	0.1	83	Failure to require restraint use (by self or passenger)
8	0.0	89	Equipment violations, generally
License, Registration & Other Violations			
2	0.0	92	Theft, unauthorized use of motor vehicle
1	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
45089	98.5	96	No violations record
2	0.0	98	Other moving violation (coasting, backing, opening door)
1	0.0	99	Unknown violation

Variable 431	VIOLATIONS CHARGED #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
Reckless/Careless/Hit-and-Run Type Offenses			
24	0.1	1	Manslaughter or homicide
11	0.0	2	Willful reckless driving; driving to endanger; negligent driving
8	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
6	0.0	4	Inattentive, careless, improper driving
3	0.0	5	Fleeing or eluding police
9	0.0	7	Hit-and-run, fail to stop after crash
3	0.0	8	Fail to give aid, info., wait for police after crash, left scene
Impairment Offenses			
16	0.0	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
2	0.0	12	Driving while impaired

Variable 431:VIOLATIONS CHARGED #4 (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	13	Driving under influence of substance not intended to intoxicate
4	0.0	19	Alcohol, drug, or impairment violations, generally
			Speed-Related Offenses
1	0.0	21	Racing
4	0.0	22	Speeding (above the Speed Limit)
4	0.0	23	Speed greater than reasonable & prudent (not necessarily over the limit)
1	0.0	29	Speed related violations, generally
			Rules of the Road - Traffic Sign & Signals
			Rules of the Road - Turning, Yielding, Signaling
2	0.0	46	Fail to yield, generally
			Rules of The Road - Wrong Side, Passing & Following
2	0.0	52	Driving on left, wrong side of road, generally
1	0.0	53	Improper, unsafe passing
1	0.0	59	Wrong side, passing, following violations, generally
			Rules of the Road - Lane Usage
2	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
1	0.0	69	Lane violations, generally
			NonMoving - License & Registration Violations
5	0.0	71	Driving while license withdrawn (including violation of provisions of work permit)
6	0.0	72	Other driver license violations
1	0.0	74	Vehicle registration violations
4	0.0	75	Fail to carry insurance card
4	0.0	79	Nonmoving violations, generally
			Equipment
1	0.0	83	Failure to require restraint use (by self or passenger)
			License, Registration & Other Violations
45650	99.7	96	No violations record

Variable 432	VIOLATIONS CHARGED #5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
			Reckless/Careless/Hit-and-Run Type Offenses
7	0.0	1	Manslaughter or homicide

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Variable 432: VIOLATIONS CHARGED #5 (Continued)

3Nov2011	Prcnt	Code	Value and Description
4	0.0	2	Willful reckless driving; driving to endanger; negligent driving
2	0.0	4	Inattentive, careless, improper driving
1	0.0	5	Fleeing or eluding police
2	0.0	7	Hit-and-run, fail to stop after crash
1	0.0	8	Fail to give aid, info., wait for police after crash, left scene
2	0.0	9	Serious violation resulting in death
Impairment Offenses			
7	0.0	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
3	0.0	15	Illegal possession of alcohol or drugs
1	0.0	16	Driving with detectable alcohol
Speed-Related Offenses			
2	0.0	22	Speeding (above the Speed Limit)
1	0.0	29	Speed related violations, generally
Rules of the Road - Traffic Sign & Signals			
1	0.0	37	Fail to obey stop sign
Rules of the Road - Turning, Yielding, Signaling			
Rules of The Road - Wrong Side, Passing & Following			
Rules of the Road - Lane Usage			
1	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
2	0.0	69	Lane violations, generally
NonMoving - License & Registration Violations			
1	0.0	72	Other driver license violations
Equipment			
License, Registration & Other Violations			
45739	99.9	96	No violations record

Variable 433	VIOLATIONS CHARGED #6	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
Reckless/Careless/Hit-and-Run Type Offenses			
1	0.0	2	Willful reckless driving; driving to endanger; negligent driving

Variable 433:VIOLATIONS CHARGED #6 (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	7	Hit-and-run, fail to stop after crash
			Impairment Offenses
1	0.0	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
			Speed-Related Offenses
3	0.0	22	Speeding (above the Speed Limit)
			Rules of the Road - Traffic Sign & Signals
			Rules of the Road - Turning, Yielding, Signaling
			Rules of The Road - Wrong Side, Passing & Following
			Rules of the Road - Lane Usage
			NonMoving - License & Registration Violations
1	0.0	71	Driving while license withdrawn (including violation of provisions of work permit)
1	0.0	74	Vehicle registration violations
			Equipment
			License, Registration & Other Violations
45769	100.0	96	No violations record

Variable 434	VIOLATIONS CHARGED #7	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code	Value and Description
			Reckless/Careless/Hit-and-Run Type Offenses
1	0.0	1	Manslaughter or homicide
2	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
1	0.0	7	Hit-and-run, fail to stop after crash
			Impairment Offenses
			Speed-Related Offenses
			Rules of the Road - Traffic Sign & Signals
1	0.0	31	Fail to stop for red signal
			Rules of the Road - Turning, Yielding, Signaling

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Variable 434: VIOLATIONS CHARGED #7 (Continued)

3Nov2011	Prcnt	Code Value and Description
		Rules of The Road - Wrong Side, Passing & Following
		Rules of the Road - Lane Usage
		NonMoving - License & Registration Violations
		Equipment
		License, Registration & Other Violations
45772	100.0	96 No violations record

Variable 435	VIOLATIONS CHARGED #8	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - Violatn.MVIOLATN

3Nov2011	Prcnt	Code Value and Description
		Reckless/Careless/Hit-and-Run Type Offenses
1	0.0	9 Serious violation resulting in death
		Impairment Offenses
		Speed-Related Offenses
		Rules of the Road - Traffic Sign & Signals
		Rules of the Road - Turning, Yielding, Signaling
		Rules of The Road - Wrong Side, Passing & Following
		Rules of the Road - Lane Usage
		NonMoving - License & Registration Violations
		Equipment
		License, Registration & Other Violations
45776	100.0	96 No violations record

Variable 436	NUMBER OF PREV CRASHES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV\_ACC

Number of Previous Recorded Crashes

Variable 436:NUMBER OF PREV CRASHES (Continued)

3Nov2011	Prcnt	Code	Value and Description
35099	76.7	0	0 crashes
4140	9.0	1	1 crash
684	1.5	2	2 crashes
129	0.3	3	3 crashes
22	0.0	4	4 crashes
7	0.0	5	5 crashes
2	0.0	6	6 crashes
1	0.0	7	7 crashes
1	0.0	18	18 crashes
2937	6.4	98	Crashes not reported on driving record
2755	6.0	99	Unknown

Variable 437	NUMBER PREV SUSPENSIONS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV\_SUS

Number of Previous Suspensions and Revocations

3Nov2011	Prcnt	Code	Value and Description
36916	80.6	0	0 suspensions
2943	6.4	1	1 suspension
1361	3.0	2	2 suspensions
652	1.4	3	3 suspensions
423	0.9	4	4 suspensions
268	0.6	5	5 suspensions
121	0.3	6	6 suspension
123	0.3	7	7 suspensions
68	0.1	8	8 suspensions
43	0.1	9	9 suspensions
46	0.1	10	10 suspensions
		-	
1	0.0	55	55 suspensions
2686	5.9	99	Unknown

Variable 438	NUMBER OF PREV DWI CONV	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV\_DWI

Number of Previous DWI Convictions

DWI refers to both alcohol and drug convictions

3Nov2011	Prcnt	Code	Value and Description
41782	91.3	0	0 DWI convictions

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Variable 438:NUMBER OF PREV DWI CONV (Continued)

3Nov2011 Prcnt Code Value and Description

1080	2.4	1	1 DWI conviction
199	0.4	2	2 DWI convictions
19	0.0	3	3 DWI convictions
7	0.0	4	4 DWI convictions
5	0.0	5	5 DWI convictions
2685	5.9	99	Unknown

Variable 439	NUM PREV SPEEDING CONV	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV\_SPD

Number of Previous Speeding Convictions

3Nov2011 Prcnt Code Value and Description

35058	76.6	0	0 speed convictions
5733	12.5	1	1 speed conviction
1573	3.4	2	2 speed convictions
493	1.1	3	3 speed convictions
147	0.3	4	4 speed convictions
58	0.1	5	5 speed convictions
		-	
3	0.0	9	9 speed convictions
2685	5.9	99	Unknown

Variable 440	NUM PREV OTHER MV CONV	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV\_OTH

Number of Previous Other Harmful Moving Violations Convictions

3Nov2011 Prcnt Code Value and Description

35308	77.1	0	0 other convictions
5277	11.5	1	1 other conviction
1482	3.2	2	2 other convictions
544	1.2	3	3 other convictions
240	0.5	4	4 other convictions
139	0.3	5	5 other convictions
		-	
2	0.0	15	15 other convictions
2685	5.9	99	Unknown



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Variable 441	LAST CRASH - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LAST\_MO

Last Accident/Suspension/Conviction - Month

3Nov2011 Prcnt Code Value and Description

25416	55.5	0	No record
1386	3.0	1	January
1334	2.9	2	February
1622	3.5	3	March
1523	3.3	4	April
1477	3.2	5	May
1491	3.3	6	June
1489	3.3	7	July
1507	3.3	8	August
1473	3.2	9	September
1514	3.3	10	October
1427	3.1	11	November
1398	3.1	12	December
2720	5.9	99	Unknown

Variable 442	LAST CRASH - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - LAST\_YR

Last Accident/Suspension/Conviction - Year

3Nov2011 Prcnt Code Value and Description

25416	55.5	0	No record
1064	2.3	99	Parked or working vehicle, data not collected
1405	3.1	2007	2007
4206	9.2	2008	2008
6686	14.6	2009	2009
5344	11.7	2010	2010
1656	3.6	9999	Unknown

Variable 443	FIRST CRASH - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - FIRST\_MO

1ST Accident/Suspension/Conviction - Month

3Nov2011 Prcnt Code Value and Description

25416	55.5	0	No record
1410	3.1	1	January

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Variable 443: FIRST CRASH - MONTH (Continued)

3Nov2011 Prcnt      Code Value and Description

1322	2.9	2	February
1538	3.4	3	March
1510	3.3	4	April
1505	3.3	5	May
1517	3.3	6	June
1491	3.3	7	July
1554	3.4	8	August
1485	3.2	9	September
1571	3.4	10	October
1384	3.0	11	November
1354	3.0	12	December
2720	5.9	99	Unknown

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Variable 444	FIRST CRASH - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

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NHTSA SAS Variable - FIRST\_YR

1ST Accident/Suspension/Conviction - Year

3Nov2011 Prcnt      Code Value and Description

25416	55.5	0	No record
1064	2.3	99	Parked or working vehicle, data not collected
3969	8.7	2007	2007
6740	14.7	2008	2008
4886	10.7	2009	2009
2046	4.5	2010	2010
1656	3.6	9999	Unknown

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Variable 445	DRIVER'S ZIP CODE	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

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NHTSA SAS Variable - DR\_ZIP

3Nov2011 Prcnt      Code Value and Description

110	0.2	0	Not a resident of U.S. or Territories
		-	
1	0.0	99919	
1064	2.3	99998	Parked or working vehicle, data not collected
1087	2.4	99999	Unknown

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<u>Variable 446</u>	<u>DRIVER RELATED FACTORS#1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR\_SF1

Related Factors at Driver Level - Response #1

Note: "Vision obscured by" attributes have been moved to variables 450-452 in 2010.

3Nov2011 Prcnt Code Value and Description

22065	48.2	0	None
23	0.1	4	Reaction to or failure to take drugs / medication
223	0.5	8	Aggressive driving / road rage
11	0.0	12	Mother of dead fetus
5	0.0	13	Mentally challenged
1	0.0	15	Seat back not in normal upright position, seat back reclined
45	0.1	16	Police or law enforcement officer
28	0.1	18	Traveling on prohibited trafficways
3	0.0	19	Legally driving on suspended or revoked license
93	0.2	20	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
40	0.1	21	Overloading or improper loading of vehicle with passengers or cargo
9	0.0	22	Towing or pushing improperly
41	0.1	23	Failing to dim lights or to have lights on when required
305	0.7	24	Operating without required equipment
525	1.1	26	Following improperly
367	0.8	27	Improper or erratic lane changing
6916	15.1	28	Failure to keep in proper lane
99	0.2	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
31	0.1	30	Making improper entry to or exit from trafficway
62	0.1	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
132	0.3	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
23	0.1	34	Passing on wrong side
160	0.3	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
1805	3.9	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
145	0.3	37	Police pursuing this driver or police officer in pursuit
3007	6.6	38	Failure to yield right-of-way
1427	3.1	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
5	0.0	40	Passing through or around barrier
15	0.0	41	Failure to observe warnings or instructions on vehicles displaying them

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Variable 446:DRIVER RELATED FACTORS#1 (Continued)

3Nov2011	Prcnt	Code	Value and Description
9	0.0	42	Failure to signal intentions
17	0.0	45	Driving less than posted minimum
9	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
755	1.6	48	Making other improper turn
52	0.1	50	Driving wrong way on one-way traffic
1036	2.3	51	Driving on wrong side of road (intentional or unintentional)
150	0.3	52	Operator inexperience
20	0.0	53	Unfamiliar with roadway
126	0.3	54	Stopped in roadway (vehicle not abandoned)
15	0.0	57	Locked wheel
982	2.1	58	Overcorrecting
5	0.0	59	Getting off/out of or on/into a vehicle
53	0.1	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
210	0.5	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
10	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
36	0.1	79	Slippery or loose surface
108	0.2	80	Tire blowout or flat
34	0.1	81	Debris or objects in road
21	0.0	82	Ruts, holes, bumps in road
132	0.3	83	Live animals in road
111	0.2	84	Vehicle in road
66	0.1	85	Phantom vehicle
259	0.6	86	Pedestrian, pedalcyclist, or other nonmotorist
469	1.0	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
6	0.0	88	Trailer fishtailing or swaying
153	0.3	89	Driver has a driving record or driver's license from more than one state
0	0.0	90	Hit-and-run vehicle, driver
309	0.7	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
841	1.8	92	Other nonmoving traffic violations
1064	2.3	98	Parked or working vehicle, data not collected
1108	2.4	99	Unknown

The following list shows the code values given above grouped by related factors.

## Physical/mental condition

- 4 Reaction to or failure to take drugs / medication
- 8 Aggressive driving/road rage
- 12 Mother of dead fetus
- 13 Mentally challenged
- 15 Seat back not in normal upright position, seat back reclined

Variable 446:DRIVER RELATED FACTORS#1 (Continued)

3Nov2011 Prcnt Code Value and Description

16 Police or law enforcement officer

Miscellaneous factors

- 18 Traveling on prohibited trafficways
- 19 Legally driving on suspended or revoked license
- 20 Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
- 21 Overloading or improper loading of vehicle with passengers or cargo
- 22 Towing or pushing improperly
- 23 Failing to dim lights or to have lights on when required
- 24 Operating without required equipment
- 26 Following improperly
- 27 Improper or erratic lane changing
- 28 Failure to keep in proper lane
- 29 Illegal driving on road shoulder, in ditch, on sidewalk or on median
- 30 Making improper entry to or exit from trafficway
- 31 Starting or backing improperly
- 32 Opening closure into moving traffic or while vehicle is in motion
- 33 Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
- 34 Passing on wrong side
- 35 Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
- 36 Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
- 37 Police pursuing this driver or police officer in pursuit
- 38 Failure to yield right-of-way
- 39 Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
- 40 Passing through or around barrier
- 41 Failure to observe warnings or instructions on vehicles displaying them
- 42 Failure to signal intentions
- 45 Driving less than posted minimum
- 47 Making right turn from left-turn lane, making left turn from right-turn lane
- 48 Making other improper turn
- 50 Driving wrong way on one-way traffic
- 51 Driving on wrong side of road (intentional or unintentional)
- 52 Operator inexperience
- 53 Unfamiliar with roadway
- 54 Stopped in roadway (vehicle not abandoned)
- 57 Locked wheel
- 58 Overcorrecting
- 59 Getting off/out of or on/into a vehicle

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Variable 446:DRIVER RELATED FACTORS#1 (Continued)

3Nov2011 Prcnt Code Value and Description

Vision obscured by:  
attributes have been moved to variables 233-235 in 2009.

Skidding, swerving or sliding due to:

- 77 Severe crosswind
- 78 Wind from passing truck
- 79 Slippery or loose surface
- 80 Tire blowout or flat
- 81 Debris or objects in road
- 82 Ruts, holes, bumps in road
- 83 Live animals in road
- 84 Vehicle in road
- 85 Phantom vehicle
- 86 Pedestrian, pedalcyclist, or other nonmotorist
- 87 Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
- 88 Trailer fishtailing or swaying

Special circumstances

- 73 Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
- 74 Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
- 89 Driver has a driving record or driver's license from more than one state
- 91 Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
- 92 Other nonmoving traffic violations

Variable 447	DRIVER RELATED FACTORS#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR\_SF2

Related Factors at Driver Level - Response #2

3Nov2011 Prcnt Code Value and Description

- |       |      |     |      |   |
|-------|------|-----|------|---|
| 38743 | 84.6 | 0   | None |   |
|       |      |     |      |   |
|       | 1    | 0.0 | 4    | Reaction to or failure to take drugs / medication                                     |
| 28    | 0.1  | 8   |      | Aggressive driving / road rage  |
|       | 1    | 0.0 | 13   | Mentally challenged   |
|       | 1    | 0.0 | 15   | Seat back not in normal upright position, seat back reclined                          |
|       | 7    | 0.0 | 16   | Police or law enforcement officer   |
|       | 2    | 0.0 | 18   | Traveling on prohibited trafficways   |
|       | 3    | 0.0 | 20   | Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway |

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Variable 447:DRIVER RELATED FACTORS#2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
17	0.0	23	Failing to dim lights or to have lights on when required
56	0.1	24	Operating without required equipment
32	0.1	26	Following improperly
65	0.1	27	Improper or erratic lane changing
475	1.0	28	Failure to keep in proper lane
13	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
18	0.0	30	Making improper entry to or exit from trafficway
8	0.0	31	Starting or backing improperly
40	0.1	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
9	0.0	34	Passing on wrong side
53	0.1	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
588	1.3	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
82	0.2	37	Police pursuing this driver or police officer in pursuit
171	0.4	38	Failure to yield right-of-way
443	1.0	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
9	0.0	40	Passing through or around barrier
7	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
8	0.0	42	Failure to signal intentions
3	0.0	45	Driving less than posted minimum
6	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
188	0.4	48	Making other improper turn
10	0.0	50	Driving wrong way on one-way traffic
224	0.5	51	Driving on wrong side of road (intentional or unintentional)
89	0.2	52	Operator inexperience
37	0.1	53	Unfamiliar with roadway
13	0.0	54	Stopped in roadway (vehicle not abandoned)
5	0.0	57	Locked wheel
947	2.1	58	Overcorrecting
1	0.0	59	Getting off/out of or on/into a vehicle
65	0.1	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
166	0.4	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
4	0.0	77	Severe crosswind
19	0.0	79	Slippery or loose surface
24	0.1	80	Tire blowout or flat
12	0.0	81	Debris or objects in road
9	0.0	82	Ruts, holes, bumps in road

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2010 - Driver

Variable 447:DRIVER RELATED FACTORS#2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
14	0.0	83	Live animals in road
19	0.0	84	Vehicle in road
27	0.1	85	Phantom vehicle
26	0.1	86	Pedestrian, pedalcyclist, or other nonmotorist
237	0.5	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
2	0.0	88	Trailer fishtailing or swaying
27	0.1	89	Driver has a driving record or driver's license from more than one state
221	0.5	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
325	0.7	92	Other nonmoving traffic violations
1064	2.3	98	Parked or working vehicle, data not collected
1108	2.4	99	Unknown

Variable 448	DRIVER RELATED FACTORS#3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR\_SF3

Related Factors at Driver Level - Response #3

3Nov2011	Prcnt	Code	Value and Description
42869	93.6	0	None
1	0.0	4	Reaction to or failure to take drugs / medication
11	0.0	8	Aggressive driving / road rage
1	0.0	16	Police or law enforcement officer
2	0.0	18	Traveling on prohibited trafficways
1	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
2	0.0	23	Failing to dim lights or to have lights on when required
13	0.0	24	Operating without required equipment
6	0.0	26	Following improperly
3	0.0	27	Improper or erratic lane changing
47	0.1	28	Failure to keep in proper lane
3	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
6	0.0	30	Making improper entry to or exit from trafficway
1	0.0	32	Opening closure into moving traffic or while vehicle is in motion
6	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
2	0.0	34	Passing on wrong side
14	0.0	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle



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2010 - Driver

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Variable 448:DRIVER RELATED FACTORS#3 (Continued)

3Nov2011	Prcnt	Code	Value and Description
41	0.1	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
22	0.0	37	Police pursuing this driver or police officer in pursuit
16	0.0	38	Failure to yield right-of-way
40	0.1	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
2	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
13	0.0	48	Making other improper turn
4	0.0	50	Driving wrong way on one-way traffic
29	0.1	51	Driving on wrong side of road (intentional or unintentional)
22	0.0	52	Operator inexperience
7	0.0	53	Unfamiliar with roadway
5	0.0	54	Stopped in roadway (vehicle not abandoned)
1	0.0	57	Locked wheel
100	0.2	58	Overcorrecting
17	0.0	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
49	0.1	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
3	0.0	77	Severe crosswind
2	0.0	79	Slippery or loose surface
9	0.0	80	Tire blowout or flat
3	0.0	81	Debris or objects in road
3	0.0	82	Ruts, holes, bumps in road
4	0.0	83	Live animals in road
7	0.0	84	Vehicle in road
10	0.0	85	Phantom vehicle
9	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
32	0.1	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
5	0.0	89	Driver has a driving record or driver's license from more than one state
68	0.1	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
94	0.2	92	Other nonmoving traffic violations
1064	2.3	98	Parked or working vehicle, data not collected
1108	2.4	99	Unknown

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2010 - Driver

<u>Variable 449</u>	<u>DRIVER RELATED FACTORS#4</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR\_SF4

Related Factors at Driver Level - Response #4

3Nov2011 Prcnt Code Value and Description

43498	95.0	0	None
1	0.0	8	Aggressive driving / road rage
1	0.0	18	Traveling on prohibited trafficways
1	0.0	23	Failing to dim lights or to have lights on when required
2	0.0	24	Operating without required equipment
2	0.0	27	Improper or erratic lane changing
6	0.0	28	Failure to keep in proper lane
1	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
2	0.0	30	Making improper entry to or exit from trafficway
1	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
2	0.0	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
8	0.0	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
3	0.0	37	Police pursuing this driver or police officer in pursuit
2	0.0	38	Failure to yield right-of-way
3	0.0	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
1	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
1	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
2	0.0	48	Making other improper turn
4	0.0	51	Driving on wrong side of road (intentional or unintentional)
3	0.0	52	Operator inexperience
1	0.0	53	Unfamiliar with roadway
7	0.0	58	Overcorrecting
3	0.0	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
7	0.0	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
1	0.0	84	Vehicle in road
2	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
8	0.0	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
2	0.0	89	Driver has a driving record or driver's license from more than one state
7	0.0	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)

Variable 449:DRIVER RELATED FACTORS#4 (Continued)

3Nov2011	Prcnt	Code	Value and Description
23	0.1	92	Other nonmoving traffic violations
1064	2.3	98	Parked or working vehicle, data not collected
1108	2.4	99	Unknown

Variable 450	DRIVER VISION OBSCURED1	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vision.MVISOBSC

Note: Most of these elements were found in "Related Factor - Driver Level" (V229-V232) from 1982 to 2008.

