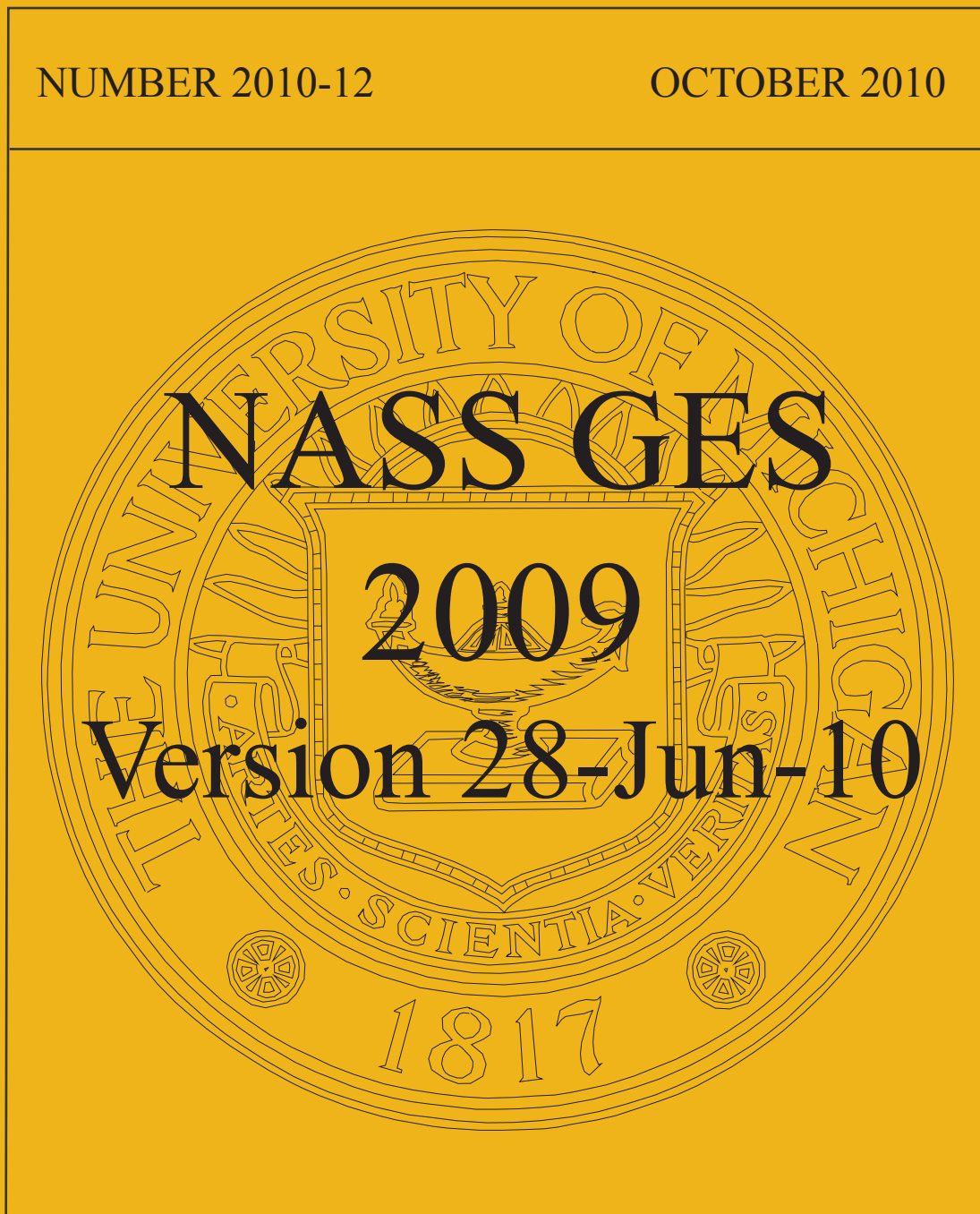


Transportation Data Center
Data Set Codebook

NUMBER 2010-12

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The University of Michigan
Transportation Research Institute

NASS General Estimates Systems (GES)

2009 Codebook - Version 28Jun10

Introduction

This codebook documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 2009. The data sets were generated by the Transportation Data Center at the University of Michigan's Transportation Research Institute (UMTRI) from data collected by the National Center for Statistics and Analysis (NCSA) of the National Highway Traffic Safety Administration (NHTSA). The cooperation of NHTSA is gratefully acknowledged. These data are a copy of the NHTSA files released on June 28, 2010.

The data are a sample of the 2009 motor vehicle accidents for which candidate accidents were chosen with varying probabilities according to a scheme detailed in the Users Manual.¹ Accident reports chosen for inclusion represent accidents of all types with personal injuries ranging from minor to serious that were drawn from geographic areas reflecting the geography, roadway mileage, population, and traffic densities typical of the continental United States.

The data set supplied by NHTSA is relational in structure with a number of separate relations that describe accident parameters, vehicles and drivers, and persons (i.e., occupants and nonmotorists). This structure has been reformatted into a set of four rectangular files described below. A relational data set is maintained, however, and persons interested in rectangular file structures not supplied in the system data sets should contact the Data Center.

¹ National Center for Statistics and Analysis, National Automotive Sampling System (NASS) GENERAL ESTIMATES SYSTEM (GES), Analytical User's Manual, 1988 - 2009 File.

In the 2009 GES file there are 186 vehicles with no occupants and these vehicles are not represented in the Occupant level data set. Prior years of GES data had a similar number of such cases.

In 2005 NHTSA began coding not-in-transport vehicles and their occupants, if any. These vehicles include legally parked and working vehicles. To remain consistent with prior years these vehicle and occupant records are not included in the ADAAS datasets except in the Nonmotorist file.

The characteristics of the four system data sets that have been developed are presented in the table below.

Characteristics of the GES Data Sets

DATA SET	KEY	Freq	VARIABLES
Accident	GES09ACC	44,648	1-51, 71-82
Vehicle	GES09VEH	77,594	1-51, 71-82, 101-191
Occupant	GES09OCC	107,469	1-51, 71-82, 101-191, 201-235
Nonmotorist	GES09NMT	3,521	1-51, 71-82, 101-191, 201-235, 301-344

The codebook itself is divided into five sections that document the Accident, Crash Event, Vehicle & Driver, Occupant, and Nonmotorist records, respectively. The univariate frequencies and percentages displayed in each section are taken from the corresponding data set: vehicle and driver frequencies from GES07VEH, nonmotorist frequencies from GES08NMT, etc.).

An index at the end of the codebook cross references words used in the codebook by variable and code value number.

The GES investigation STRATUM (variables 29, 78, 156, 223, 323), groupings of Police Accident Reports (PARs) at the PSU, are defined as:

Group 1L - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.

Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.

Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.

Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash.

Group 1M - is used if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment.

Group 1N - is used if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved.

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.

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

General Estimates System (GES)
2009 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	CASE NUMBER	12	Alphabetic	1
2	CRASH DATE - MONTH	2	Numeric	1
3	CRASH DATE - YEAR	4	Numeric	1
4	CRASH DAY OF WEEK	1	Numeric	2
5	CRASH TIME - HOUR	2	Numeric	2
6	CRASH TIME - MINUTE	2	Numeric	3
7	NUMBER VEHICLES IN CRASH	2	Numeric	3
8	NUM NONMOTORSTS IN CRASH	2	Numeric	3
9	FIRST HARMFUL EVENT	2	Numeric	4
10	MANNER OF COLLISION	1	Numeric	6
11	INTERSTATE HIGHWAY	1	Numeric	6
12	RELATION TO JUNCTION	2	Numeric	6
13	RELATION TO ROADWAY	2	Numeric	7
14	TRAFFICWAY FLOW	1	Numeric	7
15	NUMBER OF TRAVEL LANES	1	Numeric	8
16	ROADWAY ALIGNMENT	1	Numeric	8
17	ROADWAY PROFILE	1	Numeric	8
18	ROADWAY SURFACE COND	1	Numeric	9
19	TRAFFIC CONTROL DEVICE	2	Numeric	9
20	SPEED LIMIT	2	Numeric	10
21	LIGHT CONDITION	1	Numeric	11
22	ATMOSPHERIC CONDITION	1	Numeric	11
23	SCHOOL BUS REL TO CRASH	1	Numeric	11
24	PEDESTRIAN/CYCLIST CRASH	4	Numeric	12
25	MAX INJRY SEVERITY CRASH	1	Numeric	18
26	NUM INJ PERSONS IN CRASH	2	Numeric	18
27	ALCOHOL INVOLVD IN CRASH	1	Numeric	19
28	POLICE JURISDICTION	3	Numeric	19
29	STRATUM	1	Numeric	19
30	PSU NUMBER	2	Numeric	20
31	REGION OF COUNTRY	1	Numeric	20
32	WEIGHT	7	Numeric	21
33	WORK ZONE	1	Numeric	21
34	IMP ALCOHOL INV IN CRASH	1	Numeric	21
35	IMP ROADWAY ALIGNMENT	1	Numeric	22
36	IMP FIRST HARMFUL EVENT	2	Numeric	22
37	IMP CRASH TIME - HOUR	2	Numeric	23
38	IMP LIGHT CONDITION	1	Numeric	24
39	IMP MANNER OF COLLISION	1	Numeric	24
40	IMP MAX INJ SEV IN CRASH	1	Numeric	25
41	IMP CRASH TIME - MINUTE	2	Numeric	25
42	IMP NUM INJ PER IN CRASH	2	Numeric	25
43	IMPUTED ROADWAY PROFILE	1	Numeric	26
44	IMP RELATION TO JUNCTION	2	Numeric	26
45	IMPUTED SPEED LIMIT	2	Numeric	27
46	IMP ROADWAY SURFACE COND	1	Numeric	27
47	IMP TRAFFIC CONTROL DEV	2	Numeric	27
48	IMP ATMOSPHERIC COND	1	Numeric	28
49	IMP CRASH DAY OF WEEK	1	Numeric	29
50	PSU STRATUM	2	Numeric	29

General Estimates System (GES)
2009 - Accident

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
51	NUMBER OF PARKED VEHICLE	1	Numeric	30

General Estimates System (GES)
2009 - Crash Event

Variable Number	Variable Name	Width	Storage Type	Page Number
71	CASE NUMBER	12	Alphabetic	31
72	EVENT SEQUENCE NUMBER	2	Numeric	31
73	VEHICLE NUMBER	2	Numeric	31
74	GEN AREA DAMAGE-THIS VEH	2	Numeric	32
75	VEH #-OTH VEH/OBJ CONTAC	3	Numeric	32
76	GEN AREA OF DAM- OTH VEH	2	Numeric	34
77	POLICE JURISDICTION	3	Numeric	34
78	STRATUM	1	Numeric	34
79	PSU NUMBER	2	Numeric	35
80	REGION OF COUNTRY	1	Numeric	35
81	ACTION FOR THIS EVENT	1	Numeric	36
82	WEIGHT	7	Numeric	36

General Estimates System (GES)
2009 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE NUMBER	12	Alphabetic	37
102	VEHICLE NUMBER	2	Numeric	37
103	DRIVER PRESENCE	1	Numeric	37
104	HIT-AND-RUN	1	Numeric	38
105	MAKE	2	Numeric	38
106	MAKE/MODEL	5	Numeric	40
107	MODEL YEAR	4	Numeric	72
108	BODY TYPE	2	Numeric	72
109	CARGO BODY TYPE	2	Numeric	75
110	VIN	12	Alphabetic	75
111	SPECIAL USE	2	Numeric	75
112	HAZARDOUS MATERIAL ID NO	5	Numeric	76
113	HAZARD MATERIALS PLACARD	1	Numeric	76
114	HAZARD MATERIALS RELEASE	1	Numeric	76
115	HAZ MATERIALS INVOLVEMNT	1	Numeric	77
116	HAZ MATERIALS CLASS NUM	2	Numeric	77
117	EMERGENCY USE	1	Numeric	78
118	CARRIER'S ID NUMBER	9	Numeric	78
119	NUM OCCUPANTS INV IN VEH	2	Numeric	78
120	NUMBER OF OCCUPANTS	2	Numeric	79
121	TRAVEL SPEED	3	Numeric	79
122	VEHICLE TRAILING	1	Numeric	79
123	JACKKNIFE	1	Numeric	80
124	ROLLOVER	2	Numeric	80
125	ROLLOVER LOCATION	2	Numeric	80
126	FIRE OCCURRENCE	1	Numeric	81
127	INITIAL POINT OF IMPACT	2	Numeric	81
128	DAMAGE AREA #1	1	Numeric	81
129	DAMAGE AREA #2	1	Numeric	82
130	DAMAGE AREA #3	1	Numeric	82
131	DAMAGE AREA #4	1	Numeric	82
132	DAMAGE AREA #5	1	Numeric	83
133	DAMAGE SEVERITY	1	Numeric	83
134	VEHICLE REMOVAL	1	Numeric	83
135	MOST HARMFUL EVENT	2	Numeric	84
136	MOST HARMFUL EVENT NUMBR	2	Numeric	85
137	PRIOR TO CRITICAL EVENT	2	Numeric	85
138	CRITICAL EVENT	2	Numeric	86
139	CORRECTIVE ACTION ATTEMP	2	Numeric	88
140	PRECRASH VEHICLE CONTROL	2	Numeric	88
141	PRECRASH LOCATION	2	Numeric	89
142	VEHICLE ROLE	1	Numeric	89
143	ACCIDENT TYPE	2	Numeric	89
144	SPEED RELATED	1	Numeric	92
145	ROADWAY ALIGNMENT	1	Numeric	93
146	NUMBER OF TRAVEL LANES	1	Numeric	93
147	ROADWAY PROFILE	1	Numeric	93
148	SPEED LIMIT	2	Numeric	94
149	SURFACE CONDITION	1	Numeric	94
150	TRAFFICWAY FLOW	1	Numeric	94

General Estimates System (GES)
2009 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	MAX INJ SEVERITY IN VEH	1	Numeric	95
152	NUMBER INJURED IN VEH	2	Numeric	95
153	DRIVER DRINKING IN VEH	1	Numeric	96
154	DRIVERS ZIP CODE	5	Numeric	96
155	POLICE JURISDICTION	3	Numeric	96
156	STRATUM	1	Numeric	96
157	PSU NUMBER	2	Numeric	97
158	REGION OF COUNTRY	1	Numeric	97
159	WEIGHT	7	Numeric	98
160	IMPUTED BODY TYPE	2	Numeric	98
161	IMPUTED HIT-AND-RUN	1	Numeric	100
162	IMP INIT POINT OF IMPACT	2	Numeric	101
163	IMPUTED VEHICLE MANEUVER	2	Numeric	101
164	IMPUTED MODEL YEAR	4	Numeric	102
165	IMP MAX INJ SEV IN VEH	1	Numeric	102
166	IMP NUM INJURED IN VEH	2	Numeric	102
167	IMP VIOLATIONS CHARGED	2	Numeric	103
168	IMPUTED VEHICLE ROLE	1	Numeric	105
169	IMP ALCOHOL INVLD IN VEH	1	Numeric	106
170	IMP MOST HARMFUL EVENT	2	Numeric	106
171	TRAFFIC CONTRL DEVICE #1	2	Numeric	107
172	TRAFFIC CONTRL DEVICE #2	2	Numeric	108
173	TRAFFIC CONTRL DEVICE #3	2	Numeric	109
174	TRAFFIC CONTRL DEVICE #4	2	Numeric	110
175	DRVR MANEUVER TO AVOID#1	2	Numeric	110
176	DRVR MANEUVER TO AVOID#2	2	Numeric	111
177	VEHICLE CONTRIB FACTOR#1	2	Numeric	111
178	VEHICLE CONTRIB FACTOR#2	2	Numeric	112
179	VEHICLE CONTRIB FACTOR#3	2	Numeric	112
180	VEHICLE CONTRIB FACTOR#4	2	Numeric	112
181	DRV VISION OBSCURED BY#1	2	Numeric	113
182	VISION OBSCURED BY #2	2	Numeric	113
183	VISION OBSCURED BY #3	2	Numeric	114
184	DRIVER DISTRACTED BY #1	2	Numeric	114
185	DRIVER DISTRACTED BY #2	2	Numeric	114
186	DRIVER DISTRACTED BY #3	2	Numeric	115
187	DRIVER VIOLATIONS CHGD#1	2	Numeric	115
188	DRIVER VIOLATIONS CHGD#2	2	Numeric	118
189	DRIVER VIOLATIONS CHGD#3	2	Numeric	120
190	DRIVER VIOLATIONS CHGD#4	2	Numeric	121
191	DRIVER VIOLATIONS CHGD#5	2	Numeric	123

General Estimates System (GES)
2009 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	12	Alphabetic	125
202	VEHICLE NUMBER	2	Numeric	125
203	OCCUPANT NUMBER	2	Numeric	125
204	OCCUPANT TYPE	2	Numeric	126
205	OCCUPANT SEATING POSITION	2	Numeric	126
206	OCC RESTRAINT SYSTEM USE	1	Numeric	127
207	AIRBAG DEPLOYED	2	Numeric	128
208	OCCUPANT EJECTION	1	Numeric	128
209	OCCUPANT AGE	3	Numeric	128
210	OCCUPANT SEX	1	Numeric	129
211	OCCUPANT INJURY SEVERITY	1	Numeric	129
212	TAKEN TO HOSP/TREATMENT	1	Numeric	130
213	POLICE REPORTED ALC INV	1	Numeric	130
214	ALCOHOL TEST STATUS	1	Numeric	130
215	ALCOHOL TEST TYPE	2	Numeric	130
216	ALCOHOL TEST RESULT	2	Numeric	131
217	POLICE REPORTED DRUG INV	1	Numeric	131
218	DRUG TEST STATUS	1	Numeric	132
219	DRUG TEST TYPE	2	Numeric	132
220	DRUG TEST RESULT	1	Numeric	132
221	FILLER	2	Numeric	133
222	POLICE JURISDICTION	3	Numeric	133
223	STRATUM	1	Numeric	133
224	PSU NUMBER	2	Numeric	134
225	REGION OF COUNTRY	1	Numeric	134
226	WEIGHT	7	Numeric	134
227	IMPUTED OCCUPANT AGE	3	Numeric	135
228	IMP PAR ALC INVOLVEMENT	1	Numeric	135
229	IMPUT OCCUPANT EJECTION	1	Numeric	135
230	IMP OCC INJURY SEVERITY	1	Numeric	136
231	IMP OCC SEATING POSITION	2	Numeric	136
232	IMPUTED OCCUPANT SEX	1	Numeric	137
233	PHYSICAL IMPAIRMENT #1	2	Numeric	137
234	PHYSICAL IMPAIRMENT #2	2	Numeric	138
235	PHYSICAL IMPAIRMENT #3	2	Numeric	138

General Estimates System (GES)
2009 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	12	Alphabetic	139
302	NMTR STRIKING VEH NUMBER	2	Numeric	139
303	NONMOTORIST NUMBER	2	Numeric	139
304	NONMOTORIST TYPE	2	Numeric	140
305	FILLER	2	Numeric	140
306	FILLER	1	Numeric	140
307	FILLER	2	Numeric	140
308	FILLER	1	Numeric	140
309	NONMOTORIST AGE	3	Numeric	140
310	NONMOTORIST SEX	1	Numeric	141
311	NONMOTORIST INJ SEVERITY	1	Numeric	141
312	TAKEN TO HOSP/TREATMENT	1	Numeric	141
313	PAR ALCOHOL INVOLVEMENT	1	Numeric	141
314	ALCOHOL TEST GIVEN	1	Numeric	142
315	ALCOHOL TEST TYPE	2	Numeric	142
316	ALCOHOL TEST RESULT	2	Numeric	142
317	PAR DRUG INVOLVEMENT	1	Numeric	143
318	DRUG TEST GIVEN	1	Numeric	143
319	DRUG TEST TYPE	2	Numeric	143
320	DRUG TEST RESULT	1	Numeric	144
321	NONMOTORIST LOCATION	2	Numeric	144
322	POLICE JURISDICTION	3	Numeric	145
323	STRATUM	1	Numeric	145
324	PSU NUMBER	2	Numeric	146
325	REGION OF COUNTRY	1	Numeric	146
326	WEIGHT	7	Numeric	146
327	IMPUTED NONMOTORIST AGE	3	Numeric	146
328	IMP PAR ALC INVOLVEMENT	1	Numeric	147
329	FILLER	1	Numeric	147
330	INJURY SEVERITY	1	Numeric	147
331	FILLER	2	Numeric	147
332	IMPUTED NONMOTORIST SEX	1	Numeric	147
333	PHYSICAL IMPAIRMENT #1	2	Numeric	148
334	PHYSICAL IMPAIRMENT #2	2	Numeric	148
335	NONMOTORIST ACTION #1	2	Numeric	149
336	NONMOTORIST ACTION #2	2	Numeric	149
337	NONMOTORIST ACTION #3	2	Numeric	150
338	NONMOTORIST ACTION #4	2	Numeric	150
339	NONMOTORIST ACTION #5	2	Numeric	151
340	BICYCLE TRAF CTRL DEV #1	2	Numeric	151
341	BICYCLE TRAF CTRL DEV #2	2	Numeric	152
342	SAFETY EQUIPMENT USED #1	2	Numeric	153
343	SAFETY EQUIPMENT USED #2	2	Numeric	153
344	SAFETY EQUIPMENT USED #3	2	Numeric	154

The ACCIDENT Variables

Variables 1 through 33 describe the crash. They are included in the Accident, Vehicle, Occupant and Nonmotorist data sets. The Accident data set contains these variables and no others.

Variable 1	CASE NUMBER	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASENUM

Variable 2	CRASH DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MONTH

2009 Prcnt		Code	Value and Description
4121	9.2	1	January
3380	7.6	2	February
3620	8.1	3	March
3486	7.8	4	April
3911	8.8	5	May
3663	8.2	6	June
3676	8.2	7	July
3754	8.4	8	August
3570	8.0	9	September
3915	8.8	10	October
3628	8.1	11	November
3924	8.8	12	December

Variable 3	CRASH DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - YEAR

2009 Prcnt		Code	Value and Description
44648	100.0	2009	2009

Variable 4	CRASH DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAY_WEEK

2009	Prcnt	Code	Value and Description
4766	10.7	1	Sunday
6394	14.3	2	Monday
6452	14.5	3	Tuesday
6784	15.2	4	Wednesday
6740	15.1	5	Thursday
7349	16.5	6	Friday
6163	13.8	7	Saturday

Variable 5	CRASH TIME - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HOUR

Crash time - hour

2009	Prcnt	Code	Value and Description
906	2.0	0	12:01 am - 12:59 am
823	1.8	1	1:00 am - 1:59 am
885	2.0	2	2:00 am - 2:59 am
666	1.5	3	3:00 am - 3:59 am
511	1.1	4	4:00 am - 4:59 am
678	1.5	5	5:00 am - 5:59 am
1256	2.8	6	6:00 am - 6:59 am
2139	4.8	7	7:00 am - 7:59 am
2174	4.9	8	8:00 am - 8:59 am
1852	4.1	9	9:00 am - 9:59 am
1927	4.3	10	10:00 am - 10:59 am
2205	4.9	11	11:00 am - 11:59 am
2607	5.8	12	12:00 pm - 12:59 pm
2601	5.8	13	1:00 pm - 1:59 pm
2981	6.7	14	2:00 pm - 2:59 pm
3404	7.6	15	3:00 pm - 3:59 pm
3257	7.3	16	4:00 pm - 4:59 pm
3364	7.5	17	5:00 pm - 5:59 pm
2574	5.8	18	6:00 pm - 6:59 pm
1968	4.4	19	7:00 pm - 7:59 pm
1685	3.8	20	8:00 pm - 8:59 pm
1575	3.5	21	9:00 pm - 9:59 pm
1309	2.9	22	10:00 pm - 10:59 pm
1064	2.4	23	11:00 pm - 11:59 pm
237	0.5	99	Unknown

Variable 6	CRASH TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MINUTE

Crash time - minute

2009	Prcnt	Code	Value and Description
3048	6.8	0	- Minute
417	0.9	59	
237	0.5	99	Unknown

Variable 7	NUMBER VEHICLES IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH_INVL

Number of vehicles involved

2009	Prcnt	Code	Value and Description
16400	36.7	1	1 vehicle
24524	54.9	2	2 vehicles
2985	6.7	3	3 vehicles
569	1.3	4	4 vehicles
124	0.3	5	5 vehicles
33	0.1	6	6 vehicles
8	0.0	7	7 vehicles
4	0.0	8	8 vehicles
1	0.0	9	9 vehicles

Variable 8	NUM NONMOTORSTS IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NON_INVL

Number of nonmotorists involved

2009	Prcnt	Code	Value and Description
41363	92.6	0	None
3104	7.0	1	1 nonmotorist
146	0.3	2	2 nonmotorists
22	0.0	3	3 nonmotorists
10	0.0	4	4 nonmotorists
1	0.0	5	5 nonmotorists
1	0.0	6	6 nonmotorists
1	0.0	8	8 nonmotorists

Variable 9	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - EVENT1

2009 Prcnt	Code	Value and Description
Noncollision		
1986	4.4	1 Rollover/Overturn
28	0.1	2 Fire/Explosion
10	0.0	3 Immersion
0	0.0	4 Gas inhalation
73	0.2	5 Jackknife
85	0.2	6 Noncollision injury (injured in or fell from vehicle)
24	0.1	7 Pavement surface irregularity (ruts, potholes, grates, etc.)
73	0.2	8 Other noncollision (excludes objects set in motion by an in-transport motor vehicle)
3	0.0	9 Noncollision - no details
18	0.0	10 Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle)
Collision with Object Not Fixed		
1594	3.6	21 Pedestrian
1283	2.9	22 Cycle or cyclist (pedalcycle or pedalcyclist)
17	0.0	23 Railway train
1211	2.7	24 Animal
27687	62.0	25 Motor vehicle in transport
1610	3.6	26 Parked motor vehicle (or other motor vehicle not in transport)
75	0.2	27 Other type nonmotorist (includes motorized wheelchairs)
197	0.4	28 Other object not fixed
14	0.0	29 Object not fixed - no details
Collision with Fixed Object		
16	0.0	31 Ground
87	0.2	32 Building
58	0.1	33 Impact attenuator or crash cushion
152	0.3	34 Bridge structure (bridge pier/abutment/parapet end/rail)
984	2.2	35 Guardrail
828	1.9	36 Concrete traffic barrier or other longitudinal barrier type
1828	4.1	37 Sign post, utility pole or other support
1028	2.3	38 Culvert or ditch
664	1.5	39 Curb
496	1.1	40 Embankment
364	0.8	41 Fence
129	0.3	42 Wall
95	0.2	43 Fire hydrant
58	0.1	44 Shrubbery or bush
1231	2.8	45 Tree
80	0.2	46 Boulder
4	0.0	47 Vehicle occupant
511	1.1	58 Other fixed object
23	0.1	59 Fixed object - no details
24	0.1	99 Unknown

The following list shows the code values given above grouped by category:

Noncollision

- 1 Rollover/overturn
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Jackknife
- 6 Noncollision injury (injured in or fell from vehicle)
- 7 Pavement surface irregularity (ruts, potholes, grates, etc.)
- 8 Other noncollision (excludes objects set in motion by an in-transport motor vehicle)
- 9 Noncollision - no details
- 10 Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle)

Collision with Object Not Fixed

- 21 Pedestrian
- 22 Cycle or cyclist
- 23 Railway train
- 24 Animal
- 25 Motor vehicle in transport
- 26 Parked motor vehicle (or other motor vehicle not in transport)
- 27 Other type nonmotorist (includes motorized wheelchairs)
- 28 Other object not fixed
- 29 Object not fixed - no details
- 47 Vehicle occupant

Collision with Fixed Object

- 31 Ground
- 32 Building
- 33 Impact attenuator or crash cushion
- 34 Bridge structure
- 35 Guardrail
- 36 Concrete barrier
- 37 Sign post, utility pole, or other support
- 38 Culvert or ditch
- 39 Curb
- 40 Embankment
- 41 Fence
- 42 Wall
- 43 Fire hydrant
- 44 Shrubbery or bush
- 45 Tree
- 46 Boulder
- 58 Other fixed object
- 59 Fixed object - no details

Unknown

- 99 Unknown

Variable 10	MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAN_COL

2009 Prcnt	Code	Value and Description
17063 38.2	0	Not collision with motor vehicle in transport
10955 24.5	1	Rear-end
1601 3.6	2	Head-on
17 0.0	3	Rear-to-rear
11738 26.3	4	Angle
2741 6.1	5	Sideswipe, same direction
425 1.0	6	Sideswipe, opposite direction
108 0.2	9	Unknown

Variable 11	INTERSTATE HIGHWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INT_HWY

2009 Prcnt	Code	Value and Description
39142 87.7	0	No
5502 12.3	1	Yes
4 0.0	9	Unknown

Variable 12	RELATION TO JUNCTION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REL_JCT

2009 Prcnt	Code	Value and Description
Noninterchange Area		
20605 46.1	0	Nonjunction
9845 22.1	1	Intersection
7522 16.8	2	Intersection related
3415 7.6	3	Driveway, alley access, etc.
100 0.2	4	Entrance/exit ramp
81 0.2	5	Rail grade crossing
222 0.5	6	On a bridge
47 0.1	7	Crossover related
214 0.5	8	Other, noninterchange
187 0.4	9	Unknown, noninterchange
Interchange Area		
355 0.8	10	Nonjunction
136 0.3	11	Intersection
83 0.2	12	Intersection related
3 0.0	13	Driveway alley access, etc.
1236 2.8	14	Entrance/exit ramp

Variable 12:RELATION TO JUNCTION (Continued)

2009 Prcnt		Code Value and Description
12	0.0	16 On a bridge
0	0.0	17 Crossover related
60	0.1	18 Other location in interchange
6	0.0	19 Unknown, interchange area
		Unknown if Interchange or Noninterchange
519	1.2	99 Unknown

Variable 13	RELATION TO ROADWAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REL_ROAD

Indicates the location of the first harmful event

2009 Prcnt		Code Value and Description
33100	74.1	1 On roadway
370	0.8	2 On shoulder
1600	3.6	3 On median
6374	14.3	4 On roadside
1035	2.3	5 Outside trafficway
678	1.5	6 Off roadway - location unknown
1011	2.3	7 In parking lane
171	0.4	8 Gore
45	0.1	9 Continuous left-turn lane
37	0.1	10 Separator
227	0.5	99 Unknown

Variable 14	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TRAF_WAY

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

2009 Prcnt		Code Value and Description
1864	4.2	0 Not physically divided (center 2-way left-turn lane)
19615	43.9	1 Not physically divided (two-way trafficway)
14289	32.0	2 Divided highway (median strip, barrier, etc.)
2079	4.7	3 One-way trafficway
6801	15.2	9 Unknown

Variable 15	<u>NUMBER OF TRAVEL LANES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - NO_LANES

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

2009 Prcnt	Code Value and Description	
1137 2.5	1	One lane
18064 40.5	2	Two lanes
6094 13.6	3	Three lanes
5511 12.3	4	Four lanes
3835 8.6	5	Five lanes
645 1.4	6	Six lanes
358 0.8	7	Seven or more lanes
9004 20.2	9	Unknown

Variable 16	<u>ROADWAY ALIGNMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALIGNMNT

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

2009 Prcnt	Code Value and Description	
38182 85.5	1	Straight
5315 11.9	2	Curve
1151 2.6	9	Unknown

Variable 17	<u>ROADWAY PROFILE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PROFILE

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

Variable 17:ROADWAY PROFILE (Continued)

2009 Prcnt	Code	Value and Description
27351 61.3	1	Level
6178 13.8	2	Grade
871 2.0	3	Hillcrest
121 0.3	8	Sag
10127 22.7	9	Unknown

Variable 18	<u>ROADWAY SURFACE COND</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SUR_COND

Roadway surface condition

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

2009 Prcnt	Code	Value and Description
34333 76.9	1	Dry
7264 16.3	2	Wet
1282 2.9	3	Snow or slush
1152 2.6	4	Ice
52 0.1	5	Sand, dirt, oil
112 0.3	8	Other
453 1.0	9	Unknown

Variable 19	<u>TRAFFIC CONTROL DEVICE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - TRAF_CON

2009 Prcnt	Code	Value and Description
26915 60.3	0	No controls

NOT AT RAILROAD GRADE CROSSING:

Trafficway Traffic Signals

9273 20.8	1	Traffic control signal (on colors)
168 0.4	4	Flashing traffic control signal or flashing beacon
20 0.0	8	Other traffic signal
9 0.0	9	Unknown traffic signal

Variable 19: TRAFFIC CONTROL DEVICE (Continued)

2009 Prcnt		Code Value and Description
		Regulatory, School Zone Signs
4379	9.8	21 Stop sign
451	1.0	22 Yield sign
19	0.0	23 School zone related sign
207	0.5	28 Other sign
9	0.0	29 Unknown sign
		Warning Signs
621	1.4	40 Advisory speed sign
53	0.1	41 Warning sign for road conditions (hill, steep grade, etc.)
71	0.2	42 Warning sign for road construction
4	0.0	43 Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
96	0.2	49 Unknown type warning sign
		Miscellaneous Not at Railroad Crossing
77	0.2	51 Officer, crossing guard, flagman, etc.
		AT RAILROAD GRADE CROSSING:
43	0.1	61 Active devices (gates, flashing lights, traffic signal)
14	0.0	62 Passive device (stop sign, cross bucks)
		Other:
135	0.3	97 Traffic control present - no details
305	0.7	98 Other traffic control (whether or not at RR grade crossing)
1779	4.0	99 Unknown

Variable 20	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SP_LIMIT

If the crash involves vehicles traveling on different trafficways (e.g. first harmful event occurred in an intersection), the highest speed limit is coded.

2009 Prcnt		Code Value and Description
488	1.1	0 No statutory limit (parking lot, alley, etc.)
20	0.0	5 5 mph
47	0.1	10 10 mph
186	0.4	15 15 mph
290	0.6	20 20 mph
4029	9.0	25 25 mph
3436	7.7	30 30 mph
7728	17.3	35 35 mph
3951	8.8	40 40 mph
6264	14.0	45 45 mph
1456	3.3	50 50 mph
5333	11.9	55 55 mph

Variable 20: SPEED LIMIT (Continued)

2009	Prcnt	Code	Value and Description
1629	3.6	60	60 mph
2517	5.6	65	65 mph
1040	2.3	70	70 mph
190	0.4	75	75 mph
6044	13.5	99	Unknown

Variable 21	LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - LGT_COND

2009	Prcnt	Code	Value and Description
29969	67.1	1	Daylight
4698	10.5	2	Dark - not lighted
7959	17.8	3	Dark - lighted
618	1.4	4	Dawn
889	2.0	5	Dusk
229	0.5	6	Dark - unknown lighting (dawn or dusk)
11	0.0	7	Other
275	0.6	9	Unknown

Variable 22	ATMOSPHERIC CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WEATHER

2009	Prcnt	Code	Value and Description
37331	83.6	1	No adverse atmospheric conditions
4918	11.0	2	Rain
117	0.3	3	Sleet
1197	2.7	4	Snow
132	0.3	5	Fog
10	0.0	6	Rain and fog
1	0.0	7	Sleet and fog
457	1.0	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
485	1.1	9	Unknown

Variable 23	SCHOOL BUS REL TO CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SCH_BUS

Was a school bus directly or indirectly involved?

Variable 23:SCHOOL BUS REL TO CRASH (Continued)

2009 Prcnt	Code	Value and Description
44444	99.5	0 No
204	0.5	1 Yes

Variable 24	PEDESTRIAN/CYCLIST CRASH	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PED_ACC

CYCLIST CRASH TYPE

2009 Prcnt	Code	Value and Description
41619	93.2	0 No pedestrian/cyclist involved
		Bicyclist Rides out from a Driveway, Alley, or Other Mid-block
12	0.0	1 Ride out, residential driveway
13	0.0	2 Ride out, commercial driveway
20	0.0	3 Ride out from sidewalk
53	0.1	4 Ride out, mid-block
		Bicyclist Rides out from a Controlled Intersection
57	0.1	5 Ride out, stop sign
2	0.0	6 Trapped
1	0.0	7 Multiple threat
		Motorist Turns or Drives out in Front of Bicyclist
104	0.2	8 Drive out, driveway/alley
123	0.3	9 Drive out, stop sign
35	0.1	10 Right-on-red
5	0.0	11 Motorist backing
29	0.1	12 Drive through
		Motorist Overtakes Bicyclist
20	0.0	13 Motorist overtakes undetected cyclist
0	0.0	14 Motorist lost control
1	0.0	15 Motorist overtaking, counteractive evasive actions
11	0.0	16 Motorist overtaking, misjudges passing space
1	0.0	17 Motorist overtaking cyclist, path obstructed
		Bicyclist Makes Unexpected Turn or Swerve
12	0.0	18 Cyclist left-turn, in front of traffic
10	0.0	19 Cyclist left-turn, facing traffic
4	0.0	20 Cyclist lost control
3	0.0	21 Cyclist right-turn, from wrong side of street
		Motorist Makes Unexpected Turn
20	0.0	22 Motorist left-turn, in front of cyclist
133	0.3	23 Motorist left-turn, facing cyclist
108	0.2	24 Motorist right-turn, in front of cyclist

Variable 24:PEDESTRIAN/CYCLIST CRASH (Continued)

2009	Prcnt	Code	Value and Description
			Other/Infrequent
13	0.0	25	Uncontrolled intersection, other
17	0.0	26	Wrong way cyclist
23	0.1	27	Cyclist overtaking
6	0.0	28	Wrong way motorist
12	0.0	29	Parking lot, open area, or another nonroadway location, such as a gas station
1	0.0	30	Head-on, counteractive evasive actions
3	0.0	31	Cyclist cuts corner
1	0.0	32	Cyclist swings wide
9	0.0	33	Motorist cuts corner
3	0.0	34	Motorist swings wide
3	0.0	35	Drive out - on street parking
0	0.0	36	Weird - the motorist or cyclist intentionally causes the crash, officer indicates no crash actually occurs, crash does not involve a cyclist, cyclist is struck by falling cargo
64	0.1	39	Motorist overtaking
3	0.0	40	Play vehicle (Big Wheel, other tricycle or bicyclist with training wheels)
0	0.0	41	Cyclist struck parked vehicle
38	0.1	48	Drive out, intersection (motorist drove out into or in front of cyclist)
96	0.2	49	Ride out, intersection (bicyclist)
60	0.1	50	Ride through
59	0.1	55	Controlled intersection, other
10	0.0	60	Ride out, unknown driveway type
9	0.0	61	Motorist changes lanes into cyclist
28	0.1	62	Cyclist changes lanes into motorist
4	0.0	90	Unknown if controlled or uncontrolled
19	0.0	97	Unknown if approach paths are parallel or crossing
17	0.0	98	Parallel path, unknown type
10	0.0	99	Crossing path, unknown type

PEDESTRIAN CRASH TYPES

26	0.1	110	Commercial bus
13	0.0	120	School bus
10	0.0	130	Ice cream vendor
3	0.0	140	Mailbox related
15	0.0	150	Entering/exiting
17	0.0	210	Driverless vehicle
50	0.1	220	Backing vehicle
1	0.0	230	Hot pursuit
2	0.0	310	Walking to or from disabled vehicle
21	0.0	320	Disabled vehicle related
1	0.0	330	Emergency/police vehicle related
20	0.0	410	Working on roadway
27	0.1	420	Play vehicle related
6	0.0	430	Playing in roadway
0	0.0	510	Hitchhiking
13	0.0	520	Expressway crossing

Variable 24:PEDESTRIAN/CYCLIST CRASH (Continued)

2009	Prcnt	Code	Value and Description
54	0.1	531	Walking/running along roadway with traffic
27	0.1	532	Walking/running along roadway against traffic
4	0.0	539	Walking/running along roadway - can't specify
3	0.0	610	Pedestrian waiting to cross at/near curb
92	0.2	620	Pedestrian not in roadway
7	0.0	710	Multiple threat - at intersection
376	0.8	720	Vehicle turn/merge - at intersection
81	0.2	730	Intersection dash
5	0.0	740	Trapped
18	0.0	750	Pedestrian walked into vehicle - at intersection
35	0.1	760	Intersection, driver violation
316	0.7	790	Intersection - other
7	0.0	810	Multiple threat, at mid-block
42	0.1	821	Mid-block dart-out, first half
13	0.0	822	Mid-block dart-out, second half
5	0.0	829	Mid-block dart-out, can't specify
100	0.2	830	Mid-block dash
8	0.0	840	Pedestrian walked into vehicle, mid-block
285	0.6	890	Mid-block - other
6	0.0	910	Other - weird
18	0.0	920	Inadequate information

WHEELCHAIR CRASH TYPES (excludes motorized wheelchairs)

0	0.0	1110	Commercial bus
0	0.0	1120	School bus
0	0.0	1130	Ice cream vendor
0	0.0	1140	Mailbox related
0	0.0	1150	Entering/exiting
0	0.0	1210	Driverless vehicle
0	0.0	1220	Wheelchair: Backing vehicle
0	0.0	1230	Hot pursuit
0	0.0	1310	To/from disabled vehicle
0	0.0	1320	Disabled vehicle related
0	0.0	1330	Emergency/police vehicle related
0	0.0	1410	Working on roadway
0	0.0	1420	Play vehicle related
0	0.0	1430	Playing in roadway
0	0.0	1510	Hitchhiking
0	0.0	1520	Expressway crossing
0	0.0	1531	Walking/running along roadway with traffic
1	0.0	1532	Walking/running along roadway against traffic
0	0.0	1539	Walking along road - can't specify
0	0.0	1610	Waiting to cross at/near curb
1	0.0	1620	Wheelchair not in roadway
0	0.0	1710	Multiple threat/at intersection
6	0.0	1720	Vehicle turn/merge - at intersection
0	0.0	1730	Intersection dash
0	0.0	1740	Trapped
0	0.0	1750	Wheelchair rolled into vehicle - at intersection
1	0.0	1760	Intersection, driver violation
4	0.0	1790	Intersection - other

Variable 24:PEDESTRIAN/CYCLIST CRASH (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	1810	Multiple threat, mid-block
0	0.0	1821	Mid-block dart-out, first half
0	0.0	1822	Mid-block dart-out, second half
0	0.0	1829	Mid-block dart-out, can't specify
0	0.0	1830	Mid-block dash
0	0.0	1840	Wheelchair rolled into vehicle, mid-block
4	0.0	1890	Mid-block - other
0	0.0	1910	Other - weird
0	0.0	1920	Inadequate information
0	0.0	9998	Type unknown
0	0.0	9999	First qualifying nonmotorist involved is an unknown person type.

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

Category 1 - Pedestrian/Bike Crash Types

- 110 Commercial bus related
- 120 School bus related
- 130 Ice cream vendor
- 140 Mailbox related
- 150 Entering/exiting

Category 2 -

- 210 Driverless vehicle
- 220 Backing vehicle
- 230 Hot pursuit

Category 3 -

- 310 Walking to or from disabled vehicle
- 320 Disabled vehicle related
- 330 Emergency/police vehicle related

Category 4 -

- 410 Working on roadway
- 420 Play vehicle related
- 430 Playing in roadway

Category 5 -

- 510 Hitchhiking
- 520 Expressway crossing
- 531 Walking along roadway - with traffic
- 532 Walking along roadway - against traffic
- 539 Walking along roadway - can't specify

Category 6 -

- 610 Pedestrian waiting to cross at/near curb
- 620 Pedestrian not in roadway

Category 7 -

- 710 Multiple threat - at intersection

Variable 24:PEDESTRIAN/CYCLIST CRASH (Continued)

2009 Prcnt Code Value and Description

720 Vehicle turn/merge
 730 Intersection dash
 740 Trapped
 750 Pedestrian walks into vehicle, at intersection
 760 Intersection, driver violation
 790 Intersection, other

Category 8 -

810 Multiple threat - at mid-block
 821 Dart-out - first half
 822 Dart-out - second half
 829 Dart-out - can't specify
 830 Mid-block dash
 840 Pedestrian walks into vehicle - mid-block
 890 Mid-block - other

Category 9 -

910 Other - weird
 920 Inadequate information

Specific circumstances - Weird

36 Weird - the motorist or cyclist intentionally causes the crash, officer indicates no crash actually occurs, crash does not involve a cyclist, cyclist is struck by falling cargo

Specific circumstances - Children's vehicle

40 Is the pedalcyclist riding a children's vehicle? (Big Wheel, other tricycle, or bicycle with training wheels)

Specific circumstances - Backing motor vehicle

11 Does the crash involve a motor vehicle which is backing?

Specific circumstances - Not on a roadway

29 Does the crash occur in a parking lot, open area, or another nonroadway location?

Initial approach paths - parallel versus crossing

97 Unknown if approach paths are parallel or crossing

Parallel path category

98 Parallel path 7 - No way of knowing which parallel path 1-6 is true

Crossing path category

99 Crossing path 8 - No way of knowing which crossing path 1-7 is true

Parallel/Crossing path category crash type

Parallel path 1 (motorist turns or merges into the path of

Variable 24:PEDESTRIAN/CYCLIST CRASH (Continued)

2009 Prcnt Code Value and Description

the cyclist)

- 35 Drive out - on street parking
- 22 Motorist left-turn, in front of cyclist
- 23 Motorist left-turn, facing cyclist
- 24 Motorist right-turn, in front of cyclist

Parallel path 2 (cyclist turns or merges into the path of the motorist)

- 3 Ride out from sidewalk
- 18 Cyclist left-turn, in front of traffic
- 19 Cyclist left-turn, facing traffic
- 21 Cyclist right-turn, from wrong side of street

Parallel path 3 (operator is on the wrong side of the street)

- 30 Head-on, counteractive evasive actions
- 28 Wrong way motorist
- 26 Wrong way cyclist

Parallel path 4 (motorist is overtaking the cyclist)

- 13 Motorist overtakes undetected cyclist
- 15 Motorist overtaking, counteractive evasive actions
- 16 Motorist overtaking, misjudges passing space
- 17 Motorist overtaking cyclist, path obstructed
- 39 Motorist overtaking

Parallel path 5 (cyclist is overtaking a motor vehicle)

- 27 Cyclist overtaking
- 41 Cyclist strikes parked vehicle

Parallel path 6 (operator loss control and inadvertently swerves into the path of the other vehicle because)

- 14 Motorist lost control
- 20 Cyclist lost control

Crossing path 1 (cyclist does not clear intersection before light turns green for cross traffic)

- 6 Trapped
- 7 Multiple threat

Crossing path 2 (motorist fails to yield to cyclist)

- 8 Drive out, driveway/alley
- 12 Drive through
- 9 Drive out, stop sign
- 10 Right-on-red
- 48 Drive out, intersection

Crossing path 3 (cyclist fails to yield to the motorist, midblock)

- 1 Ride out, residential driveway
- 2 Ride out, commercial driveway
- 4 Ride out, mid-block

Variable 24:PEDESTRIAN/CYCLIST CRASH (Continued)

2009 Prcnt	Code Value and Description
	Crossing path 4 (cyclist fails to yield to the motorist, at an intersection)
	5 Ride out, stop sign
	49 Ride out, intersection
	Crossing path 5 (motor is turning)
	33 Motorist cuts corner
	34 Motorist swings wide
	Crossing path 6 (cyclist is turning)
	31 Cyclist cuts corner
	32 Cyclist swings wide
	Crossing path 7 (crash occurs at an intersection)
	55 Controlled intersection, other
	25 Uncontrolled intersection, other

Variable 25	<u>MAX INJRY SEVERITY CRASH</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAX_SEV

Maximum injury severity in crash

2009 Prcnt	Code Value and Description
18407 41.2	0 No injury
7081 15.9	1 Possible injury
9918 22.2	2 Nonincapacitating
7155 16.0	3 Incapacitating
962 2.2	4 Fatal
341 0.8	5 Injured, unknown injury severity
0 0.0	6 Died prior
16 0.0	8 No person involved in the crash
768 1.7	9 Unknown if injured

Variable 26	<u>NUM INJ PERSONS IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NUM_INJ

Number known injured in crash

2009 Prcnt	Code Value and Description
18407 41.2	0 No person injured/property damage only crash
17218 38.6	1 1 injured
5341 12.0	2 2 injured

Variable 26: NUM INJ PERSONS IN CRASH (Continued)

2009 Prcnt		Code	Value and Description
1749	3.9	3	3 injured
681	1.5	4	4 injured
275	0.6	5	
		-	Actual number of people injured
1	0.0	15	
16	0.0	98	No person involved in the crash
768	1.7	99	All persons in crash are unknown if injured

Variable 27	ALCOHOL INVOLVD IN CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALCOHOL

Was alcohol usage involved in the crash?

2009 Prcnt		Code	Value and Description
3366	7.5	1	Alcohol involved
33893	75.9	2	No alcohol involved
20	0.0	8	No applicable person involved in the crash
7369	16.5	9	Unknown

Variable 28	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 29	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

2009 Prcnt		Code	Value and Description
5368	12.0	1	Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of a towed passenger

Variable 29:STRATUM (Continued)

2009 Prcnt	Code Value and Description	
		vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved.
5506 12.3	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
7313 16.4	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
10769 24.1	4	Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash.
6316 14.1	5	Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved.
9376 21.0	6	Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved.

Variable 30	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 31	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

2009 Prcnt	Code Value and Description	
7019 15.7	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
11747 26.3	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)

Variable 31:REGION OF COUNTRY (Continued)

2009 Prcnt	Code	Value and Description
17227 38.6	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
8655 19.4	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 32	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Variable 33	WORK_ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WRK_ZONE

2009 Prcnt	Code	Value and Description
43874 98.3	0	None
329 0.7	1	Construction
53 0.1	2	Maintenance
23 0.1	3	Utility
369 0.8	4	Work zone, type unknown

Imputed ACCIDENT Variables

Variables 34 through 51 are imputed versions of previous variables found in the Accident dataset.