Driver's vision obscured by - Response #1

3Nov2011	Prcnt	Code	Value and Description
42126	92.0	0	No obstruction noted
442	1.0	1	Rain, snow, fog, smoke, sand, dust
243	0.5	2	Reflected glare, bright sunlight, headlights
174	0.4	3	Curve, hill or other roadway design feature
25	0.1	4	Building, billboard, other structure
64	0.1	5	Trees, crops, vegetation
191	0.4	6	In-transport motor vehicle (including load)
67	0.1	7	Not in-transport motor vehicle (parked, working)
5	0.0	8	Splash or spray of passing vehicle
7	0.0	9	Inadequate defrost or defog system
12	0.0	10	Inadequate vehicle lighting system
5	0.0	11	Obstruction interior to the vehicle
1	0.0	12	External mirrors
8	0.0	13	Broken or improperly cleaned windshield
20	0.0	14	Obstructing angles on vehicle
1283	2.8	95	No driver present/unknown if driver present
58	0.1	97	Vision obscured - no details
105	0.2	98	Other visual obstruction
941	2.1	99	Unknown

Variable 451	DRIVER VISION OBSCURED2	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vision.MVISOBSC

Driver's vision obscured by - Response #2

3Nov2011	Prcnt	Code	Value and Description
5	0.0	1	Rain, snow, fog, smoke, sand, dust
6	0.0	2	Reflected glare, bright sunlight, headlights

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Variable 451:DRIVER VISION OBSCURED2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
12	0.0	3	Curve, hill or other roadway design feature
3	0.0	4	Building, billboard, other structure
5	0.0	5	Trees, crops, vegetation
10	0.0	6	In-transport motor vehicle (including load)
4	0.0	7	Not in-transport motor vehicle (parked, working)
2	0.0	8	Splash or spray of passing vehicle
1	0.0	9	Inadequate defrost or defog system
1	0.0	11	Obstruction interior to the vehicle
1	0.0	13	Broken or improperly cleaned windshield
45722	99.9	96	No record
5	0.0	98	Other visual obstruction

Variable 452	DRIVER VISION OBSCURED3	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vision.MVISOBSC

Driver's vision obscured by - Response #3

3Nov2011	Prcnt	Code	Value and Description
1	0.0	3	Curve, hill or other roadway design feature
1	0.0	11	Obstruction interior to the vehicle
45774	100.0	96	No record
1	0.0	98	Other visual obstruction

Variable 453	DRIVER IMPAIRMENT1	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Drimpair.DRIMPAIR

Condition (Impairment) at Time of Crash- Driver #1

3Nov2011	Prcnt	Code	Value and Description
30173	65.9	0	None/apparently normal
469	1.0	1	Ill, blackout
710	1.6	2	Asleep or fatigued
2	0.0	3	Walking with a cane or crutches
5	0.0	4	Paraplegic or restricted to wheelchair
3	0.0	5	Impaired due to previous injury
5	0.0	6	Deaf
0	0.0	7	Blind
85	0.2	8	Emotional (depressed, angry, disturbed, etc.)
6911	15.1	9	Under the influence of alcohol, drugs or medication
114	0.2	10	Physical impairment - no details
1287	2.8	95	No driver present/unknown if driver present
125	0.3	96	Other physical impairment

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Variable 453:DRIVER IMPAIRMENT1 (Continued)

3Nov2011 Prcnt Code Value and Description

606	1.3	98	Not reported
5282	11.5	99	Unknown if physically impaired

Variable 454	DRIVER IMPAIRMENT2	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Drimpair.DRIMPAIR

Condition (Impairment) at Time of Crash- Driver #2

3Nov2011 Prcnt Code Value and Description

13	0.0	1	Ill, blackout
41	0.1	2	Asleep or fatigued
1	0.0	4	Paraplegic or restricted to wheelchair
1	0.0	5	Impaired due to previous injury
15	0.0	8	Emotional (depressed, angry, disturbed, etc.)
141	0.3	9	Under the influence of alcohol, drugs or medication
4	0.0	10	Physical impairment - no details
11	0.0	96	Other physical impairment
45550	99.5	97	No Record

Variable 455	DRIVER IMPAIRMENT3	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Drimpair.DRIMPAIR

Condition (Impairment) at Time of Crash- Driver #3

3Nov2011 Prcnt Code Value and Description

13	0.0	1	Ill, blackout
41	0.1	2	Asleep or fatigued
1	0.0	4	Paraplegic or restricted to wheelchair
1	0.0	5	Impaired due to previous injury
15	0.0	8	Emotional (depressed, angry, disturbed, etc.)
141	0.3	9	Under the influence of alcohol, drugs or medication
4	0.0	10	Physical impairment - no details
11	0.0	96	Other physical impairment
45550	99.5	97	No Record

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<u>Variable 456</u>	<u>DRIVER DISTRACTION 1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Distract.MDRDSTRD

## Driver Distracted By #1

3Nov2011	Prcnt	Code	Value and Description
34455	75.3	0	Not distracted
350	0.8	1	Looked but did not see
151	0.3	3	By other occupant(s)
21	0.0	4	By moving object in vehicle
130	0.3	5	While talking or listening to cellular phone
30	0.1	6	While dialing cellular phone
47	0.1	7	Adjusting audio and/or climate controls
9	0.0	9	While using other device/controls integral to vehicle
67	0.1	10	While using or reaching for device/object brought into vehicle
214	0.5	12	Distracted by outside person, object or event
45	0.1	13	Eating or drinking
11	0.0	14	Smoking related
185	0.4	15	Other cellular phone related
1279	2.8	16	No driver present
1250	2.7	92	Distraction/inattention, details unknown
0	0.0	95	No record
3250	7.1	96	Not reported
519	1.1	97	Inattentive or lost in thought
235	0.5	98	Other distraction
3529	7.7	99	Unknown if distracted

<u>Variable 457</u>	<u>DRIVER DISTRACTION 2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Distract.MDRDSTRD

## Driver Distracted By #2

3Nov2011	Prcnt	Code	Value and Description
12	0.0	3	By other occupant(s)
6	0.0	5	While talking or listening to cellular phone
4	0.0	6	While dialing cellular phone
2	0.0	7	Adjusting audio and/or climate controls
2	0.0	9	While using other device/controls integral to vehicle
3	0.0	10	While using or reaching for device/object brought into vehicle
5	0.0	12	Distracted by outside person, object or event
6	0.0	13	Eating or drinking
3	0.0	14	Smoking related
14	0.0	15	Other cellular phone related
24	0.1	92	Distraction/inattention, details unknown
45640	99.7	95	No record
47	0.1	97	Inattentive or lost in thought

Variable 457:DRIVER DISTRACTION 2 (Continued)

3Nov2011 Prcnt Code Value and Description

9 0.0 98 Other distraction

<u>Variable 458</u>	<u>DRIVER DISTRACTION 3</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Distract.MDRDSTRD

Driver Distracted By #3

3Nov2011 Prcnt Code Value and Description

2	0.0	6	While dialing cellular phone
3	0.0	12	Distracted by outside person, object or event
2	0.0	15	Other cellular phone related
45770	100.0	95	No record

<u>Variable 459</u>	<u>DRIVER WEIGHT</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DR\_WGT

3Nov2011 Prcnt Code Value and Description

1	0.0	40	
		-	Actual weight in pounds
1	0.0	600	
1064	2.3	997	
1	0.0	998	Other
15791	34.5	999	Unknown

<u>Variable 460</u>	<u>DRIVER HEIGHT - INCHES</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DR\_HGT

3Nov2011 Prcnt Code Value and Description

2	0.0	36	
		-	Actual height in inches
1	0.0	89	
1064	2.3	997	
5931	13.0	999	Unknown height





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The VEHICLE EVENTS Variables

Variables 461 through 580 describe the events of the vehicles involved in the crash. They are included in the Vehicle, Occupant and Nonmotorist data sets.

<u>Variable 461</u>	<u>V1: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #1: Event

3Nov2011	Prcnt	Code	Value and Description
462	1.0	1	Rollover/overturn
8	0.0	2	Fire/explosion
7	0.0	3	Immersion
0	0.0	4	Gas inhalation
177	0.4	5	Fell/jumped from vehicle
7	0.0	6	Injured in vehicle (noncollision)
41	0.1	7	Other noncollision
3993	8.7	8	Pedestrian
583	1.3	9	Pedalcyclist
114	0.2	10	Railway vehicle
200	0.4	11	Live animal
20898	45.7	12	Motor vehicle in transport
1103	2.4	14	Parked motor vehicle
117	0.3	15	Nonmotorist on personal conveyance
21	0.0	16	Thrown or falling object
1	0.0	17	Boulder
86	0.2	18	Other object (not fixed)
2	0.0	19	Building
2	0.0	20	Impact attenuator/crash cushion
2	0.0	21	Bridge pier or support
0	0.0	23	Bridge rail (includes parapet)
10	0.0	24	Guardrail face
6	0.0	25	Concrete traffic barrier
3	0.0	26	Other traffic barrier
4	0.0	30	Utility pole/light support
5	0.0	31	Other post, other pole, or other support
1	0.0	32	Culvert
13	0.0	33	Curb
3	0.0	34	Ditch
5	0.0	35	Embankment
4	0.0	38	Fence
1	0.0	39	Wall
0	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
11	0.0	42	Tree (standing only)
12	0.0	43	Other fixed object

Variable 461:V1: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
17	0.0	44	Pavement surface irregularity (ruts, potholes, grates, etc.)
42	0.1	45	Working motor vehicle
3	0.0	46	Traffic signal support
1	0.0	48	Snow bank
13	0.0	49	Ridden animal or animal-drawn conveyance
6	0.0	50	Bridge overhead structure
6	0.0	51	Jackknife (harmful to this vehicle)
1	0.0	52	Guardrail end
0	0.0	53	Mail box
342	0.7	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable barrier
6	0.0	58	Ground
3	0.0	59	Traffic sign support
14	0.0	60	Cargo/equipment loss or shift (non-harmful)
280	0.6	61	Equipment failure (blown tire, brake failure, etc.)
10	0.0	62	Separation of units
7993	17.5	63	Ran off road - right
3383	7.4	64	Ran off road - left
642	1.4	65	Cross median
2	0.0	66	Downhill runaway
34	0.1	67	Vehicle went airborne
5014	11.0	68	Cross centerline
12	0.0	69	Re-entering highway
9	0.0	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
0	0.0	98	Not reported
37	0.1	99	Unknown

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Variable 462	V1: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #1: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
766	1.7	0	Noncollision
958	2.1	1	1 o'clock
431	0.9	2	2 o'clock
1296	2.8	3	3 o'clock
208	0.5	4	4 o'clock
289	0.6	5	5 o'clock
2635	5.8	6	6 o'clock
430	0.9	7	7 o'clock
279	0.6	8	8 o'clock

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Variable 462:V1: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
1860	4.1	9	9 o'clock
572	1.2	10	10 o'clock
1220	2.7	11	11 o'clock
15378	33.6	12	12 o'clock
82	0.2	13	Top
304	0.7	14	Undercarriage
63	0.1	18	Set-in-motion (not a clock point)
17394	38.0	55	Non-harmful event
324	0.7	61	Left
242	0.5	62	Left-front half
137	0.3	63	Left-back half
208	0.5	81	Right
174	0.4	82	Right-front half
101	0.2	83	Right-back half
94	0.2	98	Not reported
332	0.7	99	Unknown

Variable 463	V1: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #1: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	0	Noncollision
762	1.7	1	1 o'clock
445	1.0	2	2 o'clock
1634	3.6	3	3 o'clock
204	0.4	4	4 o'clock
274	0.6	5	5 o'clock
1996	4.4	6	6 o'clock
308	0.7	7	7 o'clock
216	0.5	8	8 o'clock
1750	3.8	9	9 o'clock
425	0.9	10	10 o'clock
936	2.0	11	11 o'clock
11364	24.8	12	12 o'clock
64	0.1	13	Top
40	0.1	14	Undercarriage
429	0.9	18	Set-in-motion (not a clock point)
23391	51.1	55	Non-harmful event
263	0.6	61	Left
171	0.4	62	Left-front half
88	0.2	63	Left-back half
254	0.6	81	Right
180	0.4	82	Right-front half
121	0.3	83	Right-back half
159	0.3	98	Not reported

Variable 463:V1: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

303 0.7 99 Unknown

Variable 464	V1: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #1: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

30196	66.0	1	Vehicle #1
12614	27.6	2	Vehicle #2
2093	4.6	3	Vehicle #3
545	1.2	4	Vehicle #4
183	0.4	5	Vehicle #5
		-	
2	0.0	15	Vehicle #15

Variable 465	V1: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #1: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

13071	28.6	1	Vehicle #1
8770	19.2	2	Vehicle #2
383	0.8	3	Vehicle #3
102	0.2	4	Vehicle #4
31	0.1	5	Vehicle #5
		-	
1	0.0	14	Vehicle #14
23391	51.1	9999	Not applicable; not a collision between two motor vehicles

Variable 466	V1: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #1: Crash Event Number

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Variable 466:V1: CRASH EVENT NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

37569	82.1	1	Crash event #1
4653	10.2	2	Crash event #2
1374	3.0	3	Crash event #3
943	2.1	4	Crash event #4
525	1.1	5	Crash event #5
288	0.6	6	Crash event #6
168	0.4	7	Crash event #7
97	0.2	8	Crash event #8
55	0.1	9	Crash event #9
28	0.1	10	Crash event #10
21	0.0	11	Crash event #11
15	0.0	12	Crash event #12
9	0.0	13	Crash event #13
6	0.0	14	Crash event #14
7	0.0	15	Crash event #15
6	0.0	16	Crash event #16
3	0.0	17	Crash event #17
3	0.0	18	Crash event #18
2	0.0	19	Crash event #19
2	0.0	20	Crash event #20
2	0.0	21	Crash event #21
1	0.0	23	Crash event #23

Variable 467	V2: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #2: Event

3Nov2011 Prcnt Code Value and Description

20701	45.2	0	No vehicle event
2028	4.4	1	Rollover/overturn
259	0.6	2	Fire/explosion
31	0.1	3	Immersion
66	0.1	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (noncollision)
23	0.1	7	Other noncollision
424	0.9	8	Pedestrian
46	0.1	9	Pedalcyclist
12	0.0	10	Railway vehicle
11	0.0	11	Live animal
4901	10.7	12	Motor vehicle in transport
336	0.7	14	Parked motor vehicle
4	0.0	15	Nonmotorist on personal conveyance
1	0.0	16	Thrown or falling object
54	0.1	17	Boulder
68	0.1	18	Other object (not fixed)
43	0.1	19	Building

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Variable 467:V2: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
22	0.0	20	Impact attenuator/crash cushion
80	0.2	21	Bridge pier or support
73	0.2	23	Bridge rail (includes parapet)
691	1.5	24	Guardrail face
226	0.5	25	Concrete traffic barrier
32	0.1	26	Other traffic barrier
568	1.2	30	Utility pole/light support
213	0.5	31	Other post, other pole, or other support
260	0.6	32	Culvert
845	1.8	33	Curb
743	1.6	34	Ditch
557	1.2	35	Embankment
240	0.5	38	Fence
97	0.2	39	Wall
20	0.0	40	Fire hydrant
42	0.1	41	Shrubbery
1484	3.2	42	Tree (standing only)
161	0.4	43	Other fixed object
1	0.0	44	Pavement surface irregularity (ruts, potholes, grates, etc.)
7	0.0	45	Working motor vehicle
30	0.1	46	Traffic signal support
17	0.0	48	Snow bank
3	0.0	50	Bridge overhead structure
24	0.1	51	Jackknife (harmful to this vehicle)
122	0.3	52	Guardrail end
210	0.5	53	Mail box
179	0.4	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
35	0.1	57	Cable barrier
49	0.1	58	Ground
294	0.6	59	Traffic sign support
9	0.0	60	Cargo/equipment loss or shift (non-harmful)
14	0.0	61	Equipment failure (blown tire, brake failure, etc.)
28	0.1	62	Separation of units
2590	5.7	63	Ran off road - right
3419	7.5	64	Ran off road - left
478	1.0	65	Cross median
2	0.0	66	Downhill runaway
202	0.4	67	Vehicle went airborne
969	2.1	68	Cross centerline
1687	3.7	69	Re-entering highway
36	0.1	70	Jackknife (non-harmful)
8	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
1	0.0	99	Unknown

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<u>Variable 468</u>	<u>V2: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #2: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2442	5.3	0	Noncollision
686	1.5	1	1 o'clock
258	0.6	2	2 o'clock
673	1.5	3	3 o'clock
87	0.2	4	4 o'clock
132	0.3	5	5 o'clock
314	0.7	6	6 o'clock
108	0.2	7	7 o'clock
76	0.2	8	8 o'clock
588	1.3	9	9 o'clock
214	0.5	10	10 o'clock
624	1.4	11	11 o'clock
7378	16.1	12	12 o'clock
32	0.1	13	Top
629	1.4	14	Undercarriage
171	0.4	18	Set-in-motion (not a clock point)
9434	20.6	55	Non-harmful event
150	0.3	61	Left
103	0.2	62	Left-front half
27	0.1	63	Left-back half
163	0.4	81	Right
121	0.3	82	Right-front half
49	0.1	83	Right-back half
20701	45.2	95	No vehicle event
192	0.4	98	Not reported
425	0.9	99	Unknown

<u>Variable 469</u>	<u>V2: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #2: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
90	0.2	1	1 o'clock
41	0.1	2	2 o'clock
100	0.2	3	3 o'clock
28	0.1	4	4 o'clock
64	0.1	5	5 o'clock
593	1.3	6	6 o'clock
134	0.3	7	7 o'clock
82	0.2	8	8 o'clock
234	0.5	9	9 o'clock

Variable 469:V2: IMPACT AREA (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
145	0.3	10	10 o'clock
338	0.7	11	11 o'clock
3110	6.8	12	12 o'clock
23	0.1	13	Top
40	0.1	14	Undercarriage
70	0.2	18	Set-in-motion (not a clock point)
19653	42.9	55	Non-harmful event
92	0.2	61	Left
66	0.1	62	Left-front half
41	0.1	63	Left-back half
23	0.1	81	Right
18	0.0	82	Right-front half
13	0.0	83	Right-back half
20701	45.2	95	No vehicle event
25	0.1	98	Not reported
53	0.1	99	Unknown

Variable 470	V2: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #2: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
20701	45.2	0	No vehicle event
20186	44.1	1	Vehicle #1
4154	9.1	2	Vehicle #2
538	1.2	3	Vehicle #3
128	0.3	4	Vehicle #4
36	0.1	5	Vehicle #5
1	0.0	14	Vehicle #14

Variable 471	V2: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #2: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
20701	45.2	0	No vehicle event
941	2.1	1	Vehicle #1
3303	7.2	2	Vehicle #2
928	2.0	3	Vehicle #3
167	0.4	4	Vehicle #4



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Variable 471:V2: VEH NUMBER (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
47	0.1	5	Vehicle #5
3	0.0	14	Vehicle #14
19653	42.9	9999	Not applicable; not a collision between two motor vehicles

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Variable 472	V2: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - EVENTNUM

Vehicle Event #2: Crash Event Number

3Nov2011	Prcnt	Code	Value and Description
20701	45.2	0	No vehicle event
21723	47.5	2	Crash event #2
1441	3.1	3	Crash event #3
858	1.9	4	Crash event #4
530	1.2	5	Crash event #5
212	0.5	6	Crash event #6
129	0.3	7	Crash event #7
73	0.2	8	Crash event #8
35	0.1	9	Crash event #9
24	0.1	10	Crash event #10
12	0.0	11	Crash event #11
11	0.0	12	Crash event #12
7	0.0	13	Crash event #13
5	0.0	14	Crash event #14
1	0.0	15	Crash event #15
6	0.0	16	Crash event #16
4	0.0	17	Crash event #17
3	0.0	18	Crash event #18
1	0.0	19	Crash event #19
1	0.0	22	Crash event #22

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Variable 473	V3: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.SOE

Vehicle Event #3: Event

3Nov2011	Prcnt	Code	Value and Description
29429	64.3	0	No vehicle event
2835	6.2	1	Rollover/overturn
323	0.7	2	Fire/explosion
69	0.2	3	Immersion

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Variable 473:V3: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
46	0.1	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (noncollision)
10	0.0	7	Other noncollision
216	0.5	8	Pedestrian
18	0.0	9	Pedalcyclist
1	0.0	10	Railway vehicle
6	0.0	11	Live animal
1184	2.6	12	Motor vehicle in transport
211	0.5	14	Parked motor vehicle
4	0.0	15	Nonmotorist on personal conveyance
1	0.0	16	Thrown or falling object
53	0.1	17	Boulder
68	0.1	18	Other object (not fixed)
88	0.2	19	Building
3	0.0	20	Impact attenuator/crash cushion
73	0.2	21	Bridge pier or support
72	0.2	23	Bridge rail (includes parapet)
475	1.0	24	Guardrail face
166	0.4	25	Concrete traffic barrier
15	0.0	26	Other traffic barrier
659	1.4	30	Utility pole/light support
213	0.5	31	Other post, other pole, or other support
222	0.5	32	Culvert
342	0.7	33	Curb
545	1.2	34	Ditch
539	1.2	35	Embankment
462	1.0	38	Fence
94	0.2	39	Wall
28	0.1	40	Fire hydrant
50	0.1	41	Shrubbery
1521	3.3	42	Tree (standing only)
211	0.5	43	Other fixed object
1	0.0	44	Pavement surface irregularity (ruts, potholes, grates, etc.)
3	0.0	45	Working motor vehicle
52	0.1	46	Traffic signal support
16	0.0	48	Snow bank
4	0.0	50	Bridge overhead structure
18	0.0	51	Jackknife (harmful to this vehicle)
66	0.1	52	Guardrail end
142	0.3	53	Mail box
76	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	55	Motor vehicle in motion outside the trafficway
32	0.1	57	Cable barrier
47	0.1	58	Ground
285	0.6	59	Traffic sign support
3	0.0	60	Cargo/equipment loss or shift (non-harmful)
6	0.0	61	Equipment failure (blown tire, brake failure, etc.)
29	0.1	62	Separation of units
1039	2.3	63	Ran off road - right

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Variable 473:V3: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1216	2.7	64	Ran off road - left
201	0.4	65	Cross median
474	1.0	67	Vehicle went airborne
942	2.1	68	Cross centerline
838	1.8	69	Re-entering highway
23	0.1	70	Jackknife (non-harmful)
10	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 474	V3: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #3: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
3314	7.2	0	Noncollision
312	0.7	1	1 o'clock
109	0.2	2	2 o'clock
469	1.0	3	3 o'clock
60	0.1	4	4 o'clock
80	0.2	5	5 o'clock
200	0.4	6	6 o'clock
82	0.2	7	7 o'clock
43	0.1	8	8 o'clock
465	1.0	9	9 o'clock
145	0.3	10	10 o'clock
397	0.9	11	11 o'clock
3850	8.4	12	12 o'clock
110	0.2	13	Top
387	0.8	14	Undercarriage
135	0.3	18	Set-in-motion (not a clock point)
4771	10.4	55	Non-harmful event
136	0.3	61	Left
77	0.2	62	Left-front half
25	0.1	63	Left-back half
120	0.3	81	Right
58	0.1	82	Right-front half
29	0.1	83	Right-back half
29429	64.3	95	No vehicle event
352	0.8	98	Not reported
622	1.4	99	Unknown

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<u>Variable 475</u>	<u>V3: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

## Vehicle Event #3: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
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33	0.1	1	1 o'clock
13	0.0	2	2 o'clock
24	0.1	3	3 o'clock
14	0.0	4	4 o'clock
18	0.0	5	5 o'clock
154	0.3	6	6 o'clock
36	0.1	7	7 o'clock
18	0.0	8	8 o'clock
79	0.2	9	9 o'clock
47	0.1	10	10 o'clock
96	0.2	11	11 o'clock
761	1.7	12	12 o'clock
18	0.0	13	Top
27	0.1	14	Undercarriage
16	0.0	18	Set-in-motion (not a clock point)
14873	32.5	55	Non-harmful event
30	0.1	61	Left
30	0.1	62	Left-front half
13	0.0	63	Left-back half
9	0.0	81	Right
7	0.0	82	Right-front half
3	0.0	83	Right-back half
29429	64.3	95	No vehicle event
14	0.0	98	Not reported
15	0.0	99	Unknown

<u>Variable 476</u>	<u>V3: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

## Vehicle Event #3: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
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29429	64.3	0	No vehicle event
13996	30.6	1	Vehicle #1
2054	4.5	2	Vehicle #2
233	0.5	3	Vehicle #3
45	0.1	4	Vehicle #4
11	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9

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Variable 476:V3: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	10	Vehicle #10
2	0.0	12	Vehicle #12

Variable 477	V3: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #3: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

29429	64.3	0	No vehicle event
128	0.3	1	Vehicle #1
611	1.3	2	Vehicle #2
570	1.2	3	Vehicle #3
128	0.3	4	Vehicle #4
25	0.1	5	Vehicle #5
8	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
1	0.0	11	Vehicle #11
1	0.0	13	Vehicle #13
1	0.0	15	Vehicle #15
14873	32.5	9999	Not applicable; not a collision between two motor vehicles

Variable 478	V3: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #3: Crash Event Number

3Nov2011 Prcnt Code Value and Description

29429	64.3	0	No vehicle event
14496	31.7	3	Crash event #3
737	1.6	4	Crash event #4
493	1.1	5	Crash event #5
326	0.7	6	Crash event #6
126	0.3	7	Crash event #7
77	0.2	8	Crash event #8
37	0.1	9	Crash event #9
21	0.0	10	Crash event #10
14	0.0	11	Crash event #11
4	0.0	12	Crash event #12
6	0.0	13	Crash event #13
1	0.0	14	Crash event #14

Variable 478:V3: CRASH EVENT NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

2	0.0	15	Crash event #15
1	0.0	16	Crash event #16
3	0.0	17	Crash event #17
2	0.0	18	Crash event #18
1	0.0	19	Crash event #19
1	0.0	23	Crash event #23

---

Variable 479	V4: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #4: Event

3Nov2011 Prcnt Code Value and Description

36035	78.7	0	No vehicle event
2158	4.7	1	Rollover/overturn
285	0.6	2	Fire/explosion
106	0.2	3	Immersion
20	0.0	5	Fell/jumped from vehicle
2	0.0	6	Injured in vehicle (noncollision)
5	0.0	7	Other noncollision
113	0.2	8	Pedestrian
6	0.0	9	Pedalcyclist
1	0.0	10	Railway vehicle
1	0.0	11	Live animal
649	1.4	12	Motor vehicle in transport
142	0.3	14	Parked motor vehicle
1	0.0	16	Thrown or falling object
28	0.1	17	Boulder
47	0.1	18	Other object (not fixed)
81	0.2	19	Building
4	0.0	20	Impact attenuator/crash cushion
33	0.1	21	Bridge pier or support
30	0.1	23	Bridge rail (includes parapet)
216	0.5	24	Guardrail face
80	0.2	25	Concrete traffic barrier
9	0.0	26	Other traffic barrier
316	0.7	30	Utility pole/light support
124	0.3	31	Other post, other pole, or other support
95	0.2	32	Culvert
105	0.2	33	Curb
292	0.6	34	Ditch
331	0.7	35	Embankment
335	0.7	38	Fence
60	0.1	39	Wall
23	0.1	40	Fire hydrant
47	0.1	41	Shrubbery
1156	2.5	42	Tree (standing only)

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Variable 479:V4: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
161	0.4	43	Other fixed object
1	0.0	45	Working motor vehicle
29	0.1	46	Traffic signal support
6	0.0	48	Snow bank
5	0.0	50	Bridge overhead structure
9	0.0	51	Jackknife (harmful to this vehicle)
14	0.0	52	Guardrail end
80	0.2	53	Mail box
47	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
12	0.0	57	Cable barrier
63	0.1	58	Ground
129	0.3	59	Traffic sign support
13	0.0	60	Cargo/equipment loss or shift (non-harmful)
5	0.0	61	Equipment failure (blown tire, brake failure, etc.)
16	0.0	62	Separation of units
380	0.8	63	Ran off road - right
810	1.8	64	Ran off road - left
81	0.2	65	Cross median
2	0.0	66	Downhill runaway
303	0.7	67	Vehicle went airborne
329	0.7	68	Cross centerline
330	0.7	69	Re-entering highway
11	0.0	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)
1	0.0	99	Unknown

Variable 480	V4: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #4: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2590	5.7	0	Noncollision
178	0.4	1	1 o'clock
80	0.2	2	2 o'clock
253	0.6	3	3 o'clock
40	0.1	4	4 o'clock
69	0.2	5	5 o'clock
107	0.2	6	6 o'clock
48	0.1	7	7 o'clock
27	0.1	8	8 o'clock
316	0.7	9	9 o'clock
96	0.2	10	10 o'clock
185	0.4	11	11 o'clock
1958	4.3	12	12 o'clock

Variable 480:V4: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
137	0.3	13	Top
193	0.4	14	Undercarriage
104	0.2	18	Set-in-motion (not a clock point)
2280	5.0	55	Non-harmful event
86	0.2	61	Left
51	0.1	62	Left-front half
18	0.0	63	Left-back half
90	0.2	81	Right
32	0.1	82	Right-front half
8	0.0	83	Right-back half
36035	78.7	95	No vehicle event
302	0.7	98	Not reported
494	1.1	99	Unknown

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Variable 481	V4: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #4: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
23	0.1	1	1 o'clock
8	0.0	2	2 o'clock
13	0.0	3	3 o'clock
5	0.0	4	4 o'clock
10	0.0	5	5 o'clock
81	0.2	6	6 o'clock
24	0.1	7	7 o'clock
7	0.0	8	8 o'clock
51	0.1	9	9 o'clock
24	0.1	10	10 o'clock
53	0.1	11	11 o'clock
453	1.0	12	12 o'clock
6	0.0	13	Top
7	0.0	14	Undercarriage
8	0.0	18	Set-in-motion (not a clock point)
8903	19.4	55	Non-harmful event
17	0.0	61	Left
10	0.0	62	Left-front half
7	0.0	63	Left-back half
11	0.0	81	Right
4	0.0	82	Right-front half
3	0.0	83	Right-back half
36035	78.7	95	No vehicle event
8	0.0	98	Not reported
6	0.0	99	Unknown



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<u>Variable 482</u>	<u>V4: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #4: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

36035	78.7	0	No vehicle event
8769	19.2	1	Vehicle #1
865	1.9	2	Vehicle #2
82	0.2	3	Vehicle #3
21	0.0	4	Vehicle #4
4	0.0	5	Vehicle #5
1	0.0	7	Vehicle #7

<u>Variable 483</u>	<u>V4: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #4: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

36035	78.7	0	No vehicle event
61	0.1	1	Vehicle #1
447	1.0	2	Vehicle #2
201	0.4	3	Vehicle #3
83	0.2	4	Vehicle #4
39	0.1	5	Vehicle #5
3	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9
1	0.0	10	Vehicle #10
8903	19.4	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 484</u>	<u>V4: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #4: Crash Event Number

3Nov2011 Prcnt      Code Value and Description

36035	78.7	0	No vehicle event
8941	19.5	4	Crash event #4
301	0.7	5	Crash event #5

Variable 484:V4: CRASH EVENT NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

218	0.5	6	Crash event #6
143	0.3	7	Crash event #7
66	0.1	8	Crash event #8
30	0.1	9	Crash event #9
18	0.0	10	Crash event #10
12	0.0	11	Crash event #11
5	0.0	12	Crash event #12
2	0.0	13	Crash event #13
3	0.0	14	Crash event #14
1	0.0	16	Crash event #16
1	0.0	17	Crash event #17
1	0.0	19	Crash event #19

Variable 485	V5: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #5: Event

3Nov2011 Prcnt Code Value and Description

35505	77.6	0	No vehicle event
1912	4.2	1	Rollover/overturn
331	0.7	2	Fire/explosion
65	0.1	3	Immersion
9	0.0	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (noncollision)
14	0.0	7	Other noncollision
125	0.3	8	Pedestrian
1	0.0	9	Pedalcyclist
1354	3.0	12	Motor vehicle in transport
412	0.9	14	Parked motor vehicle
3	0.0	16	Thrown or falling object
14	0.0	17	Boulder
35	0.1	18	Other object (not fixed)
78	0.2	19	Building
1	0.0	20	Impact attenuator/crash cushion
18	0.0	21	Bridge pier or support
33	0.1	23	Bridge rail (includes parapet)
295	0.6	24	Guardrail face
115	0.3	25	Concrete traffic barrier
11	0.0	26	Other traffic barrier
268	0.6	30	Utility pole/light support
83	0.2	31	Other post, other pole, or other support
73	0.2	32	Culvert
129	0.3	33	Curb
266	0.6	34	Ditch
239	0.5	35	Embankment
298	0.7	38	Fence

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Variable 485:V5: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
95	0.2	39	Wall
8	0.0	40	Fire hydrant
51	0.1	41	Shrubbery
838	1.8	42	Tree (standing only)
115	0.3	43	Other fixed object
8	0.0	45	Working motor vehicle
10	0.0	46	Traffic signal support
2	0.0	48	Snow bank
2	0.0	50	Bridge overhead structure
26	0.1	51	Jackknife (harmful to this vehicle)
10	0.0	52	Guardrail end
68	0.1	53	Mail box
116	0.3	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
23	0.1	57	Cable barrier
74	0.2	58	Ground
120	0.3	59	Traffic sign support
7	0.0	60	Cargo/equipment loss or shift (non-harmful)
33	0.1	62	Separation of units
943	2.1	63	Ran off road - right
669	1.5	64	Ran off road - left
98	0.2	65	Cross median
215	0.5	67	Vehicle went airborne
248	0.5	68	Cross centerline
286	0.6	69	Re-entering highway
20	0.0	70	Jackknife (non-harmful)
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 486	V5: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #5: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
2365	5.2	0	Noncollision
210	0.5	1	1 o'clock
70	0.2	2	2 o'clock
245	0.5	3	3 o'clock
38	0.1	4	4 o'clock
68	0.1	5	5 o'clock
166	0.4	6	6 o'clock
69	0.2	7	7 o'clock
24	0.1	8	8 o'clock
224	0.5	9	9 o'clock
67	0.1	10	10 o'clock
226	0.5	11	11 o'clock

Variable 486:V5: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
2138	4.7	12	12 o'clock
162	0.4	13	Top
216	0.5	14	Undercarriage
218	0.5	18	Set-in-motion (not a clock point)
2519	5.5	55	Non-harmful event
91	0.2	61	Left
46	0.1	62	Left-front half
24	0.1	63	Left-back half
113	0.2	81	Right
32	0.1	82	Right-front half
35	0.1	83	Right-back half
35505	77.6	95	No vehicle event
331	0.7	98	Not reported
575	1.3	99	Unknown

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Variable 487	V5: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #5: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
58	0.1	1	1 o'clock
22	0.0	2	2 o'clock
39	0.1	3	3 o'clock
4	0.0	4	4 o'clock
44	0.1	5	5 o'clock
365	0.8	6	6 o'clock
75	0.2	7	7 o'clock
34	0.1	8	8 o'clock
139	0.3	9	9 o'clock
52	0.1	10	10 o'clock
155	0.3	11	11 o'clock
541	1.2	12	12 o'clock
37	0.1	13	Top
31	0.1	14	Undercarriage
32	0.1	18	Set-in-motion (not a clock point)
8382	18.3	55	Non-harmful event
26	0.1	61	Left
19	0.0	62	Left-front half
27	0.1	63	Left-back half
39	0.1	81	Right
18	0.0	82	Right-front half
6	0.0	83	Right-back half
35505	77.6	95	No vehicle event
46	0.1	98	Not reported
81	0.2	99	Unknown

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<u>Variable 488</u>	<u>V5: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #5: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

35505	77.6	0	No vehicle event
7141	15.6	1	Vehicle #1
2157	4.7	2	Vehicle #2
640	1.4	3	Vehicle #3
232	0.5	4	Vehicle #4
84	0.2	5	Vehicle #5
18	0.0	6	Vehicle #6

<u>Variable 489</u>	<u>V5: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #5: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

35505	77.6	0	No vehicle event
192	0.4	1	Vehicle #1
526	1.1	2	Vehicle #2
542	1.2	3	Vehicle #3
356	0.8	4	Vehicle #4
182	0.4	5	Vehicle #5
85	0.2	6	Vehicle #6
7	0.0	7	Vehicle #7
8382	18.3	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 490</u>	<u>V5: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #5: Crash Event Number

3Nov2011 Prcnt      Code Value and Description

40487	88.4	0	No vehicle event
4962	10.8	5	Crash event #5
118	0.3	6	Crash event #6
88	0.2	7	Crash event #7
52	0.1	8	Crash event #8
29	0.1	9	Crash event #9

Variable 490:V5: CRASH EVENT NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

17	0.0	10	Crash event #10
7	0.0	11	Crash event #11
8	0.0	12	Crash event #12
3	0.0	13	Crash event #13
2	0.0	14	Crash event #14
4	0.0	15	Crash event #15

Variable 491	V6: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #6: Event

3Nov2011 Prcnt Code Value and Description

39733	86.8	0	No vehicle event
1210	2.6	1	Rollover/overturn
186	0.4	2	Fire/explosion
60	0.1	3	Immersion
10	0.0	5	Fell/jumped from vehicle
4	0.0	7	Other noncollision
79	0.2	8	Pedestrian
2	0.0	9	Pedalcyclist
710	1.6	12	Motor vehicle in transport
311	0.7	14	Parked motor vehicle
1	0.0	15	Nonmotorist on personal conveyance
3	0.0	16	Thrown or falling object
19	0.0	17	Boulder
29	0.1	18	Other object (not fixed)
63	0.1	19	Building
2	0.0	20	Impact attenuator/crash cushion
22	0.0	21	Bridge pier or support
7	0.0	23	Bridge rail (includes parapet)
185	0.4	24	Guardrail face
83	0.2	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
154	0.3	30	Utility pole/light support
53	0.1	31	Other post, other pole, or other support
32	0.1	32	Culvert
84	0.2	33	Curb
160	0.3	34	Ditch
129	0.3	35	Embankment
218	0.5	38	Fence
45	0.1	39	Wall
10	0.0	40	Fire hydrant
25	0.1	41	Shrubbery
478	1.0	42	Tree (standing only)
49	0.1	43	Other fixed object

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Variable 491:V6: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	44	Pavement surface irregularity (ruts, potholes, grates, etc.)
5	0.0	45	Working motor vehicle
6	0.0	46	Traffic signal support
8	0.0	48	Snow bank
9	0.0	51	Jackknife (harmful to this vehicle)
16	0.0	52	Guardrail end
35	0.1	53	Mail box
115	0.3	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
4	0.0	57	Cable barrier
42	0.1	58	Ground
76	0.2	59	Traffic sign support
6	0.0	60	Cargo/equipment loss or shift (non-harmful)
1	0.0	61	Equipment failure (blown tire, brake failure, etc.)
16	0.0	62	Separation of units
473	1.0	63	Ran off road - right
324	0.7	64	Ran off road - left
42	0.1	65	Cross median
124	0.3	67	Vehicle went airborne
141	0.3	68	Cross centerline
152	0.3	69	Re-entering highway
16	0.0	70	Jackknife (non-harmful)
8	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 492	V6: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #6: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
1491	3.3	0	Noncollision
109	0.2	1	1 o'clock
34	0.1	2	2 o'clock
106	0.2	3	3 o'clock
14	0.0	4	4 o'clock
42	0.1	5	5 o'clock
129	0.3	6	6 o'clock
41	0.1	7	7 o'clock
17	0.0	8	8 o'clock
122	0.3	9	9 o'clock
37	0.1	10	10 o'clock
147	0.3	11	11 o'clock
1141	2.5	12	12 o'clock
112	0.2	13	Top
138	0.3	14	Undercarriage

Variable 492:V6: IMPACT AREA (THIS) (Continued)

3Nov2011	Prcnt	Code	Value and Description
175	0.4	18	Set-in-motion (not a clock point)
1295	2.8	55	Non-harmful event
74	0.2	61	Left
26	0.1	62	Left-front half
10	0.0	63	Left-back half
70	0.2	81	Right
37	0.1	82	Right-front half
12	0.0	83	Right-back half
39733	86.8	95	No vehicle event
283	0.6	98	Not reported
382	0.8	99	Unknown

Variable 493	V6: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #6: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
22	0.0	1	1 o'clock
18	0.0	2	2 o'clock
59	0.1	3	3 o'clock
4	0.0	4	4 o'clock
21	0.0	5	5 o'clock
235	0.5	6	6 o'clock
58	0.1	7	7 o'clock
12	0.0	8	8 o'clock
70	0.2	9	9 o'clock
35	0.1	10	10 o'clock
80	0.2	11	11 o'clock
292	0.6	12	12 o'clock
44	0.1	13	Top
15	0.0	14	Undercarriage
57	0.1	18	Set-in-motion (not a clock point)
4903	10.7	55	Non-harmful event
24	0.1	61	Left
12	0.0	62	Left-front half
7	0.0	63	Left-back half
2	0.0	81	Right
4	0.0	82	Right-front half
11	0.0	83	Right-back half
39733	86.8	95	No vehicle event
23	0.1	98	Not reported
36	0.1	99	Unknown



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Variable 494	V6: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #6: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

39733	86.8	0	No vehicle event
4033	8.8	1	Vehicle #1
1334	2.9	2	Vehicle #2
433	0.9	3	Vehicle #3
169	0.4	4	Vehicle #4
38	0.1	5	Vehicle #5
26	0.1	6	Vehicle #6
11	0.0	9	Vehicle #9

Variable 495	V6: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #6: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

39733	86.8	0	No vehicle event
137	0.3	1	Vehicle #1
253	0.6	2	Vehicle #2
271	0.6	3	Vehicle #3
206	0.5	4	Vehicle #4
134	0.3	5	Vehicle #5
50	0.1	6	Vehicle #6
81	0.2	7	Vehicle #7
9	0.0	9	Vehicle #9
4903	10.7	9999	Not applicable; not a collision between two motor vehicles

Variable 496	V6: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #6: Crash Event Number

3Nov2011 Prcnt Code Value and Description

43018	94.0	0	No vehicle event
2612	5.7	6	Crash event #6
50	0.1	7	Crash event #7
36	0.1	8	Crash event #8

Variable 496:V6: CRASH EVENT NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

23	0.1	9	Crash event #9
15	0.0	10	Crash event #10
9	0.0	11	Crash event #11
6	0.0	12	Crash event #12
4	0.0	13	Crash event #13
1	0.0	14	Crash event #14
1	0.0	15	Crash event #15
2	0.0	17	Crash event #17

Variable 497	V7: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #7: Event

3Nov2011 Prcnt Code Value and Description

42254	92.3	0	No vehicle event
612	1.3	1	Rollover/overturn
153	0.3	2	Fire/explosion
28	0.1	3	Immersion
3	0.0	5	Fell/jumped from vehicle
2	0.0	7	Other noncollision
49	0.1	8	Pedestrian
2	0.0	9	Pedalcyclist
465	1.0	12	Motor vehicle in transport
245	0.5	14	Parked motor vehicle
5	0.0	17	Boulder
27	0.1	18	Other object (not fixed)
22	0.0	19	Building
4	0.0	21	Bridge pier or support
9	0.0	23	Bridge rail (includes parapet)
94	0.2	24	Guardrail face
46	0.1	25	Concrete traffic barrier
83	0.2	30	Utility pole/light support
36	0.1	31	Other post, other pole, or other support
20	0.0	32	Culvert
49	0.1	33	Curb
82	0.2	34	Ditch
82	0.2	35	Embankment
143	0.3	38	Fence
28	0.1	39	Wall
4	0.0	40	Fire hydrant
14	0.0	41	Shrubbery
250	0.5	42	Tree (standing only)
48	0.1	43	Other fixed object
2	0.0	46	Traffic signal support
2	0.0	48	Snow bank
10	0.0	51	Jackknife (harmful to this vehicle)

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Variable 497:V7: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	52	Guardrail end
17	0.0	53	Mail box
70	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
10	0.0	57	Cable barrier
23	0.1	58	Ground
45	0.1	59	Traffic sign support
4	0.0	60	Cargo/equipment loss or shift (non-harmful)
12	0.0	62	Separation of units
236	0.5	63	Ran off road - right
199	0.4	64	Ran off road - left
37	0.1	65	Cross median
76	0.2	67	Vehicle went airborne
66	0.1	68	Cross centerline
90	0.2	69	Re-entering highway
12	0.0	70	Jackknife (non-harmful)
2	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

Variable 498	V7: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #7: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
810	1.8	0	Noncollision
58	0.1	1	1 o'clock
17	0.0	2	2 o'clock
56	0.1	3	3 o'clock
7	0.0	4	4 o'clock
20	0.0	5	5 o'clock
74	0.2	6	6 o'clock
26	0.1	7	7 o'clock
9	0.0	8	8 o'clock
98	0.2	9	9 o'clock
24	0.1	10	10 o'clock
62	0.1	11	11 o'clock
706	1.5	12	12 o'clock
85	0.2	13	Top
78	0.2	14	Undercarriage
152	0.3	18	Set-in-motion (not a clock point)
732	1.6	55	Non-harmful event
25	0.1	61	Left
13	0.0	62	Left-front half
4	0.0	63	Left-back half
39	0.1	81	Right
12	0.0	82	Right-front half

Variable 498:V7: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

4	0.0	83	Right-back half
42254	92.3	95	No vehicle event
185	0.4	98	Not reported
227	0.5	99	Unknown

---

Variable 499	V7: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #7: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

14	0.0	1	1 o'clock
15	0.0	2	2 o'clock
37	0.1	3	3 o'clock
25	0.1	4	4 o'clock
16	0.0	5	5 o'clock
153	0.3	6	6 o'clock
33	0.1	7	7 o'clock
7	0.0	8	8 o'clock
62	0.1	9	9 o'clock
21	0.0	10	10 o'clock
40	0.1	11	11 o'clock
146	0.3	12	12 o'clock
27	0.1	13	Top
7	0.0	14	Undercarriage
15	0.0	18	Set-in-motion (not a clock point)
2743	6.0	55	Non-harmful event
23	0.1	61	Left
28	0.1	62	Left-front half
22	0.0	63	Left-back half
17	0.0	81	Right
3	0.0	82	Right-front half
5	0.0	83	Right-back half
42254	92.3	95	No vehicle event
20	0.0	98	Not reported
44	0.1	99	Unknown

---

Variable 500	V7: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #7: Vehicle Number (This Vehicle)

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Variable 500:V7: VEH NUMBER (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

42254	92.3	0	No vehicle event
2243	4.9	1	Vehicle #1
805	1.8	2	Vehicle #2
270	0.6	3	Vehicle #3
96	0.2	4	Vehicle #4
85	0.2	5	Vehicle #5
6	0.0	6	Vehicle #6
18	0.0	7	Vehicle #7

Variable 501	V7: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #7: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

42254	92.3	0	No vehicle event
42	0.1	1	Vehicle #1
160	0.3	2	Vehicle #2
220	0.5	3	Vehicle #3
117	0.3	4	Vehicle #4
100	0.2	5	Vehicle #5
82	0.2	6	Vehicle #6
7	0.0	7	Vehicle #7
52	0.1	8	Vehicle #8
2743	6.0	9999	Not applicable; not a collision between two motor vehicles

Variable 502	V7: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #7: Crash Event Number

3Nov2011 Prcnt Code Value and Description

44365	96.9	0	No vehicle event
1342	2.9	7	Crash event #7
22	0.0	8	Crash event #8
16	0.0	9	Crash event #9
13	0.0	10	Crash event #10
9	0.0	11	Crash event #11
2	0.0	12	Crash event #12
5	0.0	13	Crash event #13
1	0.0	14	Crash event #14

Variable 502:V7: CRASH EVENT NUMBER (Continued)

3Nov2011 Prcnt Code Value and Description

1	0.0	18	Crash event #18
1	0.0	19	Crash event #19

Variable 503	V8: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #8: Event

3Nov2011 Prcnt Code Value and Description

43766	95.6	0	No vehicle event
297	0.6	1	Rollover/overturn
81	0.2	2	Fire/explosion
18	0.0	3	Immersion
3	0.0	5	Fell/jumped from vehicle
7	0.0	7	Other noncollision
33	0.1	8	Pedestrian
271	0.6	12	Motor vehicle in transport
176	0.4	14	Parked motor vehicle
3	0.0	17	Boulder
19	0.0	18	Other object (not fixed)
19	0.0	19	Building
4	0.0	21	Bridge pier or support
17	0.0	23	Bridge rail (includes parapet)
78	0.2	24	Guardrail face
38	0.1	25	Concrete traffic barrier
43	0.1	30	Utility pole/light support
12	0.0	31	Other post, other pole, or other support
3	0.0	32	Culvert
21	0.0	33	Curb
38	0.1	34	Ditch
47	0.1	35	Embankment
80	0.2	38	Fence
17	0.0	39	Wall
21	0.0	41	Shrubbery
126	0.3	42	Tree (standing only)
27	0.1	43	Other fixed object
3	0.0	46	Traffic signal support
5	0.0	51	Jackknife (harmful to this vehicle)
15	0.0	53	Mail box
54	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
9	0.0	57	Cable barrier
11	0.0	58	Ground
11	0.0	59	Traffic sign support
2	0.0	60	Cargo/equipment loss or shift (non-harmful)
4	0.0	61	Equipment failure (blown tire, brake failure, etc.)

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Variable 503:V8: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
10	0.0	62	Separation of units
129	0.3	63	Ran off road - right
111	0.2	64	Ran off road - left
14	0.0	65	Cross median
34	0.1	67	Vehicle went airborne
35	0.1	68	Cross centerline
61	0.1	69	Re-entering highway
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

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Variable 504	V8: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #8: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
415	0.9	0	Noncollision
19	0.0	1	1 o'clock
11	0.0	2	2 o'clock
25	0.1	3	3 o'clock
9	0.0	4	4 o'clock
23	0.1	5	5 o'clock
41	0.1	6	6 o'clock
3	0.0	7	7 o'clock
8	0.0	8	8 o'clock
29	0.1	9	9 o'clock
10	0.0	10	10 o'clock
45	0.1	11	11 o'clock
453	1.0	12	12 o'clock
51	0.1	13	Top
39	0.1	14	Undercarriage
111	0.2	18	Set-in-motion (not a clock point)
400	0.9	55	Non-harmful event
19	0.0	61	Left
7	0.0	62	Left-front half
37	0.1	81	Right
3	0.0	82	Right-front half
8	0.0	83	Right-back half
43766	95.6	95	No vehicle event
106	0.2	98	Not reported
139	0.3	99	Unknown

<u>Variable 505</u>	<u>V8: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

## Vehicle Event #8: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

16	0.0	1	1 o'clock
21	0.0	2	2 o'clock
17	0.0	3	3 o'clock
3	0.0	4	4 o'clock
8	0.0	5	5 o'clock
160	0.3	6	6 o'clock
11	0.0	7	7 o'clock
11	0.0	9	9 o'clock
13	0.0	10	10 o'clock
20	0.0	11	11 o'clock
73	0.2	12	12 o'clock
34	0.1	13	Top
5	0.0	14	Undercarriage
10	0.0	18	Set-in-motion (not a clock point)
1510	3.3	55	Non-harmful event
20	0.0	61	Left
4	0.0	62	Left-front half
7	0.0	63	Left-back half
7	0.0	81	Right
4	0.0	82	Right-front half
43766	95.6	95	No vehicle event
25	0.1	98	Not reported
32	0.1	99	Unknown

<u>Variable 506</u>	<u>V8: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

## Vehicle Event #8: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

43766	95.6	0	No vehicle event
1199	2.6	1	Vehicle #1
458	1.0	2	Vehicle #2
149	0.3	3	Vehicle #3
103	0.2	4	Vehicle #4
70	0.2	5	Vehicle #5
14	0.0	6	Vehicle #6
7	0.0	7	Vehicle #7
11	0.0	11	Vehicle #11



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<u>Variable 507</u>	<u>V8: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #8: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
43766	95.6	0	No vehicle event
36	0.1	1	Vehicle #1
64	0.1	2	Vehicle #2
110	0.2	3	Vehicle #3
84	0.2	4	Vehicle #4
45	0.1	5	Vehicle #5
72	0.2	6	Vehicle #6
31	0.1	7	Vehicle #7
15	0.0	8	Vehicle #8
33	0.1	9	Vehicle #9
11	0.0	10	Vehicle #10
1510	3.3	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 508</u>	<u>V8: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #8: Crash Event Number

3Nov2011	Prcnt	Code	Value and Description
45123	98.6	0	No vehicle event
627	1.4	8	Crash event #8
10	0.0	9	Crash event #9
7	0.0	10	Crash event #10
4	0.0	11	Crash event #11
4	0.0	12	Crash event #12
1	0.0	15	Crash event #15
1	0.0	16	Crash event #16

<u>Variable 509</u>	<u>V9: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #9: Event

3Nov2011	Prcnt	Code	Value and Description
44620	97.5	0	No vehicle event
133	0.3	1	Rollover/overturn

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Variable 509:V9: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
59	0.1	2	Fire/explosion
8	0.0	3	Immersion
28	0.1	8	Pedestrian
188	0.4	12	Motor vehicle in transport
100	0.2	14	Parked motor vehicle
1	0.0	17	Boulder
2	0.0	18	Other object (not fixed)
22	0.0	19	Building
2	0.0	21	Bridge pier or support
5	0.0	23	Bridge rail (includes parapet)
10	0.0	24	Guardrail face
13	0.0	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
11	0.0	30	Utility pole/light support
8	0.0	31	Other post, other pole, or other support
7	0.0	32	Culvert
4	0.0	33	Curb
28	0.1	34	Ditch
32	0.1	35	Embankment
47	0.1	38	Fence
6	0.0	39	Wall
1	0.0	40	Fire hydrant
6	0.0	41	Shrubbery
76	0.2	42	Tree (standing only)
17	0.0	43	Other fixed object
2	0.0	46	Traffic signal support
3	0.0	51	Jackknife (harmful to this vehicle)
4	0.0	53	Mail box
27	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
9	0.0	58	Ground
8	0.0	59	Traffic sign support
1	0.0	60	Cargo/equipment loss or shift (non-harmful)
4	0.0	62	Separation of units
103	0.2	63	Ran off road - right
85	0.2	64	Ran off road - left
19	0.0	65	Cross median
12	0.0	67	Vehicle went airborne
32	0.1	68	Cross centerline
27	0.1	69	Re-entering highway
4	0.0	70	Jackknife (non-harmful)
2	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

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<u>Variable 510</u>	<u>V9: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #9: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
205	0.4	0	Noncollision
11	0.0	1	1 o'clock
8	0.0	2	2 o'clock
28	0.1	3	3 o'clock
1	0.0	4	4 o'clock
6	0.0	5	5 o'clock
14	0.0	6	6 o'clock
1	0.0	7	7 o'clock
10	0.0	9	9 o'clock
2	0.0	10	10 o'clock
12	0.0	11	11 o'clock
259	0.6	12	12 o'clock
41	0.1	13	Top
21	0.0	14	Undercarriage
75	0.2	18	Set-in-motion (not a clock point)
287	0.6	55	Non-harmful event
13	0.0	61	Left
3	0.0	62	Left-front half
8	0.0	81	Right
5	0.0	82	Right-front half
3	0.0	83	Right-back half
44620	97.5	95	No vehicle event
66	0.1	98	Not reported
78	0.2	99	Unknown

<u>Variable 511</u>	<u>V9: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #9: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
4	0.0	2	2 o'clock
11	0.0	5	5 o'clock
77	0.2	6	6 o'clock
4	0.0	7	7 o'clock
3	0.0	8	8 o'clock
29	0.1	9	9 o'clock
3	0.0	10	10 o'clock
19	0.0	11	11 o'clock
52	0.1	12	12 o'clock
23	0.1	13	Top
9	0.0	18	Set-in-motion (not a clock point)

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Variable 511:V9: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

842	1.8	55	Non-harmful event
5	0.0	61	Left
8	0.0	62	Left-front half
13	0.0	63	Left-back half
15	0.0	81	Right
44620	97.5	95	No vehicle event
25	0.1	98	Not reported
15	0.0	99	Unknown

---

Variable 512	V9: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #9: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

44620	97.5	0	No vehicle event
695	1.5	1	Vehicle #1
253	0.6	2	Vehicle #2
109	0.2	3	Vehicle #3
54	0.1	4	Vehicle #4
16	0.0	5	Vehicle #5
30	0.1	6	Vehicle #6

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Variable 513	V9: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #9: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

44620	97.5	0	No vehicle event
28	0.1	1	Vehicle #1
26	0.1	2	Vehicle #2
48	0.1	3	Vehicle #3
43	0.1	4	Vehicle #4
57	0.1	5	Vehicle #5
21	0.0	6	Vehicle #6
45	0.1	7	Vehicle #7
32	0.1	8	Vehicle #8
15	0.0	10	Vehicle #10
842	1.8	9999	Not applicable; not a collision between two motor vehicles

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<u>Variable 514</u>	<u>V9: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #9: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45446	99.3	0	No vehicle event
318	0.7	9	Crash event #9
4	0.0	10	Crash event #10
2	0.0	11	Crash event #11
1	0.0	12	Crash event #12
3	0.0	13	Crash event #13
1	0.0	14	Crash event #14
1	0.0	16	Crash event #16
1	0.0	20	Crash event #20

<u>Variable 515</u>	<u>V10: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #10: Event