Variable 34	IMP ALCOHOL INV IN CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ALCHL_I

Alcohol involved in crash

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
5348 12.0	1	Alcohol involved
39300 88.0	2	No alcohol involved

Variable 34:IMP ALCOHOL INV IN CRASH (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	3	Unknown

Variable 35	IMP ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ALIGN_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
39209	87.8	1	Straight
5439	12.2	2	Curve

Variable 36	IMP FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENT1_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
Noncollision			
1988	4.5	1	Rollover/overturn
28	0.1	2	Fire/explosion
10	0.0	3	Immersion
0	0.0	4	Gas inhalation
73	0.2	5	Jackknife
85	0.2	6	Noncollision injury (injured in or fell from vehicle)
24	0.1	7	Pavement surface irregularity (ruts, potholes, grates, etc.)
73	0.2	8	Other noncollision (excludes objects set in motion by an in-transport motor vehicle)
3	0.0	9	Noncollision - no details
18	0.0	10	Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle)
Collision with Object Not Fixed			
1594	3.6	21	Pedestrian
1283	2.9	22	Cycle or cyclist (pedalcycle or pedalcyclist)
17	0.0	23	Railway train
1216	2.7	24	Animal
27687	62.0	25	Motor vehicle in transport
1615	3.6	26	Parked motor vehicle (or other motor vehicle not in transport)
75	0.2	27	Other type nonmotorist (includes motorized wheelchairs)

Variable 36:IMP FIRST HARMFUL EVENT (Continued)

2009 Prcnt	Code	Value and Description
197	0.4	28 Other object not fixed
14	0.0	29 Object not fixed - no details
Collision with Fixed Object		
16	0.0	31 Ground
87	0.2	32 Building
58	0.1	33 Impact attenuator or crash cushion
153	0.3	34 Bridge structure (pier/abutment/parapet end/rail)
985	2.2	35 Guardrail
829	1.9	36 Concrete traffic barrier or other longitudinal barrier type
1830	4.1	37 Post, pole or support (sign post, utility post)
1030	2.3	38 Culvert or ditch
665	1.5	39 Curb
497	1.1	40 Embankment
364	0.8	41 Fence
129	0.3	42 Wall
96	0.2	43 Fire hydrant
58	0.1	44 Shrubbery or bush
1232	2.8	45 Tree
80	0.2	46 Boulder
4	0.0	47 Vehicle occupant
0	0.0	50 Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
512	1.1	58 Other fixed object
23	0.1	59 Fixed object - no details

Variable 37	IMP CRASH TIME - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HOUR_I

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
910	2.0	0 12:01 am - 12:59 am
826	1.9	1 1:00 am - 1:59 am
889	2.0	2 2:00 am - 2:59 am
668	1.5	3 3:00 am - 3:59 am
514	1.2	4 4:00 am - 4:59 am
681	1.5	5 5:00 am - 5:59 am
1262	2.8	6 6:00 am - 6:59 am
2150	4.8	7 7:00 am - 7:59 am
2186	4.9	8 8:00 am - 8:59 am
1862	4.2	9 9:00 am - 9:59 am
1937	4.3	10 10:00 am - 10:59 am
2217	5.0	11 11:00 am - 11:59 am
2622	5.9	12 12:00 pm - 12:59 pm
2615	5.9	13 1:00 pm - 1:59 pm

Variable 37:IMP CRASH TIME - HOUR (Continued)

2009	Prcnt	Code	Value and Description
2998	6.7	14	2:00 pm - 2:59 pm
3423	7.7	15	3:00 pm - 3:59 pm
3275	7.3	16	4:00 pm - 4:59 pm
3384	7.6	17	5:00 pm - 5:59 pm
2589	5.8	18	6:00 pm - 6:59 pm
1979	4.4	19	7:00 pm - 7:59 pm
1693	3.8	20	8:00 pm - 8:59 pm
1584	3.5	21	9:00 pm - 9:59 pm
1315	2.9	22	10:00 pm - 10:59 pm
1069	2.4	23	11:00 pm - 11:59 pm

Variable 38	IMP LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LGTCON_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
30160	67.6	1	Daylight
4727	10.6	2	Dark - not lighted
8002	17.9	3	Dark - lighted
622	1.4	4	Dawn
895	2.0	5	Dusk
231	0.5	6	Dawn or dusk
11	0.0	7	Other

Variable 39	IMP MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MANCOL_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
17063	38.2	0	Not collision with motor vehicle in transport
11024	24.7	1	Rear-end
1604	3.6	2	Head-on
17	0.0	3	Rear-to-rear
11766	26.4	4	Angle
2748	6.2	5	Sideswipe, same direction
426	1.0	6	Sideswipe, opposite direction

Variable 40	IMP MAX INJ SEV IN CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MAXSEV_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
19022	42.6	0	No injury
7177	16.1	1	Possible injury
9962	22.3	2	Nonincapacitating
7156	16.0	3	Incapacitating
977	2.2	4	Fatal
338	0.8	5	Injured, unknown severity
0	0.0	6	Died prior
16	0.0	8	No person involved in the crash

Variable 41	IMP CRASH TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MINUTE_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
3066	6.9	0	- Minute
419	0.9	59	

Variable 42	IMP NUM INJ PER IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - NO_INJ_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
19038	42.6	0	No person injured/property damage only crash
17209	38.5	1	1 injured
5441	12.2	2	2 injured
1778	4.0	3	3 injured
699	1.6	4	4 injured
288	0.6	5	5 injured
109	0.2	6	6 injured
38	0.1	7	7 injured
24	0.1	8	8 injured
		-	
1	0.0	15	15 injured

Variable 43	IMPUTED ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PROFIL_I

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
35477	79.5	1 Level
7910	17.7	2 Grade
1113	2.5	3 Hillcrest
148	0.3	8 Sag

Variable 44	IMP RELATION TO JUNCTION	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - RELJCT_I

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
Noninterchange Area		
20680	46.3	0 Nonjunction
9845	22.1	1 Intersection
7522	16.8	2 Intersection related
3415	7.6	3 Driveway, alley access, etc.
100	0.2	4 Entrance/exit ramp
81	0.2	5 Rail grade crossing
390	0.9	6 On a bridge
47	0.1	7 Crossover related
216	0.5	8 Other, noninterchange
0	0.0	9 Unknown, noninterchange
Interchange Area		
356	0.8	10 Nonjunction
136	0.3	11 Intersection
83	0.2	12 Intersection related
3	0.0	13 Driveway, alley access, etc.
1684	3.8	14 Entrance/exit ramp
17	0.0	16 On a bridge
0	0.0	17 Crossover related
73	0.2	18 Other location in interchange
0	0.0	19 Unknown, interchange area

Variable 45	IMPUTED SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SPDLIM_H

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
604	1.4	0	No statutory limit (parking lot, alley, etc.)
22	0.0	5	5 mph
57	0.1	10	10 mph
221	0.5	15	15 mph
356	0.8	20	20 mph
5063	11.3	25	25 mph
4032	9.0	30	30 mph
9119	20.4	35	35 mph
4501	10.1	40	40 mph
7071	15.8	45	45 mph
1623	3.6	50	50 mph
6111	13.7	55	55 mph
1775	4.0	60	60 mph
2754	6.2	65	65 mph
1136	2.5	70	70 mph
203	0.5	75	75 mph

Variable 46	IMP ROADWAY SURFACE COND	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SURCON_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
34456	77.2	1	Dry
7563	16.9	2	Wet
1283	2.9	3	Snow or slush
1152	2.6	4	Ice
57	0.1	5	Sand, dirt, oil
137	0.3	8	Other

Variable 47	IMP TRAFFIC CONTROL DEV	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - TRFCON_I

Traffic control device

This variable was imputed by NHTSA

Variable 47:IMP TRAFFIC CONTROL DEV (Continued)

2009 Prcnt		Code Value and Description
26925	60.3	0 No controls
2009 Prcnt		Code Value and Description
		NOT AT RAILROAD GRADE CROSSING:
		Trafficway Traffic Signals
9273	20.8	1 Traffic control signal (on colors)
895	2.0	4 Flashing traffic control signal or flashing beacon
20	0.0	8 Other traffic signal
9	0.0	9 Unknown traffic signal
		Regulatory, School Zone Signs
4379	9.8	21 Stop sign
451	1.0	22 Yield sign
19	0.0	23 School zone related sign
207	0.5	28 Other sign
9	0.0	29 Unknown sign
		Warning Signs
621	1.4	40 Advisory speed sign
53	0.1	41 Warning sign for road conditions (hill, steep grade, etc.)
71	0.2	42 Warning sign for road construction
4	0.0	43 Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
96	0.2	49 Unknown type warning
		Miscellaneous Not at Railroad Crossing
77	0.2	51 Officer, crossing guard, flagman, etc.
		AT RAILROAD GRADE CROSSING:
44	0.1	61 Active devices (e.g. gates, flashing lights, traffic signal)
14	0.0	62 Passive device (stop sign, cross bucks)
		Other:
144	0.3	97 Traffic control present - no details
1337	3.0	98 Other traffic control (whether or not at RR grade crossing)

Variable 48	IMP ATMOSPHERIC COND	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WEATHR_I

This variable was imputed by NHTSA

2009 Prcnt		Code Value and Description
37737	84.5	1 No adverse atmospheric-related driving conditions

Variable 48:IMP ATMOSPHERIC COND (Continued)

2009 Prcnt	Code Value and Description	
4918	11.0	2 Rain
117	0.3	3 Sleet
1197	2.7	4 Snow
206	0.5	5 Fog
10	0.0	6 Rain and fog
1	0.0	7 Sleet and fog
462	1.0	8 Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)

Variable 49	IMP CRASH DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WKDY_I

This variable was imputed by NHTSA

2009 Prcnt	Code Value and Description	
4766	10.7	1 Sunday
6394	14.3	2 Monday
6452	14.5	3 Tuesday
6784	15.2	4 Wednesday
6740	15.1	5 Thursday
7349	16.5	6 Friday
6163	13.8	7 Saturday

Variable 50	PSU STRATUM	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSUSTRAT

The PSUs are grouped into 14 strata to reflect the first stage of the sample selection. This variable is used for calculating the variance of estimates.

2009 Prcnt	Code Value and Description	
1685	3.8	1 Stratum 1
		-
478	1.1	14 Stratum 14

<u>Variable 51</u>	<u>NUMBER OF PARKED VEHICLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PVH_INVL

Number of parked and/or working vehicles involved

2009	Prcnt	Code	Value and Description
42619	95.5	0	None
1732	3.9	1	1 parked/working vehicle
207	0.5	2	2 parked/working vehicles
66	0.1	3	3 parked/working vehicles
16	0.0	4	4 parked/working vehicles
3	0.0	5	5 parked/working vehicles
3	0.0	6	6 parked/working vehicles
1	0.0	7	7 parked/working vehicles
1	0.0	8	8 parked/working vehicles

The CRASH EVENT Variables

Variables 71 through 82 describe the first harmful event for this crash. This event may not include all vehicles in the crash. There may be many event records for a single crash, only the first is coded here.

Variable 71	CASE NUMBER	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASENUM

Variable 72	EVENT SEQUENCE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENTNUM

Chronological sequence of harmful events in the accident

2009	Prcnt	Code	Value and Description
44648	100.0	1	Event #1

Variable 73	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEHNUM

Number of the "lower numbered" in-transport motor vehicle in the first crash event.

This variable is the same as VEHNO in the vehicle data set.
Assigned the PAR's vehicle number unless a number is skipped.

2009	Prcnt	Code	Value and Description
44081	98.7	1	Vehicle #1
491	1.1	2	Vehicle #2
66	0.1	3	Vehicle #3
5	0.0	4	Vehicle #4
2	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7

Variable 74	GEN AREA DAMAGE-THIS VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - GAD

General area of damage - this vehicle

Indicates the impact point that produced property damage or personal injury for this transport motor vehicle involved in the event

2009	Prcnt	Code	Value and Description
2300	5.2	0	Noncollision
23974	53.7	1	Front
6579	14.7	2	Right side
5774	12.9	3	Left side
3326	7.4	4	Back
74	0.2	5	Top
265	0.6	6	Undercarriage
455	1.0	11	Front right corner
491	1.1	12	Front left corner
54	0.1	13	Back right corner
61	0.1	14	Back left corner
116	0.3	15	Object set in motion
1179	2.6	99	Point of impact unknown

Variable 75	VEH #-OTH VEH/OBJ CONTAC	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - OBJCONT

Vehicle number of the other vehicle or object hit, or the type of noncollision involved in the event

2009	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
28	0.1	1	Vehicle #1
26996	60.5	2	Vehicle #2
568	1.3	3	Vehicle #3
81	0.2	4	Vehicle #4
11	0.0	5	Vehicle #5
1	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
Noncollision			
1986	4.4	101	Rollover/overturn
28	0.1	102	Fire/explosion
10	0.0	103	Immersion
0	0.0	104	Gas inhalation
73	0.2	105	Jackknife
85	0.2	106	Noncollision injury (injured in or fell from vehicle)

Variable 75:VEH #-OTH VEH/OBJ CONTAC (Continued)

2009	Prcnt	Code	Value and Description
24	0.1	107	Pavement surface irregularity (ruts, potholes, grates, etc.)
73	0.2	108	Other noncollision (excludes objects set in motion by an in-transport motor vehicle)
3	0.0	109	Noncollision - no details
18	0.0	110	Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle)
Collision with Object Not Fixed			
1594	3.6	121	Pedestrian
1283	2.9	122	Cycle or cyclist (pedalcycle or pedalcyclist)
17	0.0	123	Railway train
1211	2.7	124	Animal
0	0.0	125	Motor vehicle in transport
1610	3.6	126	Parked motor vehicle (or other MV not in transport)
75	0.2	127	Other type nonmotorist
197	0.4	128	Other object not fixed
14	0.0	129	Object not fixed - no details
Collision with Fixed Object			
16	0.0	131	Ground
87	0.2	132	Building
58	0.1	133	Impact attenuator or crash cushion
152	0.3	134	Bridge structure (bridge pier/abutment/parapet end/rail)
984	2.2	135	Guardrail
828	1.9	136	Concrete traffic barrier or other longitudinal barrier type
1828	4.1	137	Sign post, utility pole or other support
1028	2.3	138	Culvert or ditch
664	1.5	139	Curb
496	1.1	140	Embankment
364	0.8	141	Fence
129	0.3	142	Wall
95	0.2	143	Fire hydrant
58	0.1	144	Shrubbery or bush
1231	2.8	145	Tree
80	0.2	146	Boulder
4	0.0	147	Vehicle occupant
511	1.1	158	Other fixed object
23	0.1	159	Fixed object - no details
Unknown			
24	0.1	999	Unknown

Variable 76	GEN AREA OF DAM- OTH VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - OBJGAD

General area of damage - other vehicle

Indicates the impact point for the other in transport motor vehicle involved in the harmful event

2009 Prcnt	Code	Value and Description
9573	21.4	1 Front
4145	9.3	2 Right side
4918	11.0	3 Left side
8318	18.6	4 Back
6	0.0	5 Top
25	0.1	6 Undercarriage
170	0.4	11 Front right corner
274	0.6	12 Front left corner
36	0.1	13 Back right corner
61	0.1	14 Back left corner
16961	38.0	98 Not a motor vehicle in transport
161	0.4	99 Point of Impact Unknown

Variable 77	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 78	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

2009 Prcnt	Code	Value and Description
5368	12.0	1 Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved.

Variable 78:STRATUM (Continued)

2009 Prcnt	Code	Value and Description
5506 12.3	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
7313 16.4	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
10769 24.1	4	Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash.
6316 14.1	5	Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved.
9376 21.0	6	Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved.

Variable 79	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 80	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

2009 Prcnt	Code	Value and Description
7019 15.7	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
11747 26.3	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
17227 38.6	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
8655 19.4	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 81	ACTION FOR THIS EVENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - E_ACTION

Vehicle action of vehicle number on Variable 73

2009 Prcnt	Code	Value and Description
2300	5.2	1 Noncollision
6005	13.4	2 Collision with object not fixed
8656	19.4	3 Collision with fixed object
18717	41.9	4 Strike another in-transport motor vehicle
8970	20.1	5 Struck by an in-transport motor vehicle

Variable 82	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

The VEHICLE/DRIVER Variables

Variables 101 through 144 describe the vehicle and its driver. The Vehicle/Driver data set contains these variables, along with the Accident variables on a Vehicle level.

Variable 101	CASE NUMBER	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASENUM

Variable 102	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEHNO

2009	Prcnt	Code	Value and Description
44648	57.5	1	Vehicle #1
28248	36.4	2	Vehicle #2
3724	4.8	3	Vehicle #3
739	1.0	4	Vehicle #4
170	0.2	5	Vehicle #5
46	0.1	6	Vehicle #6
13	0.0	7	Vehicle #7
5	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9

Variable 103	DRIVER PRESENCE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DR_PRES

2009	Prcnt	Code	Value and Description
200	0.3	0	No driver present / not applicable
77394	99.7	1	Yes
0	0.0	9	Unknown

Variable 104	HIT-AND-RUN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HIT_RUN

2009	Prcnt	Code	Value and Description
73561	94.8	0	No, did not leave scene
4019	5.2	1	Yes, driver or car and driver left scene
14	0.0	9	Unknown

Variable 105	MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MAKE

2009	Prcnt	Code	Value and Description
Passenger Vehicles (01-69)			
1	0.0	1	American Motors
1939	2.5	2	Jeep (includes Kaiser-Jeep)
81	0.1	3	AM General
1760	2.3	6	Chrysler
4532	5.8	7	Dodge
0	0.0	8	Imperial
336	0.4	9	Plymouth
25	0.0	10	Eagle
12020	15.5	12	Ford
672	0.9	13	Lincoln
1194	1.5	14	Mercury
1476	1.9	18	Buick
844	1.1	19	Cadillac
10001	12.9	20	Chevrolet
917	1.2	21	Oldsmobile
2249	2.9	22	Pontiac
1823	2.3	23	GMC
1107	1.4	24	Saturn
16	0.0	25	Grumman
0	0.0	29	Other domestic
898	1.2	30	Volkswagen
1	0.0	31	Alfa Romeo
251	0.3	32	Audi
0	0.0	33	Austin/Austin Healey
756	1.0	34	BMW
3686	4.8	35	Nissan/Datsun
2	0.0	36	Fiat
5738	7.4	37	Honda
393	0.5	38	Isuzu
96	0.1	39	Jaguar
0	0.0	40	Lancia
1196	1.5	41	Mazda
661	0.9	42	Mercedes Benz
3	0.0	43	MG
1	0.0	44	Peugeot

Variable 105:MAKE (Continued)

2009	Prcnt	Code	Value and Description
48	0.1	45	Porsche
1	0.0	46	Renault/AMC
107	0.1	47	Saab
647	0.8	48	Subaru
6780	8.7	49	Toyota
23	0.0	50	Triumph
904	1.2	51	Volvo
985	1.3	52	Mitsubishi
689	0.9	53	Suzuki
714	0.9	54	Acura
1262	1.6	55	Hyundai
0	0.0	56	Merkur
0	0.0	57	Yugo
425	0.5	58	Infiniti
838	1.1	59	Lexus
1	0.0	60	Daihatsu
0	0.0	61	Sterling
100	0.1	62	Land Rover
790	1.0	63	KIA
36	0.0	64	Daewoo
5	0.0	65	Smart
59	0.1	69	Mini
Motorcycles (70-79)			
0	0.0	70	BSA
23	0.0	71	Ducati
678	0.9	72	Harley-Davidson
254	0.3	73	Kawasaki
2	0.0	74	Moto-Guzzi
0	0.0	75	Norton
281	0.4	76	Yamaha
115	0.1	78	Moped (all other than those listed above)
190	0.2	79	Other motorcycle
Trucks and Buses (80-98)			
0	0.0	80	Brockway
0	0.0	81	Diamond Reo, Reo
1665	2.1	82	Freightliner, White
1	0.0	83	FWD
1147	1.5	84	International Harvester/Navistar
534	0.7	85	Kenworth
455	0.6	86	Mack
614	0.8	87	Peterbilt
0	0.0	88	Iveco/Magirus
646	0.8	98	Other medium/heavy trucks or buses (and other vehicle makes)
1900	2.4	99	Unknown make/manufacturer

Variable 106	MAKE/MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

NHTSA SAS Variable - MODEL

2009 Prcnt	Code	Value and Description
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AMC/American Motors

0	0.0	1001 Rambler/American
0	0.0	1002 Rebel/Matador
0	0.0	1003 Ambassador
0	0.0	1004 Pacer
0	0.0	1005 AMX
0	0.0	1006 Javelin
0	0.0	1007 Hornet/Concord
0	0.0	1008 Spirit/Gremlin
0	0.0	1009 Eagle
0	0.0	1010 Eagle SX-4
0	0.0	1398 Other automobile
1	0.0	1399 Unknown automobile
0	0.0	1998 Other vehicle
0	0.0	1999 Unknown vehicle

Jeep (includes Kaiser-Jeep)

23	0.0	2001 Compass
9	0.0	2399 Unknown Automobile
31	0.0	2401 CJ-2/CJ-3/CJ-4
15	0.0	2402 CJ-5/CJ-6/CJ-7/CJ-8
169	0.2	2403 YJ Series (Wrangler)
1092	1.4	2404 Cherokee (84 on)
301	0.4	2405 Liberty
51	0.1	2406 Commander
27	0.0	2407 Patriot
0	0.0	2421 Cherokee (63-83)
3	0.0	2431 Grand Wagoneer
0	0.0	2481 Pickup
8	0.0	2482 Comanche
0	0.0	2498 Other light truck
145	0.2	2499 Unknown light truck
65	0.1	2999 Unknown vehicle

AM General

1	0.0	3401 Dispatcher Post Office (Jeep)
39	0.1	3402 Hummer H3
33	0.0	3421 Hummer
0	0.0	3466 Dispatcher DJ series Post Office van
0	0.0	3498 Other Light Truck
4	0.0	3499 Unknown Light Truck
0	0.0	3884 Medium/Heavy Truck
0	0.0	3898 Other Medium/Heavy Truck
0	0.0	3899 Unknown Medium/Heavy Truck
0	0.0	3983 Bus rear engine/flat front transit
0	0.0	3988 Other Bus
0	0.0	3989 Unknown bus type
4	0.0	3999 Unknown vehicle

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
Chrysler			
1	0.0	6009	Cordoba
3	0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
0	0.0	6013	Rampage 2.2 (car based pickup)
20	0.0	6014	New Yorker (83-90)/E-Class/Imperial (90-93)/Fifth Avenue/Newport
0	0.0	6015	Laser
21	0.0	6016	LeBaron
1	0.0	6017	LeBaron GTS/GTC
1	0.0	6018	Intrepid (Canadian made) RWD only
0	0.0	6019	Neon (export)
0	0.0	6031	TC Maserati sport
0	0.0	6035	Conquest
107	0.1	6041	Concorde
40	0.1	6042	LHS New Yorker 1994 on
305	0.4	6043	Sebring
51	0.1	6044	Cirrus
242	0.3	6051	300M
275	0.4	6052	PT Cruiser
0	0.0	6053	Prowler 2001-2002
116	0.1	6054	Pacifica
10	0.0	6055	Crossfire
1	0.0	6398	Other automobile
105	0.1	6399	Unknown automobile
12	0.0	6421	Aspen
361	0.5	6441	Town & country (Minivan)
36	0.0	6442	Voyager
0	0.0	6498	Other light truck
12	0.0	6499	Unknown light truck
0	0.0	6998	Other vehicle
40	0.1	6999	Unknown vehicle
Dodge			
2	0.0	7001	Dart
2	0.0	7002	Coronet/Magnum/Charger (thru 79)
0	0.0	7003	Polara/Monaco/Royal Monaco
3	0.0	7004	Viper; RT/10, GTS
1	0.0	7005	Challenger; R/T, T/A, Rallye
0	0.0	7006	Aspen; Custom, Special Edition, Police, R/T, Sport
0	0.0	7007	Diplomat; Medallion, Salon, S
1	0.0	7008	Omni/Charger
0	0.0	7009	Mirada 1980-1983
1	0.0	7010	St. Regis; police, taxi
5	0.0	7011	Aries (K); Custom, SE, LE
0	0.0	7012	400 LS (1982-1983)
0	0.0	7013	Rampage (car-based pickup); 2.2, GT, Sport
0	0.0	7014	600 ES, Turbo (1983-1988)
2	0.0	7015	Daytona (1984-1994)
0	0.0	7016	Lancer; Pacifica, Turbo, ES, Shelby (1985-1989)
14	0.0	7017	Shadow; ES, Turbo (1987-1998)
14	0.0	7018	Dynasty (1988-1998)
12	0.0	7019	Spirit; ES, Shelby, R/T (1989-1994)

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
343	0.4	7020	Neon Expresso (1994-1998)
48	0.1	7021	Magnum (Note: 07002 is Magnum prior to 1979)
156	0.2	7024	Charger (2006+)
92	0.1	7025	Caliber
75	0.1	7026	Avenger
21	0.0	7027	Journey
3	0.0	7028	Challenger (2008-on)
0	0.0	7033	Challenger (import)
0	0.0	7034	Colt (excludes Vista)
0	0.0	7035	Conquest; Turbo (1984-1986)
2	0.0	7039	Stealth (1991-1998)
0	0.0	7040	Monaco (1990-1992)
243	0.3	7041	Intrepid (1993-1998)
21	0.0	7042	Avenger (1995-1998)
313	0.4	7043	Stratus (1995-1998)
0	0.0	7398	Other Automobile
149	0.2	7399	Unknown Automobile
0	0.0	7401	Raider Sport (1986-1998)
30	0.0	7403	Nitro
4	0.0	7421	Ramchager (through 1998)
330	0.4	7422	Durango (1998-2000)
0	0.0	7441	Vista 4x4 (1984-1991)
749	1.0	7442	Caravan; mini-ram, SE, ES (1984-1998)
100	0.1	7461	B-series Van; sportsman, royal, maxiwagon, ram B150-B350, tradesman
24	0.0	7462	Sprinter
1	0.0	7470	Van Derivative; Kary Van
3	0.0	7471	D50,Colt Pickup,Ram 50/Ram 100
378	0.5	7472	Dakota; WB=112"/124"
47	0.1	7481	D,W-series Pickup; ram, custom, royal, miser D100-D350, W100-W350
1067	1.4	7482	Ram 1500/2500/3500 pickup
10	0.0	7498	Other light truck
193	0.2	7499	Unknown light truck
0	0.0	7850	Truck based motorhome
2	0.0	7881	Medium/heavy CBE
0	0.0	7882	Medium/heavy COE low entry
0	0.0	7883	Medium/heavy COE high entry
3	0.0	7884	Medium/heavy unknown engine location
0	0.0	7890	Medium/heavy COE unknown entry position
0	0.0	7898	Other medium/heavy truck
0	0.0	7899	Unknown type truck
0	0.0	7950	Bus based motorhome
0	0.0	7981	Medium bus (not van-based)
0	0.0	7988	Other bus
0	0.0	7989	Unknown bus type
0	0.0	7998	Other vehicle
68	0.1	7999	Unknown vehicle
			Imperial
0	0.0	8010	Imperial; LeBaron (-76), Mark Cross, Frank Sinatra editions (1981-1983)

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	8398	Other automobile
0	0.0	8399	Unknown Automobile
0	0.0	8999	Unknown vehicle
			Plymouth
1	0.0	9001	Valiant/Scamp/Duster(thru 76)
0	0.0	9002	Satellite/Belvedere
1	0.0	9003	Fury
0	0.0	9004	Gran Fury
0	0.0	9005	Barracuda
0	0.0	9006	Volare'
1	0.0	9007	Caravelle
2	0.0	9008	Horizon
2	0.0	9011	Reliant (K)
0	0.0	9013	Scamp-car based pickup
10	0.0	9017	Sundance
18	0.0	9019	Acclaim
81	0.1	9020	Neon
1	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
3	0.0	9037	Laser
32	0.0	9038	Breeze
1	0.0	9039	Prowler
0	0.0	9398	Other Automobile
31	0.0	9399	Unk Automobile
0	0.0	9421	Trailduster
1	0.0	9441	Colt Vista 4x4
142	0.2	9442	Voyager (minivan)
0	0.0	9461	Van full size B-series
1	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other light truck
2	0.0	9499	Unknown light truck
4	0.0	9999	Unknown vehicle
			Eagle
4	0.0	10034	Summit
15	0.0	10037	Talon
0	0.0	10040	Premier
6	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Automobile
0	0.0	10399	Unknown Automobile
0	0.0	10441	Summit Wagon
0	0.0	10498	Other light truck
0	0.0	10499	Unknown light truck
0	0.0	10999	Unknown vehicle
			Ford
0	0.0	12001	Falcon

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
1	0.0	12002	Fairlane
751	1.0	12003	Mustang/Mustang II
101	0.1	12004	Thunderbird
2	0.0	12005	LTD II
4	0.0	12006	LTD/Galaxy/Custom
3	0.0	12007	Ranchero
2	0.0	12008	Maverick
0	0.0	12009	Pinto
0	0.0	12010	Torino/Gran Torino/Elite
2	0.0	12011	Granada
5	0.0	12012	Fairmont
407	0.5	12013	Escort/EXP
43	0.1	12015	Tempo
623	0.8	12016	Crown Victoria
1056	1.4	12017	Taurus
30	0.0	12018	Probe
54	0.1	12021	Five Hundred
54	0.1	12022	Freestyle
206	0.3	12023	Fusion
74	0.1	12024	Edge
8	0.0	12025	Flex
0	0.0	12031	English Ford
1	0.0	12032	Fiesta
12	0.0	12033	Festiva
0	0.0	12034	Laser
115	0.1	12035	Contour
17	0.0	12036	Aspire
650	0.8	12037	Focus
0	0.0	12038	GT
1	0.0	12398	Other Automobile
404	0.5	12399	Unknown Automobile
1290	1.7	12401	Bronco II/Bronco(thru 77)/Explorer
396	0.5	12402	Escape
25	0.0	12421	Bronco-fullsize (78 on)
517	0.7	12422	Expedition
41	0.1	12431	Excursion
68	0.1	12441	Aerostar
314	0.4	12442	Windstar
58	0.1	12443	Freestar
517	0.7	12461	E-series Van
1	0.0	12470	Van derivative
744	1.0	12471	Ranger
0	0.0	12472	Courier
38	0.0	12473	Sport Trac
2325	3.0	12481	F-series Pickup
37	0.0	12498	Other lt truck
316	0.4	12499	Unknown lt truck
0	0.0	12850	M/H truck-based motorhome
152	0.2	12880	F450/550 Pickup > 4536 GVWR
206	0.3	12881	Med/Hvy CBE
7	0.0	12882	Med/Hvy COE low entry
2	0.0	12883	Med/Hvy COE high entry

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
60	0.1	12884	Med/Hvy unknown engine location
3	0.0	12890	Med/Hvy COE unknown entry position
16	0.0	12898	Other Med/Hvy truck
23	0.0	12899	Unknown Med/Hvy truck
11	0.0	12981	Medium Bus
25	0.0	12988	Other Bus
2	0.0	12989	Unknown bus type
1	0.0	12998	Other Vehicle
199	0.3	12999	Unknown vehicle
Lincoln			
303	0.4	13001	Town Car/Continental
16	0.0	13002	Mark I - VIII
43	0.1	13005	Continental (82 on)
0	0.0	13011	Versailles
69	0.1	13012	LS
23	0.0	13013	Zephyr
22	0.0	13014	MKX
12	0.0	13015	MKS
1	0.0	13398	Other Auto
56	0.1	13399	Unknown Auto
15	0.0	13401	Aviator
88	0.1	13421	Navigator
1	0.0	13481	Blackwood
6	0.0	13482	Mark LT
0	0.0	13498	Other light truck
3	0.0	13499	Unknown light truck
14	0.0	13999	Unknown vehicle
Mercury			
0	0.0	14002	Cyclone
2	0.0	14003	Capri-domestic
27	0.0	14004	Cougar/XR7
312	0.4	14006	Marquis/Monterey
0	0.0	14008	Comet
0	0.0	14009	Bobcat
12	0.0	14010	Montego (pre 2005)
2	0.0	14011	Monarch
1	0.0	14012	Zephyr
0	0.0	14013	Lynx/LN7 (82-83)
12	0.0	14015	Topaz
244	0.3	14017	Sable
4	0.0	14020	Montego (2005+)
31	0.0	14021	Milan
1	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
43	0.1	14036	Tracer
34	0.0	14037	Mystique
69	0.1	14038	Cougar (99-on)
7	0.0	14039	Marauder
0	0.0	14398	Other Auto
82	0.1	14399	Unknown Auto

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
155	0.2	14401	Mountaineer
49	0.1	14402	Mariner
73	0.1	14443	Villager
10	0.0	14444	Monterey
0	0.0	14498	Oth lt truck
9	0.0	14499	Unknown lt truck
0	0.0	14998	Other vehicle
15	0.0	14999	Unknown vehicle
			Buick
1	0.0	18001	Special/Skylark (thru 1972)
375	0.5	18002	LeSabre/Wildcat/Centurion
123	0.2	18003	Electra/Electra 225/Park Avenue (91 on)
23	0.0	18004	Roadmaster
21	0.0	18005	Riviera
357	0.5	18007	Century
0	0.0	18008	Apollo/Skylark (73-76)
49	0.1	18010	Regal
1	0.0	18012	Skyhawk
1	0.0	18015	Skylark (76-85)
40	0.1	18018	Somerset (85-87) / Skylark (86 on)
128	0.2	18020	Regal FWD
0	0.0	18021	Reatta
61	0.1	18022	Lacrosse
49	0.1	18023	Lucerne
21	0.0	18024	Enclave
0	0.0	18031	Opel Kadett
0	0.0	18032	Opel Manta
0	0.0	18033	Opel GT
1	0.0	18034	Opel Isuzu
0	0.0	18398	Other Auto
105	0.1	18399	Unknown Auto
89	0.1	18401	Rendezvous
11	0.0	18402	Rainier
10	0.0	18441	Terraza
0	0.0	18498	Oth light truck
5	0.0	18499	Unknown light truck
5	0.0	18999	Unknown vehicle
			Cadillac
319	0.4	19003	Deville/Fleetwood (except Limousine)
0	0.0	19004	Limousine
31	0.0	19005	Eldorado
0	0.0	19006	Commercial Series
2	0.0	19009	Allante'
83	0.1	19014	Seville
1	0.0	19016	Cimarron
20	0.0	19017	Catera (RWD)
102	0.1	19018	CTS
2	0.0	19019	XLR
36	0.0	19020	SRX
35	0.0	19021	STS

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
30	0.0	19022	DTS
0	0.0	19398	Other automobile
53	0.1	19399	Unknown automobile
116	0.1	19421	Escalade
5	0.0	19431	Escalade ESV
1	0.0	19481	Escalade EXT
1	0.0	19498	Other light truck
1	0.0	19499	Unknown light truck
6	0.0	19999	Unknown vehicle
			Chevrolet
8	0.0	20001	Malibu/Chevelle
925	1.2	20002	Caprice/Impala
45	0.1	20004	Corvette
0	0.0	20006	Corvair
9	0.0	20007	El Camino
7	0.0	20008	Nova (-79)
149	0.2	20009	Camaro
19	0.0	20010	Monte Carlo (RWD)
1	0.0	20011	Vega
0	0.0	20012	Monza
0	0.0	20013	Chevette
0	0.0	20015	Citation
716	0.9	20016	Cavalier
22	0.0	20017	Celebrity
73	0.1	20019	Beretta/Corsica
266	0.3	20020	Lumina
389	0.5	20022	Cobalt
127	0.2	20023	HHR
11	0.0	20024	Traverse
1	0.0	20031	Spectrum
180	0.2	20032	Nova/Geo Prizm
0	0.0	20033	Sprint/Geo Sprint
50	0.1	20034	Geo Metro
7	0.0	20035	Geo Storm
245	0.3	20036	Monte Carlo (FWD only)
700	0.9	20037	Malibu (1997+)
5	0.0	20038	SSR
142	0.2	20039	Aveo
0	0.0	20398	Other auto
365	0.5	20399	Unknown auto
476	0.6	20401	S-10 Blazer, blazer
84	0.1	20402	Geo tracker (1989-1998)
420	0.5	20403	Trailblazer (2002+)
119	0.2	20404	Equinox
482	0.6	20421	Blazer-fullsize
309	0.4	20431	Suburban
179	0.2	20441	Astro van
189	0.2	20442	Lumina APV / Venture
0	0.0	20443	Ventura
45	0.1	20444	Uplander
271	0.3	20461	G-series van

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
7	0.0	20466	P-series van
1	0.0	20470	Van derivative
353	0.5	20471	S-10 / T-10
0	0.0	20472	LUV imported Pickup
121	0.2	20473	Colorado
1849	2.4	20481	C,K,R,V-series Pickup
115	0.1	20482	Avalanche
30	0.0	20498	Other light truck
250	0.3	20499	Unknown light truck
0	0.0	20850	M/H truck-based motorhome
61	0.1	20881	Med/Hvy CBE
13	0.0	20882	Med/Hvy COE low entry
3	0.0	20883	Med/Hvy COE high entry
6	0.0	20884	Med/Hvy Unknown engine location
12	0.0	20890	Med/Hvy COE Unknown entry location
1	0.0	20898	Other med/hvy truck
8	0.0	20899	Unknown med/hvy trk
1	0.0	20981	Bus S-60 series
9	0.0	20988	Other Bus
0	0.0	20989	Unknown bus type
1	0.0	20998	Other vehicle
124	0.2	20999	Unknown vehicle
Oldsmobile			
20	0.0	21001	Cutlass (RWD only)
104	0.1	21002	Delta 88
48	0.1	21003	Ninety-Eight
6	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
1	0.0	21015	Omega
4	0.0	21016	Firenza
63	0.1	21017	Ciera
3	0.0	21018	Calais
141	0.2	21020	Cutlass (FWD)
23	0.0	21021	Achieva
45	0.1	21022	Aurora
81	0.1	21023	Intrigue
205	0.3	21024	Alero
0	0.0	21398	Other automobile
70	0.1	21399	Unknown automobile
43	0.1	21401	Bravada
53	0.1	21441	Silhouette
0	0.0	21498	Other light truck
2	0.0	21499	Unknown light truck
0	0.0	21998	Other vehicle
5	0.0	21999	Unknown vehicle
Pontiac			
1	0.0	22001	Lemans/Tempest (thru 79)
156	0.2	22002	Bonneville/Catalina/Parisienne
1	0.0	22005	Fiero

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
16	0.0	22008	Ventura
77	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)
0	0.0	22013	T-1000/1000
0	0.0	22015	Phoenix
213	0.3	22016	J2000/2000/Sunbird(84 on)/Sunfire
5	0.0	22017	6000
528	0.7	22018	Grand Am
34	0.0	22019	G5
462	0.6	22020	Grand Prix FWD
274	0.4	22022	G6
18	0.0	22023	Solstice
7	0.0	22024	G8
2	0.0	22031	Lemans (88 on)
98	0.1	22032	Vibe
0	0.0	22398	Other auto
176	0.2	22399	Unknown automobile
41	0.1	22401	Aztek
0	0.0	22402	Vibe
28	0.0	22403	Torrent
96	0.1	22441	Trans Sport / Montana
0	0.0	22498	Other light truck
1	0.0	22499	Unknown light truck
13	0.0	22999	Unknown vehicle
		GMC	
0	0.0	23007	Caballero/Sprint
32	0.0	23008	Arcadia
0	0.0	23398	Other automobile
17	0.0	23399	Unknown automobile
299	0.4	23401	Jimmy/Typhoon/Envoy
338	0.4	23421	Jimmy fullsize/Yukon
64	0.1	23431	Suburban
43	0.1	23441	Safari (Minivan)
91	0.1	23461	G-series Van
0	0.0	23466	P-series Van
0	0.0	23470	Van Derivative
113	0.1	23471	S15/T15/Sonoma
27	0.0	23472	Canyon
545	0.7	23481	C,K,R,V-series Pickup
9	0.0	23498	Other lt truck
68	0.1	23499	Unknown light truck
77	0.1	23881	Med/Hvy CBE
22	0.0	23882	Med/Hvy COE low entry
10	0.0	23883	Med/Hvy COE high entry
24	0.0	23884	Med/Hvy Unknown engine location
4	0.0	23890	Med/Hvy COE Unknown entry postion
0	0.0	23898	Other medium/heavy truck
10	0.0	23899	Unknown medium/heavy truck
1	0.0	23981	Bus B6000

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
2	0.0	23988	Other bus
2	0.0	23989	Unknown bus type
0	0.0	23998	Other vehicle
25	0.0	23999	Unknown vehicle
Saturn			
327	0.4	24001	SL
110	0.1	24002	SC
26	0.0	24003	SW
0	0.0	24004	EV1 (electric vehicle)
80	0.1	24005	LS
8	0.0	24006	LW
171	0.2	24007	Ion
6	0.0	24008	Sky
39	0.1	24009	Aura
12	0.0	24010	Outlook
10	0.0	24011	Astra
0	0.0	24398	Other auto
121	0.2	24399	Unknown auto
174	0.2	24401	Vue
4	0.0	24441	Relay
0	0.0	24498	Other light truck
2	0.0	24499	Unknown light truck
17	0.0	24999	Unknown vehicle
Grumman			
13	0.0	25441	LLV (Postal vehicle)
0	0.0	25442	Step-in van
1	0.0	25498	Other light truck
2	0.0	25499	Unknown light truck
0	0.0	25881	Medium/Heavy CBE
0	0.0	25882	Medium/Heavy COE low entry
0	0.0	25883	Medium/Heavy COE high entry
0	0.0	25884	Medium/Heavy Unknown engine location
0	0.0	25890	Medium/Heavy COE Unknown entry position
0	0.0	25898	Other medium/heavy truck
0	0.0	25899	Unknown medium/heavy truck
0	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other bus
0	0.0	25989	Unknown bus type
0	0.0	25999	Unknown vehicle
Other Domestic			
0	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
0	0.0	29398	Other domestic make
0	0.0	29399	Unknown domestic make
0	0.0	29498	Other light truck
0	0.0	29898	Other medium/heavy truck
0	0.0	29988	Other bus
0	0.0	29998	Other vehicle

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
			Volkswagen
3	0.0	30031	Karmann Ghia
13	0.0	30032	Beetle 1300/1500
0	0.0	30033	Super Beetle
2	0.0	30034	411/412
0	0.0	30035	Squareback/Fastback
24	0.0	30036	Rabbit
0	0.0	30037	Dasher
1	0.0	30038	Scirocco
154	0.2	30040	Jetta
0	0.0	30041	Quantum
46	0.1	30042	Golf/Cabriolet/GTI
1	0.0	30043	Rabbit Pickup
2	0.0	30044	Fox
2	0.0	30045	Corrado
136	0.2	30046	Passat
211	0.3	30047	Jetta III
24	0.0	30048	Golf III
119	0.2	30049	New Beetle
1	0.0	30050	Phaeton
4	0.0	30051	EOS
3	0.0	30398	Other automobile
114	0.1	30399	Unknown automobile
0	0.0	30401	The Thing (181)
4	0.0	30402	Tiguan
16	0.0	30421	Touareg
5	0.0	30441	Vanagon/Camper
2	0.0	30442	Eurovan
1	0.0	30443	Routan
1	0.0	30498	Other lt truck
3	0.0	30499	Unknown light truck
0	0.0	30998	Other vehicle
6	0.0	30999	Unknown vehicle
			Alfa Romeo
0	0.0	31031	Spider
0	0.0	31032	Sports sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
0	0.0	31035	164
0	0.0	31398	Other automobile
1	0.0	31399	Unknown automobile
0	0.0	31999	Unknown vehicle
			Audi
1	0.0	32031	Super 90
49	0.1	32032	100/A6
0	0.0	32033	Fox
1	0.0	32034	4000
1	0.0	32035	5000
0	0.0	32036	80/90
0	0.0	32037	200

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
6	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
7	0.0	32040	S4/S6
2	0.0	32041	Cabriolet
111	0.1	32042	A4
6	0.0	32043	A3
9	0.0	32044	A8
3	0.0	32045	TT
0	0.0	32046	S8
0	0.0	32047	Allroad
2	0.0	32049	A5
0	0.0	32050	R8
0	0.0	32398	Other auto
41	0.1	32399	Unknown auto
9	0.0	32401	Q7
1	0.0	32402	Q5
2	0.0	32999	Unknown vehicle
Austin/Austin Healey			
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other automobile
0	0.0	33399	Unknown automobile
0	0.0	33999	Unknown vehicle
BMW			
3	0.0	34031	1600,2002
2	0.0	34032	Coupe
0	0.0	34033	Bavaria Sedan
310	0.4	34034	3-series
139	0.2	34035	5-series
10	0.0	34036	6-series
52	0.1	34037	7-series
0	0.0	34038	8-series
13	0.0	34039	Z3
4	0.0	34040	Z8
1	0.0	34041	V5
10	0.0	34042	Z4
4	0.0	34043	1 Series
1	0.0	34044	X6
0	0.0	34398	Other automobile
79	0.1	34399	Unknown automobile
58	0.1	34401	X5
22	0.0	34402	X3
0	0.0	34498	Other light truck
2	0.0	34499	Unknown light truck
0	0.0	34701	0-50cc
0	0.0	34702	51-124cc
0	0.0	34703	125-349cc

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	34704	350-449cc
7	0.0	34705	450-749cc
16	0.0	34706	750cc & over
7	0.0	34709	Unknown cc
1	0.0	34799	Unknown motorcycle
15	0.0	34999	Unknown vehicle
			Nissan/Datsun
0	0.0	35006	Murano
0	0.0	35031	F-10
42	0.1	35032	200/240SX
0	0.0	35033	B210/210/1200
20	0.0	35034	Z-car, ZX
1	0.0	35035	310
0	0.0	35036	510
0	0.0	35037	610
0	0.0	35038	710
486	0.6	35039	810/Maxima
2	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
9	0.0	35042	Stanza
525	0.7	35043	Sentra
0	0.0	35044	Pulsar
0	0.0	35045	Micra
2	0.0	35046	NX 1600/2000
961	1.2	35047	Altima
45	0.1	35048	350Z
104	0.1	35049	Murano
85	0.1	35050	Versa
40	0.1	35051	Rogue
2	0.0	35398	Other auto
282	0.4	35399	Unknown auto
224	0.3	35401	Pathfinder
178	0.2	35402	Xterra
53	0.1	35421	Armada
0	0.0	35441	Van
0	0.0	35442	Axxess
104	0.1	35443	Quest
304	0.4	35471	Frontier
96	0.1	35481	Titan
0	0.0	35498	Other light truck
40	0.1	35499	Unknown light truck
27	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other medium/heavy truck
2	0.0	35899	Unknown medium/heavy truck
0	0.0	35998	Other vehicle
52	0.1	35999	Unknown vehicle
			Fiat
0	0.0	36031	124 Coupe/Sedan
1	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava-131

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	36034	850 Coupe/Spyder
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other automobile
1	0.0	36399	Unknown automobile
0	0.0	36882	Medium/Heavy COE low entry
0	0.0	36883	Medium/Heavy COE high entry
0	0.0	36890	Medium/Heavy COE unknown entry
0	0.0	36898	Other medium/heavy truck
0	0.0	36899	Unknown medium/heavy truck
0	0.0	36998	Other vehicle
0	0.0	36999	Unknown vehicle
Honda			
1583	2.0	37031	Civic/CRX, del Sol
2037	2.6	37032	Accord
47	0.1	37033	Prelude
0	0.0	37034	600
8	0.0	37035	S2000
6	0.0	37037	Insight
0	0.0	37038	FCX
51	0.1	37039	Fit
0	0.0	37398	Other automobile
419	0.5	37399	Unknown automobile
66	0.1	37401	Passport
361	0.5	37402	CR-V
72	0.1	37403	Element
172	0.2	37421	Pilot
356	0.5	37441	Odyssey
35	0.0	37471	Ridgeline
0	0.0	37498	Other light truck
19	0.0	37499	Unknown light trk
3	0.0	37701	0-50cc
3	0.0	37702	51-124cc
17	0.0	37703	125-349cc
2	0.0	37704	350-449cc
130	0.2	37705	450-749cc
177	0.2	37706	750cc & over
60	0.1	37709	Unknown cc
1	0.0	37731	ATC/ATV 0-50cc
1	0.0	37732	ATC/ATV 51-124cc
4	0.0	37733	ATC/ATV 125-349cc
5	0.0	37734	ATC/ATV 350cc & over
2	0.0	37739	ATC/ATV Unknown cc
22	0.0	37798	Oth motored cycle
0	0.0	37799	Unknown motored cycle
79	0.1	37999	Unknown vehicle
Isuzu			
1	0.0	38031	I-Mark
1	0.0	38032	Impulse

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	38033	Stylus
0	0.0	38398	Other automobile
1	0.0	38399	Unknown automobile
34	0.0	38401	Trooper/Trooper II
164	0.2	38402	Rodeo
9	0.0	38403	Amigo
2	0.0	38404	Vehicross
7	0.0	38405	Axiom
7	0.0	38421	Ascender
2	0.0	38441	Oasis
12	0.0	38471	P/up Pickup Hombre
5	0.0	38473	i-280/i-290
0	0.0	38498	Other light truck
6	0.0	38499	Unknown light truck
10	0.0	38881	Medium/Heavy CBE
91	0.1	38882	Medium/Heavy COE low entry
0	0.0	38883	Med/Hvy COE high entry
8	0.0	38884	Med/Hvy unknown engine location
20	0.0	38890	Medium/Heavy COE unknown entry position
0	0.0	38898	Other medium/heavy truck
6	0.0	38899	Unknown medium/heavy truck
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	38998	Other vehicle
7	0.0	38999	Unknown vehicle
Jaguar			
3	0.0	39031	XJ-S Coupe
26	0.0	39032	XJ6/12 Sedan/Coupe/XJ-8/ Vandan Plas
2	0.0	39033	XKE
21	0.0	39034	X100 (97-98) / S-Type
34	0.0	39035	X-Type
0	0.0	39398	Other automobile
10	0.0	39399	Unknown automobile
0	0.0	39999	Unknown vehicle
Lancia			
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Beta Coupe/Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other automobile
0	0.0	40399	Unknown automobile
0	0.0	40999	Unknown vehicle
Mazda			
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
7	0.0	41034	RX7
169	0.2	41035	GLC/323/Protege

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	41036	Cosmo
187	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
6	0.0	41043	929
18	0.0	41044	MX-6
54	0.1	41045	Miata
2	0.0	41046	MX-3
39	0.1	41047	Millenia
0	0.0	41048	MP3
16	0.0	41049	RX-8
139	0.2	41050	Mazda 6
172	0.2	41051	Mazda 3
20	0.0	41052	Mazda 5
20	0.0	41053	CX-7
14	0.0	41054	CX9
0	0.0	41398	Other auto
74	0.1	41399	Unknown automobile
3	0.0	41401	Navajo
83	0.1	41402	Tribute
57	0.1	41441	MPV
100	0.1	41471	Mazda pickup
0	0.0	41498	Other light truck
4	0.0	41499	Unknown light truck
12	0.0	41999	Unknown vehicle
Mercedes Benz			
49	0.1	42031	200/220/230/240/250/260/280/300/320/420
0	0.0	42032	230/280 SL 2-passenger
5	0.0	42033	300/350/380/450/500 SL/560 SL 2-passenger
4	0.0	42034	350/380/420/450/560 SLC
2	0.0	42035	280/300 SEL
10	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
3	0.0	42037	300 SE/380/450 SE
0	0.0	42038	600,6.9 Sedan
11	0.0	42039	190
26	0.0	42040	300
9	0.0	42041	400/500 E
130	0.2	42042	220/280 C
41	0.1	42043	S class
12	0.0	42044	SL class
21	0.0	42045	SLK
14	0.0	42046	CL class
32	0.0	42047	CLK
111	0.1	42048	E class (96-on)
1	0.0	42049	SLR McLaren
8	0.0	42050	R class
15	0.0	42051	CLS class
0	0.0	42398	Other automobile

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
56	0.1	42399	Unknown automobile
62	0.1	42401	M class
14	0.0	42402	G class
0	0.0	42470	Van derivative
0	0.0	42498	Other light truck
3	0.0	42499	Unknown light truck
0	0.0	42881	Medium/Heavy 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 unknown engine location
0	0.0	42890	Med/Hvy COE unknown entry position
0	0.0	42898	Other medium/heavy truck
0	0.0	42899	Unknown medium/heavy truck
0	0.0	42981	Medium bus
0	0.0	42988	Other bus
2	0.0	42989	Unknown Bus type
20	0.0	42999	Unknown vehicle
MG			
0	0.0	43031	Midget
0	0.0	43032	MGB (76-79)
2	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
1	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other automobile
0	0.0	43399	Unknown automobile
0	0.0	43999	Unknown vehicle
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
1	0.0	44036	405
0	0.0	44398	Other automobile
0	0.0	44399	Unknown automobile
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unknown cc
0	0.0	44799	Unknown motored cycle
0	0.0	44999	Unknown vehicle
Porsche			
14	0.0	45031	911
0	0.0	45032	912
0	0.0	45033	914
0	0.0	45034	924
1	0.0	45035	928
1	0.0	45036	930
2	0.0	45037	944

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	45038	959
0	0.0	45039	968
9	0.0	45040	986 Boxster
0	0.0	45041	Cayman
0	0.0	45398	Other automobile
3	0.0	45399	Unknown automobile
16	0.0	45421	Cayenne
2	0.0	45999	Unknown vehicle
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
0	0.0	46038	Fuego
1	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
0	0.0	46044	Medallion
0	0.0	46045	Premier
0	0.0	46398	Other automobile
0	0.0	46399	Unknown automobile
0	0.0	46999	Unknown vehicle
Saab			
13	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96/97
7	0.0	47034	9000, CS
39	0.1	47035	9-3
8	0.0	47036	9-5
3	0.0	47037	9-2X
0	0.0	47398	Other automobile
28	0.0	47399	Unknown automobile
8	0.0	47401	9-7X
0	0.0	47499	Unknown Light Truck
1	0.0	47999	Unknown vehicle
Subaru			
3	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale
0	0.0	48032	Star
0	0.0	48033	360
222	0.3	48034	Legacy
0	0.0	48035	XT/XT6
0	0.0	48036	Justy
0	0.0	48037	SVX
104	0.1	48038	Impreza
0	0.0	48043	Brat DL, GL
7	0.0	48044	Baja
33	0.0	48045	Outback