3Nov2011 Prcnt Code Value and Description

45053	98.4	0	No vehicle event
66	0.1	1	Rollover/overturn
35	0.1	2	Fire/explosion
5	0.0	3	Immersion
6	0.0	8	Pedestrian
123	0.3	12	Motor vehicle in transport
54	0.1	14	Parked motor vehicle
6	0.0	16	Thrown or falling object
7	0.0	18	Other object (not fixed)
3	0.0	19	Building
2	0.0	23	Bridge rail (includes parapet)
35	0.1	24	Guardrail face
14	0.0	25	Concrete traffic barrier
24	0.1	30	Utility pole/light support
7	0.0	31	Other post, other pole, or other support
4	0.0	32	Culvert
11	0.0	33	Curb
21	0.0	34	Ditch
22	0.0	35	Embankment
21	0.0	38	Fence
7	0.0	39	Wall
3	0.0	41	Shrubbery
51	0.1	42	Tree (standing only)
7	0.0	43	Other fixed object
2	0.0	48	Snow bank

Variable 515:V10: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
7	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
7	0.0	58	Ground
8	0.0	59	Traffic sign support
4	0.0	60	Cargo/equipment loss or shift (non-harmful)
9	0.0	62	Separation of units
80	0.2	63	Ran off road - right
39	0.1	64	Ran off road - left
3	0.0	65	Cross median
12	0.0	67	Vehicle went airborne
4	0.0	68	Cross centerline
11	0.0	69	Re-entering highway
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

---

Variable 516	V10: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #10: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
116	0.3	0	Noncollision
5	0.0	1	1 o'clock
6	0.0	2	2 o'clock
7	0.0	3	3 o'clock
2	0.0	4	4 o'clock
6	0.0	5	5 o'clock
25	0.1	6	6 o'clock
10	0.0	7	7 o'clock
2	0.0	8	8 o'clock
5	0.0	9	9 o'clock
3	0.0	10	10 o'clock
1	0.0	11	11 o'clock
180	0.4	12	12 o'clock
3	0.0	13	Top
23	0.1	14	Undercarriage
26	0.1	18	Set-in-motion (not a clock point)
162	0.4	55	Non-harmful event
2	0.0	62	Left-front half
16	0.0	81	Right
4	0.0	82	Right-front half
7	0.0	83	Right-back half
45053	98.4	95	No vehicle event
66	0.1	98	Not reported
47	0.1	99	Unknown

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Variable 517	V10: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #10: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
16	0.0	3	3 o'clock
67	0.1	6	6 o'clock
7	0.0	7	7 o'clock
6	0.0	8	8 o'clock
16	0.0	9	9 o'clock
7	0.0	11	11 o'clock
23	0.1	12	12 o'clock
6	0.0	13	Top
7	0.0	18	Set-in-motion (not a clock point)
540	1.2	55	Non-harmful event
4	0.0	61	Left
5	0.0	62	Left-front half
45053	98.4	95	No vehicle event
14	0.0	98	Not reported
6	0.0	99	Unknown

Variable 518	V10: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #10: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45053	98.4	0	No vehicle event
388	0.8	1	Vehicle #1
149	0.3	2	Vehicle #2
81	0.2	3	Vehicle #3
40	0.1	4	Vehicle #4
21	0.0	5	Vehicle #5
14	0.0	6	Vehicle #6
31	0.1	7	Vehicle #7

Variable 519	V10: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #10: Vehicle Number (Other Vehicle)

Variable 519:V10: VEH NUMBER (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

45053	98.4	0	No vehicle event
12	0.0	1	Vehicle #1
14	0.0	2	Vehicle #2
25	0.1	3	Vehicle #3
12	0.0	4	Vehicle #4
35	0.1	5	Vehicle #5
18	0.0	6	Vehicle #6
7	0.0	7	Vehicle #7
17	0.0	8	Vehicle #8
15	0.0	9	Vehicle #9
15	0.0	11	Vehicle #11
14	0.0	14	Vehicle #14
540	1.2	9999	Not applicable; not a collision between two motor vehicles

---

Variable 520	V10: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - EVENTNUM

Vehicle Event #10: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45610	99.6	0	No vehicle event
156	0.3	10	Crash event #10
4	0.0	11	Crash event #11
1	0.0	13	Crash event #13
2	0.0	14	Crash event #14
2	0.0	15	Crash event #15
1	0.0	17	Crash event #17
1	0.0	21	Crash event #21

---

Variable 521	V11: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #11: Event

3Nov2011 Prcnt Code Value and Description

45312	99.0	0	No vehicle event
57	0.1	1	Rollover/overturn
23	0.1	2	Fire/explosion
2	0.0	3	Immersion
6	0.0	5	Fell/jumped from vehicle
9	0.0	7	Other noncollision



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Variable 521:V11: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
4	0.0	8	Pedestrian
107	0.2	12	Motor vehicle in transport
26	0.1	14	Parked motor vehicle
2	0.0	18	Other object (not fixed)
13	0.0	19	Building
10	0.0	23	Bridge rail (includes parapet)
28	0.1	24	Guardrail face
10	0.0	33	Curb
14	0.0	35	Embankment
7	0.0	38	Fence
11	0.0	39	Wall
1	0.0	41	Shrubbery
36	0.1	42	Tree (standing only)
9	0.0	43	Other fixed object
5	0.0	51	Jackknife (harmful to this vehicle)
9	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
5	0.0	57	Cable barrier
7	0.0	62	Separation of units
24	0.1	63	Ran off road - right
19	0.0	64	Ran off road - left
4	0.0	67	Vehicle went airborne
8	0.0	68	Cross centerline
9	0.0	69	Re-entering highway

Variable 522	V11: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #11: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
102	0.2	0	Noncollision
7	0.0	1	1 o'clock
3	0.0	2	2 o'clock
5	0.0	3	3 o'clock
12	0.0	5	5 o'clock
11	0.0	6	6 o'clock
3	0.0	8	8 o'clock
16	0.0	11	11 o'clock
100	0.2	12	12 o'clock
9	0.0	13	Top
12	0.0	14	Undercarriage
45	0.1	18	Set-in-motion (not a clock point)
71	0.2	55	Non-harmful event
9	0.0	61	Left
3	0.0	62	Left-front half

Variable 522:V11: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt Code Value and Description

2	0.0	63	Left-back half
6	0.0	81	Right
7	0.0	82	Right-front half
45312	99.0	95	No vehicle event
16	0.0	98	Not reported
26	0.1	99	Unknown

---

Variable 523	V11: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #11: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

3	0.0	2	2 o'clock
4	0.0	3	3 o'clock
4	0.0	4	4 o'clock
78	0.2	6	6 o'clock
4	0.0	7	7 o'clock
4	0.0	8	8 o'clock
10	0.0	9	9 o'clock
8	0.0	10	10 o'clock
19	0.0	12	12 o'clock
2	0.0	13	Top
323	0.7	55	Non-harmful event
45312	99.0	95	No vehicle event
6	0.0	98	Not reported

---

Variable 524	V11: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #11: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

45312	99.0	0	No vehicle event
222	0.5	1	Vehicle #1
81	0.2	2	Vehicle #2
91	0.2	3	Vehicle #3
28	0.1	4	Vehicle #4
20	0.0	5	Vehicle #5
14	0.0	6	Vehicle #6
9	0.0	8	Vehicle #8

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Variable 525	V11: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #11: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45312	99.0	0	No vehicle event
5	0.0	1	Vehicle #1
5	0.0	2	Vehicle #2
16	0.0	3	Vehicle #3
28	0.1	4	Vehicle #4
5	0.0	5	Vehicle #5
21	0.0	6	Vehicle #6
9	0.0	7	Vehicle #7
14	0.0	8	Vehicle #8
9	0.0	9	Vehicle #9
15	0.0	10	Vehicle #10
15	0.0	12	Vehicle #12
323	0.7	9999	Not applicable; not a collision between two motor vehicles

Variable 526	V11: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #11: Crash Event Number

3Nov2011	Prcnt	Code	Value and Description
45692	99.8	0	No vehicle event
77	0.2	11	Crash event #11
2	0.0	12	Crash event #12
1	0.0	13	Crash event #13
1	0.0	14	Crash event #14
1	0.0	15	Crash event #15
1	0.0	16	Crash event #16
1	0.0	18	Crash event #18
1	0.0	24	Crash event #24

Variable 527	V12: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #12: Event

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Variable 527:V12: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
45498	99.4	0	No vehicle event
33	0.1	1	Rollover/overturn
1	0.0	2	Fire/explosion
1	0.0	3	Immersion
3	0.0	8	Pedestrian
96	0.2	12	Motor vehicle in transport
16	0.0	14	Parked motor vehicle
3	0.0	19	Building
12	0.0	24	Guardrail face
2	0.0	30	Utility pole/light support
2	0.0	34	Ditch
5	0.0	38	Fence
4	0.0	39	Wall
10	0.0	42	Tree (standing only)
4	0.0	51	Jackknife (harmful to this vehicle)
19	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
2	0.0	59	Traffic sign support
1	0.0	62	Separation of units
45	0.1	63	Ran off road - right
16	0.0	64	Ran off road - left
1	0.0	67	Vehicle went airborne
2	0.0	68	Cross centerline
1	0.0	70	Jackknife (non-harmful)

Variable 528	V12: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #12: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
39	0.1	0	Noncollision
2	0.0	1	1 o'clock
4	0.0	3	3 o'clock
2	0.0	6	6 o'clock
5	0.0	9	9 o'clock
1	0.0	11	11 o'clock
90	0.2	12	12 o'clock
6	0.0	13	Top
2	0.0	14	Undercarriage
28	0.1	18	Set-in-motion (not a clock point)
66	0.1	55	Non-harmful event
6	0.0	62	Left-front half
3	0.0	81	Right
3	0.0	82	Right-front half
45498	99.4	95	No vehicle event

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Variable 528:V12: IMPACT AREA (THIS) (Continued)

3Nov2011 Prcnt      Code Value and Description

9	0.0	98	Not reported
13	0.0	99	Unknown

Variable 529	V12: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #12: Area of Impact (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

72	0.2	6	6 o'clock
5	0.0	9	9 o'clock
22	0.0	12	12 o'clock
12	0.0	18	Set-in-motion (not a clock point)
148	0.3	55	Non-harmful event
2	0.0	61	Left
45498	99.4	95	No vehicle event
18	0.0	99	Unknown

Variable 530	V12: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #12: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

45498	99.4	0	No vehicle event
80	0.2	1	Vehicle #1
28	0.1	2	Vehicle #2
66	0.1	3	Vehicle #3
19	0.0	4	Vehicle #4
35	0.1	5	Vehicle #5
7	0.0	7	Vehicle #7
29	0.1	8	Vehicle #8
15	0.0	12	Vehicle #12

<u>Variable 531</u>	<u>V12: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #12: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

45498	99.4	0	No vehicle event
19	0.0	1	Vehicle #1
2	0.0	2	Vehicle #2
5	0.0	3	Vehicle #3
12	0.0	4	Vehicle #4
30	0.1	5	Vehicle #5
23	0.1	7	Vehicle #7
14	0.0	9	Vehicle #9
11	0.0	10	Vehicle #10
15	0.0	13	Vehicle #13
148	0.3	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 532</u>	<u>V12: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #12: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45735	99.9	0	No vehicle event
37	0.1	12	Crash event #12
2	0.0	13	Crash event #13
1	0.0	14	Crash event #14
1	0.0	19	Crash event #19
1	0.0	25	Crash event #25

<u>Variable 533</u>	<u>V13: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #13: Event

3Nov2011 Prcnt Code Value and Description

45567	99.5	0	No vehicle event
11	0.0	1	Rollover/overturn
3	0.0	2	Fire/explosion
89	0.2	12	Motor vehicle in transport
8	0.0	14	Parked motor vehicle

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Variable 533:V13: EVENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	23	Bridge rail (includes parapet)
5	0.0	24	Guardrail face
3	0.0	32	Culvert
7	0.0	33	Curb
5	0.0	34	Ditch
5	0.0	35	Embankment
1	0.0	38	Fence
1	0.0	41	Shrubbery
7	0.0	42	Tree (standing only)
8	0.0	43	Other fixed object
2	0.0	46	Traffic signal support
12	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
6	0.0	59	Traffic sign support
30	0.1	63	Ran off road - right
5	0.0	65	Cross median
1	0.0	69	Re-entering highway

Variable 534	V13: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #13: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
14	0.0	0	Noncollision
3	0.0	1	1 o'clock
3	0.0	3	3 o'clock
4	0.0	5	5 o'clock
5	0.0	9	9 o'clock
64	0.1	12	12 o'clock
11	0.0	13	Top
8	0.0	14	Undercarriage
8	0.0	18	Set-in-motion (not a clock point)
36	0.1	55	Non-harmful event
14	0.0	61	Left
2	0.0	63	Left-back half
45567	99.5	95	No vehicle event
19	0.0	98	Not reported
19	0.0	99	Unknown

Variable 535	V13: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #13: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

5	0.0	4	4 o'clock
37	0.1	6	6 o'clock
22	0.0	12	12 o'clock
8	0.0	13	Top
12	0.0	18	Set-in-motion (not a clock point)
101	0.2	55	Non-harmful event
14	0.0	81	Right
45567	99.5	95	No vehicle event
11	0.0	99	Unknown

Variable 536	V13: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #13: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

45567	99.5	0	No vehicle event
61	0.1	1	Vehicle #1
17	0.0	2	Vehicle #2
34	0.1	3	Vehicle #3
12	0.0	4	Vehicle #4
12	0.0	5	Vehicle #5
21	0.0	6	Vehicle #6
9	0.0	7	Vehicle #7
14	0.0	9	Vehicle #9
15	0.0	10	Vehicle #10
15	0.0	13	Vehicle #13

Variable 537	V13: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #13: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

45567	99.5	0	No vehicle event
17	0.0	1	Vehicle #1
10	0.0	2	Vehicle #2



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Variable 537:V13: VEH NUMBER (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	4	Vehicle #4
7	0.0	6	Vehicle #6
18	0.0	7	Vehicle #7
8	0.0	8	Vehicle #8
14	0.0	10	Vehicle #10
15	0.0	11	Vehicle #11
15	0.0	14	Vehicle #14
101	0.2	9999	Not applicable; not a collision between two motor vehicles

Variable 538	V13: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #13: Crash Event Number

3Nov2011	Prcnt	Code	Value and Description
45756	100.0	0	No vehicle event
19	0.0	13	Crash event #13
1	0.0	14	Crash event #14
1	0.0	15	Crash event #15

Variable 539	V14: EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #14: Event

3Nov2011	Prcnt	Code	Value and Description
45625	99.7	0	No vehicle event
10	0.0	1	Rollover/overturn
8	0.0	8	Pedestrian
26	0.1	12	Motor vehicle in transport
8	0.0	14	Parked motor vehicle
1	0.0	18	Other object (not fixed)
2	0.0	21	Bridge pier or support
8	0.0	23	Bridge rail (includes parapet)
4	0.0	31	Other post, other pole, or other support
3	0.0	41	Shrubbery
27	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
5	0.0	59	Traffic sign support
15	0.0	63	Ran off road - right

Variable 539:V14: EVENT (Continued)

3Nov2011 Prcnt Code Value and Description

28	0.1	64	Ran off road - left
1	0.0	68	Cross centerline
1	0.0	69	Re-entering highway
5	0.0	70	Jackknife (non-harmful)

---

Variable 540	V14: IMPACT AREA (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #14: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

10	0.0	0	Noncollision
8	0.0	1	1 o'clock
5	0.0	6	6 o'clock
5	0.0	9	9 o'clock
2	0.0	11	11 o'clock
38	0.1	12	12 o'clock
18	0.0	18	Set-in-motion (not a clock point)
50	0.1	55	Non-harmful event
45625	99.7	95	No vehicle event
2	0.0	98	Not reported
14	0.0	99	Unknown

---

Variable 541	V14: IMPACT AREA (OTHER)	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #14: Area of Impact (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

21	0.0	6	6 o'clock
10	0.0	12	12 o'clock
12	0.0	18	Set-in-motion (not a clock point)
91	0.2	55	Non-harmful event
45625	99.7	95	No vehicle event
18	0.0	99	Unknown

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<u>Variable 542</u>	<u>V14: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #14: Vehicle Number (This Vehicle)

3Nov2011 Prcnt      Code Value and Description

45625	99.7	0	No vehicle event
48	0.1	1	Vehicle #1
9	0.0	2	Vehicle #2
8	0.0	3	Vehicle #3
14	0.0	4	Vehicle #4
5	0.0	5	Vehicle #5
7	0.0	6	Vehicle #6
23	0.1	7	Vehicle #7
9	0.0	8	Vehicle #8
15	0.0	10	Vehicle #10
14	0.0	14	Vehicle #14

<u>Variable 543</u>	<u>V14: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #14: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt      Code Value and Description

45625	99.7	0	No vehicle event
12	0.0	1	Vehicle #1
8	0.0	3	Vehicle #3
5	0.0	5	Vehicle #5
7	0.0	7	Vehicle #7
14	0.0	11	Vehicle #11
15	0.0	15	Vehicle #15
91	0.2	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 544</u>	<u>V14: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Vehicle Event #14: Crash Event Number

3Nov2011 Prcnt      Code Value and Description

45769	100.0	0	No vehicle event
8	0.0	14	Crash event #14

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<u>Variable 545</u>	<u>V15: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.SOE

Vehicle Event #15: Event

3Nov2011	Prcnt	Code	Value and Description
45649	99.7	0	No vehicle event
1	0.0	1	Rollover/overtake
24	0.1	2	Fire/explosion
47	0.1	12	Motor vehicle in transport
3	0.0	14	Parked motor vehicle
2	0.0	21	Bridge pier or support
11	0.0	25	Concrete traffic barrier
6	0.0	33	Curb
3	0.0	38	Fence
12	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
9	0.0	63	Ran off road - right
1	0.0	68	Cross centerline
5	0.0	69	Re-entering highway
4	0.0	72	Cargo/equipment loss or shift (harmful to this vehicle)

<u>Variable 546</u>	<u>V15: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #15: Area of Impact (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
29	0.1	0	Noncollision
2	0.0	7	7 o'clock
5	0.0	9	9 o'clock
63	0.1	12	12 o'clock
8	0.0	13	Top
15	0.0	55	Non-harmful event
6	0.0	81	Right
45649	99.7	95	No vehicle event

<u>Variable 547</u>	<u>V15: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #15: Area of Impact (Other Vehicle)

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Variable 547:V15: IMPACT AREA (OTHER) (Continued)

3Nov2011	Prcnt	Code	Value and Description
25	0.1	6	6 o'clock
15	0.0	8	8 o'clock
10	0.0	12	12 o'clock
12	0.0	18	Set-in-motion (not a clock point)
66	0.1	55	Non-harmful event
45649	99.7	95	No vehicle event

---

Variable 548	V15: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #15: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45649	99.7	0	No vehicle event
69	0.2	1	Vehicle #1
14	0.0	4	Vehicle #4
22	0.0	5	Vehicle #5
11	0.0	7	Vehicle #7
12	0.0	8	Vehicle #8

---

Variable 549	V15: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #15: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45649	99.7	0	No vehicle event
12	0.0	1	Vehicle #1
3	0.0	3	Vehicle #3
10	0.0	4	Vehicle #4
8	0.0	7	Vehicle #7
29	0.1	12	Vehicle #12
66	0.1	9999	Not applicable; not a collision between two motor vehicles

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<u>Variable 550</u>	<u>V15: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - EVENTNUM

Vehicle Event #15: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45771	100.0	0	No vehicle event
6	0.0	15	Crash event #15

<u>Variable 551</u>	<u>V16: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.SOE

Vehicle Event #16: Event

3Nov2011 Prcnt Code Value and Description

45666	99.8	0	No vehicle event
28	0.1	2	Fire/explosion
61	0.1	12	Motor vehicle in transport
1	0.0	24	Guardrail face
1	0.0	34	Ditch
12	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
5	0.0	63	Ran off road - right
3	0.0	67	Vehicle went airborne

<u>Variable 552</u>	<u>V16: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #16: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

28	0.1	0	Noncollision
5	0.0	1	1 o'clock
8	0.0	3	3 o'clock
15	0.0	4	4 o'clock
35	0.1	12	12 o'clock
8	0.0	55	Non-harmful event
1	0.0	82	Right-front half
45666	99.8	95	No vehicle event
11	0.0	99	Unknown

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<u>Variable 553</u>	<u>V16: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #16: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
37	0.1	6	6 o'clock
11	0.0	7	7 o'clock
8	0.0	9	9 o'clock
5	0.0	11	11 o'clock
12	0.0	18	Set-in-motion (not a clock point)
38	0.1	55	Non-harmful event
45666	99.8	95	No vehicle event

<u>Variable 554</u>	<u>V16: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #16: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45666	99.8	0	No vehicle event
25	0.1	1	Vehicle #1
15	0.0	3	Vehicle #3
13	0.0	4	Vehicle #4
17	0.0	7	Vehicle #7
12	0.0	9	Vehicle #9
29	0.1	12	Vehicle #12

<u>Variable 555</u>	<u>V16: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #16: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45666	99.8	0	No vehicle event
12	0.0	1	Vehicle #1
13	0.0	2	Vehicle #2
11	0.0	5	Vehicle #5
8	0.0	8	Vehicle #8
29	0.1	13	Vehicle #13
38	0.1	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 556</u>	<u>V16: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - EVENTNUM

Vehicle Event #16: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45773	100.0	0	No vehicle event
4	0.0	16	Crash event #16

<u>Variable 557</u>	<u>V17: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.SOE

Vehicle Event #17: Event

3Nov2011 Prcnt Code Value and Description

45683	99.8	0	No vehicle event
5	0.0	1	Rollover/overturn
19	0.0	2	Fire/explosion
40	0.1	12	Motor vehicle in transport
3	0.0	14	Parked motor vehicle
5	0.0	24	Guardrail face
12	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
8	0.0	64	Ran off road - left
1	0.0	67	Vehicle went airborne
1	0.0	69	Re-entering highway

<u>Variable 558</u>	<u>V17: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #17: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

24	0.1	0	Noncollision
15	0.0	4	4 o'clock
12	0.0	12	12 o'clock
3	0.0	13	Top
10	0.0	55	Non-harmful event
14	0.0	82	Right-front half
45683	99.8	95	No vehicle event
5	0.0	98	Not reported
11	0.0	99	Unknown



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<u>Variable 559</u>	<u>V17: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #17: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
15	0.0	6	6 o'clock
11	0.0	9	9 o'clock
3	0.0	13	Top
12	0.0	18	Set-in-motion (not a clock point)
39	0.1	55	Non-harmful event
14	0.0	62	Left-front half
45683	99.8	95	No vehicle event

<u>Variable 560</u>	<u>V17: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #17: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45683	99.8	0	No vehicle event
13	0.0	1	Vehicle #1
5	0.0	2	Vehicle #2
9	0.0	4	Vehicle #4
26	0.1	5	Vehicle #5
14	0.0	8	Vehicle #8
12	0.0	10	Vehicle #10
15	0.0	12	Vehicle #12

<u>Variable 561</u>	<u>V17: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #17: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45683	99.8	0	No vehicle event
26	0.1	1	Vehicle #1
3	0.0	3	Vehicle #3
11	0.0	6	Vehicle #6
15	0.0	15	Vehicle #15
39	0.1	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 562</u>	<u>V17: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - EVENTNUM

Vehicle Event #17: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45773	100.0	0	No vehicle event
3	0.0	17	Crash event #17
1	0.0	19	Crash event #19

<u>Variable 563</u>	<u>V18: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.SOE

Vehicle Event #18: Event

3Nov2011 Prcnt Code Value and Description

45710	99.9	0	No vehicle event
3	0.0	1	Rollover/overturn
34	0.1	12	Motor vehicle in transport
12	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	62	Separation of units
11	0.0	63	Ran off road - right
5	0.0	64	Ran off road - left
1	0.0	68	Cross centerline

<u>Variable 564</u>	<u>V18: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #18: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

3	0.0	0	Noncollision
15	0.0	9	9 o'clock
18	0.0	55	Non-harmful event
14	0.0	81	Right
45710	99.9	95	No vehicle event
5	0.0	98	Not reported
12	0.0	99	Unknown

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<u>Variable 565</u>	<u>V18: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #18: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
29	0.1	6	6 o'clock
5	0.0	11	11 o'clock
12	0.0	18	Set-in-motion (not a clock point)
21	0.0	55	Non-harmful event
45710	99.9	95	No vehicle event

<u>Variable 566</u>	<u>V18: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #18: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45710	99.9	0	No vehicle event
10	0.0	1	Vehicle #1
5	0.0	2	Vehicle #2
11	0.0	6	Vehicle #6
12	0.0	11	Vehicle #11
14	0.0	12	Vehicle #12
15	0.0	13	Vehicle #13

<u>Variable 567</u>	<u>V18: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #18: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45710	99.9	0	No vehicle event
12	0.0	1	Vehicle #1
5	0.0	5	Vehicle #5
14	0.0	13	Vehicle #13
15	0.0	14	Vehicle #14
21	0.0	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 568</u>	<u>V18: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - EVENTNUM

Vehicle Event #18: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45773	100.0	0	No vehicle event
3	0.0	18	Crash event #18
1	0.0	20	Crash event #20

<u>Variable 569</u>	<u>V19: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.SOE

Vehicle Event #19: Event

3Nov2011 Prcnt Code Value and Description

45728	99.9	0	No vehicle event
1	0.0	1	Rollover/overturn
14	0.0	2	Fire/explosion
5	0.0	12	Motor vehicle in transport
11	0.0	25	Concrete traffic barrier
17	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	63	Ran off road - right

<u>Variable 570</u>	<u>V19: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #19: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

15	0.0	0	Noncollision
1	0.0	55	Non-harmful event
45728	99.9	95	No vehicle event
5	0.0	98	Not reported
28	0.1	99	Unknown

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<u>Variable 571</u>	<u>V19: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #19: Area of Impact (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
5	0.0	12	12 o'clock
12	0.0	18	Set-in-motion (not a clock point)
27	0.1	55	Non-harmful event
45728	99.9	95	No vehicle event
5	0.0	98	Not reported

<u>Variable 572</u>	<u>V19: VEH NUMBER (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #19: Vehicle Number (This Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45728	99.9	0	No vehicle event
21	0.0	1	Vehicle #1
5	0.0	4	Vehicle #4
11	0.0	6	Vehicle #6
12	0.0	12	Vehicle #12

<u>Variable 573</u>	<u>V19: VEH NUMBER (OTHER)</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #19: Vehicle Number (Other Vehicle)

3Nov2011	Prcnt	Code	Value and Description
45728	99.9	0	No vehicle event
12	0.0	1	Vehicle #1
5	0.0	3	Vehicle #3
5	0.0	5	Vehicle #5
27	0.1	9999	Not applicable; not a collision between two motor vehicles

<u>Variable 574</u>	<u>V19: CRASH EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - EVENTNUM

Vehicle Event #19: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45774	100.0	0	No vehicle event
2	0.0	19	Crash event #19
1	0.0	21	Crash event #21

<u>Variable 575</u>	<u>V20: EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.SOE

Vehicle Event #20: Event

3Nov2011 Prcnt Code Value and Description

45760	100.0	0	No vehicle event
11	0.0	12	Motor vehicle in transport
1	0.0	42	Tree (standing only)
5	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport

<u>Variable 576</u>	<u>V20: IMPACT AREA (THIS)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #20: Area of Impact (This Vehicle)

3Nov2011 Prcnt Code Value and Description

1	0.0	12	12 o'clock
45760	100.0	95	No vehicle event
16	0.0	99	Unknown

<u>Variable 577</u>	<u>V20: IMPACT AREA (OTHER)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - Vevent.AOI1 or Vevent.AOI2

Vehicle Event #20: Area of Impact (Other Vehicle)

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Variable 577:V20: IMPACT AREA (OTHER) (Continued)

3Nov2011 Prcnt Code Value and Description

5	0.0	12	12 o'clock
1	0.0	55	Non-harmful event
45760	100.0	95	No vehicle event
11	0.0	99	Unknown

---

Variable 578	V20: VEH NUMBER (THIS)	Width: 2	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #20: Vehicle Number (This Vehicle)

3Nov2011 Prcnt Code Value and Description

45760	100.0	0	No vehicle event
17	0.0	1	Vehicle #1

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Variable 579	V20: VEH NUMBER (OTHER)	Width: 4	Type: Numeric
		Dec: None	Miss: None

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NHTSA SAS Variable - Vevent.VNUMBER1 or Vevent.VNUMBER2

Vehicle Event #20: Vehicle Number (Other Vehicle)

3Nov2011 Prcnt Code Value and Description

45760	100.0	0	No vehicle event
5	0.0	4	Vehicle #4
11	0.0	8	Vehicle #8
1	0.0	9999	Not applicable; not a collision between two motor vehicles

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Variable 580	V20: CRASH EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

NHTSA SAS Variable - EVENTNUM

Vehicle Event #20: Crash Event Number

3Nov2011 Prcnt Code Value and Description

45776	100.0	0	No vehicle event
1	0.0	20	Crash event #20

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The OCCUPANT Variables

Variables 601 through 667 describe the occupants involved in the crash. They are included in the Occupant and Nonmotorist data sets.