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	48398	Other automobile
95	0.1	48399	Unknown automobile
110	0.1	48401	Forester
9	0.0	48402	B9 Tribeca
0	0.0	48498	Other light truck
6	0.0	48499	Unknown light truck
58	0.1	48999	Unknown vehicle
			Toyota
1	0.0	49031	Corona
1197	1.5	49032	Corolla
103	0.1	49033	Celica
6	0.0	49034	Supra
5	0.0	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
62	0.1	49038	Tercel
0	0.0	49039	Starlet
1737	2.2	49040	Camry
5	0.0	49041	MR-2
12	0.0	49042	Paseo
258	0.3	49043	Avalon
90	0.1	49044	Solara
39	0.1	49045	Echo
149	0.2	49046	Prius
16	0.0	49048	Scion XA
69	0.1	49049	Scion XB
127	0.2	49050	Scion TC
106	0.1	49051	Yaris
9	0.0	49052	Scion XD
7	0.0	49053	Venza
0	0.0	49398	Other automobile
475	0.6	49399	Unknown automobile
408	0.5	49401	4-Runner
254	0.3	49402	RAV-4
177	0.2	49403	Highlander
84	0.1	49404	Matrix
31	0.0	49405	FJ Cruiser
33	0.0	49421	Landcruiser
82	0.1	49422	Sequoia
28	0.0	49441	Minivan (84-90)/Previa (91-98)
261	0.3	49442	Sienna
129	0.2	49471	Pickup
405	0.5	49472	Takoma
18	0.0	49481	T-100
231	0.3	49482	Tundra
5	0.0	49498	Other light truck
73	0.1	49499	Unknown light truck
88	0.1	49999	Unknown vehicle
			Triumph
0	0.0	50031	Spitfire

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
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 automobile
0	0.0	50399	Unknown automobile
0	0.0	50701	0-50cc
0	0.0	50702	51-124 cc
0	0.0	50703	125-349 cc
0	0.0	50704	350-449 cc
1	0.0	50705	450-749 cc
13	0.0	50706	750cc & over
9	0.0	50709	Unknown cc
0	0.0	50799	Unknown motored cycle
0	0.0	50999	Unknown vehicle
Volvo			
3	0.0	51031	122
0	0.0	51032	142/144/145
1	0.0	51033	164
27	0.0	51034	240/242/244/245
1	0.0	51035	262/264/265
1	0.0	51036	1800
0	0.0	51037	P-544
2	0.0	51038	760/780
13	0.0	51039	740
11	0.0	51040	940
5	0.0	51041	960
40	0.1	51042	850
107	0.1	51043	70 series
5	0.0	51044	90 series
49	0.1	51045	80 series
62	0.1	51046	40 series
53	0.1	51047	60 series
7	0.0	51048	V50
3	0.0	51049	C30
1	0.0	51398	Other automobile
57	0.1	51399	Unknown automobile
39	0.1	51401	XC90
308	0.4	51881	Medium/Heavy CBE
8	0.0	51882	Medium/Heavy COE low entry
0	0.0	51883	Medium/Heavy COE high entry
70	0.1	51884	Medium/Heavy unknown engine location
3	0.0	51890	Medium/Heavy COE unknown entry position
2	0.0	51898	Other medium/heavy truck
14	0.0	51899	Unknown medium/heavy truck
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
0	0.0	51989	Unknown type bus
12	0.0	51999	Unknown vehicle

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
			Mitsubishi
0	0.0	52031	Starion
0	0.0	52032	Tredia
0	0.0	52033	Cordia
246	0.3	52034	Galant
68	0.1	52035	Mirage
0	0.0	52036	Precis
185	0.2	52037	Eclipse
0	0.0	52038	Sigma
15	0.0	52039	3000 GT
29	0.0	52040	Diamante
114	0.1	52046	Lancer
0	0.0	52398	Other automobile
72	0.1	52399	Unknown automobile
126	0.2	52401	Montero
34	0.0	52402	Outlander
37	0.0	52403	Endeavor
0	0.0	52441	Minivan
2	0.0	52442	Expo wagon
5	0.0	52471	Pickup
4	0.0	52472	Raider/Durocross
0	0.0	52498	Other light truck
4	0.0	52499	Unknown light truck
36	0.0	52882	Medium/Heavy COE low entry
0	0.0	52898	Other medium/heavy truck
3	0.0	52899	Unknown medium/heavy 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
5	0.0	52999	Unknown vehicle
			Suzuki
0	0.0	53031	SA310
3	0.0	53034	Swift
13	0.0	53035	Esteem
19	0.0	53036	Aerio
73	0.1	53037	Forenza
8	0.0	53038	Verona
8	0.0	53039	Reno
15	0.0	53040	SX4
0	0.0	53398	Other automobile
16	0.0	53399	Unknown automobile
2	0.0	53401	Samurai
25	0.0	53402	Sidekick/Grand Vitara
20	0.0	53403	X-90/Vitara
30	0.0	53404	Grand Vitara
46	0.1	53405	XL7
0	0.0	53498	Other light truck
4	0.0	53499	Unknown light truck
1	0.0	53701	0-50cc
3	0.0	53702	51-124cc

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
4	0.0	53703	125-349cc
5	0.0	53704	350-449cc
159	0.2	53705	450-749cc
146	0.2	53706	750cc & over
58	0.1	53709	Unknown cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
0	0.0	53733	ATC/ATV 125-349cc
4	0.0	53734	ATC/ATV 350cc & over
1	0.0	53739	ATC/ATV unknown cc
9	0.0	53798	Other motored cycle
5	0.0	53799	Unknown motored cycle
12	0.0	53999	Unknown vehicle
Acura			
108	0.1	54031	Integra
95	0.1	54032	Legend (86-95) RL (96-2000)
0	0.0	54033	NSX
4	0.0	54034	Vigor
233	0.3	54035	CL / TL
41	0.1	54038	RSX
51	0.1	54039	TSX
0	0.0	54398	Other automobile
64	0.1	54399	Unknown automobile
2	0.0	54401	SLX
9	0.0	54402	RDX
97	0.1	54421	MDX
0	0.0	54498	Other light truck
1	0.0	54499	Unknown light truck
0	0.0	54998	Other vehicle
9	0.0	54999	Unknown vehicle
Hyundai			
0	0.0	55031	Pony
3	0.0	55032	Excel
280	0.4	55033	Sonata
1	0.0	55034	Scoupe
314	0.4	55035	Elantra
186	0.2	55036	Accent
56	0.1	55037	Tiburon
37	0.0	55038	XG300/350
14	0.0	55039	Azera
2	0.0	55041	Genesis
1	0.0	55398	Other automobile
148	0.2	55399	Unknown automobile
158	0.2	55401	Santa Fe
35	0.0	55402	Tucson
4	0.0	55403	Veracruz
3	0.0	55441	Entourage
0	0.0	55498	Other light truck
3	0.0	55499	Unknown light truck
17	0.0	55999	Unknown vehicle

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
			Merkur
0	0.0	56031	XR4Ti
0	0.0	56032	Scorpio
0	0.0	56398	Other automobile
0	0.0	56399	Unknown automobile
0	0.0	56999	Unknown vehicle
			Yugo
0	0.0	57031	GV
0	0.0	57398	Other automobile
0	0.0	57399	Unknown automobile
0	0.0	57999	Unknown vehicle
			Infiniti
0	0.0	58031	M30
24	0.0	58032	Q45
37	0.0	58033	G20
24	0.0	58034	J30
67	0.1	58035	I30
19	0.0	58036	I35
122	0.2	58037	G35
19	0.0	58038	M45
19	0.0	58039	FX35/45
4	0.0	58040	EX35
0	0.0	58398	Other automobile
32	0.0	58399	Unknown automobile
39	0.1	58401	QX4
8	0.0	58421	QX56
0	0.0	58498	Other light truck
3	0.0	58499	Unknown light truck
8	0.0	58999	Unknown vehicle
			Lexus
247	0.3	59031	ES-250/ES-300
94	0.1	59032	LS-400
12	0.0	59033	SC-400/SC-300
78	0.1	59034	GS300/GS400
75	0.1	59035	IS-300
14	0.0	59036	SC-430
0	0.0	59398	Other automobile
63	0.1	59399	Unknown automobile
102	0.1	59401	RX300
24	0.0	59402	GX470
90	0.1	59403	RX330/350/400h
18	0.0	59421	LX-450/LX-470
1	0.0	59498	Other light truck
6	0.0	59499	Unknown light truck
14	0.0	59999	Unknown vehicle
			Daihatsu
0	0.0	60031	Charade
0	0.0	60398	Other automobile

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	60399	Unknown automobile
1	0.0	60401	Rocky
0	0.0	60498	Other light truck
0	0.0	60499	Unknown light truck
0	0.0	60999	Unknown vehicle
			Sterling
0	0.0	61031	827S
0	0.0	61398	Other automobile
0	0.0	61399	Unknown automobile
0	0.0	61999	Unknown vehicle
			Land Rover
26	0.0	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
23	0.0	62421	County LWB (RR)/County Classic (RR)
25	0.0	62422	4.0 SE (RR)/Defender 90 (LR)/Freelander
7	0.0	62423	LR3
3	0.0	62424	LR2
1	0.0	62498	Other light truck
6	0.0	62499	Unknown light truck
9	0.0	62999	Unknown vehicle
			KIA
53	0.1	63031	Sephia
193	0.2	63032	Spectra
83	0.1	63033	Rio
103	0.1	63034	Optima
7	0.0	63035	Amanti
18	0.0	63036	Rondo
4	0.0	63037	Soul
5	0.0	63038	Forte
0	0.0	63398	Other automobile
35	0.0	63399	Unknown automobile
92	0.1	63401	Sportage
87	0.1	63402	Sorrento
91	0.1	63441	Sedona
0	0.0	63498	Other light truck
4	0.0	63499	Unknown light truck
15	0.0	63999	Unknown vehicle
			DAEWOO
10	0.0	64031	Lanos
12	0.0	64032	Nubira
12	0.0	64033	Leganza
0	0.0	64398	Other automobile
2	0.0	64399	Unknown automobile
0	0.0	64999	Unknown vehicle
			SMART
5	0.0	65031	ForTwo
0	0.0	65398	Other automobile

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	65399	Unknown automobile
0	0.0	65999	Unknown vehicle
			Other Foreign
2	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citreon
0	0.0	69034	Delorean
1	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
3	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
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
50	0.1	69054	Mini Cooper (GES years 2008-Later. Mini Cooper MAKE/MODEL=65031 in GES years 2002-2007)
1	0.0	69398	Other make
0	0.0	69399	Unknown make
0	0.0	69498	Other light truck
0	0.0	69898	Other medium/heavy truck
0	0.0	69988	Other bus
0	0.0	69999	Unknown foreign manufacturer
			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
0	0.0	70798	Other motored cycle
0	0.0	70799	Unknown motorcycle
			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
2	0.0	71705	450-749cc
15	0.0	71706	750cc & over
6	0.0	71709	Unknown cc
0	0.0	71798	Other motored cycle

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	71799	Unknown motorcycle
			Harley-Davidson
0	0.0	72701	0-50cc
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
2	0.0	72705	450-749cc
561	0.7	72706	750cc & over
115	0.1	72709	Unknown cc
0	0.0	72798	Other motored cycle
0	0.0	72799	Unknown motorcycle
			Kawasaki
0	0.0	73701	0-50cc
1	0.0	73702	51-124cc
27	0.0	73703	125-349cc
2	0.0	73704	350-449cc
90	0.1	73705	450-749cc
89	0.1	73706	750cc & over
43	0.1	73709	Unknown cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
0	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
0	0.0	73739	ATC/ATV unknown cc
1	0.0	73798	Other motored cycle
1	0.0	73799	Unknown motorcycle
			Moto-Guzzi
0	0.0	74701	0-50cc
0	0.0	74702	51-124cc
0	0.0	74703	125-349cc
0	0.0	74704	350-449cc
2	0.0	74705	450-749cc
0	0.0	74706	750cc & over
0	0.0	74709	Unknown cc
0	0.0	74731	ATC/ATV 0-50cc
0	0.0	74732	ATC/ATV 51-124cc
0	0.0	74733	ATC/ATV 125-349cc
0	0.0	74734	ATC/ATV 350cc & over
0	0.0	74739	ATC/ATV unknown cc
0	0.0	74798	Other motored cycle
0	0.0	74799	Unknown motorcycle
			Norton
0	0.0	75701	0-50cc
0	0.0	75702	51-124cc
0	0.0	75703	125-349cc
0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	75709	Unknown cc
0	0.0	75798	Other motored cycle
0	0.0	75799	Unknown motorcycle
Yamaha			
0	0.0	76701	0-50cc
5	0.0	76702	51-124cc
8	0.0	76703	125-349cc
3	0.0	76704	350-449cc
110	0.1	76705	450-749cc
82	0.1	76706	750cc & over
43	0.1	76709	Unknown cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
3	0.0	76733	ATC/ATV 125-349cc
5	0.0	76734	ATC/ATV 350cc & over
3	0.0	76739	ATC/ATV unknown cc
14	0.0	76798	Oth motored cycle
2	0.0	76799	Unknown motorcycle
3	0.0	76998	Other vehicle
Other Make Moped			
1	0.0	78701	0-50cc
0	0.0	78702	51-124cc
0	0.0	78703	125-349cc
0	0.0	78704	350-449cc
0	0.0	78705	450-749cc
0	0.0	78706	750cc & over
99	0.1	78709	Unknown cc
9	0.0	78798	Oth motored cycle
6	0.0	78799	Unknown motorcycle
Other Make Motored Cycle			
0	0.0	79701	0-50cc
1	0.0	79702	51-124cc
3	0.0	79703	125-349cc
0	0.0	79704	350-449cc
4	0.0	79705	450-749cc
20	0.0	79706	750cc & over
71	0.1	79709	Unknown cc
0	0.0	79731	ATC/ATV 0-50cc
1	0.0	79732	ATC/ATV 51-124cc
0	0.0	79733	ATC/ATV 125-349cc
4	0.0	79734	ATC/ATV 350cc & over
18	0.0	79739	ATC/ATV unknown cc
44	0.1	79798	Other motored cycle
24	0.0	79799	Unknown motorcycle
Brockway			
0	0.0	80850	Medium/Heavy truck-based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	80883	Med/Hvy COE high entry
0	0.0	80884	Med/Hvy Unknown engine location
0	0.0	80890	Med/Hvy COE Unknown entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unknown medium/heavy truck
0	0.0	80950	Bus-based motorhome
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus type
0	0.0	80999	Unknown vehicle
Diamond Reo/Reo			
0	0.0	81850	M/H 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 Unknown engine location
0	0.0	81890	Med/Hvy COE Unknown entry position
0	0.0	81898	Other medium/heavy truck
0	0.0	81899	Unknown medium/heavy truck
0	0.0	81950	Bus-based motorhome
0	0.0	81988	Other bus
0	0.0	81989	Unknown bus type
0	0.0	81999	Unknown vehicle
Freightliner/White			
10	0.0	82461	Sprinter/Advantage
1	0.0	82470	M-Line Walk in van
0	0.0	82498	Other light truck
0	0.0	82499	Unknown light truck
4	0.0	82850	M/H truck-based motorhome
1374	1.8	82881	Medium/Hvy CBE
3	0.0	82882	Medium/Hvy COE low entry
19	0.0	82883	Medium/Hvy COE high entry
181	0.2	82884	Medium/Hvy Unknown engine location
10	0.0	82890	Medium/Hvy COE Unknown entry position
4	0.0	82898	Other medium/hvy trk
23	0.0	82899	Unknown medium/hvy trk
0	0.0	82950	Bus-based motorhome
8	0.0	82981	Bus conventional engine out front
1	0.0	82982	Bus flat front, front engine
0	0.0	82983	Bus flat front, rear engine
25	0.0	82988	Other bus
2	0.0	82989	Unknown bus type
0	0.0	82998	Other vehicle
0	0.0	82999	Unknown vehicle
FWD			
0	0.0	83850	M/H 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
1	0.0	83884	Med/Hvy Unknown engine location

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	83890	Med/Hvy COE Unknown entry position
0	0.0	83898	Other medium/heavy truck
0	0.0	83899	Unknown medium/heavy truck
0	0.0	83950	Bus-based motorhome
0	0.0	83988	Other bus
0	0.0	83989	Unknown bus type
0	0.0	83999	Unknown vehicle
International Harvester/Navistar			
1	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistep Van
0	0.0	84481	Pickup
0	0.0	84498	Other lt trk
0	0.0	84499	Unknown light truck
0	0.0	84850	M/H truck-based motorhome
875	1.1	84881	Medium/Heavy CBE
2	0.0	84882	Medium/Heavy COE low entry
12	0.0	84883	Medium/Heavy COE high entry
163	0.2	84884	Medium/Heavy unknown engine location
7	0.0	84890	Medium/Heavy COE unknown entry position
2	0.0	84898	Other medium/heavy truck
22	0.0	84899	Unknown medium/heavy truck
0	0.0	84950	Bus-based motorhome
25	0.0	84981	Conventional bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
28	0.0	84988	Other bus
7	0.0	84989	Unknown bus type
3	0.0	84998	Other vehicle
0	0.0	84999	Unknown vehicle
Kenworth			
0	0.0	85850	M/H truck-based motorhome
463	0.6	85881	Med/Hvy CBE
0	0.0	85882	Medium/Heavy COE low entry
0	0.0	85883	Medium/Heavy COE high entry
69	0.1	85884	Medium/Heavy Unknown engine location
1	0.0	85890	Medium/Heavy COE Unknown entry position
0	0.0	85898	Other medium/heavy truck
1	0.0	85899	Unknown medium/heavy truck
0	0.0	85950	Bus-based motorhome
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus type
0	0.0	85999	Unknown
Mack			
0	0.0	86850	M/H truck-based motorhome
317	0.4	86881	Medium/Heavy CBE
49	0.1	86882	Medium/Heavy COE low entry
1	0.0	86883	Medium/Heavy COE high entry
82	0.1	86884	Medium/Heavy Unknown engine location

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
2	0.0	86890	Medium/Heavy COE Unknown entry position
0	0.0	86898	Other medium/heavy truck
4	0.0	86899	Unknown medium/heavy truck
0	0.0	86950	Bus-based motorhome
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus type
0	0.0	86998	Other vehicle
0	0.0	86999	Unknown
Peterbilt			
0	0.0	87850	M/H truck-based motorhome
528	0.7	87881	Medium/Heavy CBE
8	0.0	87882	Medium/Heavy COE low entry
3	0.0	87883	Medium/Heavy COE high entry
71	0.1	87884	Medium/Heavy Unknown engine location
2	0.0	87890	Medium/Heavy COE Unknown entry position
0	0.0	87898	Other medium/heavy truck
2	0.0	87899	Unknown medium/heavy truck
0	0.0	87950	Bus-based motorhome
0	0.0	87988	Other bus
0	0.0	87989	Unknown bus type
0	0.0	87999	Unknown
Iveco/Magirus			
0	0.0	88850	Medium/Heavy truck-based motorhome
0	0.0	88881	Medium/Heavy CBE
0	0.0	88882	Medium/Heavy COE low entry
0	0.0	88883	Medium/Heavy COE high entry
0	0.0	88884	Medium/Heavy Unknown engine location
0	0.0	88890	Medium/Heavy COE Unknown entry position
0	0.0	88898	Other medium/heavy truck
0	0.0	88899	Unknown medium/heavy truck
0	0.0	88950	Bus-based motorhome
0	0.0	88988	Other bus
0	0.0	88989	Unknown bus type
0	0.0	88999	Unknown
Other Make			
0	0.0	98398	Other Automobile
0	0.0	98498	Other Light truck
1	0.0	98499	Unknown Light truck
0	0.0	98701	Motorcycle 0-50cc
0	0.0	98702	Motorcycle 51-124cc
0	0.0	98703	Motorcycle 125-349cc
0	0.0	98704	Motorcycle 350-449cc
0	0.0	98705	Motorcycle 450-749cc
0	0.0	98706	Motorcycle 750cc & over
0	0.0	98709	Unknown cc
0	0.0	98731	ATC/ATV 0-50cc
0	0.0	98732	ATC/ATV 51-124cc
0	0.0	98733	ATC/ATV 125-349cc
0	0.0	98734	ATC/ATV 350-449cc

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	98739	ATC/ATV unknown cc
0	0.0	98799	Unknown motored cycle
20	0.0	98801	AUTOCAR
0	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
57	0.1	98804	WESTERN STAR
3	0.0	98805	OSHKOSH
63	0.1	98806	HINO
0	0.0	98807	SCANIA
174	0.2	98808	Sterling trucks
4	0.0	98850	Medium/Heavy truck-based motorhome
0	0.0	98881	Medium/Heavy CBE
0	0.0	98882	Medium/Heavy COE low entry
0	0.0	98883	Medium/Heavy COE high entry
0	0.0	98884	Medium/Heavy Unknown engine location
0	0.0	98890	Medium/Heavy COE unknown entry
74	0.1	98898	Other medium/heavy truck
2	0.0	98902	Bus NEOPLAN
0	0.0	98950	Bus-based motorhome
0	0.0	98981	Conventional Bus
0	0.0	98982	Bus front engine
0	0.0	98983	Bus rear engine
201	0.3	98988	Other bus
0	0.0	98989	Unknown bus type
47	0.1	98998	Other vehicle
0	0.0	98999	Unknown vehicle
Unknown Make			
323	0.4	99399	Unknown automobile
277	0.4	99499	Unknown light truck
0	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
0	0.0	99706	Motorcycle 750cc & over
0	0.0	99709	Unknown cc
0	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc
0	0.0	99733	ATC/ATV 125-349cc
0	0.0	99734	ATC/ATV 350-449cc
0	0.0	99739	ATC/ATV unknown cc
0	0.0	99798	Other motored cycle
79	0.1	99799	Unknown motored cycle
0	0.0	99850	Medium/Heavy truck-based motorhome
0	0.0	99881	Medium/Heavy CBE
0	0.0	99882	Medium/Heavy COE low entry
0	0.0	99883	Medium/Heavy COE high entry
0	0.0	99884	Medium/Heavy unknown engine location
0	0.0	99890	Medium/Heavy COE unknown entry position
0	0.0	99898	Other medium/heavy trk
291	0.4	99899	Unknown medium/heavy truck

Variable 106:MAKE/MODEL (Continued)

2009	Prcnt	Code	Value and Description
0	0.0	99950	Bus-based Motorhome
0	0.0	99981	Conventional bus
0	0.0	99982	Bus-flat front, front engine
0	0.0	99983	Bus-flat front, rear engine
13	0.0	99988	Other bus
12	0.0	99989	Unknown bus type
0	0.0	99998	Other vehicle
905	1.2	99999	Unknown vehicle

Variable 107	MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - MODEL_YR

2009	Prcnt	Code	Value and Description
1	0.0	1936	1936
1	0.0	1941	1941
		-	
2562	3.3	1995	1995
2620	3.4	1996	1996
3315	4.3	1997	1997
3675	4.7	1998	1998
4341	5.6	1999	1999
5140	6.6	2000	2000
4957	6.4	2001	2001
5271	6.8	2002	2002
5186	6.7	2003	2003
5118	6.6	2004	2004
5616	7.2	2005	2005
5406	7.0	2006	2006
5984	7.7	2007	2007
4859	6.3	2008	2008
2604	3.4	2009	2009
316	0.4	2010	2010
2401	3.1	9999	Unknown

Variable 108	BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BODY_TYP

2009	Prcnt	Code	Value and Description
			Automobiles
676	0.9	1	Convertible (excludes sun roof, t-bar)
4202	5.4	2	2-door sedan, hardtop, coupe
1094	1.4	3	3-door/2-door hatchback

Variable 108:BODY TYPE (Continued)

2009	Prcnt	Code	Value and Description
25229	32.5	4	4-door sedan, hardtop
619	0.8	5	5-door/4-door hatchback
1912	2.5	6	Station wagon (excluding van and truck based)
9	0.0	7	Hatchback, number of doors unknown
4	0.0	8	Other automobile type
5609	7.2	9	Unknown automobile type
Automobile Derivatives			
16	0.0	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit Pickup)
3	0.0	11	Auto-based panel (cargo station wagon, auto-based ambulance/hearse)
3	0.0	12	Large limousine (more than four side doors or stretched chassis)
0	0.0	13	Three wheeled automobile or automobile derivative
Utility Vehicles			
8937	11.5	14	Compact utility (Jeep CJ2-CJ7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [post-'84], Dispatcher, Raider Bronco II, Bronco [pre '77], Explorer, S-10 Blazer, etc.)
2509	3.2	15	Large utility (Jeep Cherokee 83 and before, Ramcharger, Trailduster; Full-size Bronco[post-'78], Blazer, & Jimmy; Hummer, Land Cruiser, Rover, Scout, Yukon, Expedition, Navigator, etc.)
423	0.5	16	Utility station wagon (Chevrolet Suburban, GMC Suburban, Travelall, Grand Wagoneer, and Suburban limousine)
116	0.1	17	3-door coupe (passenger car, added in 1999)
196	0.3	19	Utility vehicle, unknown body type
Van-Based Light Trucks (<=4,536 kg GVWR)			
3362	4.3	20	Minivan (Chrysler Town & Country, Astro, Caravan, Grand Caravan, Plymouth Vista, Aerostar, Safari, Voyager, Mini-Ram, Dodge/Plymouth Vista, Toyota Van/Cargo Van, Vanagon, VW Bus, etc.)
802	1.0	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, Ram Van, Chateau, E150-E350, G10-G30, Ram Wagon, Vandura, Rally Voyager (pre-1983), Beauville, Sportsman, B150-B350, etc.)
8	0.0	22	Step van or walk-in van (<=4,536 kg GVWR)
14	0.0	23	Van-based motorhome
10	0.0	24	Van-based school bus (added in 1993)
70	0.1	25	Van-based other bus (added in 1993)
158	0.2	28	Other van type (Hi-Cube, Kary)
205	0.3	29	Unknown van type
Light Conventional Trucks (pickup style cab, <=4,536 kg GVWR)			
2774	3.6	30	Compact pickup(<4,500 lbs GVWR, S5-S15, LUV, Ram 50&100, Rampage, Courier, Ranger, Pup, Mazda PU, Mitsubishi Truck, Datsun/Nissan PU, Arrow PU (foreign), Scamp, Toyota PU, VW PU, D50, Colt, etc.)

Variable 108:BODY TYPE (Continued)

2009	Prcnt	Code	Value and Description
6309	8.1	31	Large/standard pickup (Jeep Pickup, Comanche, Ram Pickup, Silverado, Sierra, K10-K35, D100-D350, W100-W350, F100-F350, R100-R500, R10-R35, V10-V35, T100)
2	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
666	0.9	39	Unknown (pickup style) light conventional truck
Other Light Trucks (<=4,536 kg GVWR)			
79	0.1	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck-based panel
1	0.0	42	Light truck-based motorhome (chassis mounted)
1	0.0	45	Other light truck type
371	0.5	48	Unknown light truck type (utility, van, pickup, or other light truck)
1204	1.6	49	Unknown light vehicle type (automobile, utility, van, or light truck)
Buses (excludes van-based)			
154	0.2	50	School bus type (designed to carry students, not cross country or transit)
210	0.3	58	Other bus type (transit, intercity, bus-based motorhome)
15	0.0	59	Unknown bus type
Medium/Heavy Trucks (>4,536 kg GVWR)			
12	0.0	60	Step Van
2298	3.0	64	Single unit straight truck
15	0.0	65	Medium/heavy truck-based motorhome
3721	4.8	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
247	0.3	78	Unknown medium/heavy truck type
31	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (does not include all terrain vehicles/cycles)			
2181	2.8	80	Motorcycle
116	0.1	81	Moped (motorized bicycle)
6	0.0	82	Three wheeled motorcycle or moped
99	0.1	88	Other motored cycle type (minibike, motorscooter)
29	0.0	89	Unknown motored cycle type
Other Vehicles			
64	0.1	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
0	0.0	91	Snowmobile
23	0.0	92	Farm equipment other than trucks
9	0.0	93	Construction equipment other than trucks (includes graders)
23	0.0	97	Other type vehicle (includes go-cart, fork lift, city street sweeper)
748	1.0	99	Unknown body type

Variable 109	CARGO BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CARGO_BT (was CARG_TYP)

2009	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
70132	90.4	0	Not applicable
1981	2.6	1	Van/enclosed box
317	0.4	2	Cargo tank
588	0.8	3	Flatbed
467	0.6	4	Dump
45	0.1	5	Concrete mixer
74	0.1	6	Auto transporter
207	0.3	7	Garbage/refuse
53	0.1	8	Grain/chips/gravel
13	0.0	9	Pole-trailer
17	0.0	10	Log
20	0.0	11	Intermodal container chassis
8	0.0	12	Vehicle towing another vehicle
382	0.5	22	Bus
162	0.2	96	No cargo body
204	0.3	97	Other
1752	2.3	98	Unknown cargo body type
1172	1.5	99	Unknown

Variable 110	VIN	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN

Variable 111	SPECIAL USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SPEC_USE

Vehicle special use (this trip)

2009	Prcnt	Code	Value and Description
75846	97.7	0	No special use
81	0.1	1	Taxi
166	0.2	2	Vehicle used as school bus
281	0.4	3	Vehicle used as other bus
2	0.0	4	Military
226	0.3	5	Police
40	0.1	6	Ambulance

Variable 111:SPECIAL USE (Continued)

2009 Prcnt	Code	Value and Description
49	0.1	7 Fire truck
14	0.0	8 Emergency services vehicle
889	1.1	9 Unknown

Variable 112	<u>HAZARDOUS MATERIAL ID NO</u>	Width: 5	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - HAZ_ID (was HAZM_NO)

Hazardous materials placard number

2009 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
77476	99.8	0 Not applicable
1	0.0	107
		- Placard number
1	0.0	3265
29	0.0	8888 Not reported

Variable 113	<u>HAZARD MATERIALS PLACARD</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HAZ_PLAC (was HAZ_MAT)

Hazardous materials placarded

2009 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
77476	99.8	0 Not applicable
1	0.0	1 No
105	0.1	2 Yes
12	0.0	8 Not reported

Variable 114	<u>HAZARD MATERIALS RELEASE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HAZ_REL (was HAZ_MA_R)

Hazardous materials release

2009 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
77476	99.8	0 Not applicable

Variable 114:HAZARD MATERIALS RELEASE (Continued)

2009 Prcnt	Code	Value and Description
91	0.1	1 No
23	0.0	2 Yes
4	0.0	8 Not reported

Variable 115	<u>HAZ MATERIALS INVOLVEMNT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HAZ_INV (new in 2009)

Hazardous materials involvement

2009 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
77476	99.8	1 No
118	0.2	2 Yes

Variable 116	<u>HAZ MATERIALS CLASS NUM</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HAZ_CNO (new in 2009)

Hazardous materials class number

2009 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
77476	99.8	0 Not applicable
3	0.0	1 Explosives
29	0.0	2 Gases
26	0.0	3 Flammable/combustible liquid
0	0.0	4 Flammable solid, spontaneously combustible, and dangerous when wet
5	0.0	5 Oxidizer and organic peroxide
0	0.0	6 Poison and poison inhalation hazard
2	0.0	7 Radioactive
6	0.0	8 Corrosive
3	0.0	9 Miscellaneous
44	0.1	88 Not reported

Variable 117	EMERGENCY USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EMER_USE (was EMCY_USE)

2009	Prcnt	Code	Value and Description
77398	99.7	0	No emergency use or not an applicable vehicle
157	0.2	1	Yes
39	0.1	9	Unknown

Variable 118	CARRIER'S ID NUMBER	Width: 9	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - CARIDNUM

Carrier's identification number

2009	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)

Variable 119	NUM OCCUPANTS INV IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NUMOCCS

Number of occupants involved, including drivers - only those coded by police, some states do not code uninjured occupants

2009	Prcnt	Code	Value and Description
186	0.2	0	None
58060	74.8	1	1 occupant
12958	16.7	2	2 occupants
3869	5.0	3	3 occupants
1604	2.1	4	4 occupants
609	0.8	5	5 occupants
166	0.2	6	6 occupants
66	0.1	7	7 occupants
28	0.0	8	8 occupants
10	0.0	9	9 occupants
7	0.0	10	10 occupants
		-	
1	0.0	43	43 occupants
0	0.0	96	96 or more occupants
0	0.0	99	Unknown

Variable 120	NUMBER OF OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - OCC_INVL

Number of occupants in vehicle - injured + uninjured - will be coded unknown if TOTAL number not indicated on police form

2009	Prcnt	Code	Value and Description
186	0.2	0	None
52770	68.0	1	1 occupant
13472	17.4	2	2 occupants
4072	5.2	3	3 occupants
1704	2.2	4	4 occupants
639	0.8	5	5 occupants
181	0.2	6	6 occupants
71	0.1	7	7 occupants
32	0.0	8	8 occupants
16	0.0	9	9 occupants
9	0.0	10	10 occupants
		-	
1	0.0	80	80 occupants
4358	5.6	99	Unknown number of occupants

Variable 121	TRAVEL SPEED	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - TRAV_SP (was SPEED)

2009	Prcnt	Code	Value and Description
9742	12.6	0	Stopped vehicle
91	0.1	1	
		-	Actual travel speed (MPH)
1	0.0	136	
14152	18.2	998	Not reported
31700	40.9	999	Unknown

Variable 122	VEHICLE TRAILING	Width: 1	Type: Numeric
		Dec: None	Miss: 6

NHTSA SAS Variable - TOW_VEH (was TRAILER)

2009	Prcnt	Code	Value and Description
72973	94.0	0	No
4034	5.2	1	Yes, 1 trailing unit
113	0.1	2	Yes, 2 trailing units
5	0.0	3	Yes, 3 or more trailing units
44	0.1	4	Yes, number of trailing units unknown
47	0.1	5	Vehicle towing another motor vehicle - fixed linkage

Variable 122:VEHICLE TRAILING (Continued)

2009 Prcnt	Code	Value and Description
3	0.0	6 Vehicle towing another motor vehicle - nonfixed linkage
375	0.5	9 Unknown

Variable 123	JACKKNIFE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - JACKKNIFE

2009 Prcnt	Code	Value and Description
77415	99.8	0 No jackknife noted on PAR
179	0.2	1 Jackknife occurred

Variable 124	ROLLOVER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ROLLOVER

2009 Prcnt	Code	Value and Description
74114	95.5	0 No rollover
2279	2.9	1 Rollover, tripped by object/vehicle
187	0.2	2 Untripped rollover
1014	1.3	9 Rollover, unknown type

Variable 125	ROLLOVER LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ROLINLOC

2009 Prcnt	Code	Value and Description
74114	95.5	0 No rollover
954	1.2	1 On roadway
114	0.1	2 On shoulder
393	0.5	3 On median/separator
57	0.1	4 In gore
1500	1.9	5 On roadway
217	0.3	6 Outside of trafficway
245	0.3	9 Unknown

Variable 126	FIRE OCCURRENCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FIRE_EXP (was FIRE)

2009	Prcnt	Code	Value and Description
77392	99.7	0	No or not reported
202	0.3	1	Yes

Variable 127	INITIAL POINT OF IMPACT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPACT

2009	Prcnt	Code	Value and Description
2323	3.0	0	No damage or noncollision
34857	44.9	1	Front
11163	14.4	2	Right side
11499	14.8	3	Left side
14094	18.2	4	Back
94	0.1	5	Top
312	0.4	6	Undercarriage
666	0.9	11	Front right corner
834	1.1	12	Front left corner
106	0.1	13	Back right corner
136	0.2	14	Back left corner
116	0.1	15	Object set in motion by this vehicle
1394	1.8	99	Initial point of impact unknown

Variable 128	DAMAGE AREA #1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAM_AREA

Damage for areas 1-5 listed in ascending numerical order

2009	Prcnt	Code	Value and Description
1977	2.5	0	No damage
45960	59.2	1	Front
10252	13.2	2	Right side
8138	10.5	3	Left side
7589	9.8	4	Back
250	0.3	5	Top
177	0.2	6	Undercarriage
910	1.2	7	All areas damaged
2341	3.0	9	Unknown damage areas

Variable 129	DAMAGE AREA #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAM_AREA2

Damage for areas 1-5 listed in ascending numerical order

2009	Prcnt	Code	Value and Description
33725	43.5	0	No damage
0	0.0	1	Front
20336	26.2	2	Right side
11713	15.1	3	Left side
6001	7.7	4	Back
716	0.9	5	Top
512	0.7	6	Undercarriage
4591	5.9	9	Unknown damage areas

Variable 130	DAMAGE AREA #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAM_AREA3

Damage for areas 1-5 listed in ascending numerical order

2009	Prcnt	Code	Value and Description
56255	72.5	0	No damage
0	0.0	1	Front
11072	14.3	3	Left side
3186	4.1	4	Back
580	0.7	5	Top
603	0.8	6	Undercarriage
5898	7.6	9	Unknown damage areas

Variable 131	DAMAGE AREA #4	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAM_AREA4

Damage for areas 1-5 listed in ascending numerical order

2009	Prcnt	Code	Value and Description
67958	87.6	0	No damage
0	0.0	1	Front
1995	2.6	4	Back

Variable 131:DAMAGE AREA #4 (Continued)

2009	Prcnt	Code	Value and Description
579	0.7	5	Top
540	0.7	6	Undercarriage
6522	8.4	9	Unknown damage areas

Variable 132	DAMAGE AREA #5	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAM_AREA5

Damage for areas 1-5 listed in ascending numerical order

2009	Prcnt	Code	Value and Description
70340	90.7	0	No damage
381	0.5	5	Top
193	0.2	6	Undercarriage
6680	8.6	9	Unknown damage areas

Variable 133	DAMAGE SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DEFORMED (was VEH_SEV)

2009	Prcnt	Code	Value and Description
1967	2.5	0	None
15562	20.1	2	Minor damage
8335	10.7	4	Functional damage
32858	42.3	6	Disabling damage
18872	24.3	9	Unknown

Variable 134	VEHICLE REMOVAL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TOWED

2009	Prcnt	Code	Value and Description
37761	48.7	1	Driven away
36018	46.4	2	Towed due to disabling damage

Variable 134:VEHICLE REMOVAL (Continued)

2009	Prcnt	Code	Value and Description
3346	4.3	3	Towed not due to disabling damage
344	0.4	4	Abandoned/left at scene
125	0.2	9	Unknown

Variable 135	MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - V_EVENT

2009	Prcnt	Code	Value and Description
Noncollision			
3493	4.5	1	Rollover/overturn
75	0.1	2	Fire/explosion
19	0.0	3	Immersion
0	0.0	4	Gas inhalation
70	0.1	5	Jackknife
77	0.1	6	Noncollision injury (injured in or fell from vehicle)
17	0.0	7	Pavement surface irregularity (ruts, potholes, grates, etc.)
70	0.1	8	Other noncollision (excludes objects set in motion by an in-transport motor vehicle)
3	0.0	9	Noncollision - no details
19	0.0	10	Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle)
Collision with Object Not Fixed			
1621	2.1	21	Pedestrian
1284	1.7	22	Cycle or cyclist (pedalcycle or pedalcyclist)
21	0.0	23	Railway train
1187	1.5	24	Animal
59862	77.1	25	Motor vehicle in transport
1615	2.1	26	Parked motor vehicle (or other motor vehicle not in transport)
75	0.1	27	Other type nonmotorist (includes motorized wheelchairs)
186	0.2	28	Other object not fixed
14	0.0	29	Object not fixed - no details
Collision with Fixed Object			
15	0.0	31	Ground
146	0.2	32	Building
48	0.1	33	Impact attenuator or crash cushion
155	0.2	34	Bridge structure (bridge pier/abutment/parapet end/rail)
894	1.2	35	Guardrail
887	1.1	36	Concrete traffic barrier or other longitudinal barrier type
1721	2.2	37	Sign post, utility pole or other support
719	0.9	38	Culvert or ditch
364	0.5	39	Curb
377	0.5	40	Embankment
342	0.4	41	Fence

Variable 135: MOST HARMFUL EVENT (Continued)

2009	Prcnt	Code	Value and Description
139	0.2	42	Wall
92	0.1	43	Fire hydrant
42	0.1	44	Shrubbery or bush
1384	1.8	45	Tree
68	0.1	46	Boulder
16	0.0	47	Vehicle occupant
420	0.5	58	Other fixed object
19	0.0	59	Fixed object - no details
38	0.0	99	Unknown most harmful event

Variable 136	<u>MOST HARMFUL EVENT NUMBR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MHENUM

Most harmful event number

Indicates the event which produced the most severe injury or property damage for the vehicle "may be used to identify the specific event in the event file"

2009	Prcnt	Code	Value and Description
69185	89.2	1	- Actual event number
6	0.0	9	

Variable 137	<u>PRIOR TO CRITICAL EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CRASH1

Movement prior to critical event (Precrash 1)

2009	Prcnt	Code	Value and Description
200	0.3	0	No driver present
41636	53.7	1	Going straight
4201	5.4	2	Decelerating in traffic lane
160	0.2	3	Accelerating in traffic lane
1528	2.0	4	Starting in traffic lane
9067	11.7	5	Stopped in traffic lane
713	0.9	6	Passing or overtaking another vehicle
114	0.1	7	Disabled or parked in travel lane
225	0.3	8	Leaving a parked position
99	0.1	9	Entering a parked position
2562	3.3	10	Turning right

Variable 137:PRIOR TO CRITICAL EVENT (Continued)

2009	Prcnt	Code	Value and Description
7616	9.8	11	Turning left
391	0.5	12	Making a U-turn
739	1.0	13	Backing up (other than for parking position/purposes)
3669	4.7	14	Negotiating a curve
2475	3.2	15	Changing lanes
327	0.4	16	Merging
25	0.0	17	Successful corrective action/avoidance maneuver to a previous critical event
323	0.4	97	Other
1524	2.0	99	Unknown

Variable 138	CRITICAL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CRASH2

Critical event (Precrash 2)

2009	Prcnt	Code	Value and Description
0	0.0	0	Not applicable/no collision
This Vehicle Loss of Control Due To:			
219	0.3	1	Blowout or flat tire
17	0.0	2	Stalled engine
263	0.3	3	Disabling vehicle failure (e.g. wheel fell off)
50	0.1	4	Nondisabling (minor) vehicle problem (e.g. hood flew up)
463	0.6	5	Poor road conditions (puddle, pothole, ice, etc.)
3825	4.9	6	Traveling too fast for conditions (excessive speed)
921	1.2	8	Other cause of control loss
659	0.8	9	Unknown cause of control loss
This Vehicle Traveling:			
2950	3.8	10	Over the lane line on left side of travel lane
2267	2.9	11	Over the lane line on right side of travel lane
1351	1.7	12	Off the edge of the road on the left side
2233	2.9	13	Off the edge of the road on the right side
165	0.2	14	End departure
5239	6.8	15	Turning left at intersection
913	1.2	16	Turning right at intersection
4518	5.8	17	Crossing over (passing through) intersection
1333	1.7	18	This vehicle decelerating
266	0.3	19	Unknown travel direction
Other Motor Vehicle in Lane:			
6291	8.1	50	Other vehicle stopped
1362	1.8	51	Traveling in same direction with lower steady speed
3612	4.7	52	Traveling in same direction while decelerating
11169	14.4	53	Traveling in same direction with higher speed
325	0.4	54	Traveling in opposite direction

Variable 138:CRITICAL EVENT (Continued)

2009	Prcnt	Code	Value and Description
2	0.0	55	In crossover
325	0.4	56	Backing
281	0.4	59	Unknown travel direction of the other motor vehicle in lane
Other Vehicle Encroaching into Lane:			
2795	3.6	60	From adjacent lane (same direction) - over left lane line
2558	3.3	61	From adjacent lane (same direction) - over right lane line
4851	6.3	62	From opposite direction over left lane line
187	0.2	63	From opposite direction over right lane line
155	0.2	64	From parking lane
643	0.8	65	From crossing street, turning into same direction
3870	5.0	66	From crossing street, straight across path
1454	1.9	67	From crossing street, turning into opposite direction
105	0.1	68	From crossing street, intended path unknown
392	0.5	70	From driveway, alley access, etc. - turning into same direction
171	0.2	71	From driveway, alley access, etc. - straight across path
586	0.8	72	From driveway, alley access, etc. - turning into opposite direction
226	0.3	73	From driveway, alley access, etc. - intended path unknown
143	0.2	74	From entrance to limited access highway
235	0.3	78	Encroachment by other vehicle - details unknown
Pedestrian, Pedalcyclist or Other Nonmotorist:			
1243	1.6	80	Pedestrian in roadway
2	0.0	81	Pedestrian approaching roadway
1	0.0	82	Pedestrian unknown location
865	1.1	83	Pedalcyclist/other nonmotorist in roadway
2	0.0	84	Pedalcyclist/other nonmotorist approaching roadway
1	0.0	85	Pedalcyclist or other nonmotorist unknown location
Object or Animal:			
1583	2.0	87	Animal in roadway
2	0.0	88	Animal approaching roadway
14	0.0	89	Animal unknown location
441	0.6	90	Object in roadway
1	0.0	91	Object approaching roadway
1	0.0	92	Object unknown location
Other:			
3021	3.9	98	Other event/not applicable/no collision
Unknown:			
1027	1.3	99	Unknown critical event

Variable 139	CORRECTIVE ACTION ATTEMP	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CRASH3

Corrective action attempted (Precrash 3)

2009 Prcnt	Code	Value and Description
200	0.3	0 No driver present
17308	22.3	1 No avoidance maneuver
Single Corrective Action		
1445	1.9	2 Braking (no lockup)
1777	2.3	3 Braking (lockup)
943	1.2	4 Braking (lockup unknown)
1	0.0	5 Releasing brakes
1569	2.0	6 Steering left
1632	2.1	7 Steering right
Multiple Corrective Actions		
344	0.4	8 Braking and steering to left
318	0.4	9 Braking and steering to right
140	0.2	10 Accelerating
9	0.0	11 Accelerating and steering to left
15	0.0	12 Accelerating and steering to right
528	0.7	98 Other actions, specify:
51365	66.2	99 Unknown if driver attempted avoidance maneuver

Variable 140	PRECRASH VEHICLE CONTROL	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PCRASH4

Stability immediately prior to this vehicle's initial involvement
(Precrash 4)

2009 Prcnt	Code	Value and Description
200	0.3	0 No driver present
66997	86.3	1 Tracking
3667	4.7	2 Skidding longitudinally - rotation less than 30 degrees
1295	1.7	3 Skidding laterally - clockwise rotation
1481	1.9	4 Skidding laterally - counterclockwise rotation
3	0.0	7 Other vehicle loss of control (specify)
3951	5.1	9 Precrash stability unknown

Variable 141	PRECRASH LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PCRASH5

Location of the vehicle just prior to impact (Precrash 5)

2009 Prcnt	Code	Value and Description
200	0.3	0 No driver present
58003	74.8	1 Stayed in original travel lane
4426	5.7	2 Stayed on roadway, but left original travel lane
3453	4.5	3 Stayed on roadway, not known if left original travel lane
7566	9.8	4 Departed roadway
151	0.2	5 Remained off roadway
304	0.4	6 Returned to roadway
2087	2.7	7 Entered roadway
1404	1.8	99 Vehicle path unknown

Variable 142	VEHICLE ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VEH_ROLE

2009 Prcnt	Code	Value and Description
2420	3.1	0 Noncollision
43911	56.6	1 Striking
25931	33.4	2 Struck
4933	6.4	3 Both striking and struck
399	0.5	9 Unknown

Variable 143	ACCIDENT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ACC_TYPE

2009 Prcnt	Code	Value and Description
272	0.4	0 No impact

CATEGORY I: SINGLE DRIVER

Configuration A: Right Roadside Departure		
1939	2.5	1 Drive off road
2484	3.2	2 Control/traction loss
691	0.9	3 Avoid collision with vehicle, pedestrian, animal
17	0.0	4 Specifics other
97	0.1	5 Specifics unknown
Configuration B: Left Roadside Departure		
1213	1.6	6 Drive off road

Variable 143: ACCIDENT TYPE (Continued)

2009	Prcnt	Code	Value and Description
2227	2.9	7	Control/traction loss
428	0.6	8	Avoid collision with vehicle, pedestrian, animal
21	0.0	9	Specifics other
67	0.1	10	Specifics unknown

Configuration C: Forward Impact

1060	1.4	11	Parked vehicle
196	0.3	12	Stationary object
4074	5.3	13	Pedestrian/animal
204	0.3	14	End departure
163	0.2	15	Specifics other
5	0.0	16	Specifics unknown

CATEGORY II: SAME TRAFFICWAY, SAME DIRECTION

Configuration D: Rear End

6099	7.9	20	Stopped
5134	6.6	21	Stopped, straight
607	0.8	22	Stopped, left
358	0.5	23	Stopped, right
1397	1.8	24	Slower
1280	1.6	25	Slower, going straight
47	0.1	26	Slower, going left
70	0.1	27	Slower, going right
2647	3.4	28	Decelerating (slowing)
2235	2.9	29	Decelerating (slowing), going straight
152	0.2	30	Decelerating (slowing), going left
260	0.3	31	Decelerating (slowing), going right
370	0.5	32	Specifics other
452	0.6	33	Specifics unknown

Configuration E: Forward Impact

0	0.0	34	This vehicle's frontal area impacts another vehicle
0	0.0	35	This vehicle is impacted by frontal area of another vehicle
0	0.0	36	This vehicle's frontal area impacts another vehicle
0	0.0	37	This vehicle is impacted by frontal area of another vehicle
12	0.0	38	This vehicle's frontal area impacts another vehicle
12	0.0	39	This vehicle is impacted by frontal area of another vehicle
0	0.0	40	This vehicle's frontal area impacts another vehicle
0	0.0	41	This vehicle is impacted by frontal area of another vehicle
6	0.0	42	Specifics other
0	0.0	43	Specifics unknown

Configuration F: Sideswipe/Angle

775	1.0	44	Straight ahead on left
2422	3.1	45	Straight ahead on left/right
832	1.1	46	Changing lanes to the right
899	1.2	47	Changing lanes to the left
1310	1.7	48	Specifics other
226	0.3	49	Specifics unknown

Variable 143:ACCIDENT TYPE (Continued)

2009 Prcnt Code Value and Description

CATEGORY III: SAME TRAFFICWAY, OPPOSITE DIRECTION

Configuration G: Head-On

533	0.7	50	Lateral move (left/right)
533	0.7	51	Lateral move (going straight)
244	0.3	52	Specifics other
10	0.0	53	Specifics unknown

Configuration H: Forward Impact

2	0.0	54	This vehicle's frontal area impacts another vehicle
2	0.0	55	This vehicle is impacted by frontal area of another vehicle
0	0.0	56	This vehicle's frontal area impacts another vehicle
0	0.0	57	This vehicle is impacted by frontal area of another vehicle
16	0.0	58	This vehicle's frontal area impacts another vehicle
16	0.0	59	This vehicle is impacted by frontal area of another vehicle
3	0.0	60	This vehicle's frontal area impacts another vehicle
3	0.0	61	This vehicle is impacted by frontal area of another vehicle
8	0.0	62	Specifics other
0	0.0	63	Specifics unknown

Configuration I: Sideswipe/Angle

509	0.7	64	Lateral move (left/right)
509	0.7	65	Lateral move (going straight)
304	0.4	66	Specifics other
32	0.0	67	Specifics unknown

CATEGORY IV: CHANGING TRAFFICWAY, VEHICLE TURNING

Configuration J: Turn Across Path

3183	4.1	68	Initial opposite directions (left/right)
3183	4.1	69	Initial opposite directions (going straight)
331	0.4	70	Initial same direction (turning right)
331	0.4	71	Initial same direction (going straight)
335	0.4	72	Initial same direction (turning left)
335	0.4	73	Initial same direction (going straight)
776	1.0	74	Specifics other
36	0.0	75	Specifics unknown

Configuration K: Turn Into Path

485	0.6	76	Turn into same direction (turning left)
485	0.6	77	Turn into same direction (going straight)
530	0.7	78	Turn into same direction (turning right)
530	0.7	79	Turn into same direction (going straight)
146	0.2	80	Turn into opposite directions (turning right)
146	0.2	81	Turn into opposite directions (going straight)
1890	2.4	82	Turn into opposite directions (turning left)
1890	2.4	83	Turn into opposite directions (going straight)
362	0.5	84	Specifics other
248	0.3	85	Specifics unknown

Variable 143: ACCIDENT TYPE (Continued)

2009 Prcnt Code Value and Description

CATEGORY V: INTERSECTING PATHS (VEHICLE DAMAGE)

Configuration L: Straight Paths

1767	2.3	86	Striking from the right
1767	2.3	87	Struck on the right
1756	2.3	88	Striking from the left
1756	2.3	89	Struck on the left
158	0.2	90	Specifics other
96	0.1	91	Specifics unknown

CATEGORY VI: MISCELLANEOUS

Configuration M: Backing, Etc.