Variable 601	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 602	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST\_CASE

Variable 603	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

69124	100.0	0	Sequence number 0
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Variable 604	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH\_NO

3Nov2011 Prcnt Code Value and Description

46216	66.9	1	Vehicle #1
		-	
2	0.0	15	Vehicle #15

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<u>Variable 605</u>	<u>RECORD TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - LEVEL

3Nov2011	Prcnt		Code Value and Description
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69124	100.0	4	Occupant record
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<u>Variable 606</u>	<u>OCCUPANT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - PER\_NO

3Nov2011	Prcnt		Code Value and Description
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44685	64.6	1	Occupant #1
14318	20.7	2	Occupant #2
5250	7.6	3	Occupant #3
2528	3.7	4	Occupant #4
1045	1.5	5	Occupant #5
		-	
1	0.0	57	Occupant #57

<u>Variable 607</u>	<u>NUM VEHICLE STRIKING NMT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - N\_MOT\_NO

Number of Motor Vehicle Striking Non-Motorist

3Nov2011	Prcnt		Code Value and Description
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69124	100.0	0	Not applicable - vehicle occupant
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<u>Variable 608</u>	<u>OCCUPANT AGE</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## NHTSA SAS Variable - AGE

3Nov2011	Prcnt		Code Value and Description
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270	0.4	0	Less than one year
391	0.6	1	
		-	Age in years
2	0.0	108	
54	0.1	998	Not reported
1467	2.1	999	Unknown

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Variable 609	OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

3Nov2011 Prcnt Code Value and Description

44411	64.2	1	Male
23724	34.3	2	Female
25	0.0	8	Not reported
964	1.4	9	Unknown

Variable 610	OCCUPANT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PER\_TYP

3Nov2011 Prcnt Code Value and Description

Motorists			
44440	64.3	1	Driver of a motor vehicle in-transport
24366	35.2	2	Passenger of a motor vehicle in-transport
197	0.3	3	Occupant of a motor vehicle not in-transport
121	0.2	9	Unknown occupant type in a motor vehicle in-transport
0	0.0	98	Not reported

Variable 611	OCC SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEAT\_POS

3Nov2011 Prcnt Code Value and Description

44519	64.4	11	Front seat - left side (driver's side)
335	0.5	12	Front seat - middle
12188	17.6	13	Front seat - right side
14	0.0	18	Front seat - other
19	0.0	19	Front seat - unknown
3868	5.6	21	Second seat - left side
1414	2.0	22	Second seat - middle
3711	5.4	23	Second seat - right side
30	0.0	28	Second seat - other
79	0.1	29	Second seat - unknown
215	0.3	31	Third seat - left side
142	0.2	32	Third seat - middle
186	0.3	33	Third seat - right side
6	0.0	38	Third seat - other
30	0.0	39	Third seat - unknown
6	0.0	41	Fourth seat - left side
4	0.0	42	Fourth seat - middle
5	0.0	43	Fourth seat - right side
5	0.0	48	Fourth seat - other

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Variable 611: OCC SEATING POSITION (Continued)

3Nov2011 Prcnt Code Value and Description

2	0.0	49	Fourth seat - unknown
105	0.2	50	Sleeper section of cab (truck)
1110	1.6	51	Other passenger in enclosed passenger or cargo area
106	0.2	52	Other passenger in unenclosed passenger or cargo area
34	0.0	53	Other passenger in passenger or cargo area, unknown whether or not enclosed
16	0.0	54	Trailing unit
76	0.1	55	Riding on vehicle exterior of vehicle
42	0.1	98	Not reported
857	1.2	99	Unknown

---

Variable 612	RESTRAINT SYS/HELMET USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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NHTSA SAS Variable - REST\_USE

Restraint System / Helmet Use

3Nov2011 Prcnt Code Value and Description

693	1.0	0	Not applicable
228	0.3	1	Shoulder belt only used
1006	1.5	2	Lap belt only used
36696	53.1	3	Lap and shoulder belt used
1104	1.6	4	Child restraint type unknown
2082	3.0	5	DOT-compliant motorcycle helmet
17321	25.1	7	None used - motor vehicle occupant
67	0.1	8	Restraint used - type unknown
310	0.4	10	Child restraint system - forward facing
84	0.1	11	Child restraint system - rear facing
136	0.2	12	Booster seat
965	1.4	16	Other helmet
2503	3.6	17	No helmet
39	0.1	97	Other
274	0.4	98	Not reported
5616	8.1	99	Unknown

---

Variable 613	RESTRAINT SYSTEM MISUSE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA SAS Variable - REST\_MIS

Any Indication of Misuse of Restraint System or Helmet Use

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Variable 613:RESTRAINT SYSTEM MISUSE (Continued)

3Nov2011 Prcnt Code Value and Description

68872	99.6	0	No
252	0.4	1	Yes

Variable 614	AIR BAG DEPLOYED	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - AIR\_BAG

Air bag Availability/Deployment changed to Air Bag Deployed

3Nov2011 Prcnt Code Value and Description

21704	31.4	0	Not applicable
16797	24.3	1	Deployed: front
634	0.9	2	Deployed: side (door, seatback)
113	0.2	3	Deployed: curtain (roof)
93	0.1	7	Deployed: other (knee, air belt, etc.)
1734	2.5	8	Deployed: combination
1979	2.9	9	Deployed: unknown location
21302	30.8	20	Not deployed
15	0.0	28	Switched off
0	0.0	96	Not a motor vehicle occupant
1537	2.2	98	Not reported
3216	4.7	99	Deployment unknown

Variable 615	OCCUPANT EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJECTION

3Nov2011 Prcnt Code Value and Description

55394	80.1	0	Not ejected
6329	9.2	1	Totally ejected
1536	2.2	2	Partially ejected
60	0.1	3	Ejected - unknown degree
18	0.0	7	Not reported
5517	8.0	8	Not applicable
270	0.4	9	Unknown if ejected

Variable 616	EJECTION PATH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - EJ\_PATH

3Nov2011	Prcnt	Code	Value and Description
60928	88.1	0	Not ejected / not applicable
435	0.6	1	Through side door opening (all side doors)
1071	1.5	2	Through side window (all side windows, bus side windows)
154	0.2	3	Through windshield (front windshield only)
162	0.2	4	Through back window (standard rear window, back window of bronco, van)
31	0.0	5	Through back door/tailgate opening (station wagon tailgate, back door of truck, back door of bronco, van)
98	0.1	6	Through roof opening (sunroof, convertible top down, t-top, targa top)
19	0.0	7	Through roof (convertible top up)
244	0.4	8	Other path (e.g., back of pickup truck, torn-off roof, car cut in half)
5982	8.7	9	Unknown / unknown path

Variable 617	OCCUPANT EXTRICATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - EXTRICAT

3Nov2011	Prcnt	Code	Value and Description
60522	87.6	0	Not extricated or not applicable
8079	11.7	1	Extricated
523	0.8	9	Unknown

Variable 618	LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - LOCATION

3Nov2011	Prcnt	Code	Value and Description
69124	100.0	0	Not applicable - vehicle occupant (includes railway train occupants)

Variable 619	OCC ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - DRINKING

Police Reported Alcohol Involvement

Variable 619:OCC ALCOHOL INVOLVEMENT (Continued)

3Nov2011	Prcnt	Code	Value and Description
28131	40.7	0	No (alcohol not involved)
7672	11.1	1	Yes (alcohol involved)
27474	39.7	8	Not reported
5847	8.5	9	Unknown (police reported)

Variable 620	OCC METHOD ALC DETERMIN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALC\_DET

Method of Alcohol Determination (By Police)

3Nov2011	Prcnt	Code	Value and Description
6619	9.6	1	Evidential test (breath, blood, urine)
699	1.0	2	Preliminary Breath Test (PBT)
284	0.4	3	Behavioral
65	0.1	4	Passive Alcohol Sensor (PAS)
7570	11.0	5	Observed
877	1.3	8	Other (e.g., Saliva test)
53010	76.7	9	Not reported

Variable 621	ALCOHOL TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALC\_STATUS

3Nov2011	Prcnt	Code	Value and Description
38982	56.4	0	Test not given
56	0.1	1	Test refused
26601	38.5	2	Test given
1516	2.2	8	Not reported
1969	2.8	9	Unknown if tested

Variable 622	ALCOHOL TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ATST\_TYP

3Nov2011	Prcnt	Code	Value and Description
39038	56.5	0	Not tested for alcohol
24552	35.5	1	Blood
405	0.6	2	Breathalyzer "BAC"
253	0.4	3	Urine

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Variable 622:ALCOHOL TEST TYPE (Continued)

3Nov2011 Prcnt Code Value and Description

172	0.2	4	Vitreous
69	0.1	5	Blood plasma/serum
0	0.0	6	Blood clot
11	0.0	7	Liver
93	0.1	8	Other test type
794	1.1	10	Preliminary breath test (PBT)
1519	2.2	95	Not reported
249	0.4	98	Unknown test type
1969	2.8	99	Unknown if tested

Variable 623	OCC ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

NHTSA SAS Variable - ALC\_RES

3Nov2011 Prcnt Code Value and Description

15725	22.7	0.00	BAC result < 0.01%
252	0.4	0.01	
		-	Result value (grams/100 ml%)
2	0.0	0.76	
1876	2.7	0.95	Not reported
39038	56.5	0.96	None given
1538	2.2	0.97	AC test performed, results unknown
43	0.1	0.98	PBT positive reading with no actual value
1969	2.8	0.99	Unknown if tested

Variable 624	DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGS

Note: Police Reported Other Drug Involvement changed to Police Reported Drug Involvement in 2009.

3Nov2011 Prcnt Code Value and Description

18783	27.2	0	No (drugs not involved)
2294	3.3	1	Yes (drugs involved)
42804	61.9	8	Not reported
5243	7.6	9	Unknown (police reported)



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Variable 625	DRUG DETERMINATION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DRUG\_DET

Method of Drug Determination by Police

3Nov2011	Prcnt	Code	Value and Description
4121	6.0	1	Evidential test (Blood, Urine)
185	0.3	2	Drug Recognition Technician (DRT) determination
230	0.3	3	Behavioral
4474	6.5	7	Other
60114	87.0	8	Not reported

Variable 626	DRUG TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DSTATUS

3Nov2011	Prcnt	Code	Value and Description
44358	64.2	0	Test not given
30	0.0	1	Test refused
20389	29.5	2	Test given
2297	3.3	8	Not reported
2050	3.0	9	Unknown if tested

Variable 627	DRUG TEST TYPE #1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST1

3Nov2011	Prcnt	Code	Value and Description
44389	64.2	0	Test not given
18383	26.6	1	Blood
988	1.4	2	Urine
595	0.9	3	Both: blood and urine tests
2301	3.3	6	Not reported
260	0.4	7	Unknown test type
158	0.2	8	Other type test
2050	3.0	9	Unknown if tested

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<u>Variable 628</u>	<u>DRUG TEST RESULTS #1</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES1

See Appendix A for specific drug code values (100 - 995)

3Nov2011	Prcnt	Code	Value and Description
44389	64.2	0	Test not given
12112	17.5	1	No drugs reported / negative
2568	3.7	95	Not reported
9	0.0	100	- Narcotic Drug
25	0.0	295	
239	0.3	300	- Depressant Drug
56	0.1	395	
1	0.0	400	- Stimulant Drug
26	0.0	495	
0	0.0	500	- Hallucinogen Drug
2	0.0	595	
203	0.3	600	- Cannabinoid Drug
394	0.6	695	
0	0.0	700	- Phencyclidine (PCP)
3	0.0	795	
0	0.0	800	- Anabolic Steroid
0	0.0	895	
0	0.0	900	- Inhalant Drug
1	0.0	995	
955	1.4	996	Other drug
2068	3.0	997	Tested for drugs, results unknown
254	0.4	998	Tested for drugs, drugs found, type unknown / positive
2050	3.0	999	Unknown if tested

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Variable 629	DRUG TEST TYPE #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST2

3Nov2011	Prcnt	Code	Value and Description
61957	89.6	0	Test not given
3229	4.7	1	Blood
287	0.4	2	Urine
142	0.2	3	Both: blood and urine tests
1407	2.0	6	Not reported
13	0.0	7	Unknown test type
39	0.1	8	Other type test
2050	3.0	9	Unknown if tested

Variable 630	DRUG TEST RESULTS #2	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES2

See Appendix A for specific drug code values (100 - 995)

3Nov2011	Prcnt	Code	Value and Description
61952	89.6	0	Test not given
1071	1.5	1	No drugs reported / negative
1405	2.0	95	Not reported
0	0.0	100	
		-	Narcotic Drug
8	0.0	295	
115	0.2	300	
		-	Depressant Drug
20	0.0	395	
1	0.0	400	
		-	Stimulant Drug
4	0.0	495	
0	0.0	500	
		-	Hallucinogen Drug
1	0.0	595	
58	0.1	600	
		-	Cannabinoid Drug
136	0.2	695	
0	0.0	700	
		-	Phencyclidine (PCP)
0	0.0	795	
0	0.0	800	

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## Variable 630:DRUG TEST RESULTS #2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
4	0.0	995	
484	0.7	996	Other drug
15	0.0	997	Tested for drugs, results unknown
29	0.0	998	Tested for drugs, drugs found, type unknown / positive
2050	3.0	999	Unknown if tested

Variable 631	DRUG TEST TYPE #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - DRUGTST3

3Nov2011	Prcnt	Code	Value and Description
63279	91.5	0	Test not given
2097	3.0	1	Blood
154	0.2	2	Urine
98	0.1	3	Both: blood and urine tests
1407	2.0	6	Not reported
10	0.0	7	Unknown test type
29	0.0	8	Other type test
2050	3.0	9	Unknown if tested / not reported

Variable 632	DRUG TEST RESULTS #3	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## NHTSA SAS Variable - DRUGRES3

See Appendix A for specific drug code values (100 - 995)

3Nov2011	Prcnt	Code	Value and Description
63275	91.5	0	Test not given
1122	1.6	1	No drugs reported / negative
1406	2.0	95	Not reported
3	0.0	100	
		-	Narcotic Drug
2	0.0	295	
47	0.1	300	
		-	Depressant Drug
4	0.0	395	

Variable 632:DRUG TEST RESULTS #3 (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	400	- Stimulant Drug
2	0.0	495	
0	0.0	500	- Hallucinogen Drug
0	0.0	595	
19	0.0	600	- Cannabinoid Drug
57	0.1	695	
0	0.0	700	- Phencyclidine (PCP)
1	0.0	795	
0	0.0	800	- Anabolic Steroid
0	0.0	895	
0	0.0	900	- Inhalant Drug
2	0.0	995	
356	0.5	996	Other drug
8	0.0	997	Tested for drugs, results unknown
28	0.0	998	Tested for drugs, drugs found, type unknown / positive
2050	3.0	999	Unknown if tested

Variable 633	OCCUPANT INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ\_SEV

3Nov2011	Prcnt	Code	Value and Description
16682	24.1	0	O - no injury
5609	8.1	1	C - possible injury
9622	13.9	2	B - nonincapacitating evident injury
8532	12.3	3	A - incapacitating injury
27836	40.3	4	K - fatal injury
248	0.4	5	Injured, severity unknown
3	0.0	6	Died prior to crash
10	0.0	8	Not reported
582	0.8	9	Unknown

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<u>Variable 634</u>	<u>OCC TAKEN TO HOSPITAL BY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - HOSPITAL

## Transported to Medical Facility By

3Nov2011	Prcnt	Code	Value and Description
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35473	51.3	0	Not transported
5819	8.4	1	Yes, EMS
209	0.3	2	Yes, Law Enforcement
2223	3.2	3	Yes, EMS unknown mode
208	0.3	4	Yes, Transported by unknown source
23790	34.4	5	EMS ground
468	0.7	6	Other
393	0.6	8	Not reported
541	0.8	9	Unknown

<u>Variable 635</u>	<u>DIED AT SCENE / EN ROUTE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - DOA

## Died at Scene / En Route

3Nov2011	Prcnt	Code	Value and Description
----------	-------	------	-----------------------

52727	76.3	0	Not applicable (non-fatalities and victims dying at locations other than the scene or en route)
15930	23.0	7	Died at scene
434	0.6	8	Died en route
33	0.0	9	Fatal, unknown location

<u>Variable 636</u>	<u>OCC DEATH DATE - MONTH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - DEATH\_MO

3Nov2011	Prcnt	Code	Value and Description
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1897	2.7	1	January
1647	2.4	2	February
1991	2.9	3	March
2351	3.4	4	April
2517	3.6	5	May
2453	3.5	6	June
2602	3.8	7	July
2682	3.9	8	August
2494	3.6	9	September
2544	3.7	10	October
2256	3.3	11	November

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Variable 636:OCC DEATH DATE - MONTH (Continued)

3Nov2011	Prcnt	Code	Value and Description
2051	3.0	12	December
41288	59.7	88	Not applicable (non-fatal)
351	0.5	99	Unknown

Variable 637	OCC DEATH DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH\_DA

3Nov2011	Prcnt	Code	Value and Description
950	1.4	1	- Day of month
536	0.8	31	
41288	59.7	88	Not applicable (non-fatal)
370	0.5	99	Unknown

Variable 638	OCC DEATH DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - DEATH\_YR

3Nov2011	Prcnt	Code	Value and Description
27581	39.9	2010	2010
83	0.1	2011	2011
41288	59.7	8888	Not applicable (non-fatal)
172	0.2	9999	Unknown

Variable 639	OCC DEATH TIME - HOURS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH\_HR

3Nov2011	Prcnt	Code	Value and Description
961	1.4	0	12:00 midnight - 12:59 am
1071	1.5	1	1:00 am - 1:59 am
1136	1.6	2	2:00 am - 2:59 am
961	1.4	3	3:00 am - 3:59 am
748	1.1	4	4:00 am - 4:59 am
703	1.0	5	5:00 am - 5:59 am
798	1.2	6	6:00 am - 6:59 am
842	1.2	7	7:00 am - 7:59 am
829	1.2	8	8:00 am - 8:59 am
765	1.1	9	9:00 am - 9:59 am

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Variable 639: OCC DEATH TIME - HOURS (Continued)

3Nov2011	Prcnt	Code	Value and Description
870	1.3	10	10:00 am - 10:59 am
891	1.3	11	11:00 am - 11:59 am
1030	1.5	12	12:00 pm - 12:59 pm
1105	1.6	13	1:00 pm - 1:59 pm
1258	1.8	14	2:00 pm - 2:59 pm
1281	1.9	15	3:00 pm - 3:59 pm
1438	2.1	16	4:00 pm - 4:59 pm
1417	2.0	17	5:00 pm - 5:59 pm
1380	2.0	18	6:00 pm - 6:59 pm
1239	1.8	19	7:00 pm - 7:59 pm
1126	1.6	20	8:00 pm - 8:59 pm
1183	1.7	21	9:00 pm - 9:59 pm
1152	1.7	22	10:00 pm - 10:59 pm
1131	1.6	23	11:00 pm - 11:59 pm
41288	59.7	88	Not applicable (non-fatal)
2521	3.6	99	Unknown

Variable 640	OCC DEATH TIME - MINUTES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH\_MN

3Nov2011	Prcnt	Code	Value and Description
1595	2.3	0	- Minute
277	0.4	59	
41288	59.7	88	Not applicable (non-fatal)
2619	3.8	99	Unknown

Variable 641	LAG TIME ACC/DEATH - HRS	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - LAG\_HRS

3Nov2011	Prcnt	Code	Value and Description
15332	22.2	0	- Actual time in hours
1	0.0	719	
44001	63.7	999	Unknown



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<u>Variable 642</u>	<u>LAG TIME ACC/DEATH - MIN</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LAG\_MINS

3Nov2011 Prcnt      Code Value and Description

7109	10.3	0	- Minute
201	0.3	59	
44001	63.7	99	Unknown

<u>Variable 643</u>	<u>OCC RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P\_SF1

Related Factors at Occupant Level - Response #1

3Nov2011 Prcnt      Code Value and Description

68972	99.8	0	Not applicable (driver) or none (all other persons)
46	0.1	5	Interfering with driver
3	0.0	8	Mentally challenged
4	0.0	9	Construction/maintenance/utility worker
0	0.0	13	Motorized wheelchair rider
13	0.0	18	Mother of dead fetus

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	26	Following improperly
0	0.0	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
12	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
0	0.0	37	Traveling on prohibited trafficways
0	0.0	40	Passing through or around barrier positioned to prohibit or channel traffic
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum

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Variable 643:OCC RELATED FACTORS #1 (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
0	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
53	0.1	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

## Vision obscured by:

0	0.0	60	Rain, snow, fog, smoke, sand, dust
0	0.0	61	Reflected glare, bright sunlight, headlights
0	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	63	Building, billboard, other structure
0	0.0	64	Trees, crops, vegetation
0	0.0	65	Motor vehicle (including load)
0	0.0	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
0	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
0	0.0	72	Other visual obstruction

## Skidding, swerving, sliding due to:

0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bumps in road
0	0.0	80	Vehicle in road
0	0.0	81	Phantom vehicle
1	0.0	82	Pedestrian, pedalcyclist or persons on personal conveyances
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road

## Other nonmotorist factors:

1	0.0	86	Emergency services personnel
2	0.0	87	Police or law enforcement officer
10	0.0	88	Seat back not in normal upright position, seat back reclined
0	0.0	90	Nonmotorist pushing a vehicle
0	0.0	91	Portable electronic devices (cell phone, MP3 player, PDA, etc.)
7	0.0	99	Unknown

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Variable 644	OCC RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P\_SF2

Related Factors at Occupant Level - Response #2

3Nov2011	Prcnt	Code Value and Description
----------	-------	----------------------------

69116	100.0	0 Not applicable (driver) or none (all other persons)
-------	-------	---

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

1	0.0	32 Opening vehicle closure into moving traffic or while vehicle is in motion
---	-----	--

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

Skidding, swerving, sliding due to:

Other nonmotorist factors:

7	0.0	99 Unknown
---	-----	------------

Variable 645	OCC RELATED FACTORS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P\_SF3

Related Factors at Occupant Level - Response #3

3Nov2011	Prcnt	Code Value and Description
----------	-------	----------------------------

69117	100.0	0 Not applicable (driver) or none (all other persons)
-------	-------	---

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

Skidding, swerving, sliding due to:

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Variable 645: OCC RELATED FACTORS #3 (Continued)

3Nov2011 Prcnt    Code Value and Description

Other nonmotorist factors:

7	0.0	99	Unknown
---	-----	----	---------

<u>Variable 646</u>	<u>OCC DEATH CERTIFICATE</u>	Width: 12	Type: Alphabetic
		Dec:    None	Miss: None

NHTSA SAS Variable - CERT\_NO

First four digits - City where death occurred  
Next two digits - State where death occurred  
Last six digits - Sequence number as defined  
by State Vital Statistics Dept

<u>Variable 647</u>	<u>OCC FATAL INJURY AT WORK</u>	Width: 1	Type: Numeric
		Dec:    None	Miss: 9

NHTSA SAS Variable - WORK\_INJ

3Nov2011 Prcnt    Code Value and Description

22544	32.6	0	No
621	0.9	1	Yes
41288	59.7	8	Not applicable (not a fatality)
4671	6.8	9	Unknown

<u>Variable 648</u>	<u>RACE</u>	Width: 2	Type: Numeric
		Dec:    None	Miss: 99

NHTSA SAS Variable - RACE

3Nov2011 Prcnt    Code Value and Description

41287	59.7	0	Not a fatality (not applicable)
19185	27.8	1	White
2874	4.2	2	Black
339	0.5	3	American Indian (includes Aleuts and Eskimos)
			Asian or Pacific Islander
28	0.0	4	Chinese
18	0.0	5	Japanese
28	0.0	6	Hawaiian (includes part-Hawaiian)
36	0.1	7	Filipino
47	0.1	18	Asian Indian
11	0.0	19	Other Indian (includes South and Central America, any others, except American or Asian Indians)

Variable 648:RACE (Continued)

3Nov2011	Prcnt	Code	Value and Description
15	0.0	28	Korean
7	0.0	38	Samoan
20	0.0	48	Vietnamese
3	0.0	58	Guamanian
49	0.1	68	Other Asian or Pacific Islander
51	0.1	78	Asian or Pacific Islander, no specific (individual) race
20	0.0	97	Multiple races (individuals races not specified; ex. "mixed")
176	0.3	98	All other races
4930	7.1	99	Unknown

Variable 649	HISPANIC ORIGIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HISPANIC

3Nov2011	Prcnt	Code	Value and Description
41288	59.7	0	Not a fatality (not applicable)
676	1.0	1	Mexican
137	0.2	2	Puerto Rican
104	0.2	3	Cuban
153	0.2	4	Central or South American
42	0.1	5	European Spanish
1098	1.6	6	Hispanic, origin not specified or other origin
18804	27.2	7	Non-Hispanic
6822	9.9	99	Unknown



The PERSON AUXILIARY Variables

Variables 650 through 667 describe characteristics of the persons involved in the crash and are derived by NHTSA. They are included only in the Occupant and Nonmotorist data sets.