865	1.1	92	Backing vehicle
516	0.7	93	Other vehicle or object
7593	9.8	98	Other accident type
614	0.8	99	Unknown accident type

Variable 144	SPEED RELATED	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SPEEDREL

When a speed related factor which may have contributed to the cause of the crash is involved

2009 Prcnt Code Value and Description

65246	84.1	0	No
8978	11.6	1	Yes
200	0.3	8	No driver present
3170	4.1	9	Unknown

Variables 145 through 159 are specific to each vehicle in the crash. They are different from the Accident-level versions that are coded based on roadway surface type, the number of travel lanes of the trafficways involved, and a determination of which vehicle contributed most to the cause of the crash. At the Accident level, if vehicles travel on different trafficways the highest speed limit is coded.

<u>Variable 145</u>	<u>ROADWAY ALIGNMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VALIGN

Roadway alignment for this vehicle's roadway

2009	Prcnt	Code	Value and Description
68479	88.3	1	Straight
7109	9.2	2	Curve
2006	2.6	9	Unknown

<u>Variable 146</u>	<u>NUMBER OF TRAVEL LANES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VNUM_LAN

Number of travel lanes for this vehicle's roadway

2009	Prcnt	Code	Value and Description
2026	2.6	1	One lane
29535	38.1	2	Two lanes
11549	14.9	3	Three lanes
10264	13.2	4	Four lanes
7274	9.4	5	Five lanes
1258	1.6	6	Six lanes
660	0.9	7	Seven or more lanes
15028	19.4	9	Unknown

<u>Variable 147</u>	<u>ROADWAY PROFILE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VPROFILE

Roadway profile for this vehicle

2009	Prcnt	Code	Value and Description
47856	61.7	1	Level
9894	12.8	2	Grade
1407	1.8	3	Hillcrest
186	0.2	8	Sag
18251	23.5	9	Unknown

Variable 148	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VSPD_LIM

Speed limit for this vehicle

2009	Prcnt	Code	Value and Description
1692	2.2	0	No statutory limit (parking lot, alley, etc.)
30	0.0	5	5 mph
77	0.1	10	10 mph
295	0.4	15	15 mph
442	0.6	20	20 mph
6368	8.2	25	25 mph
5841	7.5	30	30 mph
13428	17.3	35	35 mph
6996	9.0	40	40 mph
10927	14.1	45	45 mph
2518	3.2	50	50 mph
8436	10.9	55	55 mph
3182	4.1	60	60 mph
4269	5.5	65	65 mph
1676	2.2	70	70 mph
270	0.3	75	75 mph
11147	14.4	99	Unknown

Variable 149	SURFACE CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VSURCOND

Roadway surface condition for this vehicle

2009	Prcnt	Code	Value and Description
60541	78.0	1	Dry
12521	16.1	2	Wet
2003	2.6	3	Snow or slush
1679	2.2	4	Ice
65	0.1	5	Sand, dirt, oil
167	0.2	8	Other
618	0.8	9	Unknown

Variable 150	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VTRAFWAY

Trafficway flow for this vehicle's trafficway

Variable 150:TRAFFICWAY FLOW (Continued)

2009	Prcnt	Code	Value and Description
3383	4.4	0	Not physically divided (center two-way left-turn lane)
32402	41.8	1	Not physically divided (two-way trafficway)
26800	34.5	2	Divided highway (median strip, barrier)
3659	4.7	3	One-way trafficway
11350	14.6	9	Unknown

Variable 151	<u>MAX INJ SEVERITY IN VEH</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAX_VSEV

Maximum injury severity in vehicle

2009	Prcnt	Code	Value and Description
46560	60.0	0	No injury (O)
9999	12.9	1	Possible injury (C)
9393	12.1	2	Nonincapacitating injury (B)
7089	9.1	3	Incapacitating injury (A)
873	1.1	4	Fatal injury (K)
434	0.6	5	Injured severity unknown
1	0.0	6	Died prior to crash
186	0.2	8	No person involved in the crash
3059	3.9	9	Unknown if injured

Variable 152	<u>NUMBER INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NUM_INJV

Number injured in vehicle

2009	Prcnt	Code	Value and Description
46561	60.0	0	No person injured/property damage only crash
22370	28.8	1	1 injured
4041	5.2	2	2 injured
896	1.2	3	3 injured
304	0.4	4	4 injured
119	0.2	5	5 injured
34	0.0	6	6 injured
13	0.0	7	
		-	Actual number of known injured
1	0.0	13	
186	0.2	98	No person in the vehicle
3059	3.9	99	All persons in crash are unknown if injured

Variable	DRIVER DRINKING IN VEH	Width:	Type:
153		1	Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VEH_ALCH

Reports alcohol use by driver of the vehicle

2009 Prcnt	Code	Value and Description
3234 4.2	1	Alcohol involved
65284 84.1	2	No alcohol involved
200 0.3	8	No driver present
8876 11.4	9	Unknown

Variable	DRIVERS ZIP CODE	Width:	Type:
154		5	Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DZIPCODE

2009 Prcnt	Code	Value and Description
202 0.3	0	Not resident of U.S. or territories
1 0.0	802	- Zip code
1 0.0	99827	
200 0.3	99998	No driver present
3408 4.4	99999	Unknown

Variable	POLICE JURISDICTION	Width:	Type:
155		3	Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable	STRATUM	Width:	Type:
156		1	Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

2009 Prcnt	Code	Value and Description
8992 11.6	1	Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger

Variable 156:STRATUM (Continued)

2009 Prcnt	Code	Value and Description
		vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved.
11392 14.7	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
10441 13.5	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
19117 24.6	4	Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash.
11613 15.0	5	Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved.
16039 20.7	6	Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved.

Variable 157	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 158	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

2009 Prcnt	Code	Value and Description
11960 15.4	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)

Variable 158:REGION OF COUNTRY (Continued)

2009 Prcnt	Code	Value and Description
19897 25.6	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
30772 39.7	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
14965 19.3	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 159	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Imputed VEHICLE Variables

Variables 160 through 170 are imputed versions of previous variables found in the vehicle dataset.

Variable 160	IMPUTED BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - BDYTYP_H

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
Automobiles		
677 0.9	1	Convertible (excludes sun roof, t-bar)
4203 5.4	2	2-door sedan, hardtop, coupe
1094 1.4	3	3-door/2-door hatchback
25242 32.5	4	4-door sedan, hardtop
620 0.8	5	5-door/4-door hatchback
1913 2.5	6	Station wagon (excluding van and truck based)
9 0.0	7	Hatchback, number of doors unknown
4 0.0	8	Other automobile type
5662 7.3	9	Unknown automobile type
Automobile Derivatives		
89 0.1	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit Pickup)
3 0.0	11	Auto-based panel (cargo station wagon, auto-based ambulance/hearse)
3 0.0	12	Large limousine (more than four side doors or stretched chassis)
0 0.0	13	Three-wheeled automobile or automobile derivative

Variable 160:IMPUTED BODY TYPE (Continued)

2009	Prcnt	Code	Value and Description
Utility Vehicles			
8943	11.5	14	Compact utility (Jeep CJ2-CJ7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [post-'84], Dispatcher, Raider Bronco II, Bronco [pre '77], Explorer, S-10 Blazer, etc.)
2513	3.2	15	Large utility (Jeep Cherokee 83 and before, Ramcharger, Trailduster; Full-size Bronco [post-'78], Blazer, & Jimmy; Hummer, Land Cruiser, Rover, Scout, Yukon, Expedition, Navigator, etc.)
448	0.6	16	Utility station wagon (Chevrolet Suburban, GMC Suburban, Travelall, Grand Wagoneer, and Suburban limousine)
116	0.1	17	3-door coupe (passenger car, added in 1999)
242	0.3	19	Utility vehicle, unknown body type
Van-Based Light Trucks (<=4,536 kg GVWR)			
3397	4.4	20	Minivan (Chrysler Town & Country, Astro, Caravan, Grand Caravan, Plymouth Vista, Aerostar, Safari, Voyager, Mini-Ram, Dodge/Plymouth Vista, Toyota Van/Cargo Van, Vanagon, VW Bus, etc.)
818	1.1	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, Ram Van, Chateau, E150-E350, G10-G30, Ram Wagon, Vandura, Rally Voyager (pre-1983), Beauville, Sportsman, B150-B350, etc.)
8	0.0	22	Step van or walk-in van (< 4,536 kg GVWR)
14	0.0	23	Van-based motorhome
10	0.0	24	Van-based school bus
71	0.1	25	Van-based other bus
160	0.2	28	Other van type (Hi-Cube, Kary)
233	0.3	29	Unknown van type
Lt Conventional Trucks (pickup style cab, <4,536 kg GVWR)			
2801	3.6	30	Compact pickup (<4,500 lbs GVWR, S5-S15, LUV, Ram 50&100, Rampage, Courier, Ranger, Pup, Mazda PU, Mitsubishi Truck, Datsun/Nissan PU, Arrow PU (foreign), Scamp, Toyota PU, VW PU, D50, Colt, etc.)
6360	8.2	31	Large/standard pickup (Jeep Pickup, Comanche, Ram Pickup, Silverado, Sierra, K10-K35, D100-D350, W100-W350, F100-F350, R100-R500, R10-R35, V10-V35, T100)
2	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
738	1.0	39	Unknown (pickup style) light conventional truck
Other Light Trucks (<=4,536 kg GVWR)			
79	0.1	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck-based panel
1	0.0	42	Light truck-based motorhome (chassis mounted)
1	0.0	45	Other light truck type
1735	2.2	48	Unknown light truck type (utility, van, pickup, or other light truck)

Variable 160: IMPUTED BODY TYPE (Continued)

2009 Prcnt	Code	Value and Description
		Buses (excludes van-based)
154	0.2	50 School bus type (designed to carry students, not cross country or transit)
210	0.3	58 Other bus type (transit, intercity, bus-based motorhome)
15	0.0	59 Unknown bus type
		Medium/Heavy Trucks (>4,536 kg GVWR)
13	0.0	60 Step Van
2323	3.0	64 Single unit straight truck
17	0.0	65 Medium/heavy truck-based motorhome
3739	4.8	66 Truck-tractor (cab only, or with any number of trailing units; any weight)
355	0.5	78 Unknown medium/heavy truck type
		Motored Cycles (does not include all terrain vehicles/cycles)
2185	2.8	80 Motorcycle
117	0.2	81 Moped (motorized bicycle)
6	0.0	82 Three wheeled motorcycle or moped
99	0.1	88 Other motored cycle type (minibike, motorscooter)
30	0.0	89 Unknown motored cycle type
		Other Vehicles
64	0.1	90 ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
0	0.0	91 Snowmobile
26	0.0	92 Farm equipment other than trucks
9	0.0	93 Construction equipment other than trucks (includes graders)
23	0.0	97 Other type vehicle (includes go-cart, fork lift, city street sweeper, motorized wheelchair)

Variable 161	IMPUTED HIT-AND-RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HITRUN_I

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
73574	94.8	0 No, did not leave scene
4020	5.2	1 Yes, driver or car and driver left scene

Variable 162	IMP INIT POINT OF IMPACT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - IMPACT_H

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
2323	3.0	0	No damage/noncollision
35537	45.8	1	Front
11460	14.8	2	Right side
11711	15.1	3	Left side
14185	18.3	4	Back
104	0.1	5	Top
339	0.4	6	Undercarriage
699	0.9	11	Front right corner
869	1.1	12	Front left corner
108	0.1	13	Back right corner
142	0.2	14	Back left corner
117	0.2	15	Object set in motion

Variable 163	IMPUTED VEHICLE MANEUVER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MANEUV_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
200	0.3	0	No driver present
41654	53.7	1	Going straight
4276	5.5	2	Decelerating in traffic lane
160	0.2	3	Accelerating in traffic lane
1528	2.0	4	Starting in traffic lane
9067	11.7	5	Stopped in traffic lane
713	0.9	6	Passing or overtaking another vehicle
114	0.1	7	Disabled or parked in travel lane
225	0.3	8	Leaving a parked position
99	0.1	9	Entering a parked position
2565	3.3	10	Turning right
7616	9.8	11	Turning left
391	0.5	12	Making a U-turn
739	1.0	13	Backing up (other than for parking purposes)
3955	5.1	14	Negotiating a curve
2475	3.2	15	Changing lanes
327	0.4	16	Merging
25	0.0	17	Successful corrective action to a previous critical event
1465	1.9	97	Other

Variable 164	IMPUTED MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MDLYR_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
1	0.0	1936	1936
1	0.0	1941	
		-	Model year
4478	5.8	1999	
5302	6.8	2000	2000
5114	6.6	2001	2001
5443	7.0	2002	2002
5358	6.9	2003	2003
5287	6.8	2004	2004
5795	7.5	2005	2005
5577	7.2	2006	2006
6173	8.0	2007	2007
5026	6.5	2008	2008
2690	3.5	2009	2009
327	0.4	2010	2010

Variable 165	IMP MAX INJ SEV IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MXVSEV_I

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
49316	63.6	0	No injury (O)
10159	13.1	1	Possible injury (C)
9511	12.3	2	Nonincapacitating injury (B)
7096	9.1	3	Incapacitating injury (A)
888	1.1	4	Fatal injury (K)
437	0.6	5	Injured severity unknown
1	0.0	6	Died prior to crash
186	0.2	8	No person involved in the crash

Variable 166	IMP NUM INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - NUMINJ_I

This variable was imputed by NHTSA

Variable 166:IMP NUM INJURED IN VEH (Continued)

2009	Prcnt	Code	Value and Description
49503	63.8	0	No person injured/property damage only crash
22605	29.1	1	1 injured
4080	5.3	2	2 injured
915	1.2	3	3 injured
307	0.4	4	4 injured
124	0.2	5	5 injured
35	0.0	6	6 injured
13	0.0	7	
		-	Actual number of known injured
1	0.0	13	
0	0.0	98	No person in the vehicle

Variable 167	IMP VIOLATIONS CHARGED	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VLTN_I

This variable was imputed by NHTSA

Reckless/Careless/Hit-and-Run Type Offenses

2009	Prcnt	Code	Value and Description
56066	72.3	0	None
641	0.8	1	Manslaughter or homicide
184	0.2	2	Willful reckless driving, driving to endanger, negligent driving
497	0.6	3	Unsafe reckless (not willful, wanton reckless) driving
2704	3.5	4	Inattentive, careless, improper driving
17	0.0	5	Fleeing or eluding police
13	0.0	6	Fail to obey police, fireman, authorized person directing traffic
481	0.6	7	Hit-and-run, fail to stop after crash
62	0.1	8	Fail to give aid, information, wait for police after crash
13	0.0	9	Serious violation resulting in death

Impairment Offenses

1116	1.4	11	Driving while intoxicated (alcohol or drugs) or BAC above limit
174	0.2	12	Driving while impaired
8	0.0	13	Driving under influence of substance not intended to intoxicate
5	0.0	14	Drinking while operating
17	0.0	15	Illegal possession of alcohol or drugs
7	0.0	16	Driving with detectable alcohol
12	0.0	18	Refusal to submit to chemical test
193	0.2	19	Alcohol, drug or impairment violations generally

Variable 167:IMP VIOLATIONS CHARGED (Continued)

2009 Prcnt Code Value and Description

Speed-Related Offenses

9	0.0	21	Racing
332	0.4	22	Speeding (above the speed limit)
2564	3.3	23	Speed greater than reasonable & prudent (not necessarily over the speed limit)
5	0.0	24	Exceeding special limit
0	0.0	25	Energy speed (exceeding 55 mph, non-pointable)
38	0.0	26	Driving too slowly
84	0.1	29	Speed-related violations generally

Rules of the Road - Traffic Signs and Signals

672	0.9	31	Fail to stop for red signal
13	0.0	32	Fail to stop for flashing red
8	0.0	33	Violation of turn-on-red (fail to stop & yield, yield to pedestrians before turning)
4	0.0	34	Fail to obey flashing signal (yellow or red)
169	0.2	35	Fail to obey signal, generally
5	0.0	36	Violate RR grade crossing device /regulations
421	0.5	37	Fail to obey stop sign
20	0.0	38	Fail to obey yield sign
187	0.2	39	Fail to obey traffic control device

Rules of the Road - Turning, Yielding, Signaling

37	0.0	41	Turn in violation of traffic control
157	0.2	42	Improper method & position of turn (too wide, wrong lane)
22	0.0	43	Fail to signal for turn or stop
27	0.0	45	Fail to yield to emergency vehicle
3172	4.1	46	Fail to yield, generally
6	0.0	48	Enter intersection when space is insufficient
315	0.4	49	Turn, yield, signaling violations, generally

Rules of the Road - Wrong Side, Passing & Following

18	0.0	51	Driving wrong way on one-way road
109	0.1	52	Driving on left, wrong side of road generally
106	0.1	53	Improper, unsafe passing
16	0.0	54	Pass on right (drive off pavement to pass)
5	0.0	55	Pass stopped school bus
2	0.0	56	Fail to give way when overtaken
1560	2.0	58	Following too closely
32	0.0	59	Wrong side, passing, following violations generally

Rules of the Road - Lane Usage

369	0.5	61	Unsafe of prohibited lane change
81	0.1	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
3	0.0	63	Certain traffic to use right lane (trucks, slow-moving, etc.)
1	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)

Variable 167:IMP VIOLATIONS CHARGED (Continued)

2009 Prcnt	Code	Value and Description
0	0.0	67 Motorcycle attached to other vehicle
596	0.8	69 Lane violations, generally
Nonmoving - License and Registration Violations		
491	0.6	71 Driving while license withdrawn (including violation of provisions of work permit)
907	1.2	72 Other driver license violations
0	0.0	73 Commercial driver violations (log book, hours, permits carried)
234	0.3	74 Vehicle registration violations
580	0.7	75 Fail to carry insurance card
582	0.8	76 Driving uninsured vehicle
37	0.0	79 Nonmoving violations, generally
Equipment		
4	0.0	81 Lamp violations
8	0.0	82 Brake violations
63	0.1	83 Failure to require restraint use (by self or passengers)
4	0.0	84 Motorcycle equipment violations (helmet, special equipment)
1	0.0	85 Violation of hazardous cargo restrictions
27	0.0	86 Size, weight, load violations
56	0.1	89 Equipment violations, generally
License, Registration & Other Violations		
9	0.0	91 Parking
1	0.0	92 Theft, unauthorized use of motor vehicle
3	0.0	93 Driving where prohibited (sidewalk, limited access, off truck route)
200	0.3	95 No driver present/ unknown if driver present
1012	1.3	98 Other moving violation (coasting, backing, opening door)
0	0.0	99 Unknown violation

Variable 168	IMPUTED VEHICLE ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VROLE_I

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
2427	3.1	0 Noncollision
43955	56.6	1 Striking
25945	33.4	2 Struck
5267	6.8	3 Both striking and struck

Variable	IMP ALCOHOL INVLD IN VEH	Width:	Type:
169		1	Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - V_ALCH_I

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
3840	4.9	1 Alcohol involved
73754	95.1	2 No alcohol involved
0	0.0	8 No applicable person involved in the crash

Variable	IMP MOST HARMFUL EVENT	Width:	Type:
170		2	Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - V_EVNT_H

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
Noncollision		
3493	4.5	1 Rollover/overturn
75	0.1	2 Fire/explosion
19	0.0	3 Immersion
0	0.0	4 Gas inhalation
70	0.1	5 Jackknife
77	0.1	6 Noncollision injury (injured in or fell from vehicle)
17	0.0	7 Pavement surface irregularity (ruts, potholes, grates, etc.)
70	0.1	8 Other noncollision (excludes objects set in motion by an in-transport motor vehicle)
3	0.0	9 Noncollision - no details
19	0.0	10 Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle)
Collision with Object Not Fixed		
1621	2.1	21 Pedestrian
1284	1.7	22 Cycle or cyclist (pedalcycle or pedalcyclist)
21	0.0	23 Railway train
1187	1.5	24 Animal
59877	77.2	25 Motor vehicle in transport
1617	2.1	26 Parked motor vehicle (or other motor vehicle not in transport)
75	0.1	27 Other type nonmotorist (includes motorized wheelchairs)
186	0.2	28 Other object not fixed
14	0.0	29 Object not fixed - no details
Collision with Fixed Object		
15	0.0	31 Ground
146	0.2	32 Building
48	0.1	33 Impact attenuator or crash cushion
155	0.2	34 Bridge structure (bridge pier/abutment/parapet end/rail)
896	1.2	35 Guardrail

Variable 170:IMP MOST HARMFUL EVENT (Continued)

2009 Prcnt	Code	Value and Description
889	1.1	36 Concrete traffic barrier or other longitudinal barrier type
1726	2.2	37 Post, pole or support (sign post, utility post)
720	0.9	38 Culvert or ditch
365	0.5	39 Curb
379	0.5	40 Embankment
344	0.4	41 Fence
139	0.2	42 Wall
92	0.1	43 Fire hydrant
42	0.1	44 Shrubbery or bush
1389	1.8	45 Tree
68	0.1	46 Boulder
16	0.0	47 Vehicle occupant
420	0.5	58 Other fixed object
20	0.0	59 Fixed object - no details

Multiple Response Variables

Variables 171 through 191 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

Variable 171	TRAFFIC CONTRL DEVICE #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON

First traffic control device for this vehicle

2009 Prcnt	Code	Value and Description
46967	60.5	0 No controls
		NOT AT RAILROAD GRADE CROSSING:
		Trafficway Traffic Signals
18695	24.1	1 Traffic control signal (on colors)
312	0.4	4 Flashing traffic control signal or flashing beacon
26	0.0	8 Other traffic signal
17	0.0	9 Unknown traffic signal
		Regulatory, School Zone Signs
5122	6.6	21 Stop sign
762	1.0	22 Yield sign
29	0.0	23 School zone related sign
326	0.4	28 Other sign
14	0.0	29 Unknown sign

Variable 171:TRAFFIC CONTRL DEVICE #1 (Continued)

2009 Prcnt	Code	Value and Description
		Warning Signs
1079	1.4	40 Advisory speed sign
60	0.1	41 Warning sign for road conditions (hill, steep grade, etc.)
133	0.2	42 Warning sign for road construction
5	0.0	43 Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
113	0.1	49 Unknown type warning sign
		Miscellaneous Not at Railroad Crossing
112	0.1	51 Officer, crossing guard, flagman, etc.
		AT RAILROAD GRADE CROSSING:
62	0.1	61 Active devices at RR crossing (gates, flashing lights, traffic signal)
21	0.0	62 Passive device at RR crossing (stop sign, cross bucks)
		Other
235	0.3	97 Traffic control present - no details
538	0.7	98 Other traffic control (whether or not at RR grade crossing)
2966	3.8	99 Unknown

Variable 172	TRAFFIC CONTRL DEVICE #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON2

Second traffic control device for this vehicle

2009 Prcnt	Code	Value and Description
77061	99.3	0 No controls
		NOT AT RAILROAD GRADE CROSSING:
		Trafficway Traffic Signals
0	0.0	1 Traffic control signal (on colors)
1	0.0	4 Flashing traffic control signal or flashing beacon
		Regulatory, School Zone Signs
31	0.0	21 Stop sign
13	0.0	22 Yield sign
2	0.0	23 School zone related sign
41	0.1	28 Other sign
1	0.0	29 Unknown sign
		Warning Signs
187	0.2	40 Advisory speed sign
44	0.1	41 Warning sign for road conditions (hill, steep grade, etc.)
18	0.0	42 Warning sign for road construction
3	0.0	49 Unknown type warning sign

Variable 172:TRAFFIC CONTRL DEVICE #2 (Continued)

2009 Prcnt	Code	Value and Description
		Miscellaneous Not at Railroad Crossing
26	0.0	51 Officer, crossing guard, flagman, etc.
		AT RAILROAD GRADE CROSSING:
1	0.0	62 Passive device at RR crossing (stop sign, cross bucks)
		Other
165	0.2	98 Other traffic control (whether or not at RR grade crossing)

Variable 173	TRAFFIC CONTRL DEVICE #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON3

Third traffic control device for this vehicle

2009 Prcnt	Code	Value and Description
77585	100.0	0 No controls
		NOT AT RAILROAD GRADE CROSSING:
		Trafficway Traffic Signals
0	0.0	1 Traffic control signal (on colors)
		Regulatory, School Zone Signs
		Warning Signs
5	0.0	40 Advisory speed sign
1	0.0	41 Warning sign for road conditions (hill, steep grade, etc.)
1	0.0	42 Warning sign for road construction
		Miscellaneous Not at Railroad Crossing
		AT RAILROAD GRADE CROSSING:
		Other
2	0.0	98 Other traffic control (whether or not at RR grade crossing)

Variable 174	TRAFFIC CONTRL DEVICE #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON4

Fourth traffic control device for this vehicle

2009	Prcnt	Code	Value and Description
77594	100.0	0	No controls
			NOT AT RAILROAD GRADE CROSSING:
			Trafficway Traffic Signals
0	0.0	1	Traffic control signal (on colors)
			Regulatory, School Zone Signs
			Warning Signs
			Miscellaneous Not at Railroad Crossing
			AT RAILROAD GRADE CROSSING:
			Other

Variable 175	DRVR MANEUVER TO AVOID#1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DRMAN_AV or MDRMANAV

Driver maneuvered to avoid #1

2009	Prcnt	Code	Value and Description
33327	43.0	0	Driver did not maneuver to avoid
145	0.2	1	Object in road
12	0.0	2	Poor road conditions (puddle, ice, pothole, etc.)
467	0.6	3	Animal in road
6118	7.9	4	Vehicle in road
301	0.4	5	Pedestrian, pedalcyclist or other nonmotorist in road
3600	4.6	50	Hit-and-run (and no information)
274	0.4	92	Phantom vehicle
28838	37.2	93	Not on police report
4004	5.2	94	Not coded
200	0.3	95	No driver present
0	0.0	96	Not reported
13	0.0	97	Avoidance maneuver - no details
295	0.4	99	Unknown if driver maneuvered to avoid

Variable 176	DRVR MANEUVER TO AVOID#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DRMAN_AV2 or MDRMANAV2

Driver maneuvered to avoid #2

2009	Prcnt	Code	Value and Description
77587	100.0	0	Driver did not maneuver to avoid
0	0.0	1	Object in road
1	0.0	4	Vehicle in road
3	0.0	5	Pedestrian, pedalcyclist or other nonmotorist in road
3	0.0	92	Phantom vehicle

Variable 177	VEHICLE CONTRIB FACTOR#1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - FACTOR

Vehicle contributing factors #1

2009	Prcnt	Code	Value and Description
69870	90.0	0	No vehicle contributing factors
441	0.6	1	Tires
291	0.4	2	Brake system
83	0.1	3	Steering system - tie rod, kingpin, ball joint, etc.
9	0.0	4	Suspension - springs, shock absorbers, MacPherson-struts, control arms, etc.
86	0.1	5	Power train - universal joint, drive shaft, transmission, etc.
0	0.0	6	Exhaust system
17	0.0	7	Headlights
4	0.0	8	Signal lights
19	0.0	9	Other lights
7	0.0	10	Wipers
38	0.0	11	Wheels
1	0.0	12	Mirrors
1	0.0	13	Driver seating and control
6	0.0	14	Body, doors
16	0.0	15	Trailer hitch
3754	4.8	50	Hit-and-run vehicle
91	0.1	97	Vehicle contributing factors - no details
72	0.1	98	Other vehicle contributing factors
2788	3.6	99	Unknown if vehicle has contributing factors

Variable 178	VEHICLE CONTRIB FACTOR#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MFACTOR2

Vehicle contributing factors #2

2009 Prcnt	Code	Value and Description
77571 100.0	0	No vehicle contributing factors
0 0.0	1	Tires
9 0.0	2	Brake system
4 0.0	3	Steering system - tie rod, kingpin, ball joint, etc.
1 0.0	4	Suspension - springs, shock absorbers, MacPherson-struts, control arms, etc.
2 0.0	5	Power train - universal joint, drive shaft, transmission
2 0.0	7	Headlights
2 0.0	11	Wheels
2 0.0	97	Vehicle contributing factors - no details
1 0.0	98	Other vehicle contributing factors

Variable 179	VEHICLE CONTRIB FACTOR#3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MFACTOR3

Vehicle contributing factors #3

2009 Prcnt	Code	Value and Description
77594 100.0	0	Missing data
0 0.0	1	Tires

Variable 180	VEHICLE CONTRIB FACTOR#4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MFACTOR4

Vehicle contributing factors #4

2009 Prcnt	Code	Value and Description
77594 100.0	0	Missing data
0 0.0	1	Tires

Variable 181	DRV VISION OBSCURED BY#1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVISOBSC

Driver's vision obscured by #1

2009 Prcnt	Code	Value and Description
69856	90.0	0 No obstruction noted
239	0.3	1 Rain, snow, smoke, sand, dust
291	0.4	2 Reflected glare, bright sunlight, headlights
77	0.1	3 Curve, hill or other roadway design feature
24	0.0	4 Building, billboard, or other structure
86	0.1	5 Trees, crops, vegetation
609	0.8	6 Moving in-transport motor vehicle (including load)
225	0.3	7 Not in-transport motor vehicle (parked, working)
2	0.0	8 Splash or spray of passing vehicle
10	0.0	9 Inadequate defrost or defog system
11	0.0	10 Inadequate vehicle lighting system
38	0.0	11 Obstruction interior to vehicle
1	0.0	12 External mirrors
62	0.1	13 Broken or improperly cleaned windshield
21	0.0	14 Obstructing angles on vehicle
200	0.3	95 No driver present/ unknown if driver present
114	0.1	97 Vision obscured - no details
72	0.1	98 Other visual obstruction
5656	7.3	99 Unknown whether vision was obstructed

Variable 182	VISION OBSCURED BY #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVISOBSC

Driver's vision obscured by #2

2009 Prcnt	Code	Value and Description
77577	100.0	0 Missing data
0	0.0	1 Rain, snow, smoke, sand, dust
1	0.0	2 Reflected glare, bright sunlight, headlights
6	0.0	5 Trees, crops, vegetation
1	0.0	6 Moving in-transport motor vehicle (including load)
3	0.0	7 Not in-transport motor vehicle (parked, working)
1	0.0	11 Obstruction interior to vehicle
3	0.0	13 Broken or improperly cleaned windshield
2	0.0	98 Other visual obstruction

Variable 183	VISION OBSCURED BY #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVISOBSC

Driver's vision obscured by #3

2009 Prcnt	Code	Value and Description
77594 100.0	0	Missing data
0 0.0	1	Rain, snow, smoke, sand, dust

Variable 184	DRIVER DISTRACTED BY #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MDRDSTRD

Driver distracted by #1

2009 Prcnt	Code	Value and Description
49130 63.3	0	Not distracted
1011 1.3	1	Looked but did not see
217 0.3	3	By other occupant(s)
55 0.1	4	By moving object in vehicle
123 0.2	5	While talking or listening to cellular phone
32 0.0	6	While dialing cellular phone
12 0.0	7	While adjusting climate control
107 0.1	8	While adjusting radio, cassette, or CD
66 0.1	9	While using other device/controls integral to vehicle
220 0.3	10	While using or reaching for other devices
764 1.0	11	Sleepy or fell asleep
496 0.6	12	Distracted by outside person, object or event
84 0.1	13	Eating or drinking
23 0.0	14	Smoking related
227 0.3	15	Other cellular phone related
3696 4.8	50	Hit-and-run (and no information)
3628 4.7	92	Distraction or inattention, details unknown
9 0.0	93	Not on police accident report (PAR)
13263 17.1	94	Not coded
200 0.3	95	No driver present
1526 2.0	97	Inattentive or lost in thought
1012 1.3	98	Other distraction
1693 2.2	99	Unknown if distracted

Variable 185	DRIVER DISTRACTED BY #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MDRDSTRD

Driver distracted by #2

Variable 185:DRIVER DISTRACTED BY #2 (Continued)

2009	Prcnt	Code	Value and Description
77525	99.9	0	Not distracted
0	0.0	1	Looked but did not see
3	0.0	3	By other occupant(s)
1	0.0	4	By moving object in vehicle
5	0.0	5	While talking or listening to cellular phone
2	0.0	8	While adjusting radio, cassette, or CD
1	0.0	9	While using other device/controls integral to vehicle
17	0.0	10	While using or reaching for other device
2	0.0	11	Sleepy or fell asleep
2	0.0	12	Distracted by outside person, object or event
10	0.0	15	Other cellular phone related
16	0.0	92	Distraction or inattention, details unknown
10	0.0	98	Other distraction

Variable 186	DRIVER DISTRACTED BY #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MDRDSTRD

Driver distracted by #3

2009	Prcnt	Code	Value and Description
77593	100.0	0	Missing data
0	0.0	1	Looked but did not see
1	0.0	10	While using or reaching for device/object brought into vehicle

Variable 187	DRIVER VIOLATIONS CHGD#1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLATN

Driver violations charged #1

2009	Prcnt	Code	Value and Description
56066	72.3	0	None
Reckless/Careless/Hit-and-Run Type Offenses			
15	0.0	1	Manslaughter or homicide
183	0.2	2	Willful reckless driving, driving to endanger, negligent driving
494	0.6	3	Unsafe reckless (not willful, wanton reckless) driving
2678	3.5	4	Inattentive, careless, improper driving
17	0.0	5	Fleeing or eluding police

Variable 187:DRIVER VIOLATIONS CHGD#1 (Continued)

2009 Prcnt	Code	Value and Description
12	0.0	6 Fail to obey police, fireman, authorized person directing traffic
481	0.6	7 Hit-and-run, fail to stop after crash
62	0.1	8 Fail to give aid, information, wait for police after crash
5	0.0	9 Serious violation resulting in death

Impairment Offenses

1108	1.4	11 Driving while intoxicated (alcohol or drugs) or BAC above limit
173	0.2	12 Driving while impaired
8	0.0	13 Driving under influence of substance not intended to intoxicate
5	0.0	14 Drinking while operating
17	0.0	15 Illegal possession of alcohol or drugs
7	0.0	16 Driving with detectable alcohol
12	0.0	18 Refusal to submit to chemical test
191	0.2	19 Alcohol, drug or impairment violations generally

Speed-Related Offenses

9	0.0	21 Racing
332	0.4	22 Speeding (above the speed limit)
2564	3.3	23 Speed greater than reasonable & prudent (not necessarily over the speed limit)
5	0.0	24 Exceeding special limit
0	0.0	25 Energy speed (exceeding 55 mph, non-pointable)
5	0.0	26 Driving too slowly
84	0.1	29 Speed-related violations generally

Rules of the Road - Traffic Signs and Signals

666	0.9	31 Fail to stop for red signal
13	0.0	32 Fail to stop for flashing red
8	0.0	33 Violation of turn-on-red (fail to stop & yield, yield to pedestrians before turning)
4	0.0	34 Fail to obey flashing signal (yellow or red)
167	0.2	35 Fail to obey signal, generally
5	0.0	36 Violate RR grade crossing device /regulations
417	0.5	37 Fail to obey stop sign
20	0.0	38 Fail to obey yield sign
185	0.2	39 Fail to obey traffic control device

Rules of the Road - Turning, Yielding, Signaling

37	0.0	41 Turn in violation of traffic control
155	0.2	42 Improper method & position of turn (too wide, wrong lane)
22	0.0	43 Fail to signal for turn or stop
27	0.0	45 Fail to yield to emergency vehicle
3141	4.0	46 Fail to yield, generally
6	0.0	48 Enter intersection when space is insufficient
313	0.4	49 Turn, yield, signaling violations, generally

Rules of the Road - Wrong Side, Passing & Following

17	0.0	51	Driving wrong way on one-way road
109	0.1	52	Driving on left, wrong side of road generally
105	0.1	53	Improper, unsafe passing
15	0.0	54	Pass on right (drive off pavement to pass)
5	0.0	55	Pass stopped school bus
2	0.0	56	Fail to give way when overtaken
1538	2.0	58	Following too closely
31	0.0	59	Wrong side, passing, following violations generally

Rules of the Road - Lane Usage

365	0.5	61	Unsafe or prohibited lane change
80	0.1	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
3	0.0	63	Certain traffic to use right lane (trucks, slow-moving, etc.)
1	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcycle attached to other vehicle
591	0.8	69	Lane violations, generally

Nonmoving - License and Registration Violations

486	0.6	71	Driving while license withdrawn (including violation of provisions of work permit)
899	1.2	72	Other driver license violations
0	0.0	73	Commercial driver violations (log book, hours, permits carried)
231	0.3	74	Vehicle registration violations
572	0.7	75	Fail to carry insurance card
576	0.7	76	Driving uninsured vehicle
37	0.0	79	Nonmoving violations, generally

Equipment

4	0.0	81	Lamp violations
8	0.0	82	Brake violations
62	0.1	83	Failure to require restraint use (by self or passengers)
4	0.0	84	Motorcycle equipment violations (helmet, special equipment)
1	0.0	85	Violation of hazardous cargo restrictions
27	0.0	86	Size, weight, load violations
55	0.1	89	Equipment violations, generally

License, Registration & Other Violations

9	0.0	91	Parking
1	0.0	92	Theft, unauthorized use of motor vehicle
3	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
200	0.3	95	No driver present/ unknown if driver present
998	1.3	98	Other moving violation (coasting, backing, opening door)
840	1.1	99	Unknown violation

Variable 188	DRIVER VIOLATIONS CHGD#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLATN2

Driver violations charged #2

Reckless/Careless/Hit-and-Run Type Offenses

2009 Prcnt Code Value and Description

73144 94.3 0 None

Reckless/Careless/Hit-and-Run Type Offenses

0	0.0	1	Manslaughter or homicide
1	0.0	2	Willful reckless driving, driving to endanger, negligent driving
3	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
61	0.1	4	Inattentive, careless, improper driving
10	0.0	5	Fleeing or eluding police
2	0.0	6	Fail to obey police, fireman, authorized person directing traffic
85	0.1	7	Hit-and-run, fail to stop after crash
14	0.0	8	Fail to give aid, information, wait for police after crash

Impairment Offenses

190	0.2	11	Driving while intoxicated (alcohol or drugs) or BAC above limit
85	0.1	12	Driving while impaired
4	0.0	13	Driving under influence of substance not intended to intoxicate
4	0.0	14	Drinking while operating
27	0.0	15	Illegal possession of alcohol or drugs
5	0.0	16	Driving with detectable alcohol
7	0.0	18	Refusal to submit to chemical test
88	0.1	19	Alcohol, drug or impairment violations generally

Speed-Related Offenses

40	0.1	22	Speeding (above the speed limit)
158	0.2	23	Speed greater than reasonable & prudent (not necessarily over the speed limit)
2	0.0	24	Exceeding special limit
11	0.0	29	Speed-related violations generally

Rules of the Road - Traffic Signs and Signals

36	0.0	31	Fail to stop for red signal
1	0.0	32	Fail to stop for flashing red
15	0.0	35	Fail to obey signal, generally
44	0.1	37	Fail to obey stop sign
1	0.0	38	Fail to obey yield sign
9	0.0	39	Fail to obey traffic control device

Rules of the Road - Turning, Yielding, Signaling

2	0.0	41	Turn in violation of traffic control
8	0.0	42	Improper method & position of turn (too wide, wrong lane)
2	0.0	43	Fail to signal for turn or stop
1	0.0	45	Fail to yield to emergency vehicle
79	0.1	46	Fail to yield, generally
12	0.0	49	Turn, yield, signaling violations, generally

Rules of the Road - Wrong Side, Passing & Following

14	0.0	51	Driving wrong way on one-way road
43	0.1	52	Driving on left, wrong side of road generally
22	0.0	53	Improper, unsafe passing
2	0.0	54	Pass on right (drive off pavement to pass)
2	0.0	55	Pass stopped school bus
61	0.1	58	Following too closely
4	0.0	59	Wrong side, passing, following violations generally

Rules of the Road - Lane Usage

26	0.0	61	Unsafe of prohibited lane change
10	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
124	0.2	69	Lane violations, generally

Nonmoving - License and Registration Violations

437	0.6	71	Driving while license withdrawn (including violation of provisions of work permit)
686	0.9	72	Other driver license violations
1	0.0	73	Commercial driver violations (log book, hours, permits carried)
262	0.3	74	Vehicle registration violations
357	0.5	75	Fail to carry insurance card
687	0.9	76	Driving uninsured vehicle
45	0.1	79	Nonmoving violations, generally

Equipment

4	0.0	81	Lamp violations
3	0.0	82	Brake violations
132	0.2	83	Failure to require restraint use (by self or passengers)
7	0.0	84	Motorcycle equipment violations (helmet, special equipment)
1	0.0	85	Violation of hazardous cargo restrictions
10	0.0	86	Size, weight, load violations
40	0.1	89	Equipment violations, generally

License, Registration & Other Violations

1	0.0	91	Parking
3	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
244	0.3	98	Other moving violation (coasting, backing, opening door)
215	0.3	99	Unknown violation

Variable 189	DRIVER VIOLATIONS CHGD#3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLATN3

Driver violations charged #3

2009 Prcnt	Code	Value and Description
76315 98.4	0	None
Reckless/Careless/Hit-and-Run Type Offenses		
0 0.0	1	Manslaughter or homicide
1 0.0	4	Inattentive, careless, improper driving
1 0.0	5	Fleeing or eluding police
6 0.0	7	Hit-and-run, fail to stop after crash
3 0.0	8	Fail to give aid, information, wait for police after crash
Impairment Offenses		
11 0.0	11	Driving while intoxicated (alcohol or drugs) or BAC above limit
17 0.0	12	Driving while impaired
2 0.0	13	Driving under influence of substance not intended to intoxicate
10 0.0	15	Illegal possession of alcohol or drugs
2 0.0	16	Driving with detectable alcohol
12 0.0	18	Refusal to submit to chemical test
25 0.0	19	Alcohol, drug or impairment violations generally
Speed-Related Offenses		
7 0.0	22	Speeding (above the speed limit)
25 0.0	23	Speed greater than reasonable & prudent (not necessarily over the speed limit)
1 0.0	29	Speed-related violations generally
Rules of the Road - Traffic Signs and Signals		
1 0.0	31	Fail to stop for red signal
2 0.0	35	Fail to obey signal, generally
8 0.0	37	Fail to obey stop sign
2 0.0	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling		
2 0.0	42	Improper method & position of turn (too wide, wrong lane)
1 0.0	45	Fail to yield to emergency vehicle
7 0.0	46	Fail to yield, generally
1 0.0	49	Turn, yield, signaling violations, generally

Variable 189:DRIVER VIOLATIONS CHGD#3 (Continued)

2009 Prcnt Code Value and Description

Rules of the Road - Wrong Side, Passing & Following

1	0.0	51	Driving wrong way on one-way road
12	0.0	52	Driving on left, wrong side of road generally
3	0.0	53	Improper, unsafe passing
1	0.0	54	Pass on right (drive off pavement to pass)
11	0.0	58	Following too closely
1	0.0	59	Wrong side, passing, following violations generally

Rules of the Road - Lane Usage

4	0.0	61	Unsafe of prohibited lane change
3	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
50	0.1	69	Lane violations, generally

Nonmoving - License and Registration Violations

100	0.1	71	Driving while license withdrawn (including violation of provisions of work permit)
138	0.2	72	Other driver license violations
93	0.1	74	Vehicle registration violations
146	0.2	75	Fail to carry insurance card
330	0.4	76	Driving uninsured vehicle
37	0.0	79	Nonmoving violations, generally

Equipment

2	0.0	82	Brake violations
66	0.1	83	Failure to require restraint use (by self or passengers)
6	0.0	84	Motorcycle equipment violations (helmet, special equipment)
2	0.0	86	Size, weight, load violations
12	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)
75	0.1	98	Other moving violation (coasting, backing, opening door)
36	0.0	99	Unknown violation

Variable 190	DRIVER VIOLATIONS CHGD#4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLATN4

Driver violations charged #4

2009 Prcnt Code Value and Description

77276	99.6	0	None
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Reckless/Careless/Hit-and-Run Type Offenses

0	0.0	1	Manslaughter or homicide
1	0.0	7	Hit-and-run, fail to stop after crash

Impairment Offenses

3	0.0	12	Driving while impaired
1	0.0	13	Driving under influence of substance not intended to intoxicate
1	0.0	16	Driving with detectable alcohol
1	0.0	18	Refusal to submit to chemical test
6	0.0	19	Alcohol, drug or impairment violations generally

Speed-Related Offenses

2	0.0	22	Speeding (above the speed limit)
3	0.0	23	Speed greater than reasonable & prudent (not necessarily over the speed limit)

Rules of the Road - Traffic Signs and Signals

1	0.0	39	Fail to obey traffic control device
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Rules of the Road - Turning, Yielding, Signaling

1	0.0	46	Fail to yield, generally
2	0.0	49	Turn, yield, signaling violations, 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
3	0.0	58	Following too closely

Rules of the Road - Lane Usage

1	0.0	61	Unsafe of prohibited lane change
12	0.0	69	Lane violations, generally

Nonmoving - License and Registration Violations

22	0.0	71	Driving while license withdrawn (including violation of provisions of work permit)
25	0.0	72	Other driver license violations
22	0.0	74	Vehicle registration violations
36	0.0	75	Fail to carry insurance card
68	0.1	76	Driving uninsured vehicle
9	0.0	79	Nonmoving violations, generally

Equipment

1	0.0	82	Brake violations
40	0.1	83	Failure to require restraint use (by self or passengers)
5	0.0	84	Motorcycle equipment violations (helmet, special equipment)
5	0.0	89	Equipment violations, generally

License, Registration & Other Violations

26	0.0	98	Other moving violation (coasting, backing, opening door)
18	0.0	99	Unknown violation

<u>Variable 191</u>	<u>DRIVER VIOLATIONS CHGD#5</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLATN5

Driver violations charged #5

2009 Prcnt Code Value and Description

77523 99.9 0 None

Reckless/Careless/Hit-and-Run Type Offenses

0 0.0 1 Manslaughter or homicide

Impairment Offenses

1 0.0 19 Alcohol, drug or impairment violations generally

Speed-Related Offenses

2 0.0 23 Speed greater than reasonable & prudent (not necessarily over the speed limit)

Rules of the Road - Traffic Signs and Signals

1 0.0 31 Fail to stop for red signal

Rules of the Road - Turning, Yielding, Signaling

Rules of the Road - Wrong Side, Passing & Following

1 0.0 51 Driving wrong way on one-way road

Rules of the Road - Lane Usage

Nonmoving - License and Registration Violations

4	0.0	71	Driving while license withdrawn (including violation of provisions of work permit)
6	0.0	72	Other driver license violations
3	0.0	74	Vehicle registration violations
11	0.0	75	Fail to carry insurance card
15	0.0	76	Driving uninsured vehicle
5	0.0	79	Nonmoving violations, generally

Variable 191:DRIVER VIOLATIONS CHGD#5 (Continued)

2009 Prcnt Code Value and Description

Equipment

8	0.0	83	Failure to require restraint use (by self or passengers)
2	0.0	89	Equipment violations, generally

License, Registration & Other Violations

2	0.0	92	Theft, unauthorized use of motor vehicle
8	0.0	98	Other moving violation (coasting, backing, opening door)
2	0.0	99	Unknown violation

The OCCUPANT Variables

Variables 201 through 235 describe the vehicle occupants involved in the crash. The Occupant data set contains these variables, along with the Accident and Vehicle variables on an Occupant level.

Variable 201	CASE NUMBER	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASENUM

Variable 202	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEHNO

This is the vehicle number for the in-transport vehicle, in or on which, this occupant was riding

2009 Prcnt		Code Value and Description
60404	56.2	1 Vehicle #1
40474	37.7	2 Vehicle #2
5255	4.9	3 Vehicle #3
1020	0.9	4 Vehicle #4
242	0.2	5 Vehicle #5
50	0.0	6 Vehicle #6
14	0.0	7 Vehicle #7
9	0.0	8 Vehicle #8
1	0.0	9 Vehicle #9

Variable 203	OCCUPANT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PERNO

2009 Prcnt		Code Value and Description
77408	72.0	1 1 occupant
19348	18.0	2 2 occupants
6390	5.9	3 3 occupants
2521	2.3	4 4 occupants

Variable 203:OCCUPANT NUMBER (Continued)

2009 Prcnt	Code	Value and Description
917	0.9	5 5 occupants
308	0.3	6 6 occupants
142	0.1	7 7 occupants
76	0.1	8 8 occupants
48	0.0	9 9 occupants
38	0.0	10 - Occupant number
1	0.0	43

Variable 204	OCCUPANT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_TYPE

Indicates the role of the occupant in the vehicle

2009 Prcnt	Code	Value and Description
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Motorists

77389	72.0	1 Driver of motor vehicle in transport
30069	28.0	2 Passenger of a motor vehicle in transport

Nonmotorists - Occupant

0	0.0	3 Occupants of a motor vehicle not in transport
0	0.0	4 Occupant of a nonmotor vehicle transport device

Nonmotorists - Nonoccupant

0	0.0	5 Pedestrian
0	0.0	6 Bicyclist
0	0.0	7 Other cyclist
0	0.0	8 Persons on personal conveyances
11	0.0	9 Unknown occupant type in a motor vehicle in transport
0	0.0	10 Persons in or on buildings
0	0.0	19 Unknown type of nonmotorist

Variable 205	OCCUPANT SEATNG POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEAT_POS

Occupant seating position

2009 Prcnt	Code	Value and Description
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77389	72.0	11 Front seat - left side (driver's side)
350	0.3	12 Front seat - middle

Variable 205:OCCUPANT SEATING POSITION (Continued)

2009	Prcnt	Code	Value and Description
15991	14.9	13	Front seat - right side
41	0.0	18	Front seat - other
22	0.0	19	Front seat - unknown
4365	4.1	21	Second seat - left side
1625	1.5	22	Second seat - middle
5001	4.7	23	Second seat - right side
95	0.1	28	Second seat - other
49	0.0	29	Second seat - unknown
252	0.2	31	Third seat - left side
101	0.1	32	Third seat - middle
244	0.2	33	Third seat - right side
7	0.0	38	Third seat - other
84	0.1	39	Third seat - unknown
3	0.0	41	Fourth seat - left side
3	0.0	42	Fourth seat - middle
3	0.0	43	Fourth seat - right side
2	0.0	48	Fourth seat - other
1	0.0	49	Fourth seat - unknown
63	0.1	50	Sleeper section of cab (truck)
847	0.8	51	Other passenger in enclosed passenger or cargo area
13	0.0	52	Other passenger in unenclosed passenger or cargo area
109	0.1	53	Other passenger in passenger or cargo area, unknown whether or not enclosed
5	0.0	54	Trailing unit
87	0.1	55	Riding on vehicle exterior
717	0.7	99	Unknown seating position

Variable 206	OCC RESTRAINT SYSTEM USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - REST_SYS

Occupant restraint system use

2009	Prcnt	Code	Value and Description
6028	5.6	0	None used or not applicable
80416	74.8	1	Lap/shoulder belt
1424	1.3	2	Lap belt
592	0.6	3	Shoulder belt
1690	1.6	5	Motorcycle helmet
3125	2.9	6	Child safety seat
293	0.3	7	None available
4220	3.9	8	Restraint used - specifics unknown or other
9681	9.0	9	Unknown if used

Variable 207	AIRBAG DEPLOYED	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - AIR_BAG (was AIRBAG)

2009 Prcnt	Code	Value and Description
16280 15.1	0	Not applicable (nonmotorist or vehicle/seat not equipped)
9598 8.9	1	Deployed - front
522 0.5	2	Deployed - side (door, seat back)
12 0.0	3	Deployed - curtain (roof)
51 0.0	7	Deployed - other (knee, airbelt, etc.)
1035 1.0	8	Deployed - combination
5237 4.9	9	Deployed - Unknown location
51832 48.2	20	Not deployed
18 0.0	28	Switched off
22884 21.3	99	Unknown if available or deployed

Variable 208	OCCUPANT EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJECTION (was EJECT)

2009 Prcnt	Code	Value and Description
104081 96.8	0	Not ejected
515 0.5	1	Totally ejected
109 0.1	2	Partially ejected
3 0.0	3	Ejected - unknown degree
2663 2.5	8	Not applicable
98 0.1	9	Unknown

Variable 209	OCCUPANT AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - AGE

2009 Prcnt	Code	Value and Description
497 0.5	0	Less than one year old
608 0.6	1	- Age in years
1 0.0	105	
6804 6.3	999	Unknown

<u>Variable 210</u>	<u>OCCUPANT SEX</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

2009	Prcnt	Code	Value and Description
58628	54.6	1	Male
44881	41.8	2	Female
3960	3.7	9	Unknown

<u>Variable 211</u>	<u>OCCUPANT INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ_SEV

Occupant injury severity

2009	Prcnt	Code	Value and Description
68584	63.8	0	No injury (O)
13716	12.8	1	Possible injury (C)
11802	11.0	2	Nonincapacitating injury (B)
8272	7.7	3	Incapacitating injury (A)
941	0.9	4	Fatal injury (K)
623	0.6	5	Injured, severity unknown (U)
1	0.0	6	Died prior to crash
3530	3.3	9	Unknown if injured

<u>Variable 212</u>	<u>TAKEN TO HOSP/TREATMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HOSPITAL

Occupant taken to hospital or treatment facility

2009	Prcnt	Code	Value and Description
81045	75.4	0	No
25374	23.6	1	Yes
1050	1.0	9	Unknown

Variable 213	POLICE REPORTED ALC INV	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_ALCH

Police crash report alcohol involvement - drivers only

2009	Prcnt	Code	Value and Description
66902	62.3	0	No (alcohol not involved)
3380	3.1	1	Yes (alcohol involved)
32580	30.3	8	Not reported
4607	4.3	9	Unknown (police reported)

Variable 214	ALCOHOL TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALCHTEST

Police crash reported alcohol test given - drivers only

2009	Prcnt	Code	Value and Description
55536	51.7	0	Test not given
274	0.3	1	Test refused
2534	2.4	2	Test given
49125	45.7	9	Unknown if tested/ not reported

Variable 215	ALCOHOL TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALTSTTYPE

Police crash reported type alcohol test given - drivers only

55811	51.9	0	Test not given
1274	1.2	1	Blood
538	0.5	2	Breath (Breathalyzer "BAC")
18	0.0	3	Urine
20	0.0	8	Other test type
184	0.2	10	Preliminary Breath Test ("BPT")
493	0.5	98	Unknown type test
49131	45.7	99	Unknown if tested / not reported

Variable 216	ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALTRRESULT

Police crash reported result of alcohol test given - drivers only

2009	Prcnt	Code	Value and Description
215	0.2	0	Missing data
17	0.0	1	.01
		-	
1	0.0	62	.62
55797	51.9	96	Test not given
1509	1.4	97	Test performed, results unknown
28	0.0	98	Positive reading with no actual value
49153	45.7	99	Unknown if tested, not reported

Variable 217	POLICE REPORTED DRUG INV	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_DRUG

Police crash report drug involvement - drivers only

2009	Prcnt	Code	Value and Description
68935	64.1	0	Drugs not involved / not applicable
677	0.6	1	Drugs involved
32838	30.6	8	Not reported
5019	4.7	9	Unknown (police reported)

Variable 218	DRUG TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTEST

Police crash reported drug test given - drivers only

2009	Prcnt	Code	Value and Description
46619	43.4	0	No test given
94	0.1	1	Test refused
872	0.8	2	Test given
59884	55.7	9	Unknown if tested / not reported

Variable 219	DRUG TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRTSTYPE

Police crash reported type drug test given - drivers only

2009 Prcnt	Code	Value and Description
46733 43.5	0	Test not given
658 0.6	1	Blood
57 0.1	2	Urine
15 0.0	3	Both blood and urine
7 0.0	8	Other test type
132 0.1	98	Unknown test type
59867 55.7	99	Unknown if tested / not reported

Variable 220	DRUG TEST RESULT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRTRSULT

Police crash reported drug test result - drivers only

2009 Prcnt	Code	Value and Description
46733 43.5	0	Test not given
55 0.1	1	Negative
41 0.0	2	Positive
771 0.7	7	Tested for drugs, result unknown
59869 55.7	9	Unknown if tested / not reported

Variable 221	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

Variable 222	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 223	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

2009 Prcnt	Code	Value and Description
13901 12.9	1	Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved.
14333 13.3	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
14095 13.1	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
25919 24.1	4	Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash.
17300 16.1	5	Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved.
21921 20.4	6	Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved.

Variable 224	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

<u>Variable 225</u>	<u>REGION OF COUNTRY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

2009 Prcnt	Code	Value and Description
16868 15.7	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
25818 24.0	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
43412 40.4	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
21371 19.9	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

<u>Variable 226</u>	<u>WEIGHT</u>	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Imputed OCCUPANT Variables

Variables 227 through 235 are imputed versions of previous variables found in the Occupant dataset.

<u>Variable 227</u>	<u>IMPUTED OCCUPANT AGE</u>	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AGE_H

This variable was imputed by NHTSA

2009	Prct	Code	Value and Description
546	0.5	0	Less than one year old
685	0.6	1	- Age in years
1	0.0	105	

<u>Variable 228</u>	<u>IMP PAR ALC INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PERALC_H

This variable was imputed by NHTSA

2009	Prct	Code	Value and Description
101580	94.5	0	No (alcohol not involved)
5889	5.5	1	Yes (alcohol involved)

<u>Variable 229</u>	<u>IMPUT OCCUPANT EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EJECT_I

This variable was imputed by NHTSA

2009	Prct	Code	Value and Description
104177	96.9	0	Not ejected
515	0.5	1	Totally ejected
109	0.1	2	Partially ejected
3	0.0	3	Ejected - unknown degree
2665	2.5	8	Not applicable
0	0.0	9	Unknown

Variable	IMP	OCC	INJURY SEVERITY	Width:	Type:
230				1	Numeric
				Dec: None	Miss: None

NHTSA SAS Variable - INJSEV_H

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
71692	66.7	0	No injury (O)
13926	13.0	1	Possible injury(C)
11961	11.1	2	Nonincapacitating injury (B)
8299	7.7	3	Incapacitating injury (A)
956	0.9	4	Fatal injury (K)
634	0.6	5	Injured, severity unknown (U)
1	0.0	6	Died prior to crash

Variable	IMP	OCC	SEATING POSITION	Width:	Type:
231				2	Numeric
				Dec: None	Miss: None

NHTSA SAS Variable - SEAT_H

Occupant seating position

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
77410	72.0	11	Front seat - left side (driver's side)
354	0.3	12	Front seat - middle
16029	14.9	13	Front seat - right side
4417	4.1	21	Second seat - left side
1642	1.5	22	Second seat - middle
5076	4.7	23	Second seat - right side
290	0.3	31	Third seat - left side
111	0.1	32	Third seat - middle
287	0.3	33	Third seat - right side
4	0.0	41	Fourth seat - left side
4	0.0	42	Fourth seat - middle
4	0.0	43	Fourth seat - right side
77	0.1	50	Sleeper section of cab (truck)
1273	1.2	51	Other passenger in enclosed passenger or cargo area
20	0.0	52	Other passenger in unenclosed passenger or cargo area
165	0.2	53	Other passenger in passenger/cargo area, unknown whether or not enclosed
7	0.0	54	Trailing unit
299	0.3	55	Riding on vehicle exterior

Variable 232	IMPUTED OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SEX_H

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
61092	56.8	1 Male
46377	43.2	2 Female

Multiple Response Impairment Variables

Driver Impairment is allowed an unlimited number of entries.
The maximum number recorded this year are shown below.

Variable 233	PHYSICAL IMPAIRMENT #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPAIRMT

Physical impairment #1

Attempts to identify physical impairments for all drivers which
may have contributed to the cause of the crash

2009 Prcnt	Code	Value and Description
Coded for Driver Only:		
65107	60.6	0 None
457	0.4	1 Ill, blackout
738	0.7	2 Drowsy, sleepy, fell asleep, fatigued
2	0.0	3 Requires cane or crutches
6	0.0	4 Paraplegic or restricted to wheelchair
4	0.0	5 Impaired due to previous injury
4	0.0	6 Deaf
0	0.0	7 Blind
3472	3.2	50 Hit-and-run (and no information)
4	0.0	93 Not on Police Accident Report (PAR)
3155	2.9	94 Not coded
80	0.1	97 Physical impairment - no details
2451	2.3	98 Other physical impairment
31989	29.8	99 Unknown if physically impaired

Variable 234	PHYSICAL IMPAIRMENT #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPAIRMT

Physical impairment #2

Attempts to identify physical impairments for all drivers which may have contributed to the cause of the crash

2009 Prcnt Code Value and Description

Coded for Driver Only:

77340	72.0	0	None
13	0.0	2	Drowsy, sleepy, fell asleep, fatigued
36	0.0	98	Other physical impairment
30080	28.0	99	Unknown if physically impaired

Variable 235	PHYSICAL IMPAIRMENT #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPAIRMT

Physical impairment #3

Attempts to identify physical impairments for all drivers which may have contributed to the cause of the crash

2009 Prcnt Code Value and Description

Coded for Driver Only:

77389	72.0	0	None
30080	28.0	99	Unknown if physically impaired

The NONMOTORIST Variables

Variables 301 through 326 describe the Nonmotorists involved in the crash. The Nonmotorist data set contains these variables, along with the Accident variables, the Vehicle variables for the striking vehicle, and the Occupant variables for the driver of the striking vehicle on a Nonmotorist level.

Variable 301	CASE NUMBER	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASENUM

Variable 302	NMTR STRIKING VEH NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STR_VEH

Vehicle number which made contact with the nonmotorist

2009	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
3482	98.9	1	Vehicle #1
38	1.1	2	Vehicle #2
0	0.0	3	Vehicle #3
0	0.0	4	Vehicle #4
1	0.0	5	Vehicle #5

Variable 303	NONMOTORIST NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PERNO

2009	Prcnt	Code	Value and Description
3285	93.3	1	1 nonmotorist
181	5.1	2	2 nonmotorists
35	1.0	3	3 nonmotorists
13	0.4	4	4 nonmotorists
		-	
1	0.0	8	8 nonmotorists

Variable 304	NONMOTORIST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_TYPE

Indicates the role of the nonmotorist

2009 Prcnt	Code	Value and Description
Nonmotorists occupant		
351 10.0	3	Occupant of a motor vehicle not in transport
11 0.3	4	Occupant of a nonmotor vehicle transport device
Nonmotorists nonoccupant		
1778 50.5	5	Pedestrian
1302 37.0	6	Cyclist (pedalcyclist)
3 0.1	7	Person in or on a working vehicle
74 2.1	8	Other or unknown nonoccupant
2 0.1	10	Persons in/on buildings

Variable 305	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

Variable 306	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Variable 307	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 8

Variable 308	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 8

Variable 309	NONMOTORIST AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - AGE

2009 Prcnt	Code	Value and Description
4 0.1	0	Less than 1 year old
17 0.5	1	- Age in years
1 0.0	94	
127 3.6	999	Unknown

Variable 310	NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

2009 Prcnt Code Value and Description

2348	66.7	1	Male
1138	32.3	2	Female
35	1.0	9	Unknown

Variable 311	NONMOTORIST INJ SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ_SEV

Nonmotorist injury severity

2009 Prcnt Code Value and Description

271	7.7	0	No injury (O)
235	6.7	1	Possible injury (C)
2068	58.7	2	Nonincapacitating injury (B)
789	22.4	3	Incapacitating injury (A)
111	3.2	4	Fatal injury (K)
26	0.7	5	Injured, severity unknown (U)
0	0.0	6	Died prior to crash
21	0.6	9	Unknown if injured

Variable 312	TAKEN TO HOSP/TREATMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HOSPITAL

Nonmotorist taken to hospital or treatment facility

2009 Prcnt Code Value and Description

989	28.1	0	No
2371	67.3	1	Yes
161	4.6	9	Unknown

Variable 313	PAR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_ALCH

Police crash report alcohol involvement

Variable 313: PAR ALCOHOL INVOLVEMENT (Continued)

2009 Prcnt	Code	Value and Description
2548 72.4	0	No (alcohol not involved)
204 5.8	1	Yes (alcohol involved)
0 0.0	2	Alcohol involved
564 16.0	8	Not reported
205 5.8	9	Unknown (police reported)

Variable 314	ALCOHOL TEST GIVEN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALCHTEST

Police crash reported alcohol test given - drivers only

2009 Prcnt	Code	Value and Description
1857 52.7	0	Test not given
2 0.1	1	Test refused
39 1.1	2	Test given
1623 46.1	9	Unknown if tested/ not reported

Variable 315	ALCOHOL TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALTSTYPE

Police crash reported type alcohol test given - drivers only

2009 Prcnt	Code	Value and Description
1860 52.8	0	Test not given
20 0.6	1	Blood
1 0.0	2	Breath (Breathalyzer "BAC")
0 0.0	3	Urine
2 0.1	8	Other test type
2 0.1	10	Preliminary Breath Test ("PBT")
14 0.4	98	Unknown test type
1622 46.1	99	Unknown if tested/ not reported

Variable 316	ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALTRSULT

Police crash reported result of alcohol test given - drivers only

Variable 316:ALCOHOL TEST RESULT (Continued)

2009	Prcnt	Code	Value and Description
2	0.1	0	.00
1	0.0	7	.07
1	0.0	10	.10
		-	
1	0.0	64	.64
0	0.0	94	.94 or greater
1862	52.9	96	Test not given
30	0.9	97	Test performed, results unknown
0	0.0	98	Positive reading with no actual value
1620	46.0	99	Unknown if tested/ not reported

Variable 317	PAR DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_DRUG

Police report drug involvement

2009	Prcnt	Code	Value and Description
2677	76.0	0	Drugs not involved
26	0.7	1	Drugs involved
584	16.6	8	Not reported
234	6.6	9	Unknown (police reported)

Variable 318	DRUG TEST GIVEN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTEST

Police crash reported drug test given

2009	Prcnt	Code	Value and Description
1250	35.5	0	Test not given
0	0.0	1	Test refused
21	0.6	2	Test given
2250	63.9	9	Unknown if tested/ not reported

Variable 319	DRUG TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRTSTYPE

Police reported drug test given - all persons type

Variable 319:DRUG TEST TYPE (Continued)

2009	Prcnt	Code	Value and Description
1254	35.6	0	Test not given
11	0.3	1	Blood
0	0.0	2	Urine
1	0.0	3	Both blood and urine
0	0.0	8	Other test type
9	0.3	98	Unknown test type
2246	63.8	99	Unknown if tested/ not reported

Variable 320	DRUG TEST RESULT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRTRRESULT

Police reported drug test result - all type persons

2009	Prcnt	Code	Value and Description
1254	35.6	0	Test not given
2	0.1	1	Negative
3	0.1	2	Positive
16	0.5	7	Tested for drugs, result unknown
2246	63.8	9	Unknown if tested/ not reported

Variable 321	NONMOTORIST LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LOCATN

Nonmotorist location

2009	Prcnt	Code	Value and Description
0	0.0	0	Not applicable - driver or occupant of motor vehicle in transport
629	17.9	1	Intersection - in crosswalk
971	27.6	2	Intersection - on roadway
16	0.5	8	Intersection - other
13	0.4	9	Intersection - unknown location
46	1.3	11	Nonintersection - in crosswalk
1322	37.5	12	Nonintersection - on roadway
314	8.9	18	Nonintersection - other
32	0.9	19	Nonintersection - unknown location
1	0.0	20	In crosswalk - unknown if intersection
145	4.1	98	Other location
32	0.9	99	Unknown location

Variable 322	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 323	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

2009 Prcnt Code Value and Description

76	2.2	1	Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved.
142	4.0	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
2912	82.7	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
277	7.9	4	Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash.
52	1.5	5	Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved.
62	1.8	6	Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved.

Variable 324	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 325	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

2009 Prcnt	Code	Value and Description
754 21.4	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
791 22.5	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
1004 28.5	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
972 27.6	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 326	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Imputed NONMOTORIST Variables

Variables 327 through 332 are imputed versions of previous variables found in the Nonmotorist dataset.

Variable 327	IMPUTED NONMOTORIST AGE	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AGE_H

This variable was imputed by NHTSA

2009 Prcnt	Code	Value and Description
4 0.1	0	Less than one year old
19 0.5	1	- Age in years
1 0.0	94	

Variable 328	IMP PAR ALC INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PERALC_H previously ALCH_H from 1988-1993

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
3253	92.4	0	No (alcohol not involved)
268	7.6	1	Yes (alcohol involved)

Variable 329	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 8

Variable 330	INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - INJSEV_H

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
281	8.0	0	No injury (O)
243	6.9	1	Possible injury (C)
2071	58.8	2	Nonincapacitating injury (B)
789	22.4	3	Incapacitating injury (A)
111	3.2	4	Fatal injury (K)
26	0.7	5	Injured, severity unknown (U)
0	0.0	6	Died prior to crash

Variable 331	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

Variable 332	IMPUTED NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SEX_H

This variable was imputed by NHTSA

2009	Prcnt	Code	Value and Description
2377	67.5	1	Male
1144	32.5	2	Female

Multiple Response Variables

Variables 333 through 344 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

Variable 333	PHYSICAL IMPAIRMENT #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPAIRMT

Physical impairment #1

Attempts to identify physical impairments for all nonmotorists which may have contributed to the cause of the crash

2009 Prcnt Code Value and Description

Coded for nonmotorist only:			
2993	85.0	0	None
1	0.0	1	Ill, blackout
3	0.1	2	Drowsy, sleepy, fell asleep, fatigued
1	0.0	3	Requires cane or crutches
16	0.5	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
1	0.0	6	Deaf
1	0.0	7	Blind
0	0.0	50	Hit-and-run (and no information)
9	0.3	93	Not on Police Accident Report (PAR)
241	6.8	94	Not coded
6	0.2	97	Physical impairment - no details
76	2.2	98	Other physical impairment
173	4.9	99	Unknown if physically impaired

Variable 334	PHYSICAL IMPAIRMENT #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPAIRMT2

Physical impairment #2

Attempts to identify physical impairments for all nonmotorists which may have contributed to the cause of the crash

2009 Prcnt Code Value and Description

Coded for nonmotorist only:			
3520	100.0	0	None
1	0.0	98	Other physical impairment

Variable 335	NONMOTORIST ACTION #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION

Nonmotorist action #1

2009	Prcnt	Code	Value and Description
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1652	46.9	0	No action
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Nonmotorist Vehicle Operator:

28	0.8	1	Failing to have lights on when required
11	0.3	2	Operating without required equipment
24	0.7	3	Improper or erratic lane changing
11	0.3	4	Failure to keep in proper lane or running off road
68	1.9	5	Making improper entry to or exit from trafficway
6	0.2	6	Operating the vehicle in other erratic, reckless, careless or negligent manner
354	10.1	7	Failure to yield right-of-way
14	0.4	8	Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
12	0.3	9	Making other improper turn
143	4.1	10	Driving on wrong side of road

Other Nonmotorist:

302	8.6	21	Darting or running into road
356	10.1	22	Improper crossing of roadway or intersection (jaywalking)
10	0.3	24	Inattentive (talking, eating, etc.)
11	0.3	25	Jogging
0	0.0	26	Nonmotorist pushing a vehicle
62	1.8	27	Walking with traffic
25	0.7	28	Walking against traffic
132	3.7	29	Playing, working, sitting, lying, standing, etc. in roadway
176	5.0	98	Other action
124	3.5	99	Unknown action

Variable 336	NONMOTORIST ACTION #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION2

Nonmotorist action #2

2009	Prcnt	Code	Value and Description
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3183	90.4	0	No action
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Nonmotorist Vehicle Operator:

15	0.4	2	Operating without required equipment
1	0.0	3	Improper or erratic lane changing
2	0.1	5	Making improper entry to or exit from trafficway

Variable 336:NONMOTORIST ACTION #2 (Continued)

2009 Prcnt	Code	Value and Description
43	1.2	7 Failure to yield right-of-way
81	2.3	8 Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
11	0.3	9 Making other improper turns
35	1.0	10 Driving on wrong side of road
Other Nonmotorists:		
82	2.3	22 Improper crossing of roadway or intersection (jaywalking)
15	0.4	24 Inattentive (talking, eating, etc.)
2	0.1	25 Jogging
1	0.0	28 Walking against traffic
4	0.1	29 Playing, working, sitting, lying, standing, etc. in roadway
46	1.3	98 Other action

Variable 337	NONMOTORIST ACTION #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION3

Nonmotorist action #3

2009 Prcnt	Code	Value and Description
3486	99.0	0 No action
Nonmotorist Vehicle Operator:		
1	0.0	5 Making improper entry to or exit from trafficway
4	0.1	7 Failure to yield right-of-way
3	0.1	8 Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
12	0.3	10 Driving on wrong side of road
Other Nonmotorists:		
8	0.2	24 Inattentive (talking, eating, etc.)
7	0.2	98 Other action

Variable 338	NONMOTORIST ACTION #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION4

Nonmotorist action #4

Variable 338:NONMOTORIST ACTION #4 (Continued)

2009	Prcnt	Code	Value and Description
3518	99.9	0	No action
Nonmotorist Vehicle Operator:			
1	0.0	7	Failure to yield right-of-way
1	0.0	8	Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
Other Nonmotorists:			
1	0.0	98	Other action

Variable 339	NONMOTORIST ACTION #5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION5

Nonmotorist action #5

2009	Prcnt	Code	Value and Description
3521	100.0	0	No action

Nonmotorist Vehicle Operator:

Other Nonmotorists:

Variable 340	BICYCLE TRAF CTRL DEV #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BTRAFCON

Bicycle traffic control device #1

2009	Prcnt	Code	Value and Description
754	21.4	0	No controls

NOT AT RAILROAD GRADE CROSSING:

Trafficway Traffic Signals

370	10.5	1	Traffic control signal (on colors)
6	0.2	4	Flashing traffic control signal or flashing beacon
6	0.2	8	Other traffic signal
1	0.0	9	Unknown traffic signal

Variable 340: BICYCLE TRAF CTRL DEV #1 (Continued)

2009 Prcnt	Code	Value and Description
		Regulatory, School Zone Signs
105 3.0	21	Stop sign
2 0.1	22	Yield sign
1 0.0	23	School zone related sign
0 0.0	28	Other sign
0 0.0	29	Unknown sign
		Warning Signs
10 0.3	40	Advisory speed sign
0 0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
1 0.0	42	Warning sign for road construction
0 0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
0 0.0	49	Unknown type warning sign
		Miscellaneous Not at Railroad Crossing
0 0.0	51	Officer, crossing guard, flagman, etc.
		AT RAILROAD GRADE CROSSING:
0 0.0	61	Active device at RR crossing (gates, flashing lights, traffic signal)
1 0.0	62	Passive device at RR crossing (stop sign, cross bucks)
		OTHER:
5 0.1	97	Traffic control present - no details
1 0.0	98	Other traffic control (whether or not at RR grade crossing)
2258 64.1	99	Unknown

Variable 341	<u>BICYCLE TRAF CTRL DEV #2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BTRAFCON2

Bicycle traffic control device #2

2009 Prcnt	Code	Value and Description
1371 38.9	0	No controls
		NOT AT RAILROAD GRADE CROSSING:
		Trafficway Traffic Signals
1 0.0	8	Other traffic signal
		Regulatory, School Zone Signs
1 0.0	21	Stop sign
		Warning Signs
3 0.1	40	Advisory speed sign
1 0.0	49	Unknown type warning sign

Variable 341: BICYCLE TRAF CTRL DEV #2 (Continued)

2009 Prcnt	Code	Value and Description
		Miscellaneous Not at Railroad Crossing
		AT RAILROAD GRADE CROSSING:
		OTHER:
2	0.1	98 Other traffic control (whether or not at RR grade crossing)
2142	60.8	99 Unknown

<u>Variable 342</u>	<u>SAFETY EQUIPMENT USED #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #1

2009 Prcnt	Code	Value and Description
0	0.0	0 Not applicable
2600	73.8	1 None used
272	7.7	2 Bicycle helmet
11	0.3	3 Reflective equipment
0	0.0	4 Bicycle helmet and reflective equipment
13	0.4	8 Other safety equipment
274	7.8	9 Unknown if used
351	10.0	99 Missing data

<u>Variable 343</u>	<u>SAFETY EQUIPMENT USED #2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #2

2009 Prcnt	Code	Value and Description
3165	89.9	0 Not applicable
0	0.0	1 None used
5	0.1	3 Reflective equipment
351	10.0	99 Missing data

<u>Variable 344</u>	<u>SAFETY EQUIPMENT USED #3</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #3

2009	Prcnt	Code	Value and Description
3170	90.0	0	Not applicable
0	0.0	1	None used
351	10.0	99	Missing data

Index to Variables and Code Value Names

"*" = Variable Name (i.e., no code value)

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
"bac"	215	2	Breath (Breathalyzer "BAC")
"bac"	315	2	Breath (Breathalyzer "BAC")
"bpt"	215	10	Preliminary Breath Test ("BPT")
"pbt"	315	10	Preliminary Breath Test ("PBT")
abandoned	134	4	Abandoned/left at scene
absorber	177	4	Suspension-springs, shock absorbers, Mac
absorber	178	4	Suspension - springs, shock absorbers, M
absorber	179	4	Suspension-springs, shock absorbers, Mac
absorber	180	4	Suspension-springs, shock absorbers, Mac
abutment	9	34	Bridge structure (bridge pier/abutment/p
abutment	36	34	Bridge structure (pier/abutment/parapet
abutment	75	134	Bridge structure (bridge pier/abutment/p
abutment	135	34	Bridge structure (bridge pier/abutment/p
abutment	170	34	Bridge structure (bridge pier/abutment/p
accelerating	137	3	Accelerating in traffic lane
accelerating	139	10	Accelerating
accelerating	163	3	Accelerating in traffic lane
access	12	3	Driveway, alley access, etc.
access	44	3	Driveway, alley access, etc.
access	138	70	From driveway, alley access, etc. - turn
access	167	93	Driving where prohibited (sidewalk, limi
access	187	93	Driving where prohibited (sidewalk, limi
access	188	93	Driving where prohibited (sidewalk, limi
access	189	93	Driving where prohibited (sidewalk, limi
access	190	93	Driving where prohibited (sidewalk, limi
access	191	93	Driving where prohibited (sidewalk, limi
across	138	66	From crossing street, straight across pa
action	24	15	Motorist overtaking, counteractive evasi
action	81	*	ACTION FOR THIS EVENT
action	137	17	Successful corrective action/avoidance m
action	139	*	CORRECTIVE ACTION ATTEMP
action	163	17	Successful corrective action to a previo
action	335	*	NONMOTORIST ACTION #1
action	336	*	NONMOTORIST ACTION #2
action	337	*	NONMOTORIST ACTION #3
action	338	*	NONMOTORIST ACTION #4
action	339	*	NONMOTORIST ACTION #5
active	19	61	Active devices (gates, flashing lights,
active	47	61	Active devices (e.g. gates, flashing lig
active	171	61	Active devices at RR crossing (gates, fl
active	172	61	Active devices at RR crossing (gates, fl
active	173	61	Active devices at RR crossing (gates, fl
active	174	61	Active devices at RR crossing (gates, fl
active	340	61	Active device at RR crossing (gates, fla
active	341	61	Active devices at RR crossing (gates, fl
actual	216	98	Positive reading with no actual value
actual	316	98	Positive reading with no actual value
adjacent	138	60	From adjacent lane (same direction) - ov
adjusting	184	7	While adjusting climate control
adjusting	185	7	While adjusting climate control
adjusting	186	7	While adjusting climate control
adverse	22	1	No adverse atmospheric conditions
adverse	48	1	No adverse atmospheric related driving c
advisory	19	40	Advisory speed sign

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
advisory	47	40	Advisory speed sign
advisory	171	40	Advisory speed sign
advisory	172	40	Advisory speed sign
advisory	173	40	Advisory speed sign
advisory	174	40	Advisory speed sign
advisory	340	40	Advisory speed sign
advisory	341	40	Advisory speed sign
aerostar	108	20	Minivan (Chrysler Town & Country, Astro,
aerostar	160	20	Minivan (Chrysler Town & Country, Astro,
age	209	*	OCCUPANT AGE
age	227	*	IMPUTED OCCUPANT AGE
age	309	*	NONMOTORIST AGE
age	327	*	IMPUTED NONMOTORIST AGE
aid	167	8	Fail to give aid, information, wait for
aid	187	8	Fail to give aid, information, wait for
aid	188	8	Fail to give aid, information, wait for
aid	189	8	Fail to give aid, information, wait for
aid	190	8	Fail to give aid, information, wait for
aid	191	8	Fail to give aid, information, wait for
airbag	207	*	AIRBAG DEPLOYED
airbelt	207	7	Deployed - other (knee, airbelt, etc.)
alcohol	27	*	ALCOHOL INVOLVD IN CRASH
alcohol	34	*	IMP ALCOHOL INV IN CRASH
alcohol	153	1	Alcohol involved
alcohol	167	11	Driving while intoxicated (alcohol or dr
alcohol	169	*	IMP ALCOHOL INV D IN VEH
alcohol	187	11	Driving while intoxicated (alcohol or dr
alcohol	188	11	Driving while intoxicated (alcohol or dr
alcohol	189	11	Driving while intoxicated (alcohol or dr
alcohol	190	11	Driving while intoxicated (alcohol or dr
alcohol	191	11	Driving while intoxicated (alcohol or dr
alcohol	213	*	POLICE REPORTED ALC INV
alcohol	214	*	ALCOHOL TEST STATUS
alcohol	215	*	ALCOHOL TEST TYPE
alcohol	216	*	ALCOHOL TEST RESULT
alcohol	228	*	IMP PAR ALC INVOLVEMENT
alcohol	313	*	PAR ALCOHOL INVOLVEMENT
alcohol	314	*	ALCOHOL TEST GIVEN
alcohol	315	*	ALCOHOL TEST TYPE
alcohol	316	*	ALCOHOL TEST RESULT
alcohol	328	*	IMP PAR ALC INVOLVEMENT
alignment	16	*	ROADWAY ALIGNMENT
alignment	35	*	IMP ROADWAY ALIGNMENT
alignment	145	*	ROADWAY ALIGNMENT
alley	12	3	Driveway, alley access, etc.
alley	20	0	No statutory limit (parking lot, alley,
alley	24	8	Drive out, driveway/alley
alley	44	3	Driveway, alley access, etc.
alley	45	0	No statutory limit (parking lot, alley,
alley	138	70	From driveway, alley access, etc. - turn
alley	148	0	No statutory limit (parking lot, alley,
along	24	531	Walking/running along roadway with traff
ambulance	108	11	Auto-based panel (cargo station wagon, a
ambulance	111	6	Ambulance
ambulance	160	11	Auto-based panel (cargo station wagon, a
angle	10	4	Angle
angle	39	4	Angle

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
angle	181	14	Obstructing angles on vehicle
angle	182	14	Obstructing angles on vehicle
angle	183	14	Obstructing angles on vehicle
animal	9	24	Animal
animal	36	24	Animal
animal	75	124	Animal
animal	135	24	Animal
animal	138	87	Animal in roadway
animal	143	3	Avoid collision with vehicle, pedestrian
animal	170	24	Animal
animal	175	3	Animal in road
animal	176	3	Animal in road
approach	24	97	Unknown if approach paths are parallel o
approaching	138	81	Pedestrian approaching roadway
april	2	4	April
arm	177	4	Suspension-springs, shock absorbers, Mac
arm	178	4	Suspension - springs, shock absorbers, M
arm	179	4	Suspension-springs, shock absorbers, Mac
arm	180	4	Suspension-springs, shock absorbers, Mac
arrow	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
arrow	160	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
asleep	184	11	Sleepy or fell asleep
asleep	185	11	Sleepy or fell asleep
asleep	186	11	Sleepy or fell asleep
asleep	233	2	Drowsy, sleepy, fell asleep, fatigued
asleep	234	2	Drowsy, sleepy, fell asleep, fatigued
asleep	235	2	Drowsy, sleepy, fell asleep, fatigued
asleep	333	2	Drowsy, sleepy, fell asleep, fatigued
asleep	334	2	Drowsy, sleepy, fell asleep, fatigued
astro	108	20	Minivan (Chrysler Town & Country, Astro,
astro	160	20	Minivan (Chrysler Town & Country, Astro,
atmospheric	22	*	ATMOSPHERIC CONDITION
atmospheric	48	*	IMP ATMOSPHERIC COND
attenuator	9	33	Impact attenuator or crash cushion
attenuator	36	33	Impact attenuator or crash cushion
attenuator	75	133	Impact attenuator or crash cushion
attenuator	135	33	Impact attenuator or crash cushion
attenuator	170	33	Impact attenuator or crash cushion
atv	108	90	ATV (all terrain vehicle including dune/
atv	160	90	ATV (all terrain vehicle including dune/
august	2	8	August
authorized	167	6	Fail to obey police, fireman, authorized
authorized	187	6	Fail to obey police, fireman, authorized
authorized	188	6	Fail to obey police, fireman, authorized
authorized	189	6	Fail to obey police, fireman, authorized
authorized	190	6	Fail to obey police, fireman, authorized
authorized	191	6	Fail to obey police, fireman, authorized
auto	109	6	Auto transporter
auto-based	108	10	Auto-based pickup (includes El Camino, C
auto-based	160	10	Auto-based pickup (includes El Camino, C
automobile	108	8	Other automobile type
automobile	160	8	Other automobile type
avoidance	137	17	Successful corrective action/avoidance m
avoidance	139	1	No avoidance maneuver
avoidance	175	97	Avoidance maneuver - no details
avoidance	176	97	Avoidance maneuver - no details
bac	167	11	Driving while intoxicated (alcohol or dr

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
bac	187	11	Driving while intoxicated (alcohol or dr
bac	188	11	Driving while intoxicated (alcohol or dr
bac	189	11	Driving while intoxicated (alcohol or dr
bac	190	11	Driving while intoxicated (alcohol or dr
bac	191	11	Driving while intoxicated (alcohol or dr
back	74	4	Back
back	76	4	Back
back	127	4	Back
back	128	4	Back
back	129	4	Back
back	130	4	Back
back	131	4	Back
back	132	4	Back
back	162	4	Back
back	207	2	Deployed - side (door, seat back)
backing	24	11	Motorist backing
backing	137	13	Backing up (other than for parking posit
backing	138	56	Backing
backing	143	92	Backing vehicle
backing	163	13	Backing up (other than for parking purpo
backing	167	98	Other moving violation (coasting, backin
backing	187	98	Other moving violation (coasting, backin
backing	188	98	Other moving violation (coasting, backin
backing	189	98	Other moving violation (coasting, backin
backing	190	98	Other moving violation (coasting, backin
backing	191	98	Other moving violation (coasting, backin
ball	177	3	Steering system - tie rod, kingpin, ball
ball	178	3	Steering system - tie rod, kingpin, ball
ball	179	3	Steering system - tie rod, kingpin, ball
ball	180	3	Steering system - tie rod, kingpin, ball
barrier	9	36	Concrete traffic barrier or other longit
barrier	14	2	Divided highway (median strip, barrier,
barrier	36	36	Concrete traffic barrier or other longit
barrier	75	136	Concrete traffic barrier or other longit
barrier	135	36	Concrete traffic barrier or other longit
barrier	150	2	Divided highway (median strip, barrier)
barrier	170	36	Concrete traffic barrier or other longit
beacon	19	4	Flashing traffic control signal or flash
beacon	47	4	Flashing traffic control signal or flash
beacon	171	4	Flashing traffic control signal or flash
beacon	172	4	Flashing traffic control signal or flash
beacon	173	4	Flashing traffic control signal or flash
beacon	174	4	Flashing traffic control signal or flash
beacon	340	4	Flashing traffic control signal or flash
beacon	341	4	Flashing traffic control signal or flash
belt	206	1	Lap/shoulder belt
bicycle	108	81	Moped (motorized bicycle)
bicycle	160	81	Moped (motorized bicycle)
bicycle	340	*	BICYCLE TRAF CTRL DEVC#1
bicycle	341	*	BICYCLE TRAF CTRL DEVC#2
bicycle	342	2	Bicycle helmet
bicycle	343	2	Bicycle helmet
bicycle	344	2	Bicycle helmet
bicyclist	24	40	Play vehicle (Big Wheel, other tricycle
bicyclist	204	6	Bicyclist
billboard	181	4	Building, billboard, or other structure
billboard	182	4	Building, billboard, or other structure

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
billboard	183	4	Building, billboard, or other structure
blackout	233	1	Ill, blackout
blackout	234	1	Ill, blackout
blackout	235	1	Ill, blackout
blackout	333	1	Ill, blackout
blackout	334	1	Ill, blackout
blind	233	7	Blind
blind	234	7	Blind
blind	235	7	Blind
blind	333	7	Blind
blind	334	7	Blind
blood	215	1	Blood
blood	219	1	Blood
blood	315	1	Blood
blood	319	1	Blood
blow	138	1	Blow out or flat tire
blowing	22	8	Other (smog, smoke, blowing sand/dust/sn
blowing	48	8	Other (smog, smoke, blowing sand/dust/sn
body	108	*	BODY TYPE
body	109	*	CARGO BODY TYPE
body	160	*	IMPUTED BODY TYPE
body	177	14	Body, doors
body	178	14	Body, doors
body	179	14	Body, doors
body	180	14	Body, doors
book	167	73	Commercial driver violations (log book,
book	187	73	Commercial driver violations (log book,
book	188	73	Commercial driver violations (log book,
book	189	73	Commercial driver violations (log book,
book	190	73	Commercial driver violations (log book,
book	191	73	Commercial driver violations (log book,
boulder	9	46	Boulder
boulder	36	46	Boulder
boulder	75	146	Boulder
boulder	135	46	Boulder
boulder	170	46	Boulder
box	109	1	Van/enclosed box
brake	139	5	Releasing brakes
brake	167	82	Brake violations
brake	177	2	Brake system
brake	178	2	Brake system
brake	179	2	Brake system
brake	180	2	Brake system
brake	187	82	Brake violations
brake	188	82	Brake violations
brake	189	82	Brake violations
brake	190	82	Brake violations
brake	191	82	Brake violations
braking	139	2	Braking (no lockup)
breath	215	2	Breath (Breathalyzer "BAC")
breath	315	2	Breath (Breathalyzer "BAC")
breathalyzer	215	2	Breath (Breathalyzer "BAC")
breathalyzer	315	2	Breath (Breathalyzer "BAC")
bridge	9	34	Bridge structure (bridge pier/abutment/p
bridge	12	6	On a bridge
bridge	36	34	Bridge structure (pier/abutment/parapet
bridge	44	6	On a bridge

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
bridge	75	134	Bridge structure (bridge pier/abutment/p
bridge	135	34	Bridge structure (bridge pier/abutment/p
bridge	170	34	Bridge structure (bridge pier/abutment/p
bright	181	2	Reflected glare, bright sunlight, headli
bright	182	2	Reflected glare, bright sunlight, headli
bright	183	2	Reflected glare, bright sunlight, headli
broken	181	13	Broken or improperly cleaned windshield
broken	182	13	Broken or improperly cleaned windshield
broken	183	13	Broken or improperly cleaned windshield
bucks	19	62	Passive device (stop sign, cross bucks)
bucks	47	62	Passive device (stop sign, cross bucks)
bucks	171	62	Passive device at RR crossing (stop sign
bucks	172	62	Passive device at RR crossing (stop sign
bucks	173	62	Passive device at RR crossing (stop sign
bucks	174	62	Passive device at RR crossing (stop sign
bucks	340	62	Passive device at RR crossing (stop sign
bucks	341	62	Passive device at RR crossing (stop sign
buggy	108	90	ATV (all terrain vehicle including dune/
buggy	160	90	ATV (all terrain vehicle including dune/
building	9	32	Building
building	36	32	Building
building	75	132	Building
building	135	32	Building
building	170	32	Building
building	181	4	Building, billboard, or other structure
building	182	4	Building, billboard, or other structure
building	183	4	Building, billboard, or other structure
buildings	204	10	Persons in or on buildings
buildings	304	10	Persons in/on buildings
bus	23	*	SCHOOL BUS REL TO CRASH
bus	24	110	Commercial bus
bus	108	20	Minivan (Chrysler Town & Country, Astro,
bus	109	22	Bus
bus	111	2	Vehicle used as school bus
bus	160	20	Minivan (Chrysler Town & Country, Astro,
bus	167	55	Pass stopped school bus
bus	187	55	Pass stopped school bus
bus	188	55	Pass stopped school bus
bus	189	55	Pass stopped school bus
bus	190	55	Pass stopped school bus
bus	191	55	Pass stopped school bus
bush	9	44	Shrubbery or bush
bush	36	44	Shrubbery or bush
bush	75	144	Shrubbery or bush
bush	135	44	Shrubbery or bush
bush	170	44	Shrubbery or bush
cab	108	40	Cab chassis-based (includes rescue vehic
cab	160	40	Cab chassis-based (includes rescue vehic
cab	205	50	Sleeper section of cab (truck)
cab	231	50	Sleeper section of cab (truck)
camper	108	32	Pickup with slide-in camper
camper	160	32	Pickup with slide-in camper
cane	233	3	Requires cane or crutches
cane	234	3	Requires cane or crutches
cane	235	3	Requires cane or crutches
cane	333	3	Requires cane or crutches
cane	334	3	Requires cane or crutches

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
car	104	1	Yes, driver or car and driver left scene
car	108	17	3-door coupe (passenger car, added in 19
car	160	17	3-door coupe (passenger car, added in 19
car	161	1	Yes, driver or car and driver left scene
card	167	75	Fail to carry insurance card
card	187	75	Fail to carry insurance card
card	188	75	Fail to carry insurance card
card	189	75	Fail to carry insurance card
card	190	75	Fail to carry insurance card
card	191	75	Fail to carry insurance card
careless	167	4	Inattentive, careless, improper driving
careless	187	4	Inattentive, careless, improper driving
careless	188	4	Inattentive, careless, improper driving
careless	189	4	Inattentive, careless, improper driving
careless	190	4	Inattentive, careless, improper driving
careless	191	4	Inattentive, careless, improper driving
careless	335	6	Operating the vehicle in other erratic,
careless	336	6	Operating the vehicle in erratic, reckle
careless	337	6	Operating the vehicle in erratic, reckle
careless	338	6	Operating the vehicle in erratic, reckle
careless	339	6	Operating the vehicle in erratic, reckle
cargo	108	11	Auto-based panel (cargo station wagon, a
cargo	109	*	CARGO BODY TYPE
cargo	160	11	Auto-based panel (cargo station wagon, a
cargo	167	85	Violation of hazardous cargo restriction
cargo	187	85	Violation of hazardous cargo restriction
cargo	188	85	Violation of hazardous cargo restriction
cargo	189	85	Violation of hazardous cargo restriction
cargo	190	85	Violation of hazardous cargo restriction
cargo	191	85	Violation of hazardous cargo restriction
cargo	205	51	Other passenger in enclosed passenger or
cargo	231	51	Other passenger in enclosed passenger or
carrier's	118	*	CARRIER'S ID NUMBER
carry	108	50	School bus type (designed to carry stude
carry	160	50	School bus type (designed to carry stude
carry	167	75	Fail to carry insurance card
carry	187	75	Fail to carry insurance card
carry	188	75	Fail to carry insurance card
carry	189	75	Fail to carry insurance card
carry	190	75	Fail to carry insurance card
carry	191	75	Fail to carry insurance card
case	1	*	CASE NUMBER
case	71	*	CASE NUMBER
case	101	*	CASE NUMBER
case	201	*	CASE NUMBER
case	301	*	CASE NUMBER
cassette	184	8	While adjusting radio, cassette, or CD
cassette	185	8	While adjusting radio, cassette, or CD
cassette	186	8	While adjusting radio, cassette, or CD
cd	184	8	While adjusting radio, cassette, or CD
cd	185	8	While adjusting radio, cassette, or CD
cd	186	8	While adjusting radio, cassette, or CD
cellular	184	5	While talking or listening to cellular p
cellular	185	5	While talking or listening to cellular p
cellular	186	5	While talking or listening to cellular p
certain	167	63	Certain traffic to use right lane (truck
certain	187	63	Certain traffic to use right lane (truck

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
certain	188	63	Certain traffic to use right lane (truck
certain	189	63	Certain traffic to use right lane (truck
certain	190	63	Certain traffic to use right lane (truck
certain	191	63	Certain traffic to use right lane (truck
changes	24	61	Motorist changes lanes into cyclist
changing	137	15	Changing lanes
changing	143	46	Changing lanes to the right
changing	163	15	Changing lanes
changing	335	3	Improper or erratic lane changing
changing	336	3	Improper or erratic lane changing
changing	337	3	Improper or erratic lane changing
changing	338	3	Improper or erratic lane changing
changing	339	3	Improper or erratic lane changing
charged	167	*	IMP VIOLATIONS CHARGED
chassis	108	12	Large limousine (more than four side doo
chassis	109	11	Intermodal container chassis
chassis	160	12	Large limousine (more than four side doo
chassis-based	108	40	Cab chassis-based (includes rescue vehic
chassis-based	160	40	Cab chassis-based (includes rescue vehic
chemical	167	18	Refusal to submit to chemical test
chemical	187	18	Refusal to submit to chemical test
chemical	188	18	Refusal to submit to chemical test
chemical	189	18	Refusal to submit to chemical test
chemical	190	18	Refusal to submit to chemical test
chemical	191	18	Refusal to submit to chemical test
child	206	6	Child safety seat
chips	109	8	Grain/chips/gravel
class	116	*	HAZ MATERIALS CLASS NUM
cleaned	181	13	Broken or improperly cleaned windshield
cleaned	182	13	Broken or improperly cleaned windshield
cleaned	183	13	Broken or improperly cleaned windshield
climate	184	7	While adjusting climate control
climate	185	7	While adjusting climate control
climate	186	7	While adjusting climate control
clockwise	140	3	Skidding laterally - clockwise rotation
coasting	167	98	Other moving violation (coasting, backin
coasting	187	98	Other moving violation (coasting, backin
coasting	188	98	Other moving violation (coasting, backin
coasting	189	98	Other moving violation (coasting, backin
coasting	190	98	Other moving violation (coasting, backin
coasting	191	98	Other moving violation (coasting, backin
code	154	*	DRIVERS ZIP CODE
collision	10	*	MANNER OF COLLISION
collision	39	*	IMP MANNER OF COLLISION
collision	81	2	Collision with object not fixed
collision	138	0	Not applicable/no collision
collision	143	3	Avoid collision with vehicle, pedestrian
color	19	1	Traffic control signal (on colors)
color	47	1	Traffic control signal (on colors)
color	171	1	Traffic control signal (on colors)
color	172	1	Traffic control signal (on colors)
color	173	1	Traffic control signal (on colors)
color	174	1	Traffic control signal (on colors)
color	340	1	Traffic control signal (on colors)
color	341	1	Traffic control signal (on colors)
combination	207	8	Deployed - combination
combustible	116	3	Flammable/combustible liquid

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
commercial	24	2	Ride out, commercial driveway
commercial	167	73	Commercial driver violations (log book,
commercial	187	73	Commercial driver violations (log book,
commercial	188	73	Commercial driver violations (log book,
commercial	189	73	Commercial driver violations (log book,
commercial	190	73	Commercial driver violations (log book,
commercial	191	73	Commercial driver violations (log book,
compact	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
compact	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
concrete	9	36	Concrete traffic barrier or other longit
concrete	36	36	Concrete traffic barrier or other longit
concrete	75	136	Concrete traffic barrier or other longit
concrete	109	5	Concrete mixer
concrete	135	36	Concrete traffic barrier or other longit
concrete	170	36	Concrete traffic barrier or other longit
condition	18	*	ROADWAY SURFACE COND
condition	19	41	Warning sign for road conditions (hill,
condition	21	*	LIGHT CONDITION
condition	22	*	ATMOSPHERIC CONDITION
condition	38	*	IMP LIGHT CONDITION
condition	46	*	IMP ROADWAY SURFACE COND
condition	47	41	Warning sign for road conditions (hill,
condition	48	*	IMP ATMOSPHERIC COND
condition	138	5	Poor road conditions (puddle, pothole, i
condition	149	*	SURFACE CONDITION
condition	171	41	Warning sign for road conditions (hill,
condition	172	41	Warning sign for road conditions (hill,
condition	173	41	Warning sign for road conditions (hill,
condition	174	41	Warning sign for road conditions (hill,
condition	175	2	Poor road conditions (puddle, ice, potho
condition	176	2	Poor road conditions (puddle, ice, potho
condition	340	41	Warning sign for road conditions (hill,
condition	341	41	Warning sign for road conditions (hill,
construction	19	42	Warning sign for road construction
construction	33	1	Construction
construction	47	42	Warning sign for road construction
construction	108	93	Construction equipment other than trucks
construction	160	93	Construction equipment other than trucks
construction	171	42	Warning sign for road construction
construction	172	42	Warning sign for road construction
construction	173	42	Warning sign for road construction
construction	174	42	Warning sign for road construction
construction	340	42	Warning sign for road construction
construction	341	42	Warning sign for road construction
container	109	11	Intermodal container chassis
continuous	13	9	Continuous left turn lane
contributing	177	*	VEHICLE CONTRIB FACTOR#1
contributing	178	*	VEHICLE CONTRIB FACTOR#2
contributing	179	*	VEHICLE CONTRIB FACTOR#3
contributing	180	*	VEHICLE CONTRIB FACTOR#4
control	19	*	TRAFFIC CONTROL DEVICE
control	24	14	Motorist lost control
control	47	*	IMP TRAFFIC CONTROL DEV
control	138	8	Other cause of control loss
control	140	*	PRECRASH VEHICLE CONTROL
control	143	2	Control/traction loss
control	167	39	Fail to obey traffic control device

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
control	171	0	No controls
control	172	0	No controls
control	173	0	No controls
control	174	0	No controls
control	177	4	Suspension-springs, shock absorbers, Mac
control	178	4	Suspension - springs, shock absorbers, M
control	179	4	Suspension-springs, shock absorbers, Mac
control	180	4	Suspension-springs, shock absorbers, Mac
control	184	7	While adjusting climate control
control	185	7	While adjusting climate control
control	186	7	While adjusting climate control
control	187	39	Fail to obey traffic control device
control	188	39	Fail to obey traffic control device
control	189	39	Fail to obey traffic control device
control	190	39	Fail to obey traffic control device
control	191	39	Fail to obey traffic control device
control	335	8	Failure to obey traffic signs, traffic c
control	336	8	Failure to obey traffic signs, traffic c
control	337	8	Failure to obey traffic signs, traffic c
control	338	8	Failure to obey traffic signs, traffic c
control	339	8	Failure to obey traffic signs, traffic c
control	340	0	No controls
control	341	0	No controls
controlled	24	55	Controlled intersection, other
conventional	108	39	Unknown (pickup style) light conventiona
conventional	160	39	Unknown (pickup style) light conventiona
convertible	108	1	Convertible (excludes sun roof, t-bar)
convertible	160	1	Convertible (excludes sun roof, t-bar)
conveyances	204	8	Persons on personal conveyances
corner	24	31	Cyclist cuts corner
corner	74	11	Front right corner
corner	76	11	Front right corner
corner	127	11	Front right corner
corner	162	11	Front right corner
corrective	137	17	Successful corrective action/avoidance m
corrective	139	*	CORRECTIVE ACTION ATTEMP
corrective	163	17	Successful corrective action to a previo
corrosive	116	8	Corrosive
counteractive	24	15	Motorist overtaking, counteractive evasi
counterclockwise	140	4	Skidding laterally - counterclockwise ro
country	31	*	REGION OF COUNTRY
country	80	*	REGION OF COUNTRY
country	108	20	Minivan (Chrysler Town & Country, Astro,
country	158	*	REGION OF COUNTRY
country	160	20	Minivan (Chrysler Town & Country, Astro,
country	225	*	REGION OF COUNTRY
country	325	*	REGION OF COUNTRY
crash	3	*	CRASH DATE - YEAR
crash	4	*	CRASH DAY OF WEEK
crash	5	*	CRASH TIME - HOUR
crash	6	*	CRASH TIME - MINUTE
crash	7	*	NUMBER VEHICLES IN CRASH
crash	8	*	NUM NONMOTORSTS IN CRASH
crash	9	33	Impact attenuator or crash cushion
crash	19	43	Warning sign for environment/traffic (fo
crash	23	*	SCHOOL BUS REL TO CRASH
crash	24	*	PEDESTRIAN/CYCLIST CRASH