Variable 650	AUX: AGE GROUP 1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE1

3Nov2011 Prcnt Code Value and Description

6095	8.8	1	0 - 15 years old
16071	23.2	2	16 - 24 years old
30781	44.5	3	25 - 54 years old
14710	21.3	4	55+ years old
1467	2.1	5	Unknown

Variable 651	AUX: AGE GROUP 2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE2

3Nov2011 Prcnt Code Value and Description

6095	8.8	1	0 - 15 years old
8882	12.8	2	16 - 20 years old
7189	10.4	3	21 - 24 years old
11878	17.2	4	25 - 34 years old
33613	48.6	5	35+ years old
1467	2.1	6	Unknown

Variable 652	AUX: AGE GROUP 3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE3

3Nov2011 Prcnt Code Value and Description

1432	2.1	1	0 - 3 years old
1331	1.9	2	4 - 7 years old
1694	2.5	3	8 - 12 years old
1638	2.4	4	13 - 15 years old
8882	12.8	5	16 - 20 years old
7189	10.4	6	21 - 24 years old
11878	17.2	7	25 - 34 years old
9463	13.7	8	35 - 44 years old

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Variable 652:AUX: AGE GROUP 3 (Continued)

3Nov2011 Prcnt      Code Value and Description

9440	13.7	9	45 - 54 years old
6943	10.0	10	55 - 64 years old
3858	5.6	11	65 - 74 years old
3909	5.7	12	75+ years old
1467	2.1	13	Unknown

---

Variable 653	AUX: AGE GROUP 4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE4

3Nov2011 Prcnt      Code Value and Description

6095	8.8	1	Less than 16 years old
8882	12.8	2	16 - 20 years old
7189	10.4	3	21 - 24 years old
11878	17.2	4	25 - 34 years old
9463	13.7	5	35 - 44 years old
16383	23.7	6	45 - 64 years old
7767	11.2	7	65+ years old
1467	2.1	8	Unknown

---

Variable 654	AUX: AGE GROUP 5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE5

3Nov2011 Prcnt      Code Value and Description

6095	8.8	1	Less than 16 years old
8882	12.8	2	16 - 20 years old
7189	10.4	3	21 - 24 years old
11878	17.2	4	25 - 34 years old
9463	13.7	5	35 - 44 years old
9440	13.7	6	45 - 54 years old
6943	10.0	7	55 - 64 years old
3858	5.6	8	65 - 74 years old
3909	5.7	9	75+ years old
1467	2.1	10	Unknown



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<hr/> Variable 655	<hr/> AUX: AGE GROUP 6	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE6

3Nov2011	Prcnt	Code	Value and Description
5353	7.7	1	Less than 15 years old
9624	13.9	2	15 - 20 years old
7189	10.4	3	21 - 24 years old
11878	17.2	4	25 - 34 years old
9463	13.7	5	35 - 44 years old
9440	13.7	6	45 - 54 years old
6943	10.0	7	55 - 64 years old
3858	5.6	8	65 - 74 years old
3909	5.7	9	75+ years old
1467	2.1	10	Unknown

<hr/> Variable 656	<hr/> AUX: AGE GROUP 7	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE7

3Nov2011	Prcnt	Code	Value and Description
1804	2.6	1	Less than 5 years old
1614	2.3	2	5 - 9 years old
2677	3.9	3	10 - 15 years old
8882	12.8	4	16 - 20 years old
7189	10.4	5	21 - 24 years old
11878	17.2	6	25 - 34 years old
9463	13.7	7	35 - 44 years old
9440	13.7	8	45 - 54 years old
6943	10.0	9	55 - 64 years old
3858	5.6	10	65 - 74 years old
3909	5.7	11	>74 years old
1467	2.1	12	Unknown

<hr/> Variable 657	<hr/> AUX: AGE GROUP 8	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE8

3Nov2011	Prcnt	Code	Value and Description
13111	19.0	1	Less than 20 years old
15720	22.7	2	20 - 29 years old
9959	14.4	3	30 - 39 years old
9612	13.9	4	40 - 49 years old
8410	12.2	5	50 - 59 years old
10845	15.7	6	>59 years old
1467	2.1	7	Unknown

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Person Auxiliary

---

Variable 658	AUX: AGE GROUP 9	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE9

3Nov2011 Prcnt Code Value and Description

6095	8.8	1	Less than 16 years old
61562	89.1	2	16+ years old
1467	2.1	3	Unknown

---

Variable 659	AUX: ALCOHOL TESTING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_ALCTES

3Nov2011 Prcnt Code Value and Description

15725	22.7	1	No alcohol
8978	13.0	2	Positive BAC
39038	56.5	3	Not tested
1538	2.2	4	Tested, with unknown results
3845	5.6	5	Unknown if tested

---

Variable 660	AUX: EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_EJECT

3Nov2011 Prcnt Code Value and Description

60911	88.1	1	Not ejected
7925	11.5	2	Ejected
288	0.4	3	Unknown

---

Variable 661	AUX: HISPANIC ORIGIN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_HISP

3Nov2011 Prcnt Code Value and Description

41288	59.7	0	Not applicable or not available
18804	27.2	1	Non-Hispanic
2210	3.2	2	Hispanic
6822	9.9	3	Unknown

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<u>Variable 662</u>	<u>AUX: RACE AND HISPANIC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_HRACE

Race and Hispanic - Using OMB Guidelines

3Nov2011	Prcnt	Code	Value and Description
41288	59.7	0	Not applicable or not available
2210	3.2	1	Hispanic
15283	22.1	2	White non-Hispanic
2794	4.0	3	Black, non-Hispanic
325	0.5	4	American Indian, non-Hispanic/unknown
157	0.2	5	Asian, non-Hispanic/unknown
34	0.0	6	Pacific Islander, non-Hispanic/unknown
16	0.0	7	Multiple races, non-Hispanic/unknown
2176	3.1	8	All other non-Hispanic or race
4841	7.0	9	Unknown race and unknown Hispanic

<u>Variable 663</u>	<u>AUX:NONMOTORIST LOCATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_LOC

3Nov2011	Prcnt	Code	Value and Description
69124	100.0	1	Not applicable (occupants)

<u>Variable 664</u>	<u>AUX: PERSON INJURY TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_PERINJ

3Nov2011	Prcnt	Code	Value and Description
27836	40.3	1	Fatal (FARS)
41288	59.7	6	Survivor in fatal crash (FARS)

<u>Variable 665</u>	<u>AUX: PERSON TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_PTYPE

3Nov2011	Prcnt	Code	Value and Description
44440	64.3	1	Driver
24487	35.4	2	Occupant
197	0.3	5	Park/work/other/unknown nonoccupants

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---

Variable 666	AUX: RACE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_RCAT

Race - Using OMB Guidelines

3Nov2011	Prcnt	Code	Value and Description
41288	59.7	0	Not applicable or not available
19184	27.8	1	White
2874	4.2	2	Black
339	0.5	3	American Indian
164	0.2	4	Asian
38	0.1	5	Pacific Islander
20	0.0	6	Mixed race
287	0.4	7	All other races
4930	7.1	8	Unknown

---

Variable 667	AUX: RESTRAINT USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_REST

3Nov2011	Prcnt	Code	Value and Description
42686	61.8	1	Restraint used
20548	29.7	2	Restraint not used
5890	8.5	3	Restraint use unknown

The NONMOTORIST Variables

Variables 701 through 801 describe nonmotorists involved in the crash. The Nonmotorist data set contains these variables, along with the accident variables and the Vehicle, Driver, and Occupant variables for the vehicle striking this nonmotorist.

Variable 701	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 702	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST\_CASE

Variable 703	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

3Nov2011 Prcnt Code Value and Description

5449 100.0 0 Sequence number 0

Variable 704	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH\_NO

Persons in vehicles not-in-transport may have an associated vehicle number

3Nov2011 Prcnt Code Value and Description

5449 100.0 0 No vehicle number

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2010 - Nonmotorist

<u>Variable 705</u>	<u>RECORD TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - LEVEL

3Nov2011	Prcnt	Code	Value and Description
	5449 100.0	5	Nonmotorist record

<u>Variable 706</u>	<u>NONMOTORIST NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NHTSA SAS Variable - PER\_NO

3Nov2011	Prcnt	Code	Value and Description
	5044 92.6	1	Nonmotorist #1
	309 5.7	2	Nonmotorist #2
	58 1.1	3	Nonmotorist #3
	18 0.3	4	Nonmotorist #4
	8 0.1	5	Nonmotorist #5
	5 0.1	6	Nonmotorist #6
	4 0.1	7	Nonmotorist #7
	3 0.1	8	Nonmotorist #8

<u>Variable 707</u>	<u>NUM VEHICLE STRIKING NMT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - N\_MOT\_NO

Number of Motor Vehicle Striking Non-Motorist

3Nov2011	Prcnt	Code	Value and Description
	5289 97.1	1	
		-	Assigned vehicle number
	2 0.0	5	

<u>Variable 708</u>	<u>NONMOTORIST AGE</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## NHTSA SAS Variable - AGE

3Nov2011	Prcnt	Code	Value and Description
	7 0.1	0	Less than one year
	30 0.6	1	
		-	Age in years
	1 0.0	104	
	3 0.1	998	Not reported

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Variable 708:NONMOTORIST AGE (Continued)

3Nov2011 Prcnt Code Value and Description

28 0.5 999 Unknown

Variable 709	NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

3Nov2011 Prcnt Code Value and Description

3824	70.2	1	Male
1624	29.8	2	Female
0	0.0	8	Not reported
1	0.0	9	Unknown

Variable 710	NONMOTORIST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PER\_TYP

3Nov2011 Prcnt Code Value and Description

Nonmotorists			
35	0.6	4	Occupant of a nonmotor vehicle transport device
Nonoccupants			
4599	84.4	5	Pedestrian
638	11.7	6	Bicyclist
2	0.0	7	Other cyclist
137	2.5	8	Persons on personal conveyances
38	0.7	10	Persons in/on buildings
0	0.0	19	Unknown type of nonmotorist

Variable 711	NMT SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEAT\_POS

Persons in a not-in-transport vehicle may have a valid seating position

3Nov2011 Prcnt Code Value and Description

5449 100.0 0 Not a motor vehicle occupant

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Variable 712	NMT RESTRNTSYS/HELMT USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REST\_USE

Restraint System / Helmet Use

3Nov2011 Prcnt Code Value and Description

5449 100.0 96 Not applicable, nonmotorist

Variable 713	NONMOTORIST AIR BAG	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AIR\_BAG

Note: Airbag Availability/Deployment code values and descriptions changed to Airbag Deployed code values and descriptions in 2009.

Persons in a not-in-transport vehicle may have a valid code

3Nov2011 Prcnt Code Value and Description

5449 100.0 97 Not a motor vehicle occupant

Variable 714	NONMOTORIST EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJECTION

3Nov2011 Prcnt Code Value and Description

5449 100.0 8 Not applicable

Variable 715	NMT EJECTION PATH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJ\_PATH

3Nov2011 Prcnt Code Value and Description

5449 100.0 0 Not ejected / not applicable



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Variable 716	NONMOTORIST EXTRICATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EXTRICAT

3Nov2011	Prcnt	Code	Value and Description
5449	100.0	0	Not extricated or not applicable

Variable 717	NONMOTORIST LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LOCATION

Nonmotorist Location at Time of Crash

3Nov2011	Prcnt	Code	Value and Description
537	9.9	1	Intersection - in marked crosswalk
130	2.4	2	Intersection - unmarked crosswalk
452	8.3	3	Intersection - not in crosswalk
98	1.8	9	Intersection - unknown location
28	0.5	10	Nonintersection - in marked crosswalk
2907	53.3	11	Nonintersection - not in marked crosswalk
596	10.9	13	Nonintersection - crosswalk availability unknown
7	0.1	14	Parking lane/zone
2	0.0	16	Bike lane
327	6.0	20	Shoulder/roadside
116	2.1	21	Sidewalk
31	0.6	22	Median/crossing island
37	0.7	23	Driveway access
3	0.1	24	Shared-use path/trail
77	1.4	25	Nontrafficway area
37	0.7	28	Other
15	0.3	98	Not reported
49	0.9	99	Unknown

Variable 718	NMTR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRINKING

Police Reported Alcohol Involvement

3Nov2011	Prcnt	Code	Value and Description
1834	33.7	0	No (alcohol not involved)
930	17.1	1	Yes (alcohol involved)
1720	31.6	8	Not reported

FATALITY ANALYSIS REPORTING SYSTEM  
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## Variable 718:NMTR ALCOHOL INVOLVEMENT (Continued)

3Nov2011 Prcnt Code Value and Description

965	17.7	9	Unknown (police reported)
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<u>Variable 719</u>	<u>NMTR METH ALC DETERMINAT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - ALC\_DET

## Method of Alcohol Determination (By Police)

3Nov2011 Prcnt Code Value and Description

726	13.3	1	Evidential test (breath, blood, urine)
8	0.1	2	Preliminary Breath Test (PBT)
1	0.0	3	Behavioral
0	0.0	4	Passive Alcohol Sensor (PAS)
424	7.8	5	Observed
88	1.6	8	Other (e.g., saliva test)
4202	77.1	9	Not reported

<u>Variable 720</u>	<u>ALCOHOL TEST STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - ALC\_STATUS

3Nov2011 Prcnt Code Value and Description

1543	28.3	0	Test not given
1	0.0	1	Test refused
3468	63.6	2	Test given
338	6.2	8	Not reported
99	1.8	9	Unknown if tested / not reported

<u>Variable 721</u>	<u>NMTR ALCOHOL TEST TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - ATST\_TYP

3Nov2011 Prcnt Code Value and Description

1544	28.3	0	Not tested for alcohol
3349	61.5	1	Blood
4	0.1	2	Breathalyzer "BAC"
11	0.2	3	Urine
47	0.9	4	Vitreous
12	0.2	5	Blood plasma/serum
0	0.0	6	Blood clot

Variable 721:NMTR ALCOHOL TEST TYPE (Continued)

3Nov2011	Prcnt	Code	Value and Description
	2	0.0	7 Liver
	12	0.2	8 Other test type
	3	0.1	10 Preliminary breath test (PBT)
	338	6.2	95 Not reported
	28	0.5	98 Unknown test type
	99	1.8	99 Unknown if tested / not reported

Variable 722	NMTR ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

NHTSA SAS Variable - ALC\_RES

3Nov2011	Prcnt	Code	Value and Description
	1942	35.6	0.00 Less than 0.01%
	26	0.5	0.01
			- Result value (grams/100 ml%)
	1	0.0	0.50
	368	6.8	0.95 Not reported
	1544	28.3	0.96 Test not given
	179	3.3	0.97 AC test performed, results unknown
	8	0.1	0.98 Positive reading with no actual value
	99	1.8	0.99 Unknown if tested / not reported

Variable 723	NMT DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGS

Police Reported Other Drug Involvement

3Nov2011	Prcnt	Code	Value and Description
	1377	25.3	0 No (drugs not involved)
	236	4.3	1 Yes (drugs involved)
	2934	53.8	8 Not reported
	902	16.6	9 Unknown

Variable 724	NMT DRUG DETERMINATION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DRUG\_DET

Method of Other Drug Determination By Police

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## Variable 724: NMT DRUG DETERMINATION (Continued)

3Nov2011 Prcnt Code Value and Description

561	10.3	1	Evidential test (Blood, Urine)
3	0.1	2	Drug Recognition Technician (DRT) determined
5	0.1	3	Behavioral
298	5.5	7	Other
4582	84.1	8	Not reported

---

Variable 725	NMT DRUG TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

## NHTSA SAS Variable - DSTATUS

3Nov2011 Prcnt Code Value and Description

1964	36.0	0	Test not given
0	0.0	1	Test refused
2985	54.8	2	Test given
405	7.4	8	Not reported
95	1.7	9	Unknown if tested / not reported

---

Variable 726	NMT DRUG TEST TYPE #1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

## NHTSA SAS Variable - DRUGTST1

3Nov2011 Prcnt Code Value and Description

1964	36.0	0	Test not given
2754	50.5	1	Blood
87	1.6	2	Urine
65	1.2	3	Both: blood and urine tests
406	7.5	6	Not reported
39	0.7	7	Unknown test type
39	0.7	8	Other type test
95	1.7	9	Unknown if tested / not reported

---

Variable 727	NMT DRUG TEST RESULTS #1	Width: 3	Type: Numeric
		Dec: None	Miss: 999

---

## NHTSA SAS Variable - DRUGRES1

See Appendix A for specific drug code values (100 - 995)

3Nov2011 Prcnt Code Value and Description

1964	36.0	0	Test not given
2006	36.8	1	No drugs reported / negative

Variable 727:NMT DRUG TEST RESULTS #1 (Continued)

3Nov2011	Prcnt	Code	Value and Description
432	7.9	95	Not reported
3	0.1	100	
		-	Narcotic Drug
3	0.1	295	
29	0.5	300	
		-	Depressant Drug
5	0.1	395	
0	0.0	400	
		-	Stimulant Drug
5	0.1	495	
0	0.0	500	
		-	Hallucinogen Drug
0	0.0	595	
13	0.2	600	
		-	Cannabinoid Drug
48	0.9	695	
0	0.0	700	
		-	Phencylidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
0	0.0	995	
108	2.0	996	Other drug
168	3.1	997	Tested for drugs, results unknown
37	0.7	998	Tested for drugs, drugs found, type unknown / positive
95	1.7	999	Unknown if tested / not reported

Variable 728	NMT DRUG TEST TYPE #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST2

3Nov2011	Prcnt	Code	Value and Description
4427	81.2	0	Test not given
670	12.3	1	Blood
23	0.4	2	Urine
20	0.4	3	Both: blood and urine tests

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Variable 728:NMT DRUG TEST TYPE #2 (Continued)

3Nov2011 Prcnt Code Value and Description

202	3.7	6	Not reported
1	0.0	7	Unknown test type
11	0.2	8	Other type test
95	1.7	9	Unknown if tested / not reported

Variable 729	NMT DRUG TEST RESULTS #2	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES2

See Appendix A for specific drug code values (100 - 995)

3Nov2011 Prcnt Code Value and Description

4426	81.2	0	Test not given
341	6.3	1	No drugs reported / negative
202	3.7	95	Not reported
1	0.0	100	
		-	Narcotic Drug
1	0.0	295	
16	0.3	300	
		-	Depressant Drug
2	0.0	395	
0	0.0	400	
		-	Stimulant Drug
1	0.0	495	
0	0.0	500	
		-	Hallucinogen Drug
0	0.0	595	
7	0.1	600	
		-	Cannabinoid Drug
10	0.2	695	
0	0.0	700	
		-	Phencylidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
0	0.0	995	

Variable 729:NMT DRUG TEST RESULTS #2 (Continued)

3Nov2011	Prcnt	Code	Value and Description
68	1.2	996	Other drug
3	0.1	997	Tested for drugs, results unknown
7	0.1	998	Tested for drugs, drugs found, type unknown / positive
95	1.7	999	Unknown if tested / not reported

Variable 730	NMT DRUG TEST TYPE #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST3

3Nov2011	Prcnt	Code	Value and Description
4643	85.2	0	Test not given
472	8.7	1	Blood
13	0.2	2	Urine
14	0.3	3	Both: blood and urine tests
202	3.7	6	Not reported
1	0.0	7	Unknown test type
9	0.2	8	Other type test
95	1.7	9	Unknown if tested / not reported

Variable 731	NMT DRUG TEST RESULTS #3	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES3

See Appendix A for specific drug code values (100 - 995)

3Nov2011	Prcnt	Code	Value and Description
4642	85.2	0	Test not given
348	6.4	1	No drugs reported / negative
202	3.7	95	Not reported
0	0.0	100	- Narcotic Drug
0	0.0	295	
6	0.1	300	- Depressant Drug
0	0.0	395	
0	0.0	400	- Stimulant Drug
2	0.0	495	
0	0.0	500	- Hallucinogen Drug

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## Variable 731: NMT DRUG TEST RESULTS #3 (Continued)

3Nov2011	Prcnt	Code	Value and Description
0	0.0	595	
2	0.0	600	
7	0.1	695	- Cannabinoid Drug
0	0.0	700	
1	0.0	795	- Phencyclidine (PCP)
0	0.0	800	
0	0.0	895	- Anabolic Steroid
0	0.0	900	
0	0.0	995	- Inhalant Drug
41	0.8	996	Other drug
2	0.0	997	Tested for drugs, results unknown
6	0.1	998	Tested for drugs, drugs found, type unknown / positive
95	1.7	999	Unknown if tested / not reported

Variable 732	NMT INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - INJ\_SEV

3Nov2011	Prcnt	Code	Value and Description
10	0.2	0	O - no injury
45	0.8	1	C - possible injury
127	2.3	2	B - nonincapacitating evident injury
206	3.8	3	A - incapacitating injury
5049	92.7	4	K - fatal injury
10	0.2	5	Injured, severity unknown
0	0.0	6	Died prior to crash
0	0.0	8	Not reported
2	0.0	9	Unknown

Variable 733	NMT TAKEN TO HOSPITAL BY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - HOSPITAL

Transported to Medical Facility By



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Variable 733:NMT TAKEN TO HOSPITAL BY (Continued)

3Nov2011	Prcnt	Code	Value and Description
2182	40.0	0	Not transported
392	7.2	1	Yes, EMS
7	0.1	2	Yes, Law Enforcement
370	6.8	3	Yes, Other
9	0.2	4	Yes, Transported by unknown source
2441	44.8	5	EMS ground
18	0.3	6	Other
11	0.2	8	Not reported
19	0.3	9	Unknown

Variable 734	DIED AT SCENE / EN ROUTE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DOA

Died at Scene / En Route

3Nov2011	Prcnt	Code	Value and Description
3232	59.3	0	Not applicable (non-fatalities and victims dying at locations other than the scene or en route)
2145	39.4	7	Died at scene
58	1.1	8	Died en route
14	0.3	9	Fatal, unknown location

Variable 735	NMT DEATH DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH\_MO

3Nov2011	Prcnt	Code	Value and Description
400	7.3	1	January
350	6.4	2	February
374	6.9	3	March
370	6.8	4	April
378	6.9	5	May
327	6.0	6	June
405	7.4	7	July
387	7.1	8	August
465	8.5	9	September
503	9.2	10	October
517	9.5	11	November
497	9.1	12	December
400	7.3	88	Not applicable (non-fatal)
76	1.4	99	Unknown

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<u>Variable 736</u>	<u>NMT DEATH DATE - DAY</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - DEATH\_DA

3Nov2011	Prcnt	Code	Value and Description
166	3.0	1	- Day of month
113	2.1	31	
400	7.3	88	Not applicable (non-fatal)
77	1.4	99	Unknown

<u>Variable 737</u>	<u>NMT DEATH DATE - YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

## NHTSA SAS Variable - DEATH\_YR

3Nov2011	Prcnt	Code	Value and Description
4984	91.5	2010	2010
13	0.2	2011	2011
400	7.3	8888	Not applicable (non-fatal)
52	1.0	9999	Unknown

<u>Variable 738</u>	<u>NMT DEATH TIME - HOURS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## NHTSA SAS Variable - DEATH\_HR

3Nov2011	Prcnt	Code	Value and Description
233	4.3	0	12:00 midnight - 12:59 am
191	3.5	1	1:00 am - 1:59 am
220	4.0	2	2:00 am - 2:59 am
173	3.2	3	3:00 am - 3:59 am
121	2.2	4	4:00 am - 4:59 am
179	3.3	5	5:00 am - 5:59 am
149	2.7	6	6:00 am - 6:59 am
133	2.4	7	7:00 am - 7:59 am
114	2.1	8	8:00 am - 8:59 am
97	1.8	9	9:00 am - 9:59 am
116	2.1	10	10:00 am - 10:59 am
102	1.9	11	11:00 am - 11:59 am
122	2.2	12	12:00 pm - 12:59 pm
128	2.3	13	1:00 pm - 1:59 pm
131	2.4	14	2:00 pm - 2:59 pm
146	2.7	15	3:00 pm - 3:59 pm
158	2.9	16	4:00 pm - 4:59 pm
194	3.6	17	5:00 pm - 5:59 pm
244	4.5	18	6:00 pm - 6:59 pm
300	5.5	19	7:00 pm - 7:59 pm

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Variable 738:NMT DEATH TIME - HOURS (Continued)

3Nov2011	Prcnt	Code	Value and Description
320	5.9	20	8:00 pm - 8:59 pm
357	6.6	21	9:00 pm - 9:59 pm
335	6.1	22	10:00 pm - 10:59 pm
292	5.4	23	11:00 pm - 11:59 pm
400	7.3	88	Not applicable (non-fatal)
494	9.1	99	Unknown

Variable 739	NMT DEATH TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH\_MN

3Nov2011	Prcnt	Code	Value and Description
229	4.2	0	- Minute
69	1.3	59	
400	7.3	88	Not applicable (non-fatal)
500	9.2	99	Unknown

Variable 740	LAG TIME ACC/DEATH - HRS	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - LAG\_HRS

3Nov2011	Prcnt	Code	Value and Description
2672	49.0	0	- Actual time in hours
1	0.0	713	
908	16.7	999	Unknown

Variable 741	LAG TIME ACC/DEATH - MIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LAG\_MINS

3Nov2011	Prcnt	Code	Value and Description
1047	19.2	0	- Minute
30	0.6	59	
908	16.7	99	Unknown

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<u>Variable 742</u>	<u>NMT RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P\_SF1

## Related Factors at Occupant Level - Response #1

3Nov2011 Prcnt Code Value and Description

5192	95.3	0	Not applicable (driver) or none (all other persons)
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0	0.0	5	Interfering with driver
17	0.3	8	Mentally challenged
12	0.2	9	Construction/maintenance/utility worker
23	0.4	13	Motorized wheelchair rider
1	0.0	18	Mother of dead fetus

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	26	Following improperly
3	0.1	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
0	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
39	0.7	37	Traveling on prohibited trafficways
0	0.0	40	Passing through or around barrier positioned to prohibit or channel traffic
1	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
0	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
1	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
4	0.1	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

## Vision obscured by:

4	0.1	60	Rain, snow, fog, smoke, sand, dust
1	0.0	61	Reflected glare, bright sunlight, headlights

Variable 742:NMT RELATED FACTORS #1 (Continued)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
1	0.0	63	Building, billboard, other structure
0	0.0	64	Trees, crops, vegetation
3	0.1	65	Motor vehicle (including load)
5	0.1	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
1	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
0	0.0	72	Other visual obstruction
			Skidding, swerving, sliding due to:
0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bumps in road
1	0.0	80	Vehicle in road
0	0.0	81	Phantom vehicle
17	0.3	82	Pedestrian, pedalcyclist or persons on personal conveyances
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Other nonmotorist factors:
2	0.0	86	Emergency services personnel
10	0.2	87	Police or law enforcement officer
0	0.0	88	Seat back not in normal upright position, seat back reclined
12	0.2	90	Nonmotorist pushing a vehicle
6	0.1	91	Portable electronic devices (cell phone, MP3 player, PDA, etc.)
92	1.7	99	Unknown

Variable 743	NMT RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P\_SF2

Related Factors at Occupant Level - Response #2

3Nov2011	Prcnt	Code	Value and Description
5354	98.3	0	Not applicable (driver) or none (all other persons)

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Variable 743: NMT RELATED FACTORS #2 (Continued)