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
crash	25	*	MAX INJRY SEVERITY CRASH
crash	26	*	NUM INJ PERSONS IN CRASH
crash	27	*	ALCOHOL INVOLVD IN CRASH
crash	34	*	IMP ALCOHOL INV IN CRASH
crash	36	33	Impact attenuator or crash cushion
crash	37	*	IMP CRASH TIME - HOUR
crash	40	*	IMP MAX INJ SEV IN CRASH
crash	41	*	IMP CRASH TIME - MINUTE
crash	42	*	IMP NUM INJ PER IN CRASH
crash	47	43	Warning sign for environment/traffic (fo
crash	49	*	IMP CRASH DAY OF WEEK
crash	75	133	Impact attenuator or crash cushion
crash	135	33	Impact attenuator or crash cushion
crash	151	6	Died prior to crash
crash	152	0	No person injured/property damage only c
crash	165	6	Died prior to crash
crash	166	0	No person injured/property damage only c
crash	167	7	Hit-and-Run, fail to stop after crash
crash	169	8	No applicable person involved in the cra
crash	170	33	Impact attenuator or crash cushion
crash	171	43	Warning sign for environment/traffic (fo
crash	172	43	Warning sign for environment/traffic (fo
crash	173	43	Warning sign for environment/traffic (fo
crash	174	43	Warning sign for environment/traffic (fo
crash	187	7	Hit-and-Run, fail to stop after crash
crash	188	7	Hit-and-Run, fail to stop after crash
crash	189	7	Hit-and-Run, fail to stop after crash
crash	190	7	Hit-and-Run, fail to stop after crash
crash	191	7	Hit-and-Run, fail to stop after crash
crash	211	6	Died prior to crash
crash	230	6	Died prior to crash
crash	311	6	Died prior to crash
crash	330	6	Died prior to crash
crash	340	43	Warning sign for environment/traffic (fo
crash	341	43	Warning sign for environment/traffic (fo
cream	24	130	Ice cream vendor
critical	137	*	PRIOR TO CRITICAL EVENT
critical	138	*	CRITICAL EVENT
critical	163	17	Successful corrective action to a previo
crop	181	5	Trees, crops, vegetation
crop	182	5	Trees, crops, vegetation
crop	183	5	Trees, crops, vegetation
crossover	12	7	Crossover related
crossover	44	7	Crossover related
crossover	138	55	In crossover
crosswalk	321	1	Intersection - in crosswalk
crosswind	22	8	Other (smog, smoke, blowing sand/dust/sn
crosswind	48	8	Other (smog, smoke, blowing sand/dust/sn
cruiser	108	15	Large utility (Jeep Cherokee 83 and befo
cruiser	160	15	Large utility (Jeep Cherokee 83 and befo
crutches	233	3	Requires cane or crutches
crutches	234	3	Requires cane or crutches
crutches	235	3	Requires cane or crutches
crutches	333	3	Requires cane or crutches
crutches	334	3	Requires cane or crutches
culvert	9	38	Culvert or ditch
culvert	36	38	Culvert or ditch

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
culvert	75	138	Culvert or ditch
culvert	135	38	Culvert or ditch
culvert	170	38	Culvert or ditch
curb	9	39	Curb
curb	24	610	Pedestrian waiting to cross at/near curb
curb	36	39	Curb
curb	75	139	Curb
curb	135	39	Curb
curb	170	39	Curb
curtain	207	3	Deployed - curtain (roof)
curve	16	2	Curve
curve	35	2	Curve
curve	137	14	Negotiating a curve
curve	145	2	Curve
curve	163	14	Negotiating a curve
curve	181	3	Curve, hill or other roadway design feat
curve	182	3	Curve, hill or other roadway design feat
curve	183	3	Curve, hill or other roadway design feat
cushion	9	33	Impact attenuator or crash cushion
cushion	36	33	Impact attenuator or crash cushion
cushion	75	133	Impact attenuator or crash cushion
cushion	135	33	Impact attenuator or crash cushion
cushion	170	33	Impact attenuator or crash cushion
cuts	24	31	Cyclist cuts corner
cycle	9	22	Cycle or cyclist (pedalcycle or pedalcy
cycle	36	22	Cycle or cyclist (pedalcycle or pedalcy
cycle	75	122	Cycle or cyclist (pedalcycle or pedalcy
cycle	108	88	Other motored cycle type (minibike, moto
cycle	135	22	Cycle or cyclist (pedalcycle or pedalcy
cycle	160	88	Other motored cycle type (minibike, moto
cycle	170	22	Cycle or cyclist (pedalcycle or pedalcy
cyclist	9	22	Cycle or cyclist (pedalcycle or pedalcy
cyclist	24	*	PEDESTRIAN/CYCLIST CRASH
cyclist	36	22	Cycle or cyclist (pedalcycle or pedalcy
cyclist	75	122	Cycle or cyclist (pedalcycle or pedalcy
cyclist	135	22	Cycle or cyclist (pedalcycle or pedalcy
cyclist	170	22	Cycle or cyclist (pedalcycle or pedalcy
cyclist	204	7	Other cyclist
cyclist	304	6	Cyclist (pedalcyclist)
damage	26	0	No person injured/property damage only c
damage	42	0	No person injured/property damage only c
damage	127	0	No damage or noncollision
damage	128	*	DAMAGE AREA #1
damage	129	*	DAMAGE AREA #2
damage	130	*	DAMAGE AREA #3
damage	131	*	DAMAGE AREA #4
damage	132	*	DAMAGE AREA #5
damage	133	*	DAMAGE SEVERITY
damage	134	2	Towed due to disabling damage
damage	152	0	No person injured/property damage only c
damage	162	0	No damage/noncollision
damage	166	0	No person injured/property damage only c
damaged	128	7	All areas damaged
damaged	129	7	All areas damaged
damaged	130	7	All areas damaged
damaged	131	7	All areas damaged
damaged	132	7	All areas damaged

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
dangerous	116	4	Flammable solid, spontaneously combustib
dark	21	2	Dark - not lighted
dark	38	2	Dark - not lighted
darting	335	21	Darting or running into road
darting	336	21	Darting or running into road
darting	337	21	Darting or running into road
darting	338	21	Darting or running into road
darting	339	21	Darting or running into road
dart-out	24	821	Mid-block dart-out, first half
dash	24	730	Intersection dash
date	2	*	ACCIDENT DATE - MONTH
date	3	*	CRASH DATE - YEAR
dawn	21	4	Dawn
dawn	38	4	Dawn
day	4	*	CRASH DAY OF WEEK
day	49	*	IMP CRASH DAY OF WEEK
daylight	21	1	Daylight
daylight	38	1	Daylight
deaf	233	6	Deaf
deaf	234	6	Deaf
deaf	235	6	Deaf
deaf	333	6	Deaf
deaf	334	6	Deaf
death	167	9	Serious violation resulting in death
death	187	9	Serious violation resulting in death
death	188	9	Serious violation resulting in death
death	189	9	Serious violation resulting in death
death	190	9	Serious violation resulting in death
death	191	9	Serious violation resulting in death
decelerating	137	2	Decelerating in traffic lane
decelerating	138	18	This vehicle decelerating
decelerating	143	28	Decelerating (slowing)
decelerating	163	2	Decelerating in traffic lane
december	2	12	December
defog	181	9	Inadequate defrost or defog system
defog	182	9	Inadequate defrost or defog system
defog	183	9	Inadequate defrost or defog system
defrost	181	9	Inadequate defrost or defog system
defrost	182	9	Inadequate defrost or defog system
defrost	183	9	Inadequate defrost or defog system
degree	140	2	Skidding longitudinally - rotation less
degree	208	3	Ejected - unknown degree
degree	229	3	Ejected - unknown degree
departed	141	4	Departed roadway
departure	138	14	End departure
departure	143	14	End departure
deployed	207	*	AIRBAG DEPLOYED
derivative	108	13	Three wheeled automobile or automobile d
derivative	160	13	Three wheeled automobile or automobile d
design	181	3	Curve, hill or other roadway design feat
design	182	3	Curve, hill or other roadway design feat
design	183	3	Curve, hill or other roadway design feat
designated	167	62	Improper use of lane (enter of 3-lane ro
designated	187	62	Improper use of lane (enter of 3-lane ro
designated	188	62	Improper use of lane (enter of 3-lane ro
designated	189	62	Improper use of lane (enter of 3-lane ro
designated	190	62	Improper use of lane (enter of 3-lane ro

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
designated	191	62	Improper use of lane (enter of 3-lane ro
designed	108	50	School bus type (designed to carry stude
designed	160	50	School bus type (designed to carry stude
detail	9	9	Noncollision - no details
detail	19	97	Traffic control present - no details
detail	36	9	Noncollision - no details
detail	47	97	Traffic control present - no details
detail	75	109	Noncollision - no details
detail	135	9	Noncollision - no details
detail	138	78	Encroachment by other vehicle - details
detail	170	9	Noncollision - no details
detail	171	97	Traffic control present - no details
detail	172	97	Traffic control present - no details
detail	173	97	Traffic control present - no details
detail	174	97	Traffic control present - no details
detail	175	97	Avoidance maneuver - no details
detail	176	97	Avoidance maneuver - no details
detail	177	97	Vehicle contributing factors - no detail
detail	178	97	Vehicle contributing factors - no detail
detail	179	97	Vehicle contributing factors - no detail
detail	180	97	Vehicle contributing factors - no detail
detail	181	97	Vision obscured - no details
detail	182	97	Vision obscured - no details
detail	183	97	Vision obscured - no details
detail	184	92	Distraction or inattention, details unkn
detail	185	92	Distraction or inattention, details unkn
detail	186	92	Distraction or inattention, details unkn
detail	233	97	Physical impairment - no details
detail	234	97	Physical impairment - no details
detail	235	97	Physical impairment - no details
detail	333	97	Physical impairment - no details
detail	334	97	Physical impairment - no details
detail	340	97	Traffic control present - no details
detail	341	97	Traffic control present - no details
device	19	*	TRAFFIC CONTROL DEVICE
device	47	61	Active devices (e.g. gates, flashing lig
device	167	36	Violate RR grade crossing device /regula
device	171	*	TRAFFIC CONTRL DEVICE #1
device	172	*	TRAFFIC CONTRL DEVICE #2
device	173	*	TRAFFIC CONTRL DEVICE #3
device	174	*	TRAFFIC CONTRL DEVICE #4
device	184	9	While using other device/controls integr
device	185	9	While using other device/controls integr
device	186	9	While using other device/controls integr
device	187	36	Violate RR grade crossing device /regula
device	188	36	Violate RR grade crossing device /regula
device	189	36	Violate RR grade crossing device /regula
device	190	36	Violate RR grade crossing device /regula
device	191	36	Violate RR grade crossing device /regula
device	335	8	Failure to obey traffic signs, traffic c
device	336	8	Failure to obey traffic signs, traffic c
device	337	8	Failure to obey traffic signs, traffic c
device	338	8	Failure to obey traffic signs, traffic c
device	339	8	Failure to obey traffic signs, traffic c
device	340	61	Active device at RR crossing (gates, fla
device	341	61	Active devices at RR crossing (gates, fl
dialing	184	6	While dialing cellular phone

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
dialing	185	6	While dialing cellular phone
dialing	186	6	While dialing cellular phone
died	25	6	Died prior
died	40	6	Died prior
died	151	6	Died prior to crash
died	165	6	Died prior to crash
died	211	6	Died prior to crash
died	230	6	Died prior to crash
died	311	6	Died prior to crash
died	330	6	Died prior to crash
directing	167	6	Fail to obey police, fireman, authorized
directing	187	6	Fail to obey police, fireman, authorized
directing	188	6	Fail to obey police, fireman, authorized
directing	189	6	Fail to obey police, fireman, authorized
directing	190	6	Fail to obey police, fireman, authorized
directing	191	6	Fail to obey police, fireman, authorized
direction	10	5	Sideswipe, same direction
direction	39	5	Sideswipe, same direction
direction	138	19	Unknown travel direction
direction	143	70	Initial same direction (turning right)
directions	143	68	Initial opposite directions (left/right)
dirt	18	5	Sand, dirt, oil
dirt	46	5	Sand, dirt, oil
dirt	149	5	Sand, dirt, oil
disabled	24	310	Walking to or from disabled vehicle
disabled	137	7	Disabled or parked in travel lane
disabled	163	7	Disabled or parked in travel lane
disabling	133	6	Disabling damage
disabling	134	2	Towed due to disabling damage
disabling	138	3	Disabling vehicle failure (e.g. wheel fe
dispatcher	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
dispatcher	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
distracted	184	*	DRIVER DISTRACTED BY #1
distracted	185	*	DRIVER DISTRACTED BY #2
distracted	186	*	DRIVER DISTRACTED BY #3
distraction	184	92	Distraction or inattention, details unkn
distraction	185	92	Distraction or inattention, details unkn
distraction	186	92	Distraction or inattention, details unkn
ditch	9	38	Culvert or ditch
ditch	36	38	Culvert or ditch
ditch	75	138	Culvert or ditch
ditch	135	38	Culvert or ditch
ditch	170	38	Culvert or ditch
divided	14	0	Not physically divided (center 2-way lef
divided	150	0	Not physically divided (center two-way l
door	108	7	Hatchback, number of doors unknown
door	160	7	Hatchback, number of doors unknown
door	167	98	Other moving violation (coasting, backin
door	177	14	Body, doors
door	178	14	Body, doors
door	179	14	Body, doors
door	180	14	Body, doors
door	187	98	Other moving violation (coasting, backin
door	188	98	Other moving violation (coasting, backin
door	189	98	Other moving violation (coasting, backin
door	190	98	Other moving violation (coasting, backin
door	191	98	Other moving violation (coasting, backin

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
door	207	2	Deployed - side (door, seat back)
drinking	153	*	DRIVER DRINKING IN VEH
drinking	167	14	Drinking while operating
drinking	184	13	Eating or drinking
drinking	185	13	Eating or drinking
drinking	186	13	Eating or drinking
drinking	187	14	Drinking while operating
drinking	188	14	Drinking while operating
drinking	189	14	Drinking while operating
drinking	190	14	Drinking while operating
drinking	191	14	Drinking while operating
drive	24	8	Drive out, driveway/alley
drive	143	1	Drive off road
drive	167	54	Pass on right (drive off pavement to pas
drive	177	5	Power train - universal joint, drive sha
drive	178	5	Power train - universal joint, drive sha
drive	179	5	Power train - universal joint, drive sha
drive	180	5	Power train - universal joint, drive sha
drive	187	54	Pass on right (drive off pavement to pas
drive	188	54	Pass on right (drive off pavement to pas
drive	189	54	Pass on right (drive off pavement to pas
drive	190	54	Pass on right (drive off pavement to pas
drive	191	54	Pass on right (drive off pavement to pas
driven	134	1	Driven away
driver	24	760	Intersection, driver violation
driver	103	*	DRIVER PRESENCE
driver	104	1	Yes, driver or car and driver left scene
driver	137	0	No driver present
driver	139	0	No driver present
driver	140	0	No driver present
driver	141	0	No driver present
driver	144	8	No driver present
driver	153	*	DRIVER DRINKING IN VEH
driver	154	*	DRIVERS ZIP CODE
driver	161	1	Yes, driver or car and driver left scene
driver	163	0	No driver present
driver	167	72	Other driver license violations
driver	175	0	Driver did not maneuver to avoid
driver	176	0	Driver did not maneuver to avoid
driver	177	13	Driver seating and control
driver	178	13	Driver seating and control
driver	179	13	Driver seating and control
driver	180	13	Driver seating and control
driver	181	*	DRV VISION OBSCURED BY#1
driver	184	*	DRIVER DISTRACTED BY #1
driver	185	*	DRIVER DISTRACTED BY #2
driver	186	*	DRIVER DISTRACTED BY #3
driver	187	*	DRIVER VIOLATIONS CHGD#1
driver	188	*	DRIVER VIOLATIONS CHGD#2
driver	189	*	DRIVER VIOLATIONS CHGD#3
driver	190	*	DRIVER VIOLATIONS CHGD#4
driver	191	*	DRIVER VIOLATIONS CHGD#5
driver	204	1	Driver of motor vehicle in transport
driverless	24	210	Driverless vehicle
driveway	12	3	Driveway, alley access, etc.
driveway	24	1	Ride out, residential driveway
driveway	44	3	Driveway, alley access, etc.

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
driveway	138	70	From driveway, alley access, etc. - turn
driving	48	1	No adverse atmospheric related driving c
driving	167	2	Willful reckless driving, driving to end
driving	187	2	Willful reckless driving, driving to end
driving	188	2	Willful reckless driving, driving to end
driving	189	2	Willful reckless driving, driving to end
driving	190	2	Willful reckless driving, driving to end
driving	191	2	Willful reckless driving, driving to end
driving	335	10	Driving on wrong side of road
driving	336	10	Driving on wrong side of road
driving	337	10	Driving on wrong side of road
driving	338	10	Driving on wrong side of road
driving	339	10	Driving on wrong side of road
drove	24	48	Drive out, intersection (motorist drove
drowsy	233	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	234	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	235	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	333	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	334	2	Drowsy, sleepy, fell asleep, fatigued
drug	167	11	Driving while intoxicated (alcohol or dr
drug	187	11	Driving while intoxicated (alcohol or dr
drug	188	11	Driving while intoxicated (alcohol or dr
drug	189	11	Driving while intoxicated (alcohol or dr
drug	190	11	Driving while intoxicated (alcohol or dr
drug	191	11	Driving while intoxicated (alcohol or dr
drug	217	*	POLICE REPORTED DRUG INV
drug	218	*	DRUG TEST STATUS
drug	219	*	DRUG TEST TYPE
drug	220	*	DRUG TEST RESULT
drug	317	*	PAR DRUG INVOLVEMENT
drug	318	*	DRUG TEST GIVEN
drug	319	*	DRUG TEST TYPE
drug	320	*	DRUG TEST RESULT
dry	18	1	Dry
dry	46	1	Dry
dry	149	1	Dry
dump	108	40	Cab chassis-based (includes rescue vehic
dump	109	4	Dump
dump	160	40	Cab chassis-based (includes rescue vehic
dune	108	90	ATV (all terrain vehicle including dune/
dune	160	90	ATV (all terrain vehicle including dune/
dusk	21	5	Dusk
dusk	38	5	Dusk
dust	22	8	Other (smog, smoke, blowing sand/dust/sn
dust	48	8	Other (smog, smoke, blowing sand/dust/sn
dust	181	1	Rain, snow, smoke, sand, dust
dust	182	1	Rain, snow, smoke, sand, dust
dust	183	1	Rain, snow, smoke, sand, dust
eating	184	13	Eating or drinking
eating	185	13	Eating or drinking
eating	186	13	Eating or drinking
eating	335	24	Inattentive (talking, eating, etc.)
eating	336	24	Inattentive (talking, eating, etc.)
eating	337	24	Inattentive (talking, eating, etc.)
eating	338	24	Inattentive (talking, eating, etc.)
eating	339	24	Inattentive (talking, eating, etc.)
edge	138	12	Off the edge of the road on the left sid

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
either	29	2	Group 2 - applies if the NASS crash does
either	78	2	Group 2 - applies if the NASS crash does
either	156	2	Group 2 - applies if the NASS crash does
either	223	2	Group 2 - applies if the NASS crash does
either	323	2	Group 2 - applies if the NASS crash does
ejected	208	0	Not ejected
ejected	229	0	Not ejected
ejection	208	*	OCCUPANT EJECTION
ejection	229	*	IMPUT OCCUPANT EJECTION
eluding	187	5	Fleeing or eluding police
eluding	188	5	Fleeing or eluding police
eluding	189	5	Fleeing or eluding police
eluding	190	5	Fleeing or eluding police
eluding	191	5	Fleeing or eluding police
embankment	9	40	Embankment
embankment	36	40	Embankment
embankment	75	140	Embankment
embankment	135	40	Embankment
embankment	170	40	Embankment
emergency	24	330	Emergency/police vehicle related
emergency	111	8	Emergency services vehicle
emergency	117	*	EMERGENCY USE
emergency	167	45	Fail to yield to emergency vehicle
emergency	187	45	Fail to yield to emergency vehicle
emergency	188	45	Fail to yield to emergency vehicle
emergency	189	45	Fail to yield to emergency vehicle
emergency	190	45	Fail to yield to emergency vehicle
emergency	191	45	Fail to yield to emergency vehicle
encroachment	138	78	Encroachment by other vehicle - details
endanger	167	2	Willful reckless driving, driving to end
endanger	187	2	Willful reckless driving, driving to end
endanger	188	2	Willful reckless driving, driving to end
endanger	189	2	Willful reckless driving, driving to end
endanger	190	2	Willful reckless driving, driving to end
endanger	191	2	Willful reckless driving, driving to end
energy	167	25	Energy speed (exceeding 55 mph, non-poin
energy	187	25	Energy speed (exceeding 55 mph, non-poin
energy	188	25	Energy speed (exceeding 55 mph, non-poin
energy	189	25	Energy speed (exceeding 55 mph, non-poin
energy	190	25	Energy speed (exceeding 55 mph, non-poin
energy	191	25	Energy speed (exceeding 55 mph, non-poin
engine	138	2	Stalled engine
entered	141	7	Entered roadway
entering	24	150	Entering/exiting
entering	137	9	Entering a parked position
entering	163	9	Entering a parked position
entrance	12	4	Entrance/exit ramp
entrance	44	4	Entrance/exit ramp
entrance	138	74	From entrance to limited access highway
entry	335	5	Making improper entry to or exit from tr
entry	336	5	Making improper entry to or exit from tr
entry	337	5	Making improper entry to or exit from tr
entry	338	5	Making improper entry to or exit from tr
entry	339	5	Making improper entry to or exit from tr
environment	19	43	Warning sign for environment/traffic (fo
environment	47	43	Warning sign for environment/traffic (fo
environment	171	43	Warning sign for environment/traffic (fo

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
environment	172	43	Warning sign for environment/traffic (fo
environment	173	43	Warning sign for environment/traffic (fo
environment	174	43	Warning sign for environment/traffic (fo
environment	340	43	Warning sign for environment/traffic (fo
environment	341	43	Warning sign for environment/traffic (fo
equipment	108	92	Farm equipment other than trucks
equipment	160	92	Farm equipment other than trucks
equipment	167	84	Motorcycle equipment violations (helmet,
equipment	187	84	Motorcycle equipment violations (helmet,
equipment	188	84	Motorcycle equipment violations (helmet,
equipment	189	84	Motorcycle equipment violations (helmet,
equipment	190	84	Motorcycle equipment violations (helmet,
equipment	191	84	Motorcycle equipment violations (helmet,
equipment	335	2	Operating without required equipment
equipment	336	2	Operating without required equipment
equipment	337	2	Operating without required equipment
equipment	338	2	Operating without required equipment
equipment	339	2	Operating without required equipment
equipment	342	*	SAFETY EQUIPMENT USED #1
equipment	343	*	SAFETY EQUIPMENT USED #2
equipment	344	*	SAFETY EQUIPMENT USED #3
equipped	207	0	Not applicable (nonmotorist or vehicle/s
erratic	335	3	Improper or erratic lane changing
erratic	336	3	Improper or erratic lane changing
erratic	337	3	Improper or erratic lane changing
erratic	338	3	Improper or erratic lane changing
erratic	339	3	Improper or erratic lane changing
evasive	24	15	Motorist overtaking, counteractive evasi
event	9	*	FIRST HARMFUL EVENT
event	36	*	IMP FIRST HARMFUL EVENT
event	72	*	EVENT SEQUENCE NUMBER
event	81	*	ACTION FOR THIS EVENT
event	135	*	MOST HARMFUL EVENT
event	136	*	MOST HARMFUL EVENT NUMBR
event	137	*	PRIOR TO CRITICAL EVENT
event	138	*	CRITICAL EVENT
event	163	17	Successful corrective action to a previo
event	170	*	IMP MOST HARMFUL EVENT
event	184	12	Distracted by outside person, object or
event	185	12	Distracted by outside person, object or
event	186	12	Distracted by outside person, object or
exceeding	167	24	Exceeding special limit
exceeding	187	24	Exceeding special limit
exceeding	188	24	Exceeding special limit
exceeding	189	24	Exceeding special limit
exceeding	190	24	Exceeding special limit
exceeding	191	24	Exceeding special limit
excessive	138	6	Traveling too fast for conditions (exces
exclude	9	8	Other noncollision (excludes objects set
exclude	36	8	Other noncollision (excludes objects set
exclude	75	108	Other noncollision (excludes objects set
exclude	108	1	Convertible (excludes sun roof, t-bar)
exclude	135	8	Other noncollision (excludes objects set
exclude	160	1	Convertible (excludes sun roof, t-bar)
exclude	170	8	Other noncollision (excludes objects set
excluding	108	6	Station wagon (excluding van and truck b
excluding	160	6	Station wagon (excluding van and truck b

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
exhaust	177	6	Exhaust system
exhaust	178	6	Exhaust system
exhaust	179	6	Exhaust system
exhaust	180	6	Exhaust system
exit	12	4	Entrance/exit ramp
exit	44	4	Entrance/exit ramp
exit	335	5	Making improper entry to or exit from tr
exit	336	5	Making improper entry to or exit from tr
exit	337	5	Making improper entry to or exit from tr
exit	338	5	Making improper entry to or exit from tr
exit	339	5	Making improper entry to or exit from tr
exiting	24	150	Entering/exiting
expedition	108	15	Large utility (Jeep Cherokee 83 and befo
expedition	160	15	Large utility (Jeep Cherokee 83 and befo
explorer	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
explorer	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
explosion	9	2	Fire/Explosion
explosion	36	2	Fire/explosion
explosion	75	102	Fire/explosion
explosion	135	2	Fire/explosion
explosion	170	2	Fire/explosion
explosive	116	1	Explosives
expressway	24	520	Expressway crossing
exterior	205	55	Riding on vehicle exterior
exterior	231	55	Riding on vehicle exterior
external	181	12	External mirrors
external	182	12	External mirrors
external	183	12	External mirrors
facility	29	5	Group 1M - applies if the NASS crash doe
facility	78	5	Group 1M - applies if the NASS crash doe
facility	156	5	Group 1M - applies if the NASS crash doe
facility	223	5	Group 1M - applies if the NASS crash doe
facility	323	5	Group 1M - applies if the NASS crash doe
facing	24	19	Cyclist left turn, facing traffic
factor	177	*	VEHICLE CONTRIB FACTOR#1
factor	178	*	VEHICLE CONTRIB FACTOR#2
factor	179	*	VEHICLE CONTRIB FACTOR#3
factor	180	*	VEHICLE CONTRIB FACTOR#4
fail	167	6	Fail to obey police, fireman, authorized
fail	187	6	Fail to obey police, fireman, authorized
fail	188	6	Fail to obey police, fireman, authorized
fail	189	6	Fail to obey police, fireman, authorized
fail	190	6	Fail to obey police, fireman, authorized
fail	191	6	Fail to obey police, fireman, authorized
failing	335	1	Failing to have lights on when required
failing	336	1	Failing to have lights on when required
failing	337	1	Failing to have lights on when required
failing	338	1	Failing to have lights on when required
failing	339	1	Failing to have lights on when required
failure	138	3	Disabling vehicle failure (e.g. wheel fe
failure	167	83	Failure to require restraint use (by sel
failure	187	83	Failure to require restraint use (by sel
failure	188	83	Failure to require restraint use (by sel
failure	189	83	Failure to require restraint use (by sel
failure	190	83	Failure to require restraint use (by sel
failure	191	83	Failure to require restraint use (by sel
failure	335	4	Failure to keep in proper lane or runnin

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
failure	336	4	Failure to keep in proper lane or runnin
failure	337	4	Failure to keep in proper lane or runnin
failure	338	4	Failure to keep in proper lane or runnin
failure	339	4	Failure to keep in proper lane or runnin
falling	9	10	Thrown or falling object (excludes objec
falling	24	36	Weird - the motorist or cyclist intentio
falling	36	10	Thrown or falling object (excludes objec
falling	75	110	Thrown or falling object (excludes objec
falling	135	10	Thrown or falling object (excludes objec
falling	170	10	Thrown or falling object (excludes objec
farm	108	92	Farm equipment other than trucks
farm	160	92	Farm equipment other than trucks
fast	138	6	Traveling too fast for conditions (exces
fatal	25	4	Fatal
fatal	40	4	Fatal
fatal	151	4	Fatal injury (K)
fatal	165	4	Fatal injury (K)
fatal	211	4	Fatal injury (K)
fatal	230	4	Fatal injury (K)
fatal	311	4	Fatal injury (K)
fatal	330	4	Fatal injury (K)
fatigued	233	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	234	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	235	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	333	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	334	2	Drowsy, sleepy, fell asleep, fatigued
fell	9	6	Noncollision injury (injured in or fell
fell	36	6	Noncollision injury (injured in or fell
fell	75	106	Noncollision injury (injured in or fell
fell	135	6	Noncollision injury (injured in or fell
fell	138	3	Disabling vehicle failure (e.g. wheel fe
fell	170	6	Noncollision injury (injured in or fell
fell	184	11	Sleepy or fell asleep
fell	185	11	Sleepy or fell asleep
fell	186	11	Sleepy or fell asleep
fell	233	2	Drowsy, sleepy, fell asleep, fatigued
fell	234	2	Drowsy, sleepy, fell asleep, fatigued
fell	235	2	Drowsy, sleepy, fell asleep, fatigued
fell	333	2	Drowsy, sleepy, fell asleep, fatigued
fell	334	2	Drowsy, sleepy, fell asleep, fatigued
female	210	2	Female
female	232	2	Female
female	310	2	Female
female	332	2	Female
fence	9	41	Fence
fence	36	41	Fence
fence	75	141	Fence
fence	135	41	Fence
fence	170	41	Fence
fire	9	2	Fire/Explosion
fire	36	2	Fire/explosion
fire	75	102	Fire/explosion
fire	111	7	Fire truck
fire	126	*	FIRE OCCURRENCE
fire	135	2	Fire/explosion
fire	170	2	Fire/explosion
fireman	167	6	Fail to obey police, fireman, authorized

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
fireman	187	6	Fail to obey police, fireman, authorized
fireman	188	6	Fail to obey police, fireman, authorized
fireman	189	6	Fail to obey police, fireman, authorized
fireman	190	6	Fail to obey police, fireman, authorized
fireman	191	6	Fail to obey police, fireman, authorized
first	9	*	FIRST HARMFUL EVENT
first	24	821	Mid-block dart-out, first half
first	36	*	IMP FIRST HARMFUL EVENT
fixed	9	28	Other object not fixed
fixed	36	28	Other object not fixed
fixed	75	128	Other object not fixed
fixed	81	2	Collision with object not fixed
fixed	122	5	Vehicle towing another motor vehicle - f
fixed	135	28	Other object not fixed
fixed	170	28	Other object not fixed
flagman	19	51	Officer, crossing guard, flagman, etc.
flagman	47	51	Officer, crossing guard, flagman, etc.
flagman	171	51	Officer, crossing guard, flagman, etc.
flagman	172	51	Officer, crossing guard, flagman, etc.
flagman	173	51	Officer, crossing guard, flagman, etc.
flagman	174	51	Officer, crossing guard, flagman, etc.
flagman	340	51	Officer, crossing guard, flagman, etc.
flagman	341	51	Officer, crossing guard, flagman, etc.
flammable	116	3	Flammable/combustible liquid
flashing	19	4	Flashing traffic control signal or flash
flashing	47	4	Flashing traffic control signal or flash
flashing	167	32	Fail to stop for flashing red
flashing	171	4	Flashing traffic control signal or flash
flashing	172	4	Flashing traffic control signal or flash
flashing	173	4	Flashing traffic control signal or flash
flashing	174	4	Flashing traffic control signal or flash
flashing	187	32	Fail to stop for flashing red
flashing	188	32	Fail to stop for flashing red
flashing	189	32	Fail to stop for flashing red
flashing	190	32	Fail to stop for flashing red
flashing	191	32	Fail to stop for flashing red
flashing	340	4	Flashing traffic control signal or flash
flashing	341	4	Flashing traffic control signal or flash
flat	138	1	Blow out or flat tire
flatbed	109	3	Flatbed
fleeing	187	5	Fleeing or eluding police
fleeing	188	5	Fleeing or eluding police
fleeing	189	5	Fleeing or eluding police
fleeing	190	5	Fleeing or eluding police
fleeing	191	5	Fleeing or eluding police
flew	138	4	Nondisabling (minor) vehicle problem (e.
flow	14	*	TRAFFICWAY FLOW
flow	150	*	TRAFFICWAY FLOW
fog	19	43	Warning sign for environment/traffic (fo
fog	22	5	Fog
fog	47	43	Warning sign for environment/traffic (fo
fog	48	5	Fog
fog	171	43	Warning sign for environment/traffic (fo
fog	172	43	Warning sign for environment/traffic (fo
fog	173	43	Warning sign for environment/traffic (fo
fog	174	43	Warning sign for environment/traffic (fo
fog	340	43	Warning sign for environment/traffic (fo

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
fog	341	43	Warning sign for environment/traffic (fo
following	167	58	Following too closely
following	187	58	Following too closely
following	188	58	Following too closely
following	189	58	Following too closely
following	190	58	Following too closely
following	191	58	Following too closely
fork	108	97	Other type vehicle (includes go-cart, fo
fork	160	97	Other type vehicle (includes go-cart, fo
fourth	205	41	Fourth seat - left side
fourth	231	41	Fourth seat - left side
friday	4	6	Friday
friday	49	6	Friday
front	74	1	Front
front	76	1	Front
front	127	1	Front
front	128	1	Front
front	129	1	Front
front	130	1	Front
front	131	1	Front
front	132	1	Front
front	162	1	Front
front	205	11	Front seat - left side (driver's side)
front	207	1	Deployed - front
front	231	11	Front seat - left side (driver's side)
frontal	143	34	This vehicle's frontal area impacts anot
full-size	108	15	Large utility (Jeep Cherokee 83 and befo
full-size	160	15	Large utility (Jeep Cherokee 83 and befo
functional	133	4	Functional damage
garbage	109	7	Garbage/refuse
gas	9	4	Gas inhalation
gas	24	29	Parking lot, open area, or another nonro
gas	36	4	Gas inhalation
gas	75	104	Gas inhalation
gas	135	4	Gas inhalation
gas	170	4	Gas inhalation
gases	116	2	Gases
gate	19	61	Active devices (gates, flashing lights,
gate	47	61	Active devices (e.g. gates, flashing lig
gate	171	61	Active devices at RR crossing (gates, fl
gate	172	61	Active devices at RR crossing (gates, fl
gate	173	61	Active devices at RR crossing (gates, fl
gate	174	61	Active devices at RR crossing (gates, fl
gate	340	61	Active device at RR crossing (gates, fla
gate	341	61	Active devices at RR crossing (gates, fl
general	74	*	GEN AREA DAMAGE-THIS VEH
general	76	*	GEN AREA OF DAM-OTH VEH
give	167	8	Fail to give aid, information, wait for
give	187	8	Fail to give aid, information, wait for
give	188	8	Fail to give aid, information, wait for
give	189	8	Fail to give aid, information, wait for
give	190	8	Fail to give aid, information, wait for
give	191	8	Fail to give aid, information, wait for
glare	181	2	Reflected glare, bright sunlight, headli
glare	182	2	Reflected glare, bright sunlight, headli
glare	183	2	Reflected glare, bright sunlight, headli
go-cart	108	97	Other type vehicle (includes go-cart, fo

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
go-cart	160	97	Other type vehicle (includes go-cart, fo
gore	13	8	Gore
gore	125	4	In gore
grade	12	5	Rail grade crossing
grade	17	2	Grade
grade	19	41	Warning sign for road conditions (hill,
grade	43	2	Grade
grade	44	5	Rail grade crossing
grade	47	41	Warning sign for road conditions (hill,
grade	147	2	Grade
grade	167	36	Violate RR grade crossing device /regula
grade	171	41	Warning sign for road conditions (hill,
grade	172	41	Warning sign for road conditions (hill,
grade	173	41	Warning sign for road conditions (hill,
grade	174	41	Warning sign for road conditions (hill,
grade	187	36	Violate RR grade crossing device /regula
grade	188	36	Violate RR grade crossing device /regula
grade	189	36	Violate RR grade crossing device /regula
grade	190	36	Violate RR grade crossing device /regula
grade	191	36	Violate RR grade crossing device /regula
grade	340	41	Warning sign for road conditions (hill,
grade	341	41	Warning sign for road conditions (hill,
grader	108	93	Construction equipment other than trucks
grader	160	93	Construction equipment other than trucks
grain	109	8	Grain/chips/gravel
grand	108	16	Utility station wagon (Chevrolet Suburba
grand	160	16	Utility station wagon (Chevrolet Suburba
grate	9	7	Pavement surface irregularity (ruts, pot
grate	36	7	Pavement surface irregularity (ruts, pot
grate	75	107	Pavement surface irregularity (ruts, pot
grate	135	7	Pavement surface irregularity (ruts, pot
grate	170	7	Pavement surface irregularity (ruts, pot
gravel	109	8	Grain/chips/gravel
ground	9	31	Ground
ground	36	31	Ground
ground	75	131	Ground
ground	135	31	Ground
ground	170	31	Ground
guard	19	51	Officer, crossing guard, flagman, etc.
guard	47	51	Officer, crossing guard, flagman, etc.
guard	171	51	Officer, crossing guard, flagman, etc.
guard	172	51	Officer, crossing guard, flagman, etc.
guard	173	51	Officer, crossing guard, flagman, etc.
guard	174	51	Officer, crossing guard, flagman, etc.
guard	340	51	Officer, crossing guard, flagman, etc.
guard	341	51	Officer, crossing guard, flagman, etc.
guardrail	9	35	Guardrail
guardrail	36	35	Guardrail
guardrail	75	135	Guardrail
guardrail	135	35	Guardrail
guardrail	170	35	Guardrail
hail	22	8	Other (smog, smoke, blowing sand/dust/sn
hail	48	8	Other (smog, smoke, blowing sand/dust/sn
half	24	821	Mid-block dart-out, first half
hardtop	108	2	2-door sedan, hardtop, coupe
hardtop	160	2	2-door sedan, hardtop, coupe
harmful	9	*	FIRST HARMFUL EVENT

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
harmful	36	*	IMP FIRST HARMFUL EVENT
harmful	135	*	MOST HARMFUL EVENT
harmful	136	*	MOST HARMFUL EVENT NUMBR
harmful	170	*	IMP MOST HARMFUL EVENT
hatchback	108	3	3-door/2-door hatchback
hatchback	160	3	3-door/2-door hatchback
hazard	113	*	HAZARD MATERIALS PLACARD
hazard	114	*	HAZARD MATERIALS RELEASE
hazard	116	6	Poison and poison inhalation hazard
hazardous	112	*	HAZARDOUS MATERIAL ID NO
hazardous	115	*	HAZ MATERIALS INVOLVEMNT
hazardous	116	*	HAZ MATERIALS CLASS NUM
hazardous	167	85	Violation of hazardous cargo restriction
hazardous	187	85	Violation of hazardous cargo restriction
hazardous	188	85	Violation of hazardous cargo restriction
hazardous	189	85	Violation of hazardous cargo restriction
hazardous	190	85	Violation of hazardous cargo restriction
hazardous	191	85	Violation of hazardous cargo restriction
headlight	177	7	Headlights
headlight	178	7	Headlights
headlight	179	7	Headlights
headlight	180	7	Headlights
headlight	181	2	Reflected glare, bright sunlight, headli
headlight	182	2	Reflected glare, bright sunlight, headli
headlight	183	2	Reflected glare, bright sunlight, headli
head-on	10	2	Head-on
head-on	24	30	Head-on, counteractive evasive actions
head-on	39	2	Head-on
hearse	108	11	Auto-based panel (cargo station wagon, a
hearse	160	11	Auto-based panel (cargo station wagon, a
heavy	108	65	Medium/heavy truck-based motorhome
heavy	160	65	Medium/heavy truck-based motorhome
helmet	167	84	Motorcycle equipment violations (helmet,
helmet	187	84	Motorcycle equipment violations (helmet,
helmet	188	84	Motorcycle equipment violations (helmet,
helmet	189	84	Motorcycle equipment violations (helmet,
helmet	190	84	Motorcycle equipment violations (helmet,
helmet	191	84	Motorcycle equipment violations (helmet,
helmet	206	5	Motorcycle helmet
helmet	342	2	Bicycle helmet
helmet	343	2	Bicycle helmet
helmet	344	2	Bicycle helmet
higher	138	53	Traveling in same direction with higher
highway	11	*	INTERSTATE HIGHWAY
highway	14	2	Divided highway (median strip, barrier,
highway	138	74	From entrance to limited access highway
highway	150	2	Divided highway (median strip, barrier)
hill	19	41	Warning sign for road conditions (hill,
hill	47	41	Warning sign for road conditions (hill,
hill	171	41	Warning sign for road conditions (hill,
hill	172	41	Warning sign for road conditions (hill,
hill	173	41	Warning sign for road conditions (hill,
hill	174	41	Warning sign for road conditions (hill,
hill	181	3	Curve, hill or other roadway design feat
hill	182	3	Curve, hill or other roadway design feat
hill	183	3	Curve, hill or other roadway design feat
hill	340	41	Warning sign for road conditions (hill,

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
hill	341	41	Warning sign for road conditions (hill,
hillcrest	17	3	Hillcrest
hillcrest	43	3	Hillcrest
hillcrest	147	3	Hillcrest
hit	175	50	Hit & run (and no information)
hit	176	50	Hit & run (and no information)
hit-and-run	104	*	HIT-AND-RUN
hit-and-run	161	*	IMPUTED HIT-AND-RUN
hit-and-run	167	7	Hit-and-Run, fail to stop after crash
hit-and-run	177	50	Hit-and-run vehicle
hit-and-run	178	50	Hit-and-run vehicle
hit-and-run	179	50	Hit-and-run vehicle
hit-and-run	180	50	Hit-and-run vehicle
hit-and-run	184	50	Hit-and-run (and no information)
hit-and-run	185	50	Hit-and-run (and no information)
hit-and-run	186	50	Hit-and-run (and no information)
hit-and-run	187	7	Hit-and-Run, fail to stop after crash
hit-and-run	188	7	Hit-and-Run, fail to stop after crash
hit-and-run	189	7	Hit-and-Run, fail to stop after crash
hit-and-run	190	7	Hit-and-Run, fail to stop after crash
hit-and-run	191	7	Hit-and-Run, fail to stop after crash
hit-and-run	233	50	Hit-and-run (and no information)
hit-and-run	234	50	Hit-and-run (and no information)
hit-and-run	235	50	Hit-and-run (and no information)
hit-and-run	333	50	Hit-and-run (and no information)
hit-and-run	334	50	Hit-and-run (and no information)
hitch	177	15	Trailer hitch
hitch	178	15	Trailer hitch
hitch	179	15	Trailer hitch
hitch	180	15	Trailer hitch
hitchhiking	24	510	Hitchhiking
homicide	167	1	Manslaughter or homicide
homicide	187	1	Manslaughter or homicide
homicide	188	1	Manslaughter or homicide
homicide	189	1	Manslaughter or homicide
homicide	190	1	Manslaughter or homicide
homicide	191	1	Manslaughter or homicide
hood	138	4	Nondisabling (minor) vehicle problem (e.
hospital	212	*	TAKEN TO HOSP/TREATMENT
hospital	312	*	TAKEN TO HOSP/TREATMENT
hot	24	230	Hot pursuit
hour	5	*	CRASH TIME - HOUR
hour	37	*	IMP CRASH TIME - HOUR
hour	167	73	Commercial driver violations (log book,
hour	187	73	Commercial driver violations (log book,
hour	188	73	Commercial driver violations (log book,
hour	189	73	Commercial driver violations (log book,
hour	190	73	Commercial driver violations (log book,
hour	191	73	Commercial driver violations (log book,
hydrant	9	43	Fire hydrant
hydrant	36	43	Fire hydrant
hydrant	75	143	Fire hydrant
hydrant	135	43	Fire hydrant
hydrant	170	43	Fire hydrant
ice	18	4	Ice
ice	24	130	Ice cream vendor
ice	46	4	Ice

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
ice	138	5	Poor road conditions (puddle, pothole, i
ice	149	4	Ice
ice	175	2	Poor road conditions (puddle, ice, potho
ice	176	2	Poor road conditions (puddle, ice, potho
identifier	112	*	HAZARDOUS MATERIAL ID NO
identifier	118	*	CARRIER'S ID NUMBER
ill	233	1	Ill, blackout
ill	234	1	Ill, blackout
ill	235	1	Ill, blackout
ill	333	1	Ill, blackout
ill	334	1	Ill, blackout
illegal	167	15	Illegal possession of alcohol or drugs
illegal	187	15	Illegal possession of alcohol or drugs
illegal	188	15	Illegal possession of alcohol or drugs
illegal	189	15	Illegal possession of alcohol or drugs
illegal	190	15	Illegal possession of alcohol or drugs
illegal	191	15	Illegal possession of alcohol or drugs
immersion	9	3	Immersion
immersion	36	3	Immersion
immersion	75	103	Immersion
immersion	135	3	Immersion
immersion	170	3	Immersion
impact	9	33	Impact attenuator or crash cushion
impact	36	33	Impact attenuator or crash cushion
impact	75	133	Impact attenuator or crash cushion
impact	76	99	Point of Impact Unknown
impact	127	*	INITIAL POINT OF IMPACT
impact	135	33	Impact attenuator or crash cushion
impact	162	*	IMP INIT POINT OF IMPACT
impact	170	33	Impact attenuator or crash cushion
impacted	143	35	This vehicle is impacted by frontal area
impacts	143	34	This vehicle's frontal area impacts anot
impaired	167	12	Driving while impaired
impaired	187	12	Driving while impaired
impaired	188	12	Driving while impaired
impaired	189	12	Driving while impaired
impaired	190	12	Driving while impaired
impaired	191	12	Driving while impaired
impaired	233	5	Impaired due to previous injury
impaired	234	5	Impaired due to previous injury
impaired	235	5	Impaired due to previous injury
impaired	333	5	Impaired due to previous injury
impaired	334	5	Impaired due to previous injury
impairment	167	19	Alcohol, drug or impairment violations g
impairment	187	19	Alcohol, drug or impairment violations g
impairment	188	19	Alcohol, drug or impairment violations g
impairment	189	19	Alcohol, drug or impairment violations g
impairment	190	19	Alcohol, drug or impairment violations g
impairment	191	19	Alcohol, drug or impairment violations g
impairment	233	*	PHYSICAL IMPAIRMENT #1
impairment	234	*	PHYSICAL IMPAIRMENT #2
impairment	235	*	PHYSICAL IMPAIRMENT #3
impairment	333	*	PHYSICAL IMPAIRMENT #1
impairment	334	*	PHYSICAL IMPAIRMENT #2
improperly	181	13	Broken or improperly cleaned windshield
improperly	182	13	Broken or improperly cleaned windshield
improperly	183	13	Broken or improperly cleaned windshield

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
imputed	34	*	IMP ALCOHOL INV IN CRASH
imputed	35	*	IMP ROADWAY ALIGNMENT
imputed	36	*	IMP FIRST HARMFUL EVENT
imputed	37	*	IMP CRASH TIME - HOUR
imputed	38	*	IMP LIGHT CONDITION
imputed	39	*	IMP MANNER OF COLLISION
imputed	40	*	IMP MAX INJ SEV IN CRASH
imputed	41	*	IMP CRASH TIME - MINUTE
imputed	42	*	IMP NUM INJ PER IN CRASH
imputed	43	*	IMPUTED ROADWAY PROFILE
imputed	44	*	IMP RELATION TO JUNCTION
imputed	45	*	IMPUTED SPEED LIMIT
imputed	46	*	IMP ROADWAY SURFACE COND
imputed	47	*	IMP TRAFFIC CONTROL DEV
imputed	48	*	IMP ATMOSPHERIC COND
imputed	49	*	IMP CRASH DAY OF WEEK
imputed	160	*	IMPUTED BODY TYPE
imputed	161	*	IMPUTED HIT-AND-RUN
imputed	162	*	IMP INIT POINT OF IMPACT
imputed	163	*	IMPUTED VEHICLE MANEUVER
imputed	164	*	IMPUTED MODEL YEAR
imputed	165	*	IMP MAX INJ SEV IN VEH
imputed	166	*	IMP NUM INJURED IN VEH
imputed	167	*	IMP VIOLATIONS CHARGED
imputed	168	*	IMPUTED VEHICLE ROLE
imputed	169	*	IMP ALCOHOL INVD IN VEH
imputed	170	*	IMP MOST HARMFUL EVENT
imputed	227	*	IMPUTED OCCUPANT AGE
imputed	228	*	IMP PAR ALC INVOLVEMENT
imputed	229	*	IMPUT OCCUPANT EJECTION
imputed	230	*	IMP OCC INJURY SEVERITY
imputed	231	*	IMP OCC SEATING POSITION
imputed	232	*	IMPUTED OCCUPANT SEX
imputed	327	*	IMPUTED NONMOTORIST AGE
imputed	328	*	IMP PAR ALC INVOLVEMENT
imputed	332	*	IMPUTED NONMOTORIST SEX
inadequate	24	920	Inadequate information
inadequate	181	9	Inadequate defrost or defog system
inadequate	182	9	Inadequate defrost or defog system
inadequate	183	9	Inadequate defrost or defog system
inattention	184	92	Distraction or inattention, details unkn
inattention	185	92	Distraction or inattention, details unkn
inattention	186	92	Distraction or inattention, details unkn
inattentive	167	4	Inattentive, careless, improper driving
inattentive	184	97	Inattentive or lost in thought
inattentive	185	97	Inattentive or lost in thought
inattentive	186	97	Inattentive or lost in thought
inattentive	187	4	Inattentive, careless, improper driving
inattentive	188	4	Inattentive, careless, improper driving
inattentive	189	4	Inattentive, careless, improper driving
inattentive	190	4	Inattentive, careless, improper driving
inattentive	191	4	Inattentive, careless, improper driving
inattentive	335	24	Inattentive (talking, eating, etc.)
inattentive	336	24	Inattentive (talking, eating, etc.)
inattentive	337	24	Inattentive (talking, eating, etc.)
inattentive	338	24	Inattentive (talking, eating, etc.)
inattentive	339	24	Inattentive (talking, eating, etc.)

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
incapacitating	25	3	Incapacitating
incapacitating	40	3	Incapacitating
incapacitating	151	3	Incapacitating injury (A)
incapacitating	165	3	Incapacitating injury (A)
incapacitating	211	3	Incapacitating injury (A)
incapacitating	230	3	Incapacitating injury (A)
incapacitating	311	3	Incapacitating injury (A)
incapacitating	330	3	Incapacitating injury (A)
influence	167	13	Driving under influence of substance not
influence	187	13	Driving under influence of substance not
influence	188	13	Driving under influence of substance not
influence	189	13	Driving under influence of substance not
influence	190	13	Driving under influence of substance not
influence	191	13	Driving under influence of substance not
information	24	920	Inadequate information
information	167	8	Fail to give aid, information, wait for
information	187	8	Fail to give aid, information, wait for
information	188	8	Fail to give aid, information, wait for
information	189	8	Fail to give aid, information, wait for
information	190	8	Fail to give aid, information, wait for
information	191	8	Fail to give aid, information, wait for
inhalation	9	4	Gas inhalation
inhalation	36	4	Gas inhalation
inhalation	75	104	Gas inhalation
inhalation	116	6	Poison and poison inhalation hazard
inhalation	135	4	Gas inhalation
inhalation	170	4	Gas inhalation
initial	127	*	INITIAL POINT OF IMPACT
initial	143	68	Initial opposite directions (left/right)
initiation	162	*	IMP INIT POINT OF IMPACT
injured	9	6	Noncollision injury (injured in or fell
injured	25	5	Injured, unknown injury severity
injured	26	0	No person injured/property damage only c
injured	36	6	Noncollision injury (injured in or fell
injured	40	5	Injured, unknown severity
injured	42	0	No person injured/property damage only c
injured	75	106	Noncollision injury (injured in or fell
injured	135	6	Noncollision injury (injured in or fell
injured	151	5	Injured severity unknown
injured	152	*	NUMBER INJURED IN VEH
injured	165	5	Injured severity unknown
injured	166	*	IMP NUM INJURED IN VEH
injured	170	6	Noncollision injury (injured in or fell
injured	211	5	Injured, severity unknown (U)
injured	230	5	Injured, severity unknown (U)
injured	311	5	Injured, severity unknown (U)
injured	330	5	Injured, severity unknown (U)
injury	9	6	Noncollision injury (injured in or fell
injury	25	0	No injury
injury	26	*	NUM INJ PERSONS IN CRASH
injury	36	6	Noncollision injury (injured in or fell
injury	40	*	IMP MAX INJ SEV IN CRASH
injury	42	*	IMP NUM INJ PER IN CRASH
injury	75	106	Noncollision injury (injured in or fell
injury	135	6	Noncollision injury (injured in or fell
injury	151	*	MAX INJ SEVERITY IN VEH
injury	165	*	IMP MAX INJ SEV IN VEH

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
injury	170	6	Noncollision injury (injured in or fell
injury	211	*	OCCUPANT INJURY SEVERITY
injury	230	*	IMP OCC INJURY SEVERITY
injury	233	5	Impaired due to previous injury
injury	234	5	Impaired due to previous injury
injury	235	5	Impaired due to previous injury
injury	311	*	NONMOTORIST INJ SEVERITY
injury	330	*	INJURY SEVERITY
injury	333	5	Impaired due to previous injury
injury	334	5	Impaired due to previous injury
insurance	167	75	Fail to carry insurance card
insurance	187	75	Fail to carry insurance card
insurance	188	75	Fail to carry insurance card
insurance	189	75	Fail to carry insurance card
insurance	190	75	Fail to carry insurance card
insurance	191	75	Fail to carry insurance card
integral	184	9	While using other device/controls integr
integral	185	9	While using other device/controls integr
integral	186	9	While using other device/controls integr
interchange	12	18	Other location in interchange
interchange	44	18	Other location in interchange
intercity	108	58	Other bus type (transit, intercity, bus-
intercity	160	58	Other bus type (transit, intercity, bus-
interior	181	11	Obstruction interior to vehicle
interior	182	11	Obstruction interior to vehicle
interior	183	11	Obstruction interior to vehicle
intermodal	109	11	Intermodal container chassis
intersection	12	1	Intersection
intersection	24	25	Uncontrolled intersection, other
intersection	44	1	Intersection
intersection	138	15	Turning left at intersection
intersection	167	48	Enter intersection when space is insuffi
intersection	187	48	Enter intersection when space is insuffi
intersection	188	48	Enter intersection when space is insuffi
intersection	189	48	Enter intersection when space is insuffi
intersection	190	48	Enter intersection when space is insuffi
intersection	191	48	Enter intersection when space is insuffi
intersection	321	1	Intersection - in crosswalk
intersection	335	22	Improper crossing of roadway or intersec
intersection	336	22	Improper crossing of roadway or intersec
intersection	337	22	Improper crossing of roadway or intersec
intersection	338	22	Improper crossing of roadway or intersec
intersection	339	22	Improper crossing of roadway or intersec
interstate	11	*	INTERSTATE HIGHWAY
intoxicate	167	13	Driving under influence of substance not
intoxicate	187	13	Driving under influence of substance not
intoxicate	188	13	Driving under influence of substance not
intoxicate	189	13	Driving under influence of substance not
intoxicate	190	13	Driving under influence of substance not
intoxicate	191	13	Driving under influence of substance not
intoxicated	167	11	Driving while intoxicated (alcohol or dr
intoxicated	187	11	Driving while intoxicated (alcohol or dr
intoxicated	188	11	Driving while intoxicated (alcohol or dr
intoxicated	189	11	Driving while intoxicated (alcohol or dr
intoxicated	190	11	Driving while intoxicated (alcohol or dr
intoxicated	191	11	Driving while intoxicated (alcohol or dr
involvement	228	*	IMP PAR ALC INVOLVEMENT

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
involvement	313	*	PAR ALCOHOL INVOLVEMENT
involvement	317	*	PAR DRUG INVOLVEMENT
involvement	328	*	IMP PAR ALC INVOLVEMENT
irregularity	9	7	Pavement surface irregularity (ruts, pot
irregularity	36	7	Pavement surface irregularity (ruts, pot
irregularity	75	107	Pavement surface irregularity (ruts, pot
irregularity	135	7	Pavement surface irregularity (ruts, pot
irregularity	170	7	Pavement surface irregularity (ruts, pot
jackknife	9	5	Jackknife
jackknife	36	5	Jackknife
jackknife	75	105	Jackknife
jackknife	123	*	JACKKNIFE
jackknife	135	5	Jackknife
jackknife	170	5	Jackknife
january	2	1	January
jaywalking	335	22	Improper crossing of roadway or intersec
jaywalking	336	22	Improper crossing of roadway or intersec
jaywalking	337	22	Improper crossing of roadway or intersec
jaywalking	338	22	Improper crossing of roadway or intersec
jaywalking	339	22	Improper crossing of roadway or intersec
jogging	335	25	Jogging
jogging	336	25	Jogging
jogging	337	25	Jogging
jogging	338	25	Jogging
jogging	339	25	Jogging
joint	177	3	Steering system - tie rod, kingpin, ball
joint	178	3	Steering system - tie rod, kingpin, ball
joint	179	3	Steering system - tie rod, kingpin, ball
joint	180	3	Steering system - tie rod, kingpin, ball
july	2	7	July
junction	12	*	RELATION TO JUNCTION
junction	44	*	IMP RELATION TO JUNCTION
june	2	6	June
jurisdiction	28	*	POLICE JURISDICTION
jurisdiction	77	*	POLICE JURISDICTION
jurisdiction	155	*	POLICE JURISDICTION
jurisdiction	222	*	POLICE JURISDICTION
jurisdiction	322	*	POLICE JURISDICTION
keep	335	4	Failure to keep in proper lane or runnin
keep	336	4	Failure to keep in proper lane or runnin
keep	337	4	Failure to keep in proper lane or runnin
keep	338	4	Failure to keep in proper lane or runnin
keep	339	4	Failure to keep in proper lane or runnin
killed	29	1	Group 1L - applies if an occupant of a t
killed	78	1	Group 1L - applies if an occupant of a t
killed	156	1	Group 1L - applies if an occupant of a t
killed	223	1	Group 1L - applies if an occupant of a t
killed	323	1	Group 1L - applies if an occupant of a t
kingpin	177	3	Steering system - tie rod, kingpin, ball
kingpin	178	3	Steering system - tie rod, kingpin, ball
kingpin	179	3	Steering system - tie rod, kingpin, ball
kingpin	180	3	Steering system - tie rod, kingpin, ball
knee	207	7	Deployed - other (knee, airbelt, etc.)
lamp	167	81	Lamp violations
lamp	187	81	Lamp violations
lamp	188	81	Lamp violations
lamp	189	81	Lamp violations

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
lamp	190	81	Lamp violations
lamp	191	81	Lamp violations
lane	13	7	In parking lane
lane	14	0	Not physically divided (center 2-way left
lane	15	*	NUMBER OF TRAVEL LANES
lane	24	61	Motorist changes lanes into cyclist
lane	137	2	Decelerating in traffic lane
lane	138	10	Over the lane line on left side of travel
lane	141	1	Stayed in original travel lane
lane	143	46	Changing lanes to the right
lane	146	*	NUMBER OF TRAVEL LANES
lane	150	0	Not physically divided (center two-way left
lane	163	2	Decelerating in traffic lane
lane	167	42	Improper method & position of turn (too
lane	187	42	Improper method & position of turn (too
lane	188	42	Improper method & position of turn (too
lane	189	42	Improper method & position of turn (too
lane	190	42	Improper method & position of turn (too
lane	191	42	Improper method & position of turn (too
lane	335	3	Improper or erratic lane changing
lane	336	3	Improper or erratic lane changing
lane	337	3	Improper or erratic lane changing
lane	338	3	Improper or erratic lane changing
lane	339	3	Improper or erratic lane changing
lap	206	1	Lap/shoulder belt
large	108	12	Large limousine (more than four side door
large	160	12	Large limousine (more than four side door
lateral	143	50	Lateral move (left/right)
laterally	140	3	Skidding laterally - clockwise rotation
leaving	137	8	Leaving a parked position
leaving	163	8	Leaving a parked position
left	13	9	Continuous left turn lane
left	24	18	Cyclist left turn, in front of traffic
left	74	3	Left side
left	76	3	Left side
left	104	1	Yes, driver or car and driver left scene
left	127	3	Left side
left	128	3	Left side
left	129	3	Left side
left	130	3	Left side
left	131	3	Left side
left	132	3	Left side
left	134	4	Abandoned/left at scene
left	137	11	Turning left
left	138	10	Over the lane line on left side of travel
left	139	6	Steering left
left	141	2	Stayed on roadway, but left original travel
left	143	22	Stopped, left
left	161	1	Yes, driver or car and driver left scene
left	162	3	Left side
left	163	11	Turning left
left	167	52	Driving on left, wrong side of road gene
left	187	52	Driving on left, wrong side of road gene
left	188	52	Driving on left, wrong side of road gene
left	189	52	Driving on left, wrong side of road gene
left	190	52	Driving on left, wrong side of road gene
left	191	52	Driving on left, wrong side of road gene

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	205	11	Front seat - left side (driver's side)
left	231	11	Front seat - left side (driver's side)
left-turn	14	0	Not physically divided (center 2-way lef
left-turn	150	0	Not physically divided (center two-way 1
level	17	1	Level
level	43	1	Level
level	147	1	Level
license	167	71	Driving while license withdrawn (includi
license	187	71	Driving while license withdrawn (includi
license	188	71	Driving while license withdrawn (includi
license	189	71	Driving while license withdrawn (includi
license	190	71	Driving while license withdrawn (includi
license	191	71	Driving while license withdrawn (includi
lift	108	97	Other type vehicle (includes go-cart, fo
lift	160	97	Other type vehicle (includes go-cart, fo
light	19	61	Active devices (gates, flashing lights,
light	21	*	LIGHT CONDITION
light	38	*	IMP LIGHT CONDITION
light	47	61	Active devices (e.g. gates, flashing lig
light	108	39	Unknown (pickup style) light conventiona
light	160	39	Unknown (pickup style) light conventiona
light	171	61	Active devices at RR crossing (gates, fl
light	172	61	Active devices at RR crossing (gates, fl
light	173	61	Active devices at RR crossing (gates, fl
light	174	61	Active devices at RR crossing (gates, fl
light	177	8	Signal lights
light	178	8	Signal lights
light	179	8	Signal lights
light	180	8	Signal lights
light	335	1	Failing to have lights on when required
light	336	1	Failing to have lights on when required
light	337	1	Failing to have lights on when required
light	338	1	Failing to have lights on when required
light	339	1	Failing to have lights on when required
light	340	61	Active device at RR crossing (gates, fla
light	341	61	Active devices at RR crossing (gates, fl
lighted	21	2	Dark - not lighted
lighted	38	2	Dark - not lighted
lighting	21	6	Dark - unknown lighting (dawn or dusk)
lighting	181	10	Inadequate vehicle lighting system
lighting	182	10	Inadequate vehicle lighting system
lighting	183	10	Inadequate vehicle lighting system
limit	20	*	SPEED LIMIT
limit	45	*	IMPUTED SPEED LIMIT
limit	148	*	SPEED LIMIT
limit	167	11	Driving while intoxicated (alcohol or dr
limit	187	11	Driving while intoxicated (alcohol or dr
limit	188	11	Driving while intoxicated (alcohol or dr
limit	189	11	Driving while intoxicated (alcohol or dr
limit	190	11	Driving while intoxicated (alcohol or dr
limit	191	11	Driving while intoxicated (alcohol or dr
limited	138	74	From entrance to limited access highway
limited	167	93	Driving where prohibited (sidewalk, limi
limited	187	93	Driving where prohibited (sidewalk, limi
limited	188	93	Driving where prohibited (sidewalk, limi
limited	189	93	Driving where prohibited (sidewalk, limi
limited	190	93	Driving where prohibited (sidewalk, limi

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
limited	191	93	Driving where prohibited (sidewalk, limi
limousine	108	12	Large limousine (more than four side doo
limousine	160	12	Large limousine (more than four side doo
line	138	10	Over the lane line on left side of trave
linkage	122	5	Vehicle towing another motor vehicle - f
liquid	116	3	Flammable/combustible liquid
listening	184	5	While talking or listening to cellular p
listening	185	5	While talking or listening to cellular p
listening	186	5	While talking or listening to cellular p
load	167	86	Size, weight, load violations
load	181	6	Moving in-transport motor vehicle (inclu
load	182	6	Moving in-transport motor vehicle (inclu
load	183	6	Moving in-transport motor vehicle (inclu
load	187	86	Size, weight, load violations
load	188	86	Size, weight, load violations
load	189	86	Size, weight, load violations
load	190	86	Size, weight, load violations
load	191	86	Size, weight, load violations
log	109	10	Log
log	167	73	Commercial driver violations (log book,
log	187	73	Commercial driver violations (log book,
log	188	73	Commercial driver violations (log book,
log	189	73	Commercial driver violations (log book,
log	190	73	Commercial driver violations (log book,
log	191	73	Commercial driver violations (log book,
longitudinal	9	36	Concrete traffic barrier or other longit
longitudinal	36	36	Concrete traffic barrier or other longit
longitudinal	75	136	Concrete traffic barrier or other longit
longitudinal	135	36	Concrete traffic barrier or other longit
longitudinal	170	36	Concrete traffic barrier or other longit
longitudinally	140	2	Skidding longitudinally - rotation less
looked	184	1	Looked but did not see
looked	185	1	Looked but did not see
looked	186	1	Looked but did not see
lost	24	14	Motorist lost control
lost	184	97	Inattentive or lost in thought
lost	185	97	Inattentive or lost in thought
lost	186	97	Inattentive or lost in thought
lot	20	0	No statutory limit (parking lot, alley,
lot	24	29	Parking lot, open area, or another nonro
lot	45	0	No statutory limit (parking lot, alley,
lot	148	0	No statutory limit (parking lot, alley,
lying	335	29	Playing, working, sitting, lying, standi
lying	336	29	Playing, working, sitting, lying, standi
lying	337	29	Playing, working, sitting, lying, standi
lying	338	29	Playing, working, sitting, lying, standi
lying	339	29	Playing, working, sitting, lying, standi
macpherson-strut	178	4	Suspension - springs, shock absorbers, M
macpherson-strut	179	4	Suspension-springs, shock absorbers, Mac
macpherson-strut	180	4	Suspension-springs, shock absorbers, Mac
mailbox	24	140	Mailbox related
maintenance	33	2	Maintenance
make	105	*	MAKE
make	106	*	MAKE/MODEL
making	137	12	Making a U-turn
making	163	12	Making a U-turn
making	335	5	Making improper entry to or exit from tr

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
making	336	5	Making improper entry to or exit from tr
making	337	5	Making improper entry to or exit from tr
making	338	5	Making improper entry to or exit from tr
making	339	5	Making improper entry to or exit from tr
male	210	1	Male
male	232	1	Male
male	310	1	Male
male	332	1	Male
maneuver	137	17	Successful corrective action/avoidance m
maneuver	139	1	No avoidance maneuver
maneuver	163	*	IMPUTED VEHICLE MANEUVER
maneuver	175	*	DRVR MANEUVER TO AVOID#1
maneuver	176	*	DRVR MANEUVER TO AVOID#2
maneuvered	175	99	Unknown if driver maneuvered to avoid
maneuvered	176	99	Unknown if driver maneuvered to avoid
manner	10	*	MANNER OF COLLISION
manner	39	*	IMP MANNER OF COLLISION
manner	335	6	Operating the vehicle in other erratic,
manner	336	6	Operating the vehicle in erratic, reckle
manner	337	6	Operating the vehicle in erratic, reckle
manner	338	6	Operating the vehicle in erratic, reckle
manner	339	6	Operating the vehicle in erratic, reckle
manslaughter	167	1	Manslaughter or homicide
manslaughter	187	1	Manslaughter or homicide
manslaughter	188	1	Manslaughter or homicide
manslaughter	189	1	Manslaughter or homicide
manslaughter	190	1	Manslaughter or homicide
manslaughter	191	1	Manslaughter or homicide
march	2	3	March
material	112	*	HAZARDOUS MATERIAL ID NO
material	113	*	HAZARD MATERIALS PLACARD
material	114	*	HAZARD MATERIALS RELEASE
material	115	*	HAZ MATERIALS INVOLVEMNT
material	116	*	HAZ MATERIALS CLASS NUM
maximum	25	*	MAX INJRY SEVERITY CRASH
maximum	40	*	IMP MAX INJ SEV IN CRASH
maximum	151	*	MAX INJ SEVERITY IN VEH
maximum	165	*	IMP MAX INJ SEV IN VEH
may	2	5	May
median	13	3	On median
median	14	2	Divided highway (median strip, barrier,
median	125	3	On median/separator
median	150	2	Divided highway (median strip, barrier)
medical	29	5	Group 1M - applies if the NASS crash doe
medical	78	5	Group 1M - applies if the NASS crash doe
medical	156	5	Group 1M - applies if the NASS crash doe
medical	223	5	Group 1M - applies if the NASS crash doe
medical	323	5	Group 1M - applies if the NASS crash doe
medium	29	2	Group 2 - applies if the NASS crash does
medium	78	2	Group 2 - applies if the NASS crash does
medium	108	65	Medium/heavy truck-based motorhome
medium	156	2	Group 2 - applies if the NASS crash does
medium	160	65	Medium/heavy truck-based motorhome
medium	223	2	Group 2 - applies if the NASS crash does
medium	323	2	Group 2 - applies if the NASS crash does
merge	24	720	Vehicle turn/merge - at intersection
merging	137	16	Merging

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
merging	163	16	Merging
method	167	42	Improper method & position of turn (too
method	187	42	Improper method & position of turn (too
method	188	42	Improper method & position of turn (too
method	189	42	Improper method & position of turn (too
method	190	42	Improper method & position of turn (too
method	191	42	Improper method & position of turn (too
mid-block	24	821	Mid-block dart-out, first half
middle	205	12	Front seat - middle
middle	231	12	Front seat - middle
military	111	4	Military
minibike	108	88	Other motored cycle type (minibike, moto
minibike	160	88	Other motored cycle type (minibike, moto
minivan	108	20	Minivan (Chrysler Town & Country, Astro,
minivan	160	20	Minivan (Chrysler Town & Country, Astro,
minor	133	2	Minor damage
minor	138	4	Nondisabling (minor) vehicle problem (e.
minute	6	*	CRASH TIME - MINUTE
minute	41	*	IMP CRASH TIME - MINUTE
mirror	177	12	Mirrors
mirror	178	12	Mirrors
mirror	179	12	Mirrors
mirror	180	12	Mirrors
mirror	181	12	External mirrors
mirror	182	12	External mirrors
mirror	183	12	External mirrors
miscellaneous	116	9	Miscellaneous
misjudges	24	16	Motorist overtaking, misjudges passing s
mixer	109	5	Concrete mixer
model	106	*	MAKE/MODEL
model	107	*	MODEL YEAR
model	164	*	IMPUTED MODEL YEAR
monday	4	2	Monday
monday	49	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	108	81	Moped (motorized bicycle)
moped	160	81	Moped (motorized bicycle)
motion	9	8	Other noncollision (excludes objects set
motion	36	8	Other noncollision (excludes objects set
motion	74	15	Object set in motion
motion	75	108	Other noncollision (excludes objects set
motion	127	15	Object set in motion by this vehicle
motion	135	8	Other noncollision (excludes objects set
motion	162	15	Object Set in Motion
motion	170	8	Other noncollision (excludes objects set
motor	9	8	Other noncollision (excludes objects set
motor	10	0	Not collision with motor vehicle in tran
motor	36	8	Other noncollision (excludes objects set
motor	39	0	Not collision with motor vehicle in tran
motor	75	108	Other noncollision (excludes objects set
motor	76	98	Not a motor vehicle in transport
motor	81	4	Strike another in-transport motor vehicl
motor	122	5	Vehicle towing another motor vehicle - f
motor	135	8	Other noncollision (excludes objects set
motor	138	59	Unknown travel direction of the other mo
motor	167	92	Theft, unauthorized use of motor vehicle
motor	170	8	Other noncollision (excludes objects set

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
motor	181	6	Moving in-transport motor vehicle (inclu
motor	182	6	Moving in-transport motor vehicle (inclu
motor	183	6	Moving in-transport motor vehicle (inclu
motor	187	92	Theft, unauthorized use of motor vehicle
motor	188	92	Theft, unauthorized use of motor vehicle
motor	189	92	Theft, unauthorized use of motor vehicle
motor	190	92	Theft, unauthorized use of motor vehicle
motor	191	92	Theft, unauthorized use of motor vehicle
motor	204	1	Driver of motor vehicle in transport
motor	304	3	Occupant of a motor vehicle not in trans
motorcycle	108	80	Motorcycle
motorcycle	160	80	Motorcycle
motorcycle	167	66	Motorcycle lane violations (more than tw
motorcycle	187	66	Motorcycle lane violations (more than tw
motorcycle	188	66	Motorcycle lane violations (more than tw
motorcycle	189	66	Motorcycle lane violations (more than tw
motorcycle	190	66	Motorcycle lane violations (more than tw
motorcycle	191	66	Motorcycle lane violations (more than tw
motorcycle	206	5	Motorcycle helmet
motored	108	88	Other motored cycle type (minibike, moto
motored	160	88	Other motored cycle type (minibike, moto
motorhome	108	23	Van-based motorhome
motorhome	160	23	Van-based motorhome
motorist	24	11	Motorist backing
motorized	9	27	Other type nonmotorist (includes motoriz
motorized	36	27	Other type nonmotorist (includes motoriz
motorized	108	81	Moped (motorized bicycle)
motorized	135	27	Other type nonmotorist (includes motoriz
motorized	160	81	Moped (motorized bicycle)
motorized	170	27	Other type nonmotorist (includes motoriz
motorscooter	108	88	Other motored cycle type (minibike, moto
motorscooter	160	88	Other motored cycle type (minibike, moto
move	143	50	Lateral move (left/right)
moving-vehicle	9	26	Parked motor vehicle (or other mv not in
moving-vehicle	75	126	Parked motor vehicle (or other MV not in
moving-vehicle	170	26	Parked motor vehicle (or other mv not in
moving-vehicle	321	0	Not applicable - driver or occupant of M
mph	20	5	5 mph
mph	45	5	5 mph
mph	148	5	5 mph
mph	167	25	Energy speed (exceeding 55 mph, non-poin
mph	187	25	Energy speed (exceeding 55 mph, non-poin
mph	188	25	Energy speed (exceeding 55 mph, non-poin
mph	189	25	Energy speed (exceeding 55 mph, non-poin
mph	190	25	Energy speed (exceeding 55 mph, non-poin
mph	191	25	Energy speed (exceeding 55 mph, non-poin
navigator	108	15	Large utility (Jeep Cherokee 83 and befo
navigator	160	15	Large utility (Jeep Cherokee 83 and befo
near	24	610	Pedestrian waiting to cross at/near curb
negative	220	1	Negative
negative	320	1	Negative
negligent	167	2	Willful reckless driving, driving to end
negligent	187	2	Willful reckless driving, driving to end
negligent	188	2	Willful reckless driving, driving to end
negligent	189	2	Willful reckless driving, driving to end
negligent	190	2	Willful reckless driving, driving to end
negligent	191	2	Willful reckless driving, driving to end

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
negligent	335	6	Operating the vehicle in other erratic,
negligent	336	6	Operating the vehicle in erratic, reckle
negligent	337	6	Operating the vehicle in erratic, reckle
negligent	338	6	Operating the vehicle in erratic, reckle
negligent	339	6	Operating the vehicle in erratic, reckle
negotiating	137	14	Negotiating a curve
negotiating	163	14	Negotiating a curve
noncollision	9	6	Noncollision injury (injured in or fell
noncollision	36	6	Noncollision injury (injured in or fell
noncollision	74	0	Noncollision
noncollision	75	106	Noncollision injury (injured in or fell
noncollision	81	1	Noncollision
noncollision	127	0	No damage or noncollision
noncollision	135	6	Noncollision injury (injured in or fell
noncollision	142	0	Noncollision
noncollision	162	0	No damage/noncollision
noncollision	168	0	Noncollision
noncollision	170	6	Noncollision injury (injured in or fell
nondisabling	138	4	Nondisabling (minor) vehicle problem (e.
nonfixed	122	6	Vehicle towing another motor vehicle - n
nonincapacitating	25	2	Nonincapacitating
nonincapacitating	40	2	Nonincapacitating
nonincapacitating	151	2	Nonincapacitating injury (B)
nonincapacitating	165	2	Nonincapacitating injury (B)
nonincapacitating	211	2	Nonincapacitating injury (B)
nonincapacitating	230	2	Nonincapacitating injury (B)
nonincapacitating	311	2	Nonincapacitating injury (B)
nonincapacitating	330	2	Nonincapacitating injury (B)
noninterchange	12	8	Other, noninterchange
noninterchange	44	8	Other, noninterchange
nonintersection	321	11	Nonintersection - in crosswalk
nonjunction	12	0	Nonjunction
nonjunction	44	0	Nonjunction
nonmotor	204	4	Occupant of a nonmotor vehicle transport
nonmotor	304	4	Occupant of a nonmotor vehicle transport
nonmotorist	8	1	1 nonmotorist
nonmotorist	9	27	Other type nonmotorist (includes motoriz
nonmotorist	24	9999	First qualifying nonmotorist involved is
nonmotorist	36	27	Other type nonmotorist (includes motoriz
nonmotorist	75	127	Other type nonmotorist
nonmotorist	135	27	Other type nonmotorist (includes motoriz
nonmotorist	138	83	Pedalcyclist/other nonmotorist in roadwa
nonmotorist	170	27	Other type nonmotorist (includes motoriz
nonmotorist	175	5	Pedestrian, pedalcyclist or other nonmot
nonmotorist	176	5	Pedestrian, pedalcyclist or other nonmot
nonmotorist	204	19	Unknown type of nonmotorist
nonmotorist	207	0	Not applicable (nonmotorist or vehicle/s
nonmotorist	231	0	Nonmotorist
nonmotorist	302	*	NMTR STRIKING VEH NUMBER
nonmotorist	303	*	NONMOTORIST NUMBER
nonmotorist	304	*	NONMOTORIST TYPE
nonmotorist	309	*	NONMOTORIST AGE
nonmotorist	310	*	NONMOTORIST SEX
nonmotorist	311	*	NONMOTORIST INJ SEVERITY
nonmotorist	321	*	NONMOTORIST LOCATION
nonmotorist	327	*	IMPUTED NONMOTORIST AGE
nonmotorist	332	*	IMPUTED NONMOTORIST SEX

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonmotorist	335	*	NONMOTORIST ACTION #1
nonmotorist	336	*	NONMOTORIST ACTION #2
nonmotorist	337	*	NONMOTORIST ACTION #3
nonmotorist	338	*	NONMOTORIST ACTION #4
nonmotorist	339	*	NONMOTORIST ACTION #5
nonmotorists	8	2	2 nonmotorists
nonmotorists	303	2	2 nonmotorists
nonmotorsts	8	*	NUM NONMOTORSTS IN CRASH
nonmoving	167	79	Nonmoving violations, generally
nonmoving	187	79	Nonmoving violations, generally
nonmoving	188	79	Nonmoving violations, generally
nonmoving	189	79	Nonmoving violations, generally
nonmoving	190	79	Nonmoving violations, generally
nonmoving	191	79	Nonmoving violations, generally
nonoccupant	304	8	Other or unknown non-occupant
non-pointable	167	25	Energy speed (exceeding 55 mph, non-poin
non-pointable	187	25	Energy speed (exceeding 55 mph, non-poin
non-pointable	188	25	Energy speed (exceeding 55 mph, non-poin
non-pointable	189	25	Energy speed (exceeding 55 mph, non-poin
non-pointable	190	25	Energy speed (exceeding 55 mph, non-poin
non-pointable	191	25	Energy speed (exceeding 55 mph, non-poin
nonroadway	24	29	Parking lot, open area, or another nonro
northeast	31	+	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	80	+	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	158	+	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	225	+	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	325	+	Northeast (PA, NJ, NY, NH, VT, RI, MA,
noted	123	0	No jackknife noted on PAR
noted	181	0	No obstruction noted
november	2	11	November
obey	167	6	Fail to obey police, fireman, authorized
obey	187	6	Fail to obey police, fireman, authorized
obey	188	6	Fail to obey police, fireman, authorized
obey	189	6	Fail to obey police, fireman, authorized
obey	190	6	Fail to obey police, fireman, authorized
obey	191	6	Fail to obey police, fireman, authorized
obey	335	8	Failure to obey traffic signs, traffic c
obey	336	8	Failure to obey traffic signs, traffic c
obey	337	8	Failure to obey traffic signs, traffic c
obey	338	8	Failure to obey traffic signs, traffic c
obey	339	8	Failure to obey traffic signs, traffic c
obscured	181	*	DRV VISION OBSCURED BY#1
obscured	182	*	VISION OBSCURED BY #2
obscured	183	*	VISION OBSCURED BY #3
obstructed	24	17	Motorist overtaking cyclist, path obstru
obstructed	181	99	Unknown whether vision was obstructed
obstructed	182	99	Unknown whether vision was obstructed
obstructed	183	99	Unknown whether vision was obstructed
obstructing	181	14	Obstructing angles on vehicle
obstructing	182	14	Obstructing angles on vehicle
obstructing	183	14	Obstructing angles on vehicle
obstruction	181	0	No obstruction noted
obstruction	182	11	Obstruction interior to vehicle
obstruction	183	11	Obstruction interior to vehicle
occupant	9	47	Vehicle occupant
occupant	36	47	Vehicle occupant
occupant	75	147	Vehicle occupant

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
occupant	119	*	NUM OCCUPANTS INV IN VEH
occupant	120	*	NUMBER OF OCCUPANTS
occupant	135	47	Vehicle occupant
occupant	170	47	Vehicle occupant
occupant	184	3	By other occupant(s)
occupant	185	3	By other occupant(s)
occupant	186	3	By other occupant(s)
occupant	203	*	OCCUPANT NUMBER
occupant	204	*	OCCUPANT TYPE
occupant	205	*	OCCUPANT SEATING POSITION
occupant	206	*	OCC RESTRAINT SYSTEM USE
occupant	208	*	OCCUPANT EJECTION
occupant	209	*	OCCUPANT AGE
occupant	210	*	OCCUPANT SEX
occupant	211	*	OCCUPANT INJURY SEVERITY
occupant	227	*	IMPUTED OCCUPANT AGE
occupant	229	*	IMPUT OCCUPANT EJECTION
occupant	230	*	IMP OCC INJURY SEVERITY
occupant	231	*	IMP OCC SEATING POSITION
occupant	232	*	IMPUTED OCCUPANT SEX
occupant	304	3	Occupant of a motor vehicle not in trans
occurrence	126	*	FIRE OCCURRENCE
occurs	24	36	Weird - the motorist or cyclist intentio
october	2	10	October
officer	19	51	Officer, crossing guard, flagman, etc.
officer	24	36	Weird - the motorist or cyclist intentio
officer	47	51	Officer, crossing guard, flagman, etc.
officer	171	51	Officer, crossing guard, flagman, etc.
officer	172	51	Officer, crossing guard, flagman, etc.
officer	173	51	Officer, crossing guard, flagman, etc.
officer	174	51	Officer, crossing guard, flagman, etc.
officer	335	8	Failure to obey traffic signs, traffic c
officer	336	8	Failure to obey traffic signs, traffic c
officer	337	8	Failure to obey traffic signs, traffic c
officer	338	8	Failure to obey traffic signs, traffic c
officer	339	8	Failure to obey traffic signs, traffic c
officer	340	51	Officer, crossing guard, flagman, etc.
officer	341	51	Officer, crossing guard, flagman, etc.
oil	18	5	Sand, dirt, oil
oil	46	5	Sand, dirt, oil
oil	149	5	Sand, dirt, oil
one-way	167	51	Driving wrong way on one-way road
one-way	187	51	Driving wrong way on one-way road
one-way	188	51	Driving wrong way on one-way road
one-way	189	51	Driving wrong way on one-way road
one-way	190	51	Driving wrong way on one-way road
one-way	191	51	Driving wrong way on one-way road
opening	167	98	Other moving violation (coasting, backin
opening	187	98	Other moving violation (coasting, backin
opening	188	98	Other moving violation (coasting, backin
opening	189	98	Other moving violation (coasting, backin
opening	190	98	Other moving violation (coasting, backin
opening	191	98	Other moving violation (coasting, backin
operating	167	14	Drinking while operating
operating	187	14	Drinking while operating
operating	188	14	Drinking while operating
operating	189	14	Drinking while operating

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
operating	190	14	Drinking while operating
operating	191	14	Drinking while operating
operating	335	2	Operating without required equipment
operating	336	2	Operating without required equipment
operating	337	2	Operating without required equipment
operating	338	2	Operating without required equipment
operating	339	2	Operating without required equipment
organic	116	5	Oxidizer and organic peroxide
original	141	1	Stayed in original travel lane
outside	13	5	Outside trafficway
outside	125	6	Outside of trafficway
outside	184	12	Distracted by outside person, object or
outside	185	12	Distracted by outside person, object or
outside	186	12	Distracted by outside person, object or
overtaken	167	56	Fail to give way when overtaken
overtaken	187	56	Fail to give way when overtaken
overtaken	188	56	Fail to give way when overtaken
overtaken	189	56	Fail to give way when overtaken
overtaken	190	56	Fail to give way when overtaken
overtaken	191	56	Fail to give way when overtaken
overtakes	24	13	Motorist overtakes undetected cyclist
overtaking	24	15	Motorist overtaking, counteractive evasi
overtaking	137	6	Passing or overtaking another vehicle
overtaking	163	6	Passing or overtaking another vehicle
overturn	9	1	Rollover/Overturn
overturn	36	1	Rollover/overturn
overturn	75	101	Rollover/overturn
overturn	135	1	Rollover/overturn
overturn	170	1	Rollover/overturn
oxidizer	116	5	Oxidizer and organic peroxide
panel	108	11	Auto-based panel (cargo station wagon, a
panel	160	11	Auto-based panel (cargo station wagon, a
par	123	0	No jackknife noted on PAR
par	184	93	Not on police accident report (PAR)
par	185	93	Not on police accident report (PAR)
par	186	93	Not on police accident report (PAR)
par	228	*	IMP PAR ALC INVOLVEMENT
par	233	93	Not on Police Accident Report (PAR)
par	234	93	Not on Police Accident Report (PAR)
par	235	93	Not on Police Accident Report (PAR)
par	313	*	PAR ALCOHOL INVOLVEMENT
par	317	*	PAR DRUG INVOLVEMENT
par	328	*	IMP PAR ALC INVOLVEMENT
par	333	93	Not on Police Accident Report (PAR)
par	334	93	Not on Police Accident Report (PAR)
parallel	24	97	Unknown if approach paths are parallel o
parapet	9	34	Bridge structure (bridge pier/abutment/p
parapet	36	34	Bridge structure (pier/abutment/parapet
parapet	75	134	Bridge structure (bridge pier/abutment/p
parapet	135	34	Bridge structure (bridge pier/abutment/p
parapet	170	34	Bridge structure (bridge pier/abutment/p
paraplegic	233	4	Paraplegic or restricted to wheelchair
paraplegic	234	4	Paraplegic or restricted to wheelchair
paraplegic	235	4	Paraplegic or restricted to wheelchair
paraplegic	333	4	Paraplegic or restricted to wheelchair
paraplegic	334	4	Paraplegic or restricted to wheelchair
parked	9	26	Parked motor vehicle (or other mv not in

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
parked	24	41	Cyclist struck parked vehicle
parked	36	26	Parked motor vehicle (or other motor veh
parked	51	*	NUMBER OF PARKED VEHICLE
parked	75	126	Parked motor vehicle (or other MV not in
parked	135	26	Parked motor vehicle (or other motor veh
parked	137	7	Disabled or parked in travel lane
parked	143	11	Parked vehicle
parked	163	7	Disabled or parked in travel lane
parked	170	26	Parked motor vehicle (or other mv not in
parked	181	7	Not in-transport motor vehicle (parked,
parked	182	7	Not in-transport motor vehicle (parked,
parked	183	7	Not in-transport motor vehicle (parked,
parking	13	7	In parking lane
parking	20	0	No statutory limit (parking lot, alley,
parking	24	29	Parking lot, open area, or another nonro
parking	45	0	No statutory limit (parking lot, alley,
parking	137	13	Backing up (other than for parking posit
parking	138	64	From parking lane
parking	148	0	No statutory limit (parking lot, alley,
parking	163	13	Backing up (other than for parking purpo
parking	167	91	Parking
parking	187	91	Parking
parking	188	91	Parking
parking	189	91	Parking
parking	190	91	Parking
parking	191	91	Parking
partially	208	2	Partially ejected
partially	229	2	Partially ejected
pass	167	54	Pass on right (drive off pavement to pas
pass	187	54	Pass on right (drive off pavement to pas
pass	188	54	Pass on right (drive off pavement to pas
pass	189	54	Pass on right (drive off pavement to pas
pass	190	54	Pass on right (drive off pavement to pas
pass	191	54	Pass on right (drive off pavement to pas
passenger	29	1	Group 1L - applies if an occupant of a t
passenger	78	1	Group 1L - applies if an occupant of a t
passenger	108	17	3-door coupe (passenger car, added in 19
passenger	156	1	Group 1L - applies if an occupant of a t
passenger	160	17	3-door coupe (passenger car, added in 19
passenger	167	83	Failure to require restraint use (by sel
passenger	187	83	Failure to require restraint use (by sel
passenger	188	83	Failure to require restraint use (by sel
passenger	189	83	Failure to require restraint use (by sel
passenger	190	83	Failure to require restraint use (by sel
passenger	191	83	Failure to require restraint use (by sel
passenger	204	2	Passenger of a motor vehicle in transpor
passenger	205	51	Other passenger in enclosed passenger or
passenger	223	1	Group 1L - applies if an occupant of a t
passenger	231	51	Other passenger in enclosed passenger or
passenger	323	1	Group 1L - applies if an occupant of a t
passing	24	16	Motorist overtaking, misjudges passing s
passing	137	6	Passing or overtaking another vehicle
passing	138	17	Crossing over (passing through) intersec
passing	163	6	Passing or overtaking another vehicle
passing	167	53	Improper, unsafe passing
passing	181	8	Splash or spray of passing vehicle
passing	182	8	Splash or spray of passing vehicle

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Item	Var	CV	Variable Name or Code Value
passing	183	8	Splash or spray of passing vehicle
passing	187	53	Improper, unsafe passing
passing	188	53	Improper, unsafe passing
passing	189	53	Improper, unsafe passing
passing	190	53	Improper, unsafe passing
passing	191	53	Improper, unsafe passing
passive	19	62	Passive device (stop sign, cross bucks)
passive	47	62	Passive device (stop sign, cross bucks)
passive	171	62	Passive device at RR crossing (stop sign)
passive	172	62	Passive device at RR crossing (stop sign)
passive	173	62	Passive device at RR crossing (stop sign)
passive	174	62	Passive device at RR crossing (stop sign)
passive	340	62	Passive device at RR crossing (stop sign)
passive	341	62	Passive device at RR crossing (stop sign)
path	24	17	Motorist overtaking cyclist, path obstru
path	138	66	From crossing street, straight across pa
path	141	99	Vehicle path unknown
pavement	9	7	Pavement surface irregularity (ruts, pot
pavement	36	7	Pavement surface irregularity (ruts, pot
pavement	75	107	Pavement surface irregularity (ruts, pot
pavement	135	7	Pavement surface irregularity (ruts, pot
pavement	167	54	Pass on right (drive off pavement to pas
pavement	170	7	Pavement surface irregularity (ruts, pot
pavement	187	54	Pass on right (drive off pavement to pas
pavement	188	54	Pass on right (drive off pavement to pas
pavement	189	54	Pass on right (drive off pavement to pas
pavement	190	54	Pass on right (drive off pavement to pas
pavement	191	54	Pass on right (drive off pavement to pas
pedalcycle	9	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	36	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	75	122	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	135	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	170	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	9	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	36	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	75	122	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	135	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	138	83	Pedalcyclist/other nonmotorist in roadwa
pedalcyclist	170	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	175	5	Pedestrian, pedalcyclist or other nonmot
pedalcyclist	176	5	Pedestrian, pedalcyclist or other nonmot
pedalcyclist	304	6	Cyclist (pedalcyclist)
pedestrian	9	21	Pedestrian
pedestrian	24	*	PEDESTRIAN/CYCLIST CRASH
pedestrian	36	21	Pedestrian
pedestrian	75	121	Pedestrian
pedestrian	135	21	Pedestrian
pedestrian	138	80	Pedestrian in roadway
pedestrian	143	3	Avoid collision with vehicle, pedestrian
pedestrian	167	33	Violation of turn-on-red (fail to stop &
pedestrian	170	21	Pedestrian
pedestrian	175	5	Pedestrian, pedalcyclist or other nonmot
pedestrian	176	5	Pedestrian, pedalcyclist or other nonmot
pedestrian	187	33	Violation of turn-on-red (fail to stop &
pedestrian	188	33	Violation of turn-on-red (fail to stop &
pedestrian	189	33	Violation of turn-on-red (fail to stop &
pedestrian	190	33	Violation of turn-on-red (fail to stop &

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
pedestrian	191	33	Violation of turn-on-red (fail to stop &
pedestrian	204	5	Pedestrian
pedestrian	304	5	Pedestrian
performed	216	97	Test performed, results unknown
performed	316	97	Test performed, results unknown
permit	167	71	Driving while license withdrawn (includi
permit	187	71	Driving while license withdrawn (includi
permit	188	71	Driving while license withdrawn (includi
permit	189	71	Driving while license withdrawn (includi
permit	190	71	Driving while license withdrawn (includi
permit	191	71	Driving while license withdrawn (includi
permits	167	73	Commercial driver violations (log book,
permits	187	73	Commercial driver violations (log book,
permits	188	73	Commercial driver violations (log book,
permits	189	73	Commercial driver violations (log book,
permits	190	73	Commercial driver violations (log book,
permits	191	73	Commercial driver violations (log book,
peroxide	116	5	Oxidizer and organic peroxide
personal	204	8	Persons on personal conveyances
phantom	175	92	Phantom vehicle
phantom	176	92	Phantom vehicle
phone	184	5	While talking or listening to cellular p
phone	185	5	While talking or listening to cellular p
phone	186	5	While talking or listening to cellular p
physical	233	*	PHYSICAL IMPAIRMENT #1
physical	234	*	PHYSICAL IMPAIRMENT #2
physical	235	*	PHYSICAL IMPAIRMENT #3
physical	333	*	PHYSICAL IMPAIRMENT #1
physical	334	*	PHYSICAL IMPAIRMENT #2
physically	14	0	Not physically divided (center 2-way lef
physically	150	0	Not physically divided (center two-way l
physically	233	99	Unknown if physically impaired
physically	234	99	Unknown if physically impaired
physically	235	99	Unknown if physically impaired
physically	333	99	Unknown if physically impaired
physically	334	99	Unknown if physically impaired
pickup	108	10	Auto-based pickup (includes El Camino, C
pickup	160	10	Auto-based pickup (includes El Camino, C
pier	9	34	Bridge structure (bridge pier/abutment/p
pier	36	34	Bridge structure (pier/abutment/parapet
pier	75	134	Bridge structure (bridge pier/abutment/p
pier	135	34	Bridge structure (bridge pier/abutment/p
pier	170	34	Bridge structure (bridge pier/abutment/p
placard	113	*	HAZARD MATERIALS PLACARD
plates	36	50	Pavement surface irregularity (ruts, pot
play	24	40	Play vehicle (Big Wheel, other tricycle
playing	24	430	Playing in roadway
playing	335	29	Playing, working, sitting, lying, standi
playing	336	29	Playing, working, sitting, lying, standi
playing	337	29	Playing, working, sitting, lying, standi
playing	338	29	Playing, working, sitting, lying, standi
playing	339	29	Playing, working, sitting, lying, standi
point	74	99	Point of impact unknown
point	76	99	Point of Impact Unknown
point	127	*	INITIAL POINT OF IMPACT
point	162	*	IMP INIT POINT OF IMPACT
poison	116	6	Poison and poison inhalation hazard

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
pole	9	37	Sign post, utility pole or other support
pole	36	37	Post, pole or support (sign post, utilit
pole	75	137	Sign post, utility pole or other support
pole	135	37	Sign post, utility pole or other support
pole	170	37	Post, pole or support (sign post, utilit
pole-trailer	109	9	Pole-trailer
police	24	330	Emergency/police vehicle related
police	28	*	POLICE JURISDICTION
police	77	*	POLICE JURISDICTION
police	111	5	Police
police	155	*	POLICE JURISDICTION
police	167	6	Fail to obey police, fireman, authorized
police	175	93	Not on police report
police	176	93	Not on police report
police	184	93	Not on police accident report (PAR)
police	185	93	Not on police accident report (PAR)
police	186	93	Not on police accident report (PAR)
police	187	5	Fleeing or eluding police
police	188	5	Fleeing or eluding police
police	189	5	Fleeing or eluding police
police	190	5	Fleeing or eluding police
police	191	5	Fleeing or eluding police
police	213	*	POLICE REPORTED ALC INV
police	217	*	POLICE REPORTED DRUG INV
police	222	*	POLICE JURISDICTION
police	228	9	Unknown (Police reported)
police	233	93	Not on Police Accident Report (PAR)
police	234	93	Not on Police Accident Report (PAR)
police	235	93	Not on Police Accident Report (PAR)
police	313	9	Unknown (police reported)
police	317	9	Unknown (police reported)
police	322	*	POLICE JURISDICTION
police	328	9	Unknown (police reported)
police	333	93	Not on Police Accident Report (PAR)
police	334	93	Not on Police Accident Report (PAR)
poor	138	5	Poor road conditions (puddle, pothole, i
poor	175	2	Poor road conditions (puddle, ice, potho
poor	176	2	Poor road conditions (puddle, ice, potho
position	137	8	Leaving a parked position
position	163	8	Leaving a parked position
position	167	42	Improper method & position of turn (too
position	187	42	Improper method & position of turn (too
position	188	42	Improper method & position of turn (too
position	189	42	Improper method & position of turn (too
position	190	42	Improper method & position of turn (too
position	191	42	Improper method & position of turn (too
position	205	*	OCCUPANT SEATING POSITION
position	231	*	IMP OCC SEATING POSITION
positive	216	98	Positive reading with no actual value
positive	220	2	Positive
positive	316	98	Positive reading with no actual value
positive	320	2	Positive
possession	167	15	Illegal possession of alcohol or drugs
possession	187	15	Illegal possession of alcohol or drugs
possession	188	15	Illegal possession of alcohol or drugs
possession	189	15	Illegal possession of alcohol or drugs
possession	190	15	Illegal possession of alcohol or drugs

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
possession	191	15	Illegal possession of alcohol or drugs
post	9	37	Sign post, utility pole or other support
post	36	37	Post, pole or support (sign post, utilit
post	75	137	Sign post, utility pole or other support
post	135	37	Sign post, utility pole or other support
post	170	37	Post, pole or support (sign post, utilit
pothole	138	5	Poor road conditions (puddle, pothole, i
pothole	175	2	Poor road conditions (puddle, ice, potho
pothole	176	2	Poor road conditions (puddle, ice, potho
potholes	9	7	Pavement surface irregularity (ruts, pot
potholes	36	7	Pavement surface irregularity (ruts, pot
potholes	75	107	Pavement surface irregularity (ruts, pot
potholes	135	7	Pavement surface irregularity (ruts, pot
potholes	170	7	Pavement surface irregularity (ruts, pot
pound	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
pound	160	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
power	177	5	Power train - universal joint, drive sha
power	178	5	Power train - universal joint, drive sha
power	179	5	Power train - universal joint, drive sha
power	180	5	Power train - universal joint, drive sha
precrash	140	*	PRECRASH VEHICLE CONTROL
precrash	141	*	PRECRASH LOCATION
precrash	140	9	Precrash stability unknown
preliminary	215	10	Preliminary Breath Test ("BPT")
preliminary	315	10	Preliminary Breath Test ("PBT")
presence	103	*	DRIVER PRESENCE
previous	137	17	Successful corrective action/avoidance m
previous	163	17	Successful corrective action to a previo
previous	233	5	Impaired due to previous injury
previous	234	5	Impaired due to previous injury
previous	235	5	Impaired due to previous injury
previous	333	5	Impaired due to previous injury
previous	334	5	Impaired due to previous injury
problem	138	4	Nondisabling (minor) vehicle problem (e.
profile	17	*	ROADWAY PROFILE
profile	43	*	IMPUTED ROADWAY PROFILE
profile	147	*	ROADWAY PROFILE
prohibited	167	61	Unsafe of prohibited lane change
prohibited	187	61	Unsafe of prohibited lane change
prohibited	188	61	Unsafe of prohibited lane change
prohibited	189	61	Unsafe of prohibited lane change
prohibited	190	61	Unsafe of prohibited lane change
prohibited	191	61	Unsafe of prohibited lane change
proper	335	4	Failure to keep in proper lane or runnin
proper	336	4	Failure to keep in proper lane or runnin
proper	337	4	Failure to keep in proper lane or runnin
proper	338	4	Failure to keep in proper lane or runnin
proper	339	4	Failure to keep in proper lane or runnin
property	26	0	No person injured/property damage only c
property	42	0	No person injured/property damage only c
property	152	0	No person injured/property damage only c
property	166	0	No person injured/property damage only c
provisions	167	71	Driving while license withdrawn (includi
provisions	187	71	Driving while license withdrawn (includi
provisions	188	71	Driving while license withdrawn (includi
provisions	189	71	Driving while license withdrawn (includi
provisions	190	71	Driving while license withdrawn (includi