3Nov2011 Prcnt Code Value and Description

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

Skidding, swerving, sliding due to:

3	0.1	82 Pedestrian, pedalcyclist or persons on personal conveyances
---	-----	--

Other nonmotorist factors:

92	1.7	99 Unknown
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Variable 744	NMT RELATED FACTORS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P\_SF3

Related Factors at Occupant Level - Response #3

3Nov2011 Prcnt Code Value and Description

5357	98.3	0 Not applicable (driver) or none (all other persons)
------	------	---

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

Skidding, swerving, sliding due to:

Other nonmotorist factors:

92	1.7	99 Unknown
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Variable 745	NMT DEATH CERTIFICATE	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CERT\_NO

First four digits - City where death occurred  
Next two digits - State where death occurred  
Last six digits - Sequence number as defined  
by State Vital Statistics Dept

Variable 746	NMT FATAL INJ AT WORK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WORK\_INJ

3Nov2011 Prcnt      Code Value and Description

3747	68.8	0	No
72	1.3	1	Yes
400	7.3	8	Not applicable (not a fatality)
1230	22.6	9	Unknown

Variable 747	NMT RACE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - RACE

3Nov2011 Prcnt      Code Value and Description

400	7.3	0	Not a fatality (not applicable)
2650	48.6	1	White
710	13.0	2	Black
57	1.0	3	American Indian (includes Aleuts and Eskimos)
			Asian or Pacific Islander
18	0.3	4	Chinese
12	0.2	5	Japanese
4	0.1	6	Hawaiian (includes part-Hawaiian)
12	0.2	7	Filipino
17	0.3	18	Asian Indian
4	0.1	19	Other Indian (includes South and Central America, any others, except American or Asian Indians)
7	0.1	28	Korean
0	0.0	38	Samoan
6	0.1	48	Vietnamese
1	0.0	58	Guamanian
17	0.3	68	Other Asian or Pacific Islander
15	0.3	78	Asian or Pacific Islander, no specific (individual) race
4	0.1	97	Multiple races (individuals races not specified; ex. "mixed")
55	1.0	98	All other races

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Variable 747:NMT RACE (Continued)

3Nov2011 Prcnt Code Value and Description

1460 26.8 99 Unknown

---

Variable 748	NMT HISPANIC ORIGIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA SAS Variable - HISPANIC

3Nov2011 Prcnt Code Value and Description

400	7.3	0	Not a fatality (not applicable)
115	2.1	1	Mexican
41	0.8	2	Puerto Rican
33	0.6	3	Cuban
71	1.3	4	Central or South American
19	0.3	5	European Spanish
256	4.7	6	Hispanic, origin not specified or other origin
2843	52.2	7	Non-Hispanic
1671	30.7	99	Unknown

---

Variable 749	NMT STRIKING VEH DIRECTI	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

NHTSA SAS Variable - MOTDIR

Nonmotorist Striking Vehicle Direction

3Nov2011 Prcnt Code Value and Description

73	1.3	0	Missing data
312	5.7	1	North
309	5.7	2	East
328	6.0	3	South
293	5.4	4	West
640	11.7	7	Not a pedestrian
3362	61.7	8	Not applicable
132	2.4	9	Unknown

---

Variable 750	NMT STRIKING VEH MANEUVE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - MOTMAN

Nonmotorist Striking Vehicle Maneuver



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Variable 750:NMT STRIKING VEH MANEUVE (Continued)

3Nov2011 Prcnt Code Value and Description

73	1.3	0	Missing data
194	3.6	1	Left turn
95	1.7	2	Right turn
929	17.0	3	Straight through
640	11.7	7	Not a pedestrian
3494	64.1	8	Not applicable
24	0.4	9	Unknown

Variable 751	NMT ACTION 1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmcrash.MTM\_CRSH

Nonmotorist Action/Circumstances at Time of Crash (1)

3Nov2011 Prcnt Code Value and Description

1524	28.0	0	No improper action
770	14.1	1	Dart/dash
1033	19.0	2	Failure to yield right-of-way
118	2.2	3	Failure to obey traffic signs, signals or officer
750	13.8	4	In roadway improperly (standing, lying, working, playing)
43	0.8	5	Entering/exiting vehicle
59	1.1	6	Inattentive (talking, eating, etc.)
30	0.6	7	Improper turn/merge
1	0.0	8	Improper passing
68	1.2	9	Wrong-way riding or walking
7	0.1	10	Driving on wrong side of road
330	6.1	12	Improper crossing of roadway or intersection (jaywalking)
3	0.1	13	Failing to have lights on when required
14	0.3	14	Operating without required equipment
9	0.2	15	Improper or erratic lane changing
6	0.1	16	Failure to keep in proper lane or running off toad
5	0.1	17	Making improper entry to or exit from trafficway
2	0.0	18	Operating the vehicle in other erratic, reckless, careless or negligent manner
156	2.9	19	Not visible (dark clothing, no lighting, etc.)
2	0.0	20	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
152	2.8	21	Other
136	2.5	98	Not reported
231	4.2	99	Unknown

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Variable 752	NMT ACTION 2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmcrash.MTM\_CRSH

## Nonmotorist Action/Circumstances at Time of Crash (2)

3Nov2011	Prcnt	Code	Value and Description
174	3.2	2	Failure to yield right-of-way
90	1.7	3	Failure to obey traffic signs, signals or officer
106	1.9	4	In roadway improperly (standing, lying, working, playing)
11	0.2	5	Entering/exiting vehicle
46	0.8	6	Inattentive (talking, eating, etc.)
9	0.2	7	Improper turn/merge
23	0.4	9	Wrong-way riding or walking
3	0.1	10	Driving on wrong side of road
240	4.4	12	Improper crossing of roadway or intersection (jaywalking)
4	0.1	13	Failing to have lights on when required
17	0.3	14	Operating without required equipment
2	0.0	15	Improper or erratic lane changing
4	0.1	16	Failure to keep in proper lane or running off toad
9	0.2	17	Making improper entry to or exit from trafficway
2	0.0	18	Operating the vehicle in other erratic, reckless, careless or negligent manner
353	6.5	19	Not visible (dark clothing, no lighting, etc.)
17	0.3	21	Other
4339	79.6	97	No nonmotorist action

Variable 753	NMT ACTION 3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmcrash.MTM\_CRSH

## Nonmotorist Action/Circumstances at Time of Crash (3)

3Nov2011	Prcnt	Code	Value and Description
8	0.1	3	Failure to obey traffic signs, signals or officer
12	0.2	4	In roadway improperly (standing, lying, working, playing)
2	0.0	5	Entering/exiting vehicle
11	0.2	6	Inattentive (talking, eating, etc.)
1	0.0	9	Wrong-way riding or walking
3	0.1	10	Driving on wrong side of road
41	0.8	12	Improper crossing of roadway or intersection (jaywalking)
1	0.0	13	Failing to have lights on when required
4	0.1	14	Operating without required equipment
1	0.0	15	Improper or erratic lane changing
1	0.0	16	Failure to keep in proper lane or running off toad
2	0.0	17	Making improper entry to or exit from trafficway

Variable 753:NMT ACTION 3 (Continued)

3Nov2011 Prcnt Code Value and Description

151	2.8	19	Not visible (dark clothing, no lighting, etc.)
7	0.1	21	Other
5204	95.5	97	No nonmotorist action

Variable 754	NMT ACTION 4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmcrash.MTM\_CRSH

Nonmotorist Action/Circumstances at Time of Crash (4)

3Nov2011 Prcnt Code Value and Description

1	0.0	4	In roadway improperly (standing, lying, working, playing)
1	0.0	12	Improper crossing of roadway or intersection (jaywalking)
1	0.0	13	Failing to have lights on when required
6	0.1	19	Not visible (dark clothing, no lighting, etc.)
5440	99.8	97	No nonmotorist action

Variable 755	NMT ACTION 5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmcrash.MTM\_CRSH

Nonmotorist Action/Circumstances at Time of Crash (5)

3Nov2011 Prcnt Code Value and Description

1	0.0	5	Entering/exiting vehicle
5448	100.0	97	No nonmotorist action

Variable 756	NMT ACTION 6	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmcrash.MTM\_CRSH

Nonmotorist Action/Circumstances at Time of Crash (6)

3Nov2011 Prcnt Code Value and Description

1	0.0	12	Improper crossing of roadway or intersection (jaywalking)
5448	100.0	97	No nonmotorist action

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<u>Variable 757</u>	<u>NMT IMPAIRMENT 1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmimpair.NMIMPAIR

Condition (Impairment) at Time of Crash- Non-Motorist (1)

3Nov2011	Prcnt	Code	Value and Description
3063	56.2	0	None/apparently normal
17	0.3	1	Ill, blackout
11	0.2	2	Asleep or fatigued
24	0.4	3	Walking with a cane or crutches
30	0.6	4	Paraplegic or restricted to wheelchair
21	0.4	5	Impaired due to previous injury
4	0.1	6	Deaf
3	0.1	7	Blind
50	0.9	8	Emotional (depressed, angry, disturbed, etc.)
839	15.4	9	Under the influence of alcohol, drugs or medication
29	0.5	10	Physical impairment - no details
22	0.4	96	Other physical impairment
403	7.4	98	Not reported
933	17.1	99	Unknown if physically impaired

<u>Variable 758</u>	<u>NMT IMPAIRMENT 2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmimpair.NMIMPAIR

Condition (Impairment) at Time of Crash- Non-Motorist (2)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	2	Asleep or fatigued
2	0.0	8	Emotional (depressed, angry, disturbed, etc.)
29	0.5	9	Under the influence of alcohol, drugs or medication
3	0.1	10	Physical impairment - no details
4	0.1	96	Other physical impairment
5410	99.3	97	No nonmotorist impairment

<u>Variable 759</u>	<u>NMT IMPAIRMENT 3</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmimpair.NMIMPAIR

Condition (Impairment) at Time of Crash- Non-Motorist (3)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	9	Under the influence of alcohol, drugs or medication
1	0.0	10	Physical impairment - no details
5447	100.0	97	No nonmotorist impairment

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Variable 760	NMT PRIOR ACTION 1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmmprior.MPR\_ACT

Nonmotorist Action/Circumstances Prior to Crash (1)

3Nov2011	Prcnt	Code	Value and Description
19	0.3	1	Going to or from school (K-12)
69	1.3	2	Waiting to cross roadway
2849	52.3	3	Crossing roadway
17	0.3	4	Jogging/running
633	11.6	5	Movement along roadway with traffic (in or adjacent to travel lane)
144	2.6	6	Movement along roadway against traffic (in or adjacent to travel lane)
102	1.9	7	Movement on sidewalk
739	13.6	8	In roadway - other (working, playing, etc.)
214	3.9	9	Adjacent to roadway (e.g., shoulder, median)
20	0.4	10	Working in trafficway (incident response)
46	0.8	11	Entering / exiting a vehicle
154	2.8	12	Disabled vehicle related (working on, pushing, leaving / approaching)
172	3.2	14	Other
41	0.8	15	None
83	1.5	98	Not reported
147	2.7	99	Unknown

Variable 761	NMT PRIOR ACTION 2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmmprior.MPR\_ACT

Nonmotorist Action/Circumstances Prior to Crash (2)

3Nov2011	Prcnt	Code	Value and Description
1	0.0	2	Waiting to cross roadway
13	0.2	3	Crossing roadway
11	0.2	4	Jogging/running
21	0.4	5	Movement along roadway with traffic (in or adjacent to travel lane)
10	0.2	6	Movement along roadway against traffic (in or adjacent to travel lane)
11	0.2	7	Movement on sidewalk
22	0.4	8	In roadway - other (working, playing, etc.)
33	0.6	9	Adjacent to roadway (e.g., shoulder, median)
2	0.0	10	Working in trafficway (incident response)
13	0.2	11	Entering / exiting a vehicle
84	1.5	12	Disabled vehicle related (working on, pushing, leaving / approaching)
15	0.3	14	Other
5213	95.7	97	No nonmotorist action prior

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<hr/> Variable 762	<hr/> NMT PRIOR ACTION 3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmnprior.MPR\_ACT

## Nonmotorist Action/Circumstances Prior to Crash (3)

3Nov2011 Prcnt Code Value and Description

1	0.0	5	Movement along roadway with traffic (in or adjacent to travel lane)
2	0.0	6	Movement along roadway against traffic (in or adjacent to travel lane)
1	0.0	7	Movement on sidewalk
3	0.1	9	Adjacent to roadway (e.g., shoulder, median)
1	0.0	11	Entering / exiting a vehicle
7	0.1	12	Disabled vehicle related (working on, pushing, leaving / approaching)
1	0.0	14	Other
5433	99.7	97	No nonmotorist action prior

<hr/> Variable 763	<hr/> NMT PRIOR ACTION 4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - Nmnprior.MPR\_ACT

## Nonmotorist Action/Circumstances Prior to Crash (4)

3Nov2011 Prcnt Code Value and Description

1	0.0	12	Disabled vehicle related (working on, pushing, leaving / approaching)
5448	100.0	97	No nonmotorist action prior

<hr/> Variable 764	<hr/> NMT SAFETY EQUIP 1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - Safetyeq.MSAFEQMT

## Nonmotorist Safety Equipment (1)

3Nov2011 Prcnt Code Value and Description

4135	75.9	1	None used
105	1.9	2	Helmet
44	0.8	3	Reflective equipment / clothing (jacket, backpack, etc.)
0	0.0	4	Protective pads used (elbows, knees, shins, etc.)
7	0.1	5	Lighting
11	0.2	7	Other safety equipment
1068	19.6	8	Not reported
79	1.4	9	Unknown if used

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<u>Variable 765</u>	<u>NMT SAFETY EQUIP 2</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - Safetyeq.MSAFEQMT

Nonmotorist Safety Equipment (2)

3Nov2011	Prcnt	Code	Value and Description
5440	99.8	0	No nonmotorist safety equipment
4	0.1	3	Reflective equipment / clothing (jacket, backpack, etc.)
2	0.0	4	Protective pads used (elbows, knees, shins, etc.)
2	0.0	5	Lighting
1	0.0	7	Other safety equipment

<u>Variable 766</u>	<u>NMT SAFETY EQUIP 3</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - Safetyeq.MSAFEQMT

Nonmotorist Safety Equipment (3)

3Nov2011	Prcnt	Code	Value and Description
5447	100.0	0	No nonmotorist safety equipment
2	0.0	5	Lighting

<u>Variable 767</u>	<u>NMT SAFETY EQUIP 4</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - Safetyeq.MSAFEQMT

Nonmotorist Safety Equipment (4)

3Nov2011	Prcnt	Code	Value and Description
5449	100.0	0	No nonmotorist safety equipment

<u>Variable 768</u>	<u>NMT PED/BIKE TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PBPTYPE

3Nov2011	Prcnt	Code	Value and Description
4599	84.4	5	Pedestrian
638	11.7	6	Bicyclist
2	0.0	7	Other cyclist
137	2.5	8	Persons on personal conveyances
0	0.0	10	Persons in/on buildings

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Variable 768: NMT PED/BIKE TYPE (Continued)

3Nov2011 Prcnt Code Value and Description

0	0.0	19	Unknown
0	0.0	88	Not reported
73	1.3	99	No pedestrian/bicyclist record

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Variable 769	NMT CROSSWALK (Y/N)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - PBCWALK

Marked Crosswalk Present - Pedestrian/Bicyclist

3Nov2011 Prcnt Code Value and Description

4221	77.5	0	No
807	14.8	1	Yes
421	7.7	9	Unknown

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Variable 770	NMT SIDESWALK (Y/N)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - PBSWALK

Side Walk Present - Pedestrian/Bicyclist

3Nov2011 Prcnt Code Value and Description

3418	62.7	0	No
1241	22.8	1	Yes
790	14.5	9	Unknown

---

Variable 771	NMT SCHOOL ZONE (Y/N)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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NHTSA SAS Variable - PBSZONE

School Zone - Pedestrian/Bicyclist

3Nov2011 Prcnt Code Value and Description

4964	91.1	0	No
25	0.5	1	Yes
460	8.4	9	Unknown



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Variable 772	PEDESTRIAN CRASH TYPE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - PEDCTYPE

Crash Type - Pedestrian

3Nov2011	Prcnt	Code	Value and Description
640	11.7	0	Not a pedestrian
3	0.1	110	Assault with vehicle
25	0.5	120	Dispute-related
13	0.2	130	Pedestrian on vehicle
152	2.8	140	Vehicle-vehicle/object
90	1.7	150	Motor vehicle loss of control
83	1.5	160	Pedestrian loss of control
34	0.6	190	Other unusual circumstances
4	0.1	211	Backing vehicle - driveway
10	0.2	212	Backing vehicle - driveway/sidewalk intersection
33	0.6	213	Backing vehicle - roadway
3	0.1	214	Backing vehicle - parking lot
6	0.1	219	Backing vehicle - other/unknown
22	0.4	220	Driverless vehicle
229	4.2	230	Disabled vehicle-related
5	0.1	240	Emergency vehicle-related
4	0.1	250	Play vehicle-related
35	0.6	311	Working in roadway
25	0.5	312	Playing in roadway
105	1.9	313	Lying in roadway
29	0.5	320	Entering/exiting parked vehicle
22	0.4	330	Mailbox-related
8	0.1	341	Commercial bus-related
17	0.3	342	School bus-related
3	0.1	360	Ice cream/vendor truck-related
346	6.3	410	Walking along roadway with traffic - from behind
10	0.2	420	Walking along roadway with traffic - from front
16	0.3	430	Walking along roadway against traffic - from behind
78	1.4	440	Walking along roadway against traffic - from front
59	1.1	459	Walking along roadway - direction/position unknown
5	0.1	460	Motorist entering driveway or alley
7	0.1	465	Motorist exiting driveway or alley
1	0.0	469	Driveway crossing - other/unknown
2	0.0	510	Waiting to cross - vehicle turning
21	0.4	520	Waiting to cross - vehicle not turning
2	0.0	590	Waiting to cross - vehicle action unknown
76	1.4	610	Standing in roadway
103	1.9	620	Walking in roadway
225	4.1	680	Nonintersection - other/unknown
145	2.7	690	Intersection - other/unknown
30	0.6	710	Multiple threat
12	0.2	730	Trapped
392	7.2	741	Dash
78	1.4	742	Dart-out
1331	24.4	760	Pedestrian failed to yield
251	4.6	770	Motorist failed to yield
141	2.6	781	Motorist left turn - parallel paths

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Variable 772: PEDESTRIAN CRASH TYPE (Continued)

3Nov2011	Prcnt	Code	Value and Description
9	0.2	782	Motorist left turn - perpendicular paths
40	0.7	791	Motorist right turn - parallel paths
4	0.1	792	Motorist right turn on red - parallel paths
6	0.1	794	Motorist right turn on red - perpendicular paths
22	0.4	795	Motorist right turn - perpendicular paths
11	0.2	799	Motorist turn/merge - other/unknown
5	0.1	830	Off roadway - parking lot
106	1.9	890	Off roadway - other/unknown
74	1.4	900	Other - unknown location
168	3.1	910	Crossing an expressway
73	1.3	999	Missing data

Variable 773	PEDESTRIAN CRASH GROUP	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - PEDCGP

categorizes the pedestrian crash types described by the element  
Crash Type - Pedestrian

3Nov2011	Prcnt	Code	Value and Description
640	11.7	0	Not a pedestrian
660	12.1	100	Unusual circumstances
56	1.0	200	Backing vehicle
60	1.1	310	Working or playing in roadway
25	0.5	340	Bus-related
54	1.0	350	Unique midblock
509	9.3	400	Walking along roadway
13	0.2	460	Crossing driveway or alley
25	0.5	500	Waiting to cross
284	5.2	600	Pedestrian in roadway - circumstances unknown
42	0.8	720	Multiple threat/trapped
470	8.6	740	Dash/dart-out
1582	29.0	750	Crossing roadway - vehicle not turning
233	4.3	790	Crossing roadway - vehicle turning
111	2.0	800	Off roadway
168	3.1	910	Crossing expressway
444	8.1	990	Other/unknown - insufficient details
73	1.3	999	Missing data

Variable 774	PEDESTRIAN DIRECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PEDDIR

Variable 774:PEDESTRIAN DIRECTION (Continued)

3Nov2011 Prcnt Code Value and Description

219	4.0	1	North
234	4.3	2	East
204	3.7	3	South
202	3.7	4	West
640	11.7	7	Not a pedestrian
3654	67.1	8	Not applicable
296	5.4	9	Unknown

Variable 775	PED INTERSECTION LEG	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PEDLEG

identifies the leg of the intersection where the crash occurred

3Nov2011 Prcnt Code Value and Description

449	8.2	1	Near
632	11.6	2	Far
640	11.7	7	Not a pedestrian
3518	64.6	8	Not applicable
210	3.9	9	Unknown

Variable 776	PEDESTRIAN LOCATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PEDLOC

Crash Location - Pedestrian

3Nov2011 Prcnt Code Value and Description

932	17.1	1	Intersection
356	6.5	2	Intersection-related
3191	58.6	3	Nonintersection
171	3.1	4	Non-roadway
640	11.7	7	Not a pedestrian
159	2.9	9	Unknown/insufficient information

Variable 777	PEDESTRIAN POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PEDPOS

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Variable 777: PEDESTRIAN POSITION (Continued)

3Nov2011 Prcnt Code Value and Description

Intersection or Intersection Related		
171	3.1	1 Intersection proper
625	11.5	2 Crosswalk area
3218	59.1	3 Travel lane
238	4.4	4 Paved shoulder/bike lane/parking lane
96	1.8	5 Sidewalk/shared use path/driveway crossing
63	1.2	6 Unpaved right-of-way
8	0.1	7 Driveway/alley
162	3.0	8 Non-roadway-parking lot/other
155	2.8	9 Other/unknown
640	11.7	77 Not a pedestrian
73	1.3	99 Missing data

Variable 778	PEDESTRIAN SCENARIO	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - PEDSNR

describes the crash scenario involving the pedestrian

3Nov2011 Prcnt Code Value and Description

Motorist Traveling Straight Through - Crash Occurred on Near

- 1a Pedestrian within crosswalk area, traveled from motorist's left
- 1b Pedestrian within crosswalk area, traveled from motorist's right
- 1c Pedestrian within crosswalk area, approach direction unknown
- 2a Pedestrian outside crosswalk area, traveled from motorist's left
- 2b Pedestrian outside crosswalk area, traveled from motorist's right
- 2c Pedestrian outside crosswalk area, approach direction unknown

Motorist Traveling Straight Through - Crash Occurred on Far

- 3a Pedestrian within crosswalk area, traveled from motorist's left
- 3b Pedestrian within crosswalk area, traveled from motorist's right
- 3c Pedestrian within crosswalk area, approach direction unknown
- 4a Pedestrian outside crosswalk area, traveled from motorist's left
- 4b Pedestrian outside crosswalk area, traveled from motorist's right
- 4c Pedestrian outside crosswalk area, approach direction unknown

Variable 778:PEDESTRIAN SCENARIO (Continued)

3Nov2011 Prcnt Code Value and Description

Motorist Turning Right - Crash Occurred on Near (Approach) S

- 5a Pedestrian within crosswalk area, traveled from motorist's left
- 5b Pedestrian within crosswalk area, traveled from motorist's right
- 5c Pedestrian within crosswalk area, approach direction unknown.
- 6a Pedestrian outside crosswalk area, traveled from motorist's left
- 6b Pedestrian outside crosswalk area, traveled from motorist's right
- 6c Pedestrian outside crosswalk area, approach direction unknown

Motorist Turning Right - Crash Occurred on Far Side of Inter

- 7a Pedestrian within crosswalk area, approach direction same as motorist's
- 7b Pedestrian within crosswalk area, approach direction opposite motorist's
- 7c Pedestrian within crosswalk area, approach direction unknown
- 8a Pedestrian outside crosswalk area, approach direction same as motorist's
- 8b Pedestrian outside crosswalk area, approach direction opposite motorist's
- 8c Pedestrian outside crosswalk area, approach direction unknown

Motorist Turning Left - Crash Occurred on Near (Approach) Si

- 9a Pedestrian within crosswalk area, traveled from motorist's left
- 9b Pedestrian within crosswalk area, traveled from motorist's right
- 9c Pedestrian within crosswalk area, approach direction unknown
- 10a Pedestrian outside crosswalk area, traveled from motorist's left
- 10b Pedestrian outside crosswalk area, traveled from motorist's right
- 10c Pedestrian outside crosswalk area, approach direction unknown

Motorist Turning Left - Crash Occurred on Far Side of Inters

- 11a Pedestrian within crosswalk area, approach direction same as motorist's
- 11b Pedestrian within crosswalk area, approach direction opposite motorist's
- 11c Pedestrian within crosswalk area, approach direction unknown
- 12a Pedestrian outside crosswalk area, approach direction same as motorist's

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Variable 778: PEDESTRIAN SCENARIO (Continued)

3Nov2011	Prcnt	Code	Value and Description
		12b	Pedestrian outside crosswalk area, approach direction opposite motorist's
		12c	Pedestrian outside crosswalk area, approach direction unknown
		7	Not a pedestrian
		8	Not applicable

Variable 779	BICYCLIST CRASH TYPE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - BIKECTYPE

3Nov2011	Prcnt	Code	Value and Description
4736	86.9	0	Not a cyclist
4	0.1	111	Motorist turning error - left turn
6	0.1	112	Motorist turning error - right turn
0	0.0	113	Motorist turning error - other
2	0.0	114	Bicyclist turning error - left turn
1	0.0	115	Bicyclist turning error - right turn
0	0.0	116	Bicyclist turning error - other
0	0.0	121	Bicyclist lost control - mechanical problems
4	0.1	122	Bicyclist lost control - oversteering, improper braking, speed
0	0.0	123	Bicyclist lost control - Alcohol/drug impairment
1	0.0	124	Bicyclist lost control - Surface conditions
6	0.1	129	Bicyclist lost control - Other/unknown
0	0.0	131	Motorist lost control - Mechanical problems
3	0.1	132	Motorist lost control - Oversteering, improper braking, speed
1	0.0	133	Motorist lost control - Alcohol/drug impairment
1	0.0	134	Motorist lost control - Surface conditions
5	0.1	139	Motorist lost control - Other/unknown
4	0.1	141	Motorist drive-out dign-controlled intersection
18	0.3	142	Bicyclist ride-out dign-controlled intersection
3	0.1	143	Motorist drive-through-sign-controlled intersection
42	0.8	144	Bicyclist ride-through-sign-controlled intersection
1	0.0	147	Multiple threat - sign-controlled intersection
1	0.0	148	Sign-controlled intersection - other/unknown
2	0.0	151	Motorist drive-out - right turn on red
2	0.0	152	Motorist drive-out - signalized intersection
9	0.2	153	Bicyclist - ride-out - signalized intersection
3	0.1	154	Motorist drive-through - signalized intersection
28	0.5	155	Bicyclist ride-through - signalized intersection
0	0.0	156	Bicyclist failed to clear - trapped
1	0.0	157	Bicyclist failed to clear - multiple threat
3	0.1	158	Signalized Intersection - other/unknown
0	0.0	159	Bicyclist failed to clear - unknown
9	0.2	160	Crossing paths - uncontrolled intersection

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Variable 779:BICYCLIST CRASH TYPE (Continued)

3Nov2011	Prcnt	Code	Value and Description
13	0.2	180	Crossing paths - intersection - other/unknown
9	0.2	211	Motorist left turn - same direction
12	0.2	212	Motorist left turn - opposite direction
8	0.1	213	Motorist right turn - same direction
6	0.1	214	Motorist right turn - opposite direction
0	0.0	215	Motorist drive-in/out - parking
0	0.0	216	Bus/delivery vehicle pullover
1	0.0	217	Motorist right turn on red - same direction
0	0.0	218	Motorist right turn on red - opposite direction
2	0.0	219	Motorist right turn on red - other/unknown
38	0.7	221	Bicyclist left turn - same direction
5	0.1	222	Bicyclist left turn - opposite direction
9	0.2	223	Bicyclist right turn - same direction
3	0.1	224	Bicyclist right turn - opposite direction
8	0.1	225	Bicyclist ride-out - parallel path
46	0.8	231	Motorist overtaking - undetected bicyclist
22	0.4	232	Motorist overtaking - misjudged space
14	0.3	235	Motorist overtaking - bicyclist swerved
81	1.5	239	Motorist overtaking - other/unknown
1	0.0	241	Bicyclist overtaking - passing on right
0	0.0	242	Bicyclist overtaking - passing on left
0	0.0	243	Bicyclist overtaking - parked vehicle
1	0.0	244	Bicyclist overtaking - extended door
0	0.0	249	Bicyclist overtaking - other/unknown
17	0.3	250	Head-on - bicyclist
5	0.1	255	Head-on - motorist
0	0.0	259	Head-on - unknown
60	1.1	280	Parallel paths - other/unknown
7	0.1	311	Bicyclist ride-out - residential driveway
4	0.1	312	Bicyclist ride-out - commercial driveway/alley
24	0.4	318	Bicyclist ride-out - other midblock
9	0.2	319	Bicyclist ride-out - unknown
0	0.0	321	Motorist drive-out - residential driveway
3	0.1	322	Motorist drive-out - commercial driveway/alley
0	0.0	328	Motorist drive-out - other midblock
0	0.0	329	Motorist drive-out - midblock - unknown
0	0.0	357	Multiple threat - midblock
11	0.2	380	Crossing paths - midblock - other/unknown
0	0.0	400	Bicycle only
0	0.0	510	Motorist intentionally caused
0	0.0	520	Bicyclist intentionally caused
0	0.0	600	Backing vehicle
2	0.0	700	Play vehicle-related
2	0.0	800	Unusual circumstances
7	0.1	910	Non-roadway
39	0.7	970	Unknown approach paths
11	0.2	980	Unknown location
73	1.3	999	Missing data

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist

<u>Variable 780</u>	<u>BICYCLIST CRASH GROUP</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## NHTSA SAS Variable - BIKECGP

categorizes the bicyclist crash types described by the element  
Crash Type - Bicyclist.

3Nov2011 Prcnt      Code Value and Description

4736	86.9	0	Not a cyclist
34	0.6	110	Loss of control/turning error
7	0.1	140	Motorist failed to yield - sign-controlled intersection
61	1.1	145	Bicyclist failed to yield - sign-controlled intersection
7	0.1	150	Motorist failed to yield - signalized intersection
38	0.7	158	Bicyclist failed to yield - signalized intersection
37	0.7	190	Crossing paths - other circumstances
21	0.4	210	Motorist left turn/merge
15	0.3	215	Motorist right turn/merge
0	0.0	219	Parking/bus-related
43	0.8	220	Bicyclist left turn/merge
12	0.2	225	Bicyclist right turn/merge
163	3.0	230	Motorist overtaking bicyclist
2	0.0	240	Bicyclist overtaking motorist
22	0.4	258	Head-on
70	1.3	290	Parallel paths - other circumstances
44	0.8	310	Bicyclist failed to yield - midblock
3	0.1	320	Motorist failed to yield - midblock
0	0.0	600	Backing vehicle
4	0.1	850	Other/unusual circumstances
7	0.1	910	Non-roadway
50	0.9	990	Other/unknown - insufficient details
73	1.3	999	Missing data

<u>Variable 781</u>	<u>BICYCLIST DIRECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## NHTSA SAS Variable - BIKEDIR

3Nov2011 Prcnt      Code Value and Description

384	7.0	1	With traffic
123	2.3	2	Facing traffic
80	1.5	3	Not applicable
4736	86.9	7	Not a cyclist
126	2.3	9	Unknown



FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist

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Variable 782	BICYCLIST LOCATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - BIKELOC

Crash Location - Bicyclist

3Nov2011	Prcnt	Code	Value and Description
209	3.8	1	Intersection
42	0.8	2	Intersection-related
371	6.8	3	Nonintersection
7	0.1	4	Non-Roadway
4736	86.9	7	Not a cyclist
84	1.5	9	Unknown/insufficient information

Variable 783	BICYCLIST POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BIKEPOS

3Nov2011	Prcnt	Code	Value and Description
442	8.1	1	Travel lane
78	1.4	2	Bike lane/paved shoulder
68	1.2	3	Sidewalk/crosswalk/driveway crossing
8	0.1	4	Multi-use path
3	0.1	5	Driveway/alley
4	0.1	6	Non-roadway
4736	86.9	7	Not a cyclist
13	0.2	8	Other
97	1.8	9	Unknown



The NONMOTORIST AUXILIARY Variables

Variables 784 through 801 describe characteristics of persons involved in the crash and are derived by NHTSA. They are included in the Vehicle, Occupant and Nonmotorist data sets.

Variable 784	AUX: NMT AGE GROUP 1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - A\_AGE1

Age Group 1

3Nov2011	Prcnt	Code	Value and Description
450	8.3	1	0 - 15 years old
747	13.7	2	16 - 24 years old
2459	45.1	3	25 - 54 years old
1765	32.4	4	55+ years old
28	0.5	5	Unknown

Variable 785	AUX: NMT AGE GROUP 2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE2

3Nov2011	Prcnt	Code	Value and Description
450	8.3	1	0 - 15 years old
387	7.1	2	16 - 20 years old
360	6.6	3	21 - 24 years old
737	13.5	4	25 - 34 years old
3487	64.0	5	35+ years old
28	0.5	6	Unknown

Variable 786	AUX: NMT AGE GROUP 3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE3

3Nov2011	Prcnt	Code	Value and Description
93	1.7	1	0 - 3 years old
90	1.7	2	4 - 7 years old
134	2.5	3	8 - 12 years old
133	2.4	4	13 - 15 years old
387	7.1	5	16 - 20 years old
360	6.6	6	21 - 24 years old

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist Auxiliary

Variable 786:AUX: NMT AGE GROUP 3 (Continued)

3Nov2011 Prcnt Code Value and Description

737	13.5	7	25 - 34 years old
715	13.1	8	35 - 44 years old
1007	18.5	9	45 - 54 years old
779	14.3	10	55 - 64 years old
453	8.3	11	65 - 74 years old
533	9.8	12	75+ years old
28	0.5	13	Unknown

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Variable 787	AUX: NMT AGE GROUP 4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE4

3Nov2011 Prcnt Code Value and Description

450	8.3	1	Less than 16 years old
387	7.1	2	16 - 20 years old
360	6.6	3	21 - 24 years old
737	13.5	4	25 - 34 years old
715	13.1	5	35 - 44 years old
1786	32.8	6	45 - 64 years old
986	18.1	7	65+ years old
28	0.5	8	Unknown

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Variable 788	AUX: NMT AGE GROUP 5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE5

Age Group 5

3Nov2011 Prcnt Code Value and Description

450	8.3	1	Less than 16 years old
387	7.1	2	16 - 20 years old
360	6.6	3	21 - 24 years old
737	13.5	4	25 - 34 years old
715	13.1	5	35 - 44 years old
1007	18.5	6	45 - 54 years old
779	14.3	7	55 - 64 years old
453	8.3	8	65 - 74 years old
533	9.8	9	75+ years old
28	0.5	10	Unknown

FATALITY ANALYSIS REPORTING SYSTEM  
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Variable 789	AUX: NMT AGE GROUP 6	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE6

3Nov2011	Prcnt	Code	Value and Description
392	7.2	1	Less than 15 years old
445	8.2	2	15 - 20 years old
360	6.6	3	21 - 24 years old
737	13.5	4	25 - 34 years old
715	13.1	5	35 - 44 years old
1007	18.5	6	45 - 54 years old
779	14.3	7	55 - 64 years old
453	8.3	8	65 - 74 years old
533	9.8	9	75+ years old
28	0.5	10	Unknown

Variable 790	AUX: NMT AGE GROUP 7	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE7

3Nov2011	Prcnt	Code	Value and Description
120	2.2	1	Less than 5 years old
112	2.1	2	5 - 9 years old
218	4.0	3	10 - 15 years old
387	7.1	4	16 - 20 years old
360	6.6	5	21 - 24 years old
737	13.5	6	25 - 34 years old
715	13.1	7	35 - 44 years old
1007	18.5	8	45 - 54 years old
779	14.3	9	55 - 64 years old
453	8.3	10	65 - 74 years old
533	9.8	11	>74 years old
28	0.5	12	Unknown

Variable 791	AUX: NMT AGE GROUP 8	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE8

3Nov2011	Prcnt	Code	Value and Description
741	13.6	1	Less than 20 years old
858	15.7	2	20 - 29 years old
695	12.8	3	30 - 39 years old
853	15.7	4	40 - 49 years old
967	17.7	5	50 - 59 years old
1307	24.0	6	>59 years old
28	0.5	7	Unknown

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist Auxiliary

<u>Variable 792</u>	<u>AUX: NMT AGE GROUP 9</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_AGE9

3Nov2011 Prcnt      Code Value and Description

450	8.3	1	Less than 16 years old
4971	91.2	2	16+ years old
28	0.5	3	Unknown

<u>Variable 793</u>	<u>AUX: NMT ALCOHOL TESTING</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_ALCTES

3Nov2011 Prcnt      Code Value and Description

1942	35.6	1	No alcohol
1317	24.2	2	Positive BAC
1544	28.3	3	Not tested
179	3.3	4	Tested, with unknown results
467	8.6	5	Unknown if tested

<u>Variable 794</u>	<u>AUX: NMT EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_EJECT

3Nov2011 Prcnt      Code Value and Description

5449	100.0	1	Not ejected
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<u>Variable 795</u>	<u>AUX: NMT HISPANIC ORIGIN</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_HISP

3Nov2011 Prcnt      Code Value and Description

400	7.3	0	Not applicable or not available
2843	52.2	1	Non-Hispanic
535	9.8	2	Hispanic
1671	30.7	3	Unknown

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist Auxiliary

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Variable 796	AUX:NMT RACE & HISPANIC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_HRACE

Race and Hispanic - Using OMB Guidelines

3Nov2011	Prcnt	Code	Value and Description
400	7.3	0	Not applicable or not available
535	9.8	1	Hispanic
1972	36.2	2	White non-Hispanic
692	12.7	3	Black, non-Hispanic
56	1.0	4	American Indian, non-Hispanic/unknown
69	1.3	5	Asian, non-Hispanic/unknown
5	0.1	6	Pacific Islander, non-Hispanic/unknown
4	0.1	7	Multiple races, non-Hispanic/unknown
272	5.0	8	All other non-Hispanic or race
1444	26.5	9	Unknown race and unknown Hispanic

Variable 797	AUX:NONMOTORIST LOCATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_LOC

NonMotorist Location

3Nov2011	Prcnt	Code	Value and Description
1217	22.3	2	Within an intersection
3531	64.8	3	Nonintersection
637	11.7	4	Other location
64	1.2	5	Unknown or not reported

Variable 798	AUX: NMT PERSON INJ TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_PERINJ

Person Injury Type

3Nov2011	Prcnt	Code	Value and Description
5049	92.7	1	Fatal (FARS)
400	7.3	6	Survivor in fatal crash (FARS)

FATALITY ANALYSIS REPORTING SYSTEM  
2010 - Nonmotorist Auxiliary

<hr/> Variable 799	<hr/> AUX: NMT PERSON TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_PTYPE

3Nov2011	Prcnt	Code	Value and Description
4599	84.4	3	Pedestrian
640	11.7	4	Pedalcyclist
210	3.9	5	Park/work/other/unknown nonoccupants

<hr/> Variable 800	<hr/> AUX: NMT RACE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_RCAT

Race - Using OMB Guidelines

3Nov2011	Prcnt	Code	Value and Description
400	7.3	0	Not applicable or not available
2650	48.6	1	White
710	13.0	2	Black
57	1.0	3	American Indian
72	1.3	4	Asian
5	0.1	5	Pacific Islander
4	0.1	6	Mixed race
91	1.7	7	All other races
1460	26.8	8	Unknown

<hr/> Variable 801	<hr/> AUX: NMT RESTRAINT USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA AUXILIARY SAS Variable - Per\_aux.A\_REST

3Nov2011	Prcnt	Code	Value and Description
5449	100.0	3	Restraint use unknown



FARS

APPENDIX A

Code Values for Variables; 628, 630, 632, 727, 729 & 731

"Drug Test Results"



## 100-295 NARCOTICS

100	Acetaminophen + Codeine	159	Isomethadone
101	Acetorphine	160	Ketobemidone
102	Acetyl-alpha-methylfentanyl	161	Levomoramide
103	Acetyldihydrocodeine	162	Levophenacylmorphin
104	Acetylmethadol	163	Levomethorphan
105	Alfentanil	164	Levorphanol Tartrate
106	Allylprodine	165	Meperidine (Pethidine)
107	Alpha-methylfentanyl	166	Metazocine
108	Alpha-methylthiofentanyl	167	Methadone
109	Alphameprodine	168	Methyl-desorphan
110	Alphamethadol	169	Methyldihydromorphine
111	Alphaprodine	170	Methylfentanyl
112	Anileridine	171	Methylphenylpropionoxypiperidine (MPPP)
113	APC + Codeine	172	Metopon
114	Aspirin + Codeine	173	Moramide
115	Benzethidine	174	Morpheridine
116	Benzitramide	175	Morphine methylsulfonate
117	Benzylmorphine	176	Morphine methylbromide
118	Beta-hydroxyfentanyl	177	Morphine
119	Betacetylmethadol	178	Myrophine
120	Betameprodine	179	Nalorphine
121	Betamethadol	180	Nicocodeine
122	Betaprodine	181	Nicomorphine
123	Bezitramide	182	Noracymethadol
124	Buprenorphine	183	Norlevorphanol
125	Carfentanil	184	Normethadone
126	Clonitazene	185	Normorphine
127	Codeine methylbromide	186	Norpipanone
128	Codeine	187	Opium
129	Cyprenorphine	188	Oxymorphone
130	Desomorphine	189	Oxycodone
131	Dextromoramide	190	Parafluorofentanyl
132	Diacetylmorphine	191	Paregoric
133	Diampromide	192	Parepectolin
134	Diethylthiambutene	193	Pentazocine
135	Difenoxin	194	Pethidine (Meperidine)
136	Dihydrocodeine	195	Phenadoxone
137	Dihydroetorphine	196	Phenampromide
138	Dimenoxadol	197	Phenanthrene
139	Dimepheptanol	198	Phenazocine
140	Dimethylthiambutene	199	Phenomorphin
141	Dioxaphetyl Butyrate	200	Phenoperidine
142	Diphenoxylate	201	Phenylacetyloxypiperidine (PEPAP)
143	Dipipanone	202	Pholcodine
144	Drotebanol	203	Piminodine
145	Diprenorphine Hydrochloride	204	Piritramide
146	Ethylmethylthiambutene	205	Proheptazine
147	Ethylmorphine	206	Properidine
148	Etonitazene	207	Propiram
149	Etorphine	208	Propoxyphene
150	Etixeridine	209	Racemethorphan
151	Fentanyl	210	Racemoramide
152	Fiorinal + Codeine	211	Racemorphin
153	Furethidine	212	Sulfentanil
154	Heroin	213	Thebacon
155	Hydrocodone	214	Thebaine
156	Hydromorphanol	215	Thiofentanyl
157	Hydromorphone	216	Tilidine
158	Hydroxypethidine	217	Trimeperidine
		218	Butorphanol
		220	Alphacetylmethadol
		221	Beta-Hydroxy-3-methylfentanyl

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**Drugs by Category Type**


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222	Codeine & isoquinoline	308	Butalbitol
223	Codeine-N-oxide	309	Camazepam
224	Dextropropoxyphene	310	Carbamate
225	Difennoxin	311	Chloral betaine
226	Dihydroetorphine	312	Chloralhydrate
227	Diprenorphine	313	Chlordiazepoxide
228	Levo-alphaacetylmethadol	314	Chlorhexadol
229	Levorphanol	315	Clobazam
230	Methylthiofentanyl	316	Clonazepam
231	Morphine-N-oxide	317	Clorazepate Dipotassium
232	Opium extract	318	Clotiazepam
233	Opium fluid extract	319	Cloxazolam
234	Opium Poppy	320	Delorazepam
235	Opium Tincture	321	Diazepam
236	Phenylethyl-phenyl-acetoxypiperidine	322	Estazolam
237	Poppy Straw	323	Ethchlorvynol
238	Poppy Straw Concentrate	324	Ethinamate
239	Remifentanil	325	Ethyl Ioflazepate
240	Codeine combination product 90 mg/du	326	Fiorinal
241	Codeine preparations - 200 mg/100 ml or 100 gm	327	Fludiazepam
242	Difenoxin 1 mg/25ug AtSO4/du	328	Flunitrazepam
243	Difenoxin preparations-0.5 mg/25 ug AtSO4/du	329	Flurazepam Hydrochloride
244	Dihydrocodeine combination product 90 mg/du	330	Glutethimide
245	Dihydrocodeine preparations 10 mg/100 ml or 100 gm	331	Halazepam
246	Diphenoxylate preparations 2.5 mg/25 ug AtSO4	332	Haloxazolam
247	Ethylmorphine combination product 15 mg/du	333	Hexobarbital
248	Ethylmorphine preparations 100 mg/100 ml or 100 gm	334	Hydroxizine
249	Hydrocodone & isoquinoline alkaloid<15 mg/du	335	Ketazolam
250	Hydrocodone combination product<15 mg/du	336	Loprazolam
251	Meperidine intermediate-A	337	Lorazepam
252	Meperidine intermediate-B	338	Lormetazepam
253	Meperidine intermediate-C	339	Mebutamate
254	Methadone intermediate	340	Mecloqualone
255	Morphine combination product/ 50 mg/100 ml or gm	341	Medazepam
256	Opium combination product 25 mg/du	342	Mephobarbital (Methylphenobarbital)
257	Opium preparations - 100 mg/ 100 ml or/100 gm	343	Meprobamate
258	Opium, granulated	344	Methaqualone
259	Opium, powdered	345	Metharbital
260	Oripavine	346	Methohexital
295	"Narcotics, Type Unknown"	347	Methypylon
<b>300-395 DEPRESSANTS</b>		348	Midazolam
300	Alprazolam	349	Nimetazepam
301	Amobarbital	350	Nitrazepam
302	Barbitol	351	Nordiazepam
303	Barbiturates	352	Oxazepam
304	Benzodiazepines	353	Oxazolam
305	Benzylfentanyl	354	Paraldehyde
306	Bromazepam	355	Pentobarbital
307	Butobarbital	356	Petrichloral
		357	Phencyclohexylamine
		358	Phenobarbital
		359	Pinazepam
		360	Prazepam
		361	Quazepam
		362	Secobarbital
		363	Sulfondiethylmethane
		364	Sulfonethylmethane
		365	Sulfonmethane
		366	Talbutal
		367	Temazepam
		368	Tetrazepam
		369	Thenylfentanyl

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**Drugs by Category Type**


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370 Thiamylal  
 371 Thiopental (Pentothal)  
 372 Tiletamine  
 373 Triazolam  
 374 Tybamate  
 375 Zolazepam (Telazol)  
 376 Carisoprodol  
 377 Gamma Hydroxybutyric (GHB)  
 378 Amobarbital & non-controlled  
 active ingred.  
 379 Aprobarrbital  
 380 Barbituric Acid Derivative  
 382 Clorazepate  
 383 Dexfenfluramine  
 384 Flurazepam  
 385 Sibutramine  
 386 Zaleplon  
 387 Zolpidem  
 388 Amobarbital suppository dosage form  
 389 Butobarbital (butethal)  
 390 Embutramide  
 391 Gamma Hydroxybutyric Acid  
 preparations  
 393 Pentobarbital & noncontrolled  
 active ingred.  
 394 Pentobarbital suppository dosage  
 form  
 395 "Depressants, Type Unknown"  
 396 Pregabalin  
 397 Secobarbital & noncontrolled  
 active ingred.  
 398 Secobarbital suppository dosage  
 form  
 399 Zopiclone

**400-495 STIMULANTS**

400 Amphetamine Sulfate  
 401 Amphetamine  
 402 Benzoyllecgonine  
 403 Benzphetamine  
 404 Cathine (Norpseudoephedrine)  
 405 Chlorphentermine  
 406 Clortermine  
 407 Cocaine  
 408 Dextroamphetamine  
 409 Diethylpropion  
 410 Ecgonine  
 411 Fencamfamin  
 412 Fenethylline  
 413 Fenfluramine  
 414 Fenproporex  
 415 Mazindol  
 416 Mefenorex  
 417 Methamphetamine  
 418 Methylphenidate  
 419 N-ethylamphetamine  
 420 Pemoline  
 421 Phendimetrazine  
 422 Phenmetrazine  
 423 Phentermine  
 424 Pipradrol

425 Propylhexedrine  
 426 Pyrovalerone  
 427 SPA  
 428 Aminorex  
 429 Cathinone  
 430 Coca Leaves  
 431 Dichloralphenazone  
 432 Methcathinone  
 433 Modafinil  
 434 Vinbarbital  
 435 Methylone  
 436 Lisdexamfetamine  
 437 Methoxy-Methylenedioxyamphetamine  
 438 N, N-Dimethylamphetamine  
 439 N-Benzylpiperazine  
 440 Stimulant compounds previously  
 excepted  
 495 "Stimulants, Type Unknown"

**500-595 HALLUCINOGENS**

500 Amphetamine Variants  
 501 Bufotenine  
 503 Diethyltryptamine (DET)  
 504 Dimethoxyamphetamine (DOM)  
 505 Dimethyltryptamine (DMT)  
 506 DMA  
 507 Dronabinol  
 508 Ethyl-pipirdylbenzilate  
 509 Ibogaine  
 510 LSD  
 511 Lysergic Acid  
 512 Mescaline  
 513 Methylenedioxymetham-phetamine (MDMA)  
 514 Methoxyamphetamine (PMA)  
 515 Methylenedioxyamphetamine (MDA)  
 516 Nabilone  
 517 Peyote  
 518 Phenylacetone (P2P)  
 519 Psilocybin  
 520 Psilocyn  
 521 Trimethoxy amphetamine  
 522 Ketamine  
 523 Alpha-Ethyltryptamine  
 524 Bromo-dimethoxyamphetamine  
 525 Bromo-dimethoxyphenethylamine  
 527 Lysergic Acid Amide  
 528 Lysergic Acid Diethylamide  
 529 Methylaminorex  
 530 Methyl-dimethoxyamphetamine  
 531 Methylenedioxy-N-ethylamphetamine  
 532 Dimethylamphetamine  
 533 Ethyl-phenylcyclohexylamine  
 534 Alpha-methyltryptamine  
 535 Dimethoxyethylamphetamine  
 536 Dimethoxy- (n) -propylthiophenethylamine  
 537 Methoxy-NNdiisopropyltryptamine  
 538 N-Hydroxymethylenedioxyamphetamine  
 539 N-Methylpiperidyl benzilate  
 595 "Hallucinogens, Type Unknown"

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**Drugs by Category Type**

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**600-695 CANNABINOID**

600 Delta 9  
601 Hashish Oil  
602 Hashish  
603 Marijuana/Marihuana  
604 Marinol  
605 Tetrahydrocannabinols  
606 THC  
695 "Cannabinoid, Type Unknown"

**700-795 PCP**

700 Ethylamine  
701 Parahexyl (Synhexyl)  
702 Phencyclidine  
703 Phencyclidine Analogs  
704 Phenylcyclohexylamine  
705 Piperidinocyclohexane-carbonitrile (PCC)  
706 "Pyrrolidine (PCPy, PHP, TCPy)"  
707 Thiophen  
708 Thienylcyclohexyl]piperidine  
709 Phenylcyclohexyl-Pyrrolidine  
710 Thienyl Cyclohexyl Pyrrolidine  
795 "PCP, Type Unknown"

**800-895 ANABOLIC STEROIDS**

800 Boldenone  
801 Chlorotestosterone  
802 Chlostebol  
803 Dehydrochlormethyltestosterone  
804 Dihydrotestosterone  
805 Drostanolone  
806 Ethylestrenol  
807 Fluoxymesterone  
808 Formebolone (Formebolone)  
809 Mesterolone  
810 Methandienone  
811 Methandranone  
812 Methandriol  
813 Methandrostenolone  
814 Methenolone  
815 Methyltestosterone  
816 Mibolerone  
817 Nandrolone  
818 Norethandrolone  
819 Oxandrolone  
820 Oxymesterone  
821 Oxymetholone  
822 Stanolone  
823 Stanozolol  
824 Testolactone  
825 Testosterone  
826 Trenbolone  
827 Clostebol  
828 Alpha, Beta-dihydroxy-alphaandrostane  
829 Alpha-methyl-alpha-betadihydroxy-alpha-androstane

830 Alpha-methyl-beta-betadihydroxy-alpha-androstane  
831 Alpha-methyl-beta-betadihydroxy-androstene  
832 Alpha-methyl-delta 1-dihydrotestosterone  
833 Alpha-methyl-hydroxynandrolone  
834 Androstenedione  
835 Androstenediol  
836 Androstenedione  
837 Beta, beta-dihydroxy-alphaandrostane  
838 Bolasterone  
839 Calusterone  
840 Delta 1-dihydrotestosterone  
841 Furazabol  
842 Hydroxy-Nortestosterone  
843 Hydroxytestosterone  
844 Mestanolone  
845 Methyldienolone  
846 Methyltrienolone  
847 Norandrostenediol  
848 Norandrostenedione  
849 Norbolethone  
850 Norclostebol  
851 Normethandrolone  
852 Stenbolone  
853 Tetrahydrogestrinone  
895 Anabolic Steroid, Type Unknown

**900-995 INHALANT**

900 Volatile Solvents (toluene)  
901 Plastic Cement (airplane glue)  
902 Paint and Paint Removers  
903 "Petroleum Products (gasoline, kerosene)"  
904 Lacquer Thinners  
920 Anesthetic Gases  
921 Amyl Nitrite  
923 Butly Nitrite  
924 Nitrous Oxide  
925 Ether  
926 Chloroform  
940 Aerosols (hydrocarbon)  
941 Hair spray  
942 Insecticides  
943 Glass Chillers  
944 Frying Pan Lubricants  
995 "Inhalants, Type Unknown"  
  
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997 Tested; Results unknown  
998 Tested; Drugs Found; type  
999 Unknown If Tested For Drugs

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