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
provisions	191	71	Driving while license withdrawn (includi
prudent	167	23	Speed greater than reasonable & prudent
prudent	187	23	Speed greater than reasonable & prudent
prudent	188	23	Speed greater than reasonable & prudent
prudent	189	23	Speed greater than reasonable & prudent
prudent	190	23	Speed greater than reasonable & prudent
prudent	191	23	Speed greater than reasonable & prudent
puddle	138	5	Poor road conditions (puddle, pothole, i
puddle	175	2	Poor road conditions (puddle, ice, potho
puddle	176	2	Poor road conditions (puddle, ice, potho
purpose	137	13	Backing up (other than for parking posit
purpose	163	13	Backing up (other than for parking purpo
pursuit	24	230	Hot pursuit
pushing	335	26	Nonmotorist pushing a vehicle
pushing	336	26	Nonmotorist pushing a vehicle
pushing	337	26	Nonmotorist pushing a vehicle
pushing	338	26	Nonmotorist pushing a vehicle
pushing	339	26	Nonmotorist pushing a vehicle
qualify	29	2	Group 2 - applies if the NASS crash does
qualify	78	2	Group 2 - applies if the NASS crash does
qualify	156	2	Group 2 - applies if the NASS crash does
qualify	223	2	Group 2 - applies if the NASS crash does
qualify	323	2	Group 2 - applies if the NASS crash does
qualifying	24	9999	First qualifying nonmotorist involved is
rabbit	108	10	Auto-based pickup (includes El Camino, C
rabbit	160	10	Auto-based pickup (includes El Camino, C
racing	167	21	Racing
racing	187	21	Racing
racing	188	21	Racing
racing	189	21	Racing
racing	190	21	Racing
racing	191	21	Racing
radio	184	8	While adjusting radio, cassette, or CD
radio	185	8	While adjusting radio, cassette, or CD
radio	186	8	While adjusting radio, cassette, or CD
radioactive	116	7	Radioactive
raider	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
raider	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
rail	9	34	Bridge structure (bridge pier/abutment/p
rail	12	5	Rail grade crossing
rail	36	34	Bridge structure (pier/abutment/parapet
rail	44	5	Rail grade crossing
rail	75	134	Bridge structure (bridge pier/abutment/p
rail	135	34	Bridge structure (bridge pier/abutment/p
rail	170	34	Bridge structure (bridge pier/abutment/p
railway	9	23	Railway train
railway	36	23	Railway train
railway	75	123	Railway train
railway	135	23	Railway train
railway	170	23	Railway train
rain	22	2	Rain
rain	48	2	Rain
rain	181	1	Rain, snow, smoke, sand, dust
rain	182	1	Rain, snow, smoke, sand, dust
rain	183	1	Rain, snow, smoke, sand, dust
rally	108	21	Large van (Sportvan, Chevy Van, Club Wag
rally	160	21	Large van (Sportvan, Chevy Van, Club Wag

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Item	Var	CV	Variable Name or Code Value
ramp	12	4	Entrance/exit ramp
ramp	44	4	Entrance/exit ramp
reaching	184	10	While using or reaching for other device
reaching	185	10	While using or reaching for other device
reaching	186	10	While using or reaching for device/objec
reading	216	98	Positive reading with no actual value
reading	316	98	Positive reading with no actual value
rear-end	10	1	Rear-end
rear-end	39	1	Rear-end
rear-to-rear	10	3	Rear-to-rear
rear-to-rear	39	3	Rear-to-rear
reasonable	167	23	Speed greater than reasonable & prudent
reasonable	187	23	Speed greater than reasonable & prudent
reasonable	188	23	Speed greater than reasonable & prudent
reasonable	189	23	Speed greater than reasonable & prudent
reasonable	190	23	Speed greater than reasonable & prudent
reasonable	191	23	Speed greater than reasonable & prudent
reckless	167	2	Willful reckless driving, driving to end
reckless	187	2	Willful reckless driving, driving to end
reckless	188	2	Willful reckless driving, driving to end
reckless	189	2	Willful reckless driving, driving to end
reckless	190	2	Willful reckless driving, driving to end
reckless	191	2	Willful reckless driving, driving to end
reckless	335	6	Operating the vehicle in other erratic,
reckless	336	6	Operating the vehicle in erratic, reckle
reckless	337	6	Operating the vehicle in erratic, reckle
reckless	338	6	Operating the vehicle in erratic, reckle
reckless	339	6	Operating the vehicle in erratic, reckle
red	167	31	Fail to stop for red signal
red	187	31	Fail to stop for red signal
red	188	31	Fail to stop for red signal
red	189	31	Fail to stop for red signal
red	190	31	Fail to stop for red signal
red	191	31	Fail to stop for red signal
reflected	181	2	Reflected glare, bright sunlight, headli
reflected	182	2	Reflected glare, bright sunlight, headli
reflected	183	2	Reflected glare, bright sunlight, headli
reflective	342	3	Reflective equipment
reflective	343	3	Reflective equipment
reflective	344	3	Reflective equipment
refusal	167	18	Refusal to submit to chemical test
refusal	187	18	Refusal to submit to chemical test
refusal	188	18	Refusal to submit to chemical test
refusal	189	18	Refusal to submit to chemical test
refusal	190	18	Refusal to submit to chemical test
refusal	191	18	Refusal to submit to chemical test
refuse	109	7	Garbage/refuse
refused	214	1	Test refused
refused	218	1	Test refused
refused	314	1	Test refused
refused	318	1	Test refused
region	31	*	REGION OF COUNTRY
region	80	*	REGION OF COUNTRY
region	158	*	REGION OF COUNTRY
region	225	*	REGION OF COUNTRY
region	325	*	REGION OF COUNTRY
registration	167	74	Vehicle registration violations

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Item	Var	CV	Variable Name or Code Value
registration	187	74	Vehicle registration violations
registration	188	74	Vehicle registration violations
registration	189	74	Vehicle registration violations
registration	190	74	Vehicle registration violations
registration	191	74	Vehicle registration violations
regulation	167	36	Violate RR grade crossing device /regula
regulation	187	36	Violate RR grade crossing device /regula
regulation	188	36	Violate RR grade crossing device /regula
regulation	189	36	Violate RR grade crossing device /regula
regulation	190	36	Violate RR grade crossing device /regula
regulation	191	36	Violate RR grade crossing device /regula
relation	12	*	RELATION TO JUNCTION
relation	13	*	RELATION TO ROADWAY
relation	44	*	IMP RELATION TO JUNCTION
release	114	*	HAZARD MATERIALS RELEASE
releasing	139	5	Releasing brakes
remained	141	5	Remained off roadway
removal	134	*	VEHICLE REMOVAL
renegade	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
renegade	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
requires	233	3	Requires cane or crutches
requires	234	3	Requires cane or crutches
requires	235	3	Requires cane or crutches
requires	333	3	Requires cane or crutches
requires	334	3	Requires cane or crutches
rescue	108	40	Cab chassis-based (includes rescue vehic
rescue	160	40	Cab chassis-based (includes rescue vehic
resident	154	0	Not resident of U.S. or territories
residential	24	1	Ride out, residential driveway
restraint	167	83	Failure to require restraint use (by sel
restraint	187	83	Failure to require restraint use (by sel
restraint	188	83	Failure to require restraint use (by sel
restraint	189	83	Failure to require restraint use (by sel
restraint	190	83	Failure to require restraint use (by sel
restraint	191	83	Failure to require restraint use (by sel
restraint	206	*	OCC RESTRAINT SYSTEM USE
restricted	233	4	Paraplegic or restricted to wheelchair
restricted	234	4	Paraplegic or restricted to wheelchair
restricted	235	4	Paraplegic or restricted to wheelchair
restricted	333	4	Paraplegic or restricted to wheelchair
restricted	334	4	Paraplegic or restricted to wheelchair
restriction	167	85	Violation of hazardous cargo restriction
restriction	187	85	Violation of hazardous cargo restriction
restriction	188	85	Violation of hazardous cargo restriction
restriction	189	85	Violation of hazardous cargo restriction
restriction	190	85	Violation of hazardous cargo restriction
restriction	191	85	Violation of hazardous cargo restriction
result	216	*	ALCOHOL TEST RESULT
result	220	*	DRUG TEST RESULT
result	316	*	ALCOHOL TEST RESULT
result	320	*	DRUG TEST RESULT
resulting	167	9	Serious violation resulting in death
resulting	187	9	Serious violation resulting in death
resulting	188	9	Serious violation resulting in death
resulting	189	9	Serious violation resulting in death
resulting	190	9	Serious violation resulting in death
resulting	191	9	Serious violation resulting in death

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
returned	141	6	Returned to roadway
ride	24	1	Ride out, residential driveway
riding	167	66	Motorcycle lane violations (more than tw
riding	187	66	Motorcycle lane violations (more than tw
riding	188	66	Motorcycle lane violations (more than tw
riding	189	66	Motorcycle lane violations (more than tw
riding	190	66	Motorcycle lane violations (more than tw
riding	191	66	Motorcycle lane violations (more than tw
riding	205	55	Riding on vehicle exterior
riding	231	55	Riding on vehicle exterior
right	24	21	Cyclist right turn, from wrong side of s
right	74	2	Right side
right	76	2	Right side
right	127	2	Right side
right	128	2	Right side
right	129	2	Right side
right	130	2	Right side
right	131	2	Right side
right	132	2	Right side
right	137	10	Turning right
right	138	11	Over the lane line on right side of trav
right	139	7	Steering right
right	143	23	Stopped, right
right	162	2	Right side
right	163	10	Turning right
right	167	54	Pass on right (drive off pavement to pas
right	187	54	Pass on right (drive off pavement to pas
right	188	54	Pass on right (drive off pavement to pas
right	189	54	Pass on right (drive off pavement to pas
right	190	54	Pass on right (drive off pavement to pas
right	191	54	Pass on right (drive off pavement to pas
right	205	13	Front seat - right side
right	231	13	Front seat - right side
right	335	7	Failure to yield right of way
right	336	7	Failure to yield right of way
right	337	7	Failure to yield right of way
right	338	7	Failure to yield right of way
right	339	7	Failure to yield right of way
right-on-red	24	10	Right-on-red
road	19	41	Warning sign for road conditions (hill,
road	24	1539	Walking along road - can't specify
road	47	41	Warning sign for road conditions (hill,
road	138	5	Poor road conditions (puddle, pothole, i
road	143	1	Drive off road
road	167	51	Driving wrong way on one-way road
road	171	41	Warning sign for road conditions (hill,
road	172	41	Warning sign for road conditions (hill,
road	173	41	Warning sign for road conditions (hill,
road	174	41	Warning sign for road conditions (hill,
road	175	1	Object in road
road	176	1	Object in road
road	187	51	Driving wrong way on one-way road
road	188	51	Driving wrong way on one-way road
road	189	51	Driving wrong way on one-way road
road	190	51	Driving wrong way on one-way road
road	191	51	Driving wrong way on one-way road
road	335	4	Failure to keep in proper lane or runnin

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
road	336	4	Failure to keep in proper lane or runnin
road	337	4	Failure to keep in proper lane or runnin
road	338	4	Failure to keep in proper lane or runnin
road	339	4	Failure to keep in proper lane or runnin
road	340	41	Warning sign for road conditions (hill,
road	341	41	Warning sign for road conditions (hill,
roadside	13	4	On roadside
roadway	13	*	RELATION TO ROADWAY
roadway	16	*	ROADWAY ALIGNMENT
roadway	17	*	ROADWAY PROFILE
roadway	18	*	ROADWAY SURFACE COND
roadway	24	410	Working on roadway
roadway	35	*	IMP ROADWAY ALIGNMENT
roadway	43	*	IMPUTED ROADWAY PROFILE
roadway	46	*	IMP ROADWAY SURFACE COND
roadway	125	1	On roadway
roadway	138	80	Pedestrian in roadway
roadway	141	2	Stayed on roadway, but left original tra
roadway	145	*	ROADWAY ALIGNMENT
roadway	147	*	ROADWAY PROFILE
roadway	181	3	Curve, hill or other roadway design feat
roadway	182	3	Curve, hill or other roadway design feat
roadway	183	3	Curve, hill or other roadway design feat
roadway	321	2	Intersection - on roadway
roadway	335	22	Improper crossing of roadway or intersec
roadway	336	22	Improper crossing of roadway or intersec
roadway	337	22	Improper crossing of roadway or intersec
roadway	338	22	Improper crossing of roadway or intersec
roadway	339	22	Improper crossing of roadway or intersec
rod	177	3	Steering system - tie rod, kingpin, ball
rod	178	3	Steering system - tie rod, kingpin, ball
rod	179	3	Steering system - tie rod, kingpin, ball
rod	180	3	Steering system - tie rod, kingpin, ball
role	142	*	VEHICLE ROLE
role	168	*	IMPUTED VEHICLE ROLE
rolled	24	1750	Wheelchair rolled into vehicle - at inte
rollover	9	1	Rollover/Overturn
rollover	36	1	Rollover/overturn
rollover	75	101	Rollover/overturn
rollover	124	*	ROLLOVER
rollover	125	*	ROLLOVER LOCATION
rollover	135	1	Rollover/overturn
rollover	170	1	Rollover/overturn
roof	108	1	Convertible (excludes sun roof, t-bar)
roof	160	1	Convertible (excludes sun roof, t-bar)
roof	207	3	Deployed - curtain (roof)
rotation	140	2	Skidding longitudinally - rotation less
route	167	93	Driving where prohibited (sidewalk, limi
route	187	93	Driving where prohibited (sidewalk, limi
route	188	93	Driving where prohibited (sidewalk, limi
route	189	93	Driving where prohibited (sidewalk, limi
route	190	93	Driving where prohibited (sidewalk, limi
route	191	93	Driving where prohibited (sidewalk, limi
rover	108	15	Large utility (Jeep Cherokee 83 and befo
rover	160	15	Large utility (Jeep Cherokee 83 and befo
run	175	50	Hit & run (and no information)
run	176	50	Hit & run (and no information)

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
rut	9	7	Pavement surface irregularity (ruts, pot
rut	36	7	Pavement surface irregularity (ruts, pot
rut	75	107	Pavement surface irregularity (ruts, pot
rut	135	7	Pavement surface irregularity (ruts, pot
rut	170	7	Pavement surface irregularity (ruts, pot
safety	206	6	Child safety seat
safety	335	8	Failure to obey traffic signs, traffic c
safety	336	8	Failure to obey traffic signs, traffic c
safety	337	8	Failure to obey traffic signs, traffic c
safety	338	8	Failure to obey traffic signs, traffic c
safety	339	8	Failure to obey traffic signs, traffic c
safety	342	*	SAFETY EQUIPMENT USED #1
safety	343	*	SAFETY EQUIPMENT USED #2
safety	344	*	SAFETY EQUIPMENT USED #3
sag	17	8	Sag
sag	43	8	Sag
sag	147	8	Sag
sand	18	5	Sand, dirt, oil
sand	22	8	Other (smog, smoke, blowing sand/dust/sn
sand	46	5	Sand, dirt, oil
sand	48	8	Other (smog, smoke, blowing sand/dust/sn
sand	149	5	Sand, dirt, oil
sand	181	1	Rain, snow, smoke, sand, dust
sand	182	1	Rain, snow, smoke, sand, dust
sand	183	1	Rain, snow, smoke, sand, dust
saturday	4	7	Saturday
saturday	49	7	Saturday
scamp	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
scamp	160	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
scene	104	0	No, did not leave scene
scene	134	4	Abandoned/left at scene
scene	161	0	No, did not leave scene
school	19	23	School zone related sign
school	23	*	SCHOOL BUS REL TO CRASH
school	24	120	School bus
school	47	23	School zone related sign
school	108	24	Van-based school bus (added in 1993)
school	111	2	Vehicle used as school bus
school	160	24	Van-based school bus
school	167	55	Pass stopped school bus
school	171	23	School zone related sign
school	172	23	School zone related sign
school	173	23	School zone related sign
school	174	23	School zone related sign
school	187	55	Pass stopped school bus
school	188	55	Pass stopped school bus
school	189	55	Pass stopped school bus
school	190	55	Pass stopped school bus
school	191	55	Pass stopped school bus
school	340	23	School zone related sign
school	341	23	School zone related sign
scout	108	15	Large utility (Jeep Cherokee 83 and befo
scout	160	15	Large utility (Jeep Cherokee 83 and befo
scrambler	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
scrambler	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
seat	205	11	Front seat - left side (driver's side)
seat	206	6	Child safety seat

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
seat	207	0	Not applicable (nonmotorist or vehicle/s
seat	231	11	Front seat - left side (driver's side)
seating	177	13	Driver seating and control
seating	178	13	Driver seating and control
seating	179	13	Driver seating and control
seating	180	13	Driver seating and control
seating	205	99	Unknown seating position
seating	231	*	IMP OCC SEATING POSITION
second	205	21	Second seat - left side
second	231	21	Second seat - left side
section	205	50	Sleeper section of cab (truck)
section	231	50	Sleeper section of cab (truck)
sedan	108	2	2-door sedan, hardtop, coupe
sedan	160	2	2-door sedan, hardtop, coupe
separator	13	10	Separator
separator	125	3	On median/separator
september	2	9	September
sequence	72	*	EVENT SEQUENCE NUMBER
serious	167	9	Serious violation resulting in death
serious	187	9	Serious violation resulting in death
serious	188	9	Serious violation resulting in death
serious	189	9	Serious violation resulting in death
serious	190	9	Serious violation resulting in death
serious	191	9	Serious violation resulting in death
services	111	8	Emergency services vehicle
severity	25	*	MAX INJRY SEVERITY CRASH
severity	40	5	Injured, unknown severity
severity	133	*	DAMAGE SEVERITY
severity	151	*	MAX INJ SEVERITY IN VEH
severity	165	5	Injured severity unknown
severity	211	*	OCCUPANT INJURY SEVERITY
severity	230	*	IMP OCC INJURY SEVERITY
severity	311	*	NONMOTORIST INJ SEVERITY
severity	330	*	INJURY SEVERITY
sex	210	*	OCCUPANT SEX
sex	232	*	IMPUTED OCCUPANT SEX
sex	310	*	NONMOTORIST SEX
sex	332	*	IMPUTED NONMOTORIST SEX
shaft	177	5	Power train - universal joint, drive sha
shaft	178	5	Power train - universal joint, drive sha
shaft	179	5	Power train - universal joint, drive sha
shaft	180	5	Power train - universal joint, drive sha
shock	177	4	Suspension-springs, shock absorbers, Mac
shock	178	4	Suspension - springs, shock absorbers, M
shock	179	4	Suspension-springs, shock absorbers, Mac
shock	180	4	Suspension-springs, shock absorbers, Mac
shoulder	13	2	On shoulder
shoulder	125	2	On shoulder
shoulder	206	1	Lap/shoulder belt
shrubby	9	44	Shrubby or bush
shrubby	36	44	Shrubby or bush
shrubby	75	144	Shrubby or bush
shrubby	135	44	Shrubby or bush
shrubby	170	44	Shrubby or bush
sideswipe	10	5	Sideswipe, same direction
sideswipe	39	5	Sideswipe, same direction
sidewalk	24	3	Ride out from sidewalk

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
sidewalk	167	93	Driving where prohibited (sidewalk, limi
sidewalk	187	93	Driving where prohibited (sidewalk, limi
sidewalk	188	93	Driving where prohibited (sidewalk, limi
sidewalk	189	93	Driving where prohibited (sidewalk, limi
sidewalk	190	93	Driving where prohibited (sidewalk, limi
sidewalk	191	93	Driving where prohibited (sidewalk, limi
sign	9	37	Sign post, utility pole or other support
sign	19	21	Stop sign
sign	24	5	Ride out, stop sign
sign	36	37	Post, pole or support (sign post, utilit
sign	47	21	Stop sign
sign	75	137	Sign post, utility pole or other support
sign	135	37	Sign post, utility pole or other support
sign	167	37	Fail to obey stop sign
sign	170	37	Post, pole or support (sign post, utilit
sign	171	21	Stop sign
sign	172	21	Stop sign
sign	173	21	Stop sign
sign	174	21	Stop sign
sign	187	37	Fail to obey stop sign
sign	188	37	Fail to obey stop sign
sign	189	37	Fail to obey stop sign
sign	190	37	Fail to obey stop sign
sign	191	37	Fail to obey stop sign
sign	335	8	Failure to obey traffic signs, traffic c
sign	336	8	Failure to obey traffic signs, traffic c
sign	337	8	Failure to obey traffic signs, traffic c
sign	338	8	Failure to obey traffic signs, traffic c
sign	339	8	Failure to obey traffic signs, traffic c
sign	340	21	Stop sign
sign	341	21	Stop sign
signal	19	1	Traffic control signal (on colors)
signal	47	1	Traffic control signal (on colors)
signal	167	31	Fail to stop for red signal
signal	171	1	Traffic control signal (on colors)
signal	172	1	Traffic control signal (on colors)
signal	173	1	Traffic control signal (on colors)
signal	174	1	Traffic control signal (on colors)
signal	177	8	Signal lights
signal	178	8	Signal lights
signal	179	8	Signal lights
signal	180	8	Signal lights
signal	187	31	Fail to stop for red signal
signal	188	31	Fail to stop for red signal
signal	189	31	Fail to stop for red signal
signal	190	31	Fail to stop for red signal
signal	191	31	Fail to stop for red signal
signal	340	1	Traffic control signal (on colors)
signal	341	1	Traffic control signal (on colors)
signaling	167	49	Turn, yield, signaling violations, gener
signaling	187	49	Turn, yield, signaling violations, gener
signaling	188	49	Turn, yield, signaling violations, gener
signaling	189	49	Turn, yield, signaling violations, gener
signaling	190	49	Turn, yield, signaling violations, gener
signaling	191	49	Turn, yield, signaling violations, gener
single	108	64	Single unit straight truck
single	160	64	Single unit straight truck

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
sitting	335	29	Playing, working, sitting, lying, standi
sitting	336	29	Playing, working, sitting, lying, standi
sitting	337	29	Playing, working, sitting, lying, standi
sitting	338	29	Playing, working, sitting, lying, standi
sitting	339	29	Playing, working, sitting, lying, standi
size	167	86	Size, weight, load violations
size	187	86	Size, weight, load violations
size	188	86	Size, weight, load violations
size	189	86	Size, weight, load violations
size	190	86	Size, weight, load violations
size	191	86	Size, weight, load violations
skidding	140	2	Skidding longitudinally - rotation less
sleeper	205	50	Sleeper section of cab (truck)
sleeper	231	50	Sleeper section of cab (truck)
sleepy	184	11	Sleepy or fell asleep
sleepy	185	11	Sleepy or fell asleep
sleepy	186	11	Sleepy or fell asleep
sleepy	233	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	234	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	235	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	333	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	334	2	Drowsy, sleepy, fell asleep, fatigued
sleet	22	3	Sleet
sleet	48	3	Sleet
slide-in	108	32	Pickup with slide-in camper
slide-in	160	32	Pickup with slide-in camper
slower	143	24	Slower
slowing	143	28	Decelerating (slowing)
slowly	167	26	Driving too slowly
slowly	187	26	Driving too slowly
slowly	188	26	Driving too slowly
slowly	189	26	Driving too slowly
slowly	190	26	Driving too slowly
slowly	191	26	Driving too slowly
slush	18	3	Snow or slush
slush	46	3	Snow or slush
slush	149	3	Snow or slush
smog	22	8	Other (smog, smoke, blowing sand/dust/sn
smog	48	8	Other (smog, smoke, blowing sand/dust/sn
smoke	22	8	Other (smog, smoke, blowing sand/dust/sn
smoke	48	8	Other (smog, smoke, blowing sand/dust/sn
smoke	181	1	Rain, snow, smoke, sand, dust
smoke	182	1	Rain, snow, smoke, sand, dust
smoke	183	1	Rain, snow, smoke, sand, dust
smoking	184	14	Smoking related
smoking	185	14	Smoking related
smoking	186	14	Smoking related
snow	18	3	Snow or slush
snow	22	4	Snow
snow	46	3	Snow or slush
snow	48	4	Snow
snow	149	3	Snow or slush
snow	181	1	Rain, snow, smoke, sand, dust
snow	182	1	Rain, snow, smoke, sand, dust
snow	183	1	Rain, snow, smoke, sand, dust
snowmobile	108	91	Snowmobile
snowmobile	160	91	Snowmobile

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
solid	116	4	Flammable solid, spontaneously combustib
special	111	*	SPECIAL USE
special	167	24	Exceeding special limit
special	187	24	Exceeding special limit
special	188	24	Exceeding special limit
special	189	24	Exceeding special limit
special	190	24	Exceeding special limit
special	191	24	Exceeding special limit
specific	143	4	Specifics other
specific	206	8	Restraint used - specifics unknown or ot
specify	24	539	Walking/running along roadway - can't sp
specify	139	98	Other actions, specify:
specify	140	7	Other vehicle loss of control (specify)
speed	19	40	Advisory speed sign
speed	20	*	SPEED LIMIT
speed	45	*	IMPUTED SPEED LIMIT
speed	47	40	Advisory speed sign
speed	121	*	TRAVEL SPEED
speed	138	6	Traveling too fast for conditions (exces
speed	144	*	SPEED RELATED
speed	148	*	SPEED LIMIT
speed	167	22	Speeding (above the speed limit)
speed	171	40	Advisory speed sign
speed	172	40	Advisory speed sign
speed	173	40	Advisory speed sign
speed	174	40	Advisory speed sign
speed	187	22	Speeding (above the speed limit)
speed	188	22	Speeding (above the speed limit)
speed	189	22	Speeding (above the speed limit)
speed	190	22	Speeding (above the speed limit)
speed	191	22	Speeding (above the speed limit)
speed	340	40	Advisory speed sign
speed	341	40	Advisory speed sign
speeding	167	22	Speeding (above the speed limit)
speeding	187	22	Speeding (above the speed limit)
speeding	188	22	Speeding (above the speed limit)
speeding	189	22	Speeding (above the speed limit)
speeding	190	22	Speeding (above the speed limit)
speeding	191	22	Speeding (above the speed limit)
speed-related	167	29	Speed-related violations generally
speed-related	187	29	Speed-related violations generally
speed-related	188	29	Speed-related violations generally
speed-related	189	29	Speed-related violations generally
speed-related	190	29	Speed-related violations generally
speed-related	191	29	Speed-related violations generally
splash	181	8	Splash or spray of passing vehicle
splash	182	8	Splash or spray of passing vehicle
splash	183	8	Splash or spray of passing vehicle
spontaneously	116	4	Flammable solid, spontaneously combustib
spray	181	8	Splash or spray of passing vehicle
spray	182	8	Splash or spray of passing vehicle
spray	183	8	Splash or spray of passing vehicle
spring	178	4	Suspension - springs, shock absorbers, M
stability	140	9	Pre-crash stability unknown
stake	108	40	Cab chassis-based (includes rescue vehic
stake	160	40	Cab chassis-based (includes rescue vehic
stalled	138	2	Stalled engine

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
standard	108	31	Large/standard pickup (Jeep Pickup, Coma
standard	160	31	Large/standard pickup (Jeep Pickup, Coma
standing	335	29	Playing, working, sitting, lying, standi
standing	336	29	Playing, working, sitting, lying, standi
standing	337	29	Playing, working, sitting, lying, standi
standing	338	29	Playing, working, sitting, lying, standi
standing	339	29	Playing, working, sitting, lying, standi
station	24	29	Parking lot, open area, or another nonro
station	108	6	Station wagon (excluding van and truck b
station	160	6	Station wagon (excluding van and truck b
stationary	143	12	Stationary object
status	214	*	ALCOHOL TEST STATUS
status	218	*	DRUG TEST STATUS
statutory	20	0	No statutory limit (parking lot, alley,
statutory	45	0	No statutory limit (parking lot, alley,
statutory	148	0	No statutory limit (parking lot, alley,
stayed	141	1	Stayed in original travel lane
steering	139	6	Steering left
steering	177	3	Steering system - tie rod, kingpin, ball
steering	178	3	Steering system - tie rod, kingpin, ball
steering	179	3	Steering system - tie rod, kingpin, ball
steering	180	3	Steering system - tie rod, kingpin, ball
step	108	22	Step van or walk-in van (<=4,536 kg GVWR
step	160	22	Step van or walk-in van (< 4,536 kg GVWR
stop	19	21	Stop sign
stop	24	5	Ride out, stop sign
stop	47	21	Stop sign
stop	167	7	Hit-and-Run, fail to stop after crash
stop	171	21	Stop sign
stop	172	21	Stop sign
stop	173	21	Stop sign
stop	174	21	Stop sign
stop	187	7	Hit-and-Run, fail to stop after crash
stop	188	7	Hit-and-Run, fail to stop after crash
stop	189	7	Hit-and-Run, fail to stop after crash
stop	190	7	Hit-and-Run, fail to stop after crash
stop	191	7	Hit-and-Run, fail to stop after crash
stop	340	21	Stop sign
stop	341	21	Stop sign
straight	16	1	Straight
straight	35	1	Straight
straight	108	64	Single unit straight truck
straight	137	1	Going straight
straight	138	66	From crossing street, straight across pa
straight	143	21	Stopped, straight
straight	145	1	Straight
straight	160	64	Single unit straight truck
straight	163	1	Going straight
stratum	29	*	STRATUM
stratum	50	*	PSU STRATUM
stratum	78	*	STRATUM
stratum	156	*	STRATUM
stratum	223	*	STRATUM
stratum	323	*	STRATUM
street	24	21	Cyclist right turn, from wrong side of s
street	108	97	Other type vehicle (includes go-cart, fo
street	138	65	From crossing street, turning into same

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
street	160	97	Other type vehicle (includes go-cart, fo
stretched	108	12	Large limousine (more than four side doo
stretched	160	12	Large limousine (more than four side doo
strike	81	4	Strike another in-transport motor vehicl
striking	142	1	Striking
striking	143	86	Striking from the right
striking	168	1	Striking
striking	302	*	NMTR STRIKING VEH NUMBER
strip	14	2	Divided highway (median strip, barrier,
strip	150	2	Divided highway (median strip, barrier)
struck	24	36	Weird - the motorist or cyclist intentio
struck	81	5	Struck by an in-transport motor vehicle
struck	142	2	Struck
struck	143	87	Struck on the right
struck	168	2	Struck
structure	9	34	Bridge structure (bridge pier/abutment/p
structure	36	34	Bridge structure (pier/abutment/parapet
structure	75	134	Bridge structure (bridge pier/abutment/p
structure	135	34	Bridge structure (bridge pier/abutment/p
structure	170	34	Bridge structure (bridge pier/abutment/p
structure	181	4	Building, billboard, or other structure
structure	182	4	Building, billboard, or other structure
structure	183	4	Building, billboard, or other structure
student	108	50	School bus type (designed to carry stude
student	160	50	School bus type (designed to carry stude
style	108	39	Unknown (pickup style) light conventiona
style	160	39	Unknown (pickup style) light conventiona
submit	167	18	Refusal to submit to chemical test
submit	187	18	Refusal to submit to chemical test
submit	188	18	Refusal to submit to chemical test
submit	189	18	Refusal to submit to chemical test
submit	190	18	Refusal to submit to chemical test
submit	191	18	Refusal to submit to chemical test
substance	167	13	Driving under influence of substance not
substance	187	13	Driving under influence of substance not
substance	188	13	Driving under influence of substance not
substance	189	13	Driving under influence of substance not
substance	190	13	Driving under influence of substance not
substance	191	13	Driving under influence of substance not
suburban	108	16	Utility station wagon (Chevrolet Suburba
suburban	160	16	Utility station wagon (Chevrolet Suburba
successful	137	17	Successful corrective action/avoidance m
successful	163	17	Successful corrective action to a previo
sun	108	1	Convertible (excludes sun roof, t-bar)
sun	160	1	Convertible (excludes sun roof, t-bar)
sunday	4	1	Sunday
sunday	49	1	Sunday
sunlight	181	2	Reflected glare, bright sunlight, headli
sunlight	182	2	Reflected glare, bright sunlight, headli
sunlight	183	2	Reflected glare, bright sunlight, headli
support	9	37	Sign post, utility pole or other support
support	36	37	Post, pole or support (sign post, utilit
support	75	137	Sign post, utility pole or other support
support	135	37	Sign post, utility pole or other support
support	170	37	Post, pole or support (sign post, utilit
surface	9	7	Pavement surface irregularity (ruts, pot
surface	18	*	ROADWAY SURFACE COND

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
surface	36	7	Pavement surface irregularity (ruts, pot
surface	46	*	IMP ROADWAY SURFACE COND
surface	75	107	Pavement surface irregularity (ruts, pot
surface	135	7	Pavement surface irregularity (ruts, pot
surface	149	*	SURFACE CONDITION
surface	170	7	Pavement surface irregularity (ruts, pot
suspension	178	4	Suspension - springs, shock absorbers, M
suspension-springs	177	4	Suspension-springs, shock absorbers, Mac
suspension-springs	179	4	Suspension-springs, shock absorbers, Mac
suspension-springs	180	4	Suspension-springs, shock absorbers, Mac
swamp	108	90	ATV (all terrain vehicle including dune/
swamp	160	90	ATV (all terrain vehicle including dune/
sweeper	108	97	Other type vehicle (includes go-cart, fo
sweeper	160	97	Other type vehicle (includes go-cart, fo
swings	24	32	Cyclist swings wide
switched	207	28	Switched off
system	177	2	Brake system
system	178	2	Brake system
system	179	2	Brake system
system	180	2	Brake system
system	181	9	Inadequate defrost or defog system
system	182	9	Inadequate defrost or defog system
system	183	9	Inadequate defrost or defog system
system	206	*	OCC RESTRAINT SYSTEM USE
taken	212	*	TAKEN TO HOSP/TREATMENT
taken	312	*	TAKEN TO HOSP/TREATMENT
talking	184	5	While talking or listening to cellular p
talking	185	5	While talking or listening to cellular p
talking	186	5	While talking or listening to cellular p
talking	335	24	Inattentive (talking, eating, etc.)
talking	336	24	Inattentive (talking, eating, etc.)
talking	337	24	Inattentive (talking, eating, etc.)
talking	338	24	Inattentive (talking, eating, etc.)
talking	339	24	Inattentive (talking, eating, etc.)
tank	109	2	Cargo tank
taxi	111	1	Taxi
t-bar	108	1	Convertible (excludes sun roof, t-bar)
t-bar	160	1	Convertible (excludes sun roof, t-bar)
terrain	108	90	ATV (all terrain vehicle including dune/
terrain	160	90	ATV (all terrain vehicle including dune/
territories	154	0	Not resident of U.S. or territories
test	167	18	Refusal to submit to chemical test
test	187	18	Refusal to submit to chemical test
test	188	18	Refusal to submit to chemical test
test	189	18	Refusal to submit to chemical test
test	190	18	Refusal to submit to chemical test
test	191	18	Refusal to submit to chemical test
test	214	*	ALCOHOL TEST STATUS
test	215	*	ALCOHOL TEST TYPE
test	216	*	ALCOHOL TEST RESULT
test	218	*	DRUG TEST STATUS
test	219	*	DRUG TEST TYPE
test	220	*	DRUG TEST RESULT
test	314	*	ALCOHOL TEST GIVEN
test	315	*	ALCOHOL TEST TYPE
test	316	*	ALCOHOL TEST RESULT
test	318	*	DRUG TEST GIVEN

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
test	319	*	DRUG TEST TYPE
test	320	*	DRUG TEST RESULT
tested	214	9	Unknown if tested/ not reported
tested	215	99	Unknown if tested / not reported
tested	216	99	Unknown if tested, not reported
tested	218	9	Unknown if tested / not reported
tested	219	99	Unknown if tested / not reported
tested	220	7	Tested for drugs, result unknown
tested	314	9	Unknown if tested/ not reported
tested	315	99	Unknown if tested/ not reported
tested	316	99	Unknown if tested/ not reported
tested	318	9	Unknown if tested/ not reported
tested	319	99	Unknown if tested/ not reported
tested	320	7	Tested for drugs, result unknown
theft	167	92	Theft, unauthorized use of motor vehicle
theft	187	92	Theft, unauthorized use of motor vehicle
theft	188	92	Theft, unauthorized use of motor vehicle
theft	189	92	Theft, unauthorized use of motor vehicle
theft	190	92	Theft, unauthorized use of motor vehicle
theft	191	92	Theft, unauthorized use of motor vehicle
third	205	31	Third seat - left side
third	231	31	Third seat - left side
threat	24	7	Multiple threat
thrown	9	10	Thrown or falling object (excludes objec
thrown	36	10	Thrown or falling object (excludes objec
thrown	75	110	Thrown or falling object (excludes objec
thrown	135	10	Thrown or falling object (excludes objec
thrown	170	10	Thrown or falling object (excludes objec
thursday	4	5	Thursday
thursday	49	5	Thursday
tie	177	3	Steering system - tie rod, kingpin, ball
tie	178	3	Steering system - tie rod, kingpin, ball
tie	179	3	Steering system - tie rod, kingpin, ball
tie	180	3	Steering system - tie rod, kingpin, ball
time	5	*	CRASH TIME - HOUR
time	6	*	CRASH TIME - MINUTE
time	37	*	IMP CRASH TIME - HOUR
time	41	*	IMP CRASH TIME - MINUTE
tire	138	1	Blow out or flat tire
tire	177	1	Tires
tire	178	1	Tires
tire	179	1	Tires
tire	180	1	Tires
top	74	5	Top
top	76	5	Top
top	127	5	Top
top	128	5	Top
top	129	5	Top
top	130	5	Top
top	131	5	Top
top	132	5	Top
top	162	5	Top
totally	208	1	Totally ejected
totally	229	1	Totally ejected
tow	108	40	Cab chassis-based (includes rescue vehic
tow	160	40	Cab chassis-based (includes rescue vehic
towed	29	1	Group 1L - applies if an occupant of a t

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
towed	78	1	Group 1L - applies if an occupant of a t
towed	134	2	Towed due to disabling damage
towed	156	1	Group 1L - applies if an occupant of a t
towed	223	1	Group 1L - applies if an occupant of a t
towed	323	1	Group 1L - applies if an occupant of a t
towing	109	12	Vehicle towing another vehicle
towing	122	5	Vehicle towing another motor vehicle - f
town	108	20	Minivan (Chrysler Town & Country, Astro,
town	160	20	Minivan (Chrysler Town & Country, Astro,
tracking	140	1	Tracking
traction	143	2	Control/traction loss
traffic	9	36	Concrete traffic barrier or other longit
traffic	19	*	TRAFFIC CONTROL DEVICE
traffic	24	18	Cyclist left turn, in front of traffic
traffic	36	36	Concrete traffic barrier or other longit
traffic	47	*	IMP TRAFFIC CONTROL DEV
traffic	75	136	Concrete traffic barrier or other longit
traffic	135	36	Concrete traffic barrier or other longit
traffic	137	2	Decelerating in traffic lane
traffic	163	2	Decelerating in traffic lane
traffic	167	6	Fail to obey police, fireman, authorized
traffic	170	36	Concrete traffic barrier or other longit
traffic	171	*	TRAFFIC CONTRL DEVICE #1
traffic	172	*	TRAFFIC CONTRL DEVICE #2
traffic	173	*	TRAFFIC CONTRL DEVICE #3
traffic	174	*	TRAFFIC CONTRL DEVICE #4
traffic	187	6	Fail to obey police, fireman, authorized
traffic	188	6	Fail to obey police, fireman, authorized
traffic	189	6	Fail to obey police, fireman, authorized
traffic	190	6	Fail to obey police, fireman, authorized
traffic	191	6	Fail to obey police, fireman, authorized
traffic	335	8	Failure to obey traffic signs, traffic c
traffic	336	8	Failure to obey traffic signs, traffic c
traffic	337	8	Failure to obey traffic signs, traffic c
traffic	338	8	Failure to obey traffic signs, traffic c
traffic	339	8	Failure to obey traffic signs, traffic c
traffic	340	1	Traffic control signal (on colors)
traffic	341	1	Traffic control signal (on colors)
trafficway	13	5	Outside trafficway
trafficway	14	*	TRAFFICWAY FLOW
trafficway	125	6	Outside of trafficway
trafficway	150	*	TRAFFICWAY FLOW
trafficway	335	5	Making improper entry to or exit from tr
trafficway	336	5	Making improper entry to or exit from tr
trafficway	337	5	Making improper entry to or exit from tr
trafficway	338	5	Making improper entry to or exit from tr
trafficway	339	5	Making improper entry to or exit from tr
trailer	177	15	Trailer hitch
trailer	178	15	Trailer hitch
trailer	179	15	Trailer hitch
trailer	180	15	Trailer hitch
trailing	108	66	Truck-tractor (cab only, or with any num
trailing	122	*	VEHICLE TRAILING
trailing	160	66	Truck-tractor (cab only, or with any num
trailing	205	54	Trailing unit
trailing	231	54	Trailing unit
train	9	23	Railway train

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
train	36	23	Railway train
train	75	123	Railway train
train	135	23	Railway train
train	170	23	Railway train
train	177	5	Power train - universal joint, drive sha
train	178	5	Power train - universal joint, drive sha
train	179	5	Power train - universal joint, drive sha
train	180	5	Power train - universal joint, drive sha
training	24	40	Play vehicle (Big Wheel, other tricycle
transit	108	50	School bus type (designed to carry stude
transit	160	50	School bus type (designed to carry stude
transmission	177	5	Power train - universal joint, drive sha
transmission	178	5	Power train - universal joint, drive sha
transmission	179	5	Power train - universal joint, drive sha
transmission	180	5	Power train - universal joint, drive sha
transport	9	25	Motor vehicle in transport
transport	10	0	Not collision with motor vehicle in tran
transport	36	25	Motor vehicle in transport
transport	39	0	Not collision with motor vehicle in tran
transport	75	125	Motor vehicle in transport
transport	76	98	Not a motor vehicle in transport
transport	135	25	Motor vehicle in transport
transport	170	25	Motor vehicle in transport
transport	204	1	Driver of motor vehicle in transport
transport	304	3	Occupant of a motor vehicle not in trans
transport	321	0	Not applicable - driver or occupant of M
transported	29	5	Group 1M - applies if the NASS crash doe
transported	78	5	Group 1M - applies if the NASS crash doe
transported	156	5	Group 1M - applies if the NASS crash doe
transported	223	5	Group 1M - applies if the NASS crash doe
transported	323	5	Group 1M - applies if the NASS crash doe
transporter	109	6	Auto transporter
trapped	24	6	Trapped
travel	15	*	NUMBER OF TRAVEL LANES
travel	121	*	TRAVEL SPEED
travel	137	7	Disabled or parked in travel lane
travel	138	10	Over the lane line on left side of trave
travel	141	1	Stayed in original travel lane
travel	146	*	NUMBER OF TRAVEL LANES
travel	163	7	Disabled or parked in travel lane
traveling	138	6	Traveling too fast for conditions (exces
treatment	212	*	TAKEN TO HOSP/TREATMENT
treatment	312	*	TAKEN TO HOSP/TREATMENT
tree	9	45	Tree
tree	36	45	Tree
tree	75	145	Tree
tree	135	45	Tree
tree	170	45	Tree
tree	181	5	Trees, crops, vegetation
tree	182	5	Trees, crops, vegetation
tree	183	5	Trees, crops, vegetation
tricycle	24	40	Play vehicle (Big Wheel, other tricycle
tripped	124	1	Rollover, tripped by object/vehicle
truck	108	6	Station wagon (excluding van and truck b
truck	111	7	Fire truck
truck	160	6	Station wagon (excluding van and truck b
truck	167	63	Certain traffic to use right lane (truck

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
truck	187	63	Certain traffic to use right lane (truck
truck	188	63	Certain traffic to use right lane (truck
truck	189	63	Certain traffic to use right lane (truck
truck	190	63	Certain traffic to use right lane (truck
truck	191	63	Certain traffic to use right lane (truck
truck	205	50	Sleeper section of cab (truck)
truck	231	50	Sleeper section of cab (truck)
truck-based	108	41	Truck-based panel
truck-based	160	41	Truck-based panel
truck-tractor	108	66	Truck-tractor (cab only, or with any num
truck-tractor	160	66	Truck-tractor (cab only, or with any num
tuesday	4	3	Tuesday
tuesday	49	3	Tuesday
turn	13	9	Continuous left turn lane
turn	24	18	Cyclist left turn, in front of traffic
turn	143	76	Turn into same direction (turning left)
turn	167	41	Turn in violation of traffic control
turn	187	41	Turn in violation of traffic control
turn	188	41	Turn in violation of traffic control
turn	189	41	Turn in violation of traffic control
turn	190	41	Turn in violation of traffic control
turn	191	41	Turn in violation of traffic control
turn	335	9	Making other improper turn
turn	336	9	Making other improper turns
turn	337	9	Making other improper turns
turn	338	9	Making other improper turns
turn	339	9	Making other improper turns
turn-on-red	167	33	Violation of turn-on-red (fail to stop &
turn-on-red	187	33	Violation of turn-on-red (fail to stop &
turn-on-red	188	33	Violation of turn-on-red (fail to stop &
turn-on-red	189	33	Violation of turn-on-red (fail to stop &
turn-on-red	190	33	Violation of turn-on-red (fail to stop &
turn-on-red	191	33	Violation of turn-on-red (fail to stop &
two-way	150	0	Not physically divided (center two-way l
type	9	27	Other type nonmotorist (includes motoriz
type	33	4	Work zone, type unknown
type	36	27	Other type nonmotorist (includes motoriz
type	75	127	Other type nonmotorist
type	108	*	BODY TYPE
type	109	*	CARGO BODY TYPE
type	124	9	Rollover, unknown type
type	135	27	Other type nonmotorist (includes motoriz
type	143	*	ACCIDENT TYPE
type	160	*	IMPUTED BODY TYPE
type	170	27	Other type nonmotorist (includes motoriz
type	204	*	OCCUPANT TYPE
type	215	*	ALCOHOL TEST TYPE
type	219	*	DRUG TEST TYPE
type	304	*	NONMOTORIST TYPE
type	315	*	ALCOHOL TEST TYPE
type	319	*	DRUG TEST TYPE
unauthorized	167	92	Theft, unauthorized use of motor vehicle
unauthorized	187	92	Theft, unauthorized use of motor vehicle
unauthorized	188	92	Theft, unauthorized use of motor vehicle
unauthorized	189	92	Theft, unauthorized use of motor vehicle
unauthorized	190	92	Theft, unauthorized use of motor vehicle
unauthorized	191	92	Theft, unauthorized use of motor vehicle

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
uncontrolled	24	25	Uncontrolled intersection, other
undercarriage	74	6	Undercarriage
undercarriage	76	6	Undercarriage
undercarriage	127	6	Undercarriage
undercarriage	128	6	Undercarriage
undercarriage	129	6	Undercarriage
undercarriage	130	6	Undercarriage
undercarriage	131	6	Undercarriage
undercarriage	132	6	Undercarriage
undercarriage	162	6	Undercarriage
undetected	24	13	Motorist overtakes undetected cyclist
unenclosed	205	52	Other passenger in unenclosed passenger
unenclosed	231	52	Other passenger in unenclosed passenger
uninsured	187	76	Driving uninsured vehicle
uninsured	188	76	Driving uninsured vehicle
uninsured	189	76	Driving uninsured vehicle
uninsured	190	76	Driving uninsured vehicle
uninsured	191	76	Driving uninsured vehicle
universal	177	5	Power train - universal joint, drive sha
universal	178	5	Power train - universal joint, drive sha
universal	179	5	Power train - universal joint, drive sha
universal	180	5	Power train - universal joint, drive sha
unsafe	167	3	Unsafe reckless (not willful, wanton rec
unsafe	187	3	Unsafe reckless (not willful, wanton rec
unsafe	188	3	Unsafe reckless (not willful, wanton rec
unsafe	189	3	Unsafe reckless (not willful, wanton rec
unsafe	190	3	Unsafe reckless (not willful, wanton rec
unsafe	191	3	Unsafe reckless (not willful, wanton rec
untripped	124	2	Untripped rollover
urine	215	3	Urine
urine	219	2	Urine
urine	315	3	Urine
urine	319	2	Urine
using	184	9	While using other device/controls integr
using	185	9	While using other device/controls integr
using	186	9	While using other device/controls integr
utility	9	37	Sign post, utility pole or other support
utility	33	3	Utility
utility	36	37	Post, pole or support (sign post, utilit
utility	75	137	Sign post, utility pole or other support
utility	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
utility	135	37	Sign post, utility pole or other support
utility	160	14	Compact utility (Jeep CJ2-CJ7, Scrambler
utility	170	37	Post, pole or support (sign post, utilit
u-turn	137	12	Making a U-turn
u-turn	163	12	Making a U-turn
value	216	98	Positive reading with no actual value
value	316	98	Positive reading with no actual value
van	108	6	Station wagon (excluding van and truck b
van	109	1	Van/enclosed box
van	160	6	Station wagon (excluding van and truck b
van-based	108	23	Van-based motorhome
van-based	160	23	Van-based motorhome
vegetation	181	5	Trees, crops, vegetation
vegetation	182	5	Trees, crops, vegetation
vegetation	183	5	Trees, crops, vegetation
vendor	24	130	Ice cream vendor

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
vin	110	*	VIN
violate	167	36	Violate RR grade crossing device /regula
violate	187	36	Violate RR grade crossing device /regula
violate	188	36	Violate RR grade crossing device /regula
violate	189	36	Violate RR grade crossing device /regula
violate	190	36	Violate RR grade crossing device /regula
violate	191	36	Violate RR grade crossing device /regula
violation	24	760	Intersection, driver violation
violation	167	*	IMP VIOLATIONS CHARGED
violation	187	*	DRIVER VIOLATIONS CHGD#1
violation	188	*	DRIVER VIOLATIONS CHGD#2
violation	189	*	DRIVER VIOLATIONS CHGD#3
violation	190	*	DRIVER VIOLATIONS CHGD#4
violation	191	*	DRIVER VIOLATIONS CHGD#5
vision	181	*	DRV VISION OBSCURED BY#1
vision	182	*	VISION OBSCURED BY #2
vision	183	*	VISION OBSCURED BY #3
visual	181	98	Other visual obstruction
visual	182	98	Other visual obstruction
visual	183	98	Other visual obstruction
wagon	108	6	Station wagon (excluding van and truck b
wagon	160	6	Station wagon (excluding van and truck b
waiting	24	610	Pedestrian waiting to cross at/near curb
walked	24	750	Pedestrian walked into vehicle - at inte
walk-in	108	22	Step van or walk-in van (<=4,536 kg GVWR
walk-in	160	22	Step van or walk-in van (< 4,536 kg GVWR
walking	24	310	Walking to or from disabled vehicle
walking	335	27	Walking with traffic
walking	336	27	Walking with traffic
walking	337	27	Walking with traffic
walking	338	27	Walking with traffic
walking	339	27	Walking with traffic
wall	9	42	Wall
wall	36	42	Wall
wall	75	142	Wall
wall	135	42	Wall
wall	170	42	Wall
wanton	167	3	Unsafe reckless (not willful, wanton rec
wanton	187	3	Unsafe reckless (not willful, wanton rec
wanton	188	3	Unsafe reckless (not willful, wanton rec
wanton	189	3	Unsafe reckless (not willful, wanton rec
wanton	190	3	Unsafe reckless (not willful, wanton rec
wanton	191	3	Unsafe reckless (not willful, wanton rec
warning	19	41	Warning sign for road conditions (hill,
warning	47	41	Warning sign for road conditions (hill,
warning	171	41	Warning sign for road conditions (hill,
warning	172	41	Warning sign for road conditions (hill,
warning	173	41	Warning sign for road conditions (hill,
warning	174	41	Warning sign for road conditions (hill,
warning	340	41	Warning sign for road conditions (hill,
warning	341	41	Warning sign for road conditions (hill,
way	14	1	Not physically divided (two way trafficw
way	24	26	Wrong way cyclist
way	150	3	One way trafficway
way	167	51	Driving wrong way on one-way road
way	187	51	Driving wrong way on one-way road
way	188	51	Driving wrong way on one-way road

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
way	189	51	Driving wrong way on one-way road
way	190	51	Driving wrong way on one-way road
way	191	51	Driving wrong way on one-way road
way	335	7	Failure to yield right of way
way	336	7	Failure to yield right of way
way	337	7	Failure to yield right of way
way	338	7	Failure to yield right of way
way	339	7	Failure to yield right of way
wednesday	4	4	Wednesday
wednesday	49	4	Wednesday
week	4	*	CRASH DAY OF WEEK
week	49	*	IMP CRASH DAY OF WEEK
weight	32	*	WEIGHT
weight	82	*	WEIGHT
weight	108	66	Truck-tractor (cab only, or with any num
weight	159	*	WEIGHT
weight	160	66	Truck-tractor (cab only, or with any num
weight	167	86	Size, weight, load violations
weight	187	86	Size, weight, load violations
weight	188	86	Size, weight, load violations
weight	189	86	Size, weight, load violations
weight	190	86	Size, weight, load violations
weight	191	86	Size, weight, load violations
weight	226	*	WEIGHT
weight	326	*	WEIGHT
weird	24	36	Weird - the motorist or cyclist intentio
wet	18	2	Wet
wet	46	2	Wet
wet	116	4	Flammable solid, spontaneously combustib
wet	149	2	Wet
wheel	24	40	Play vehicle (Big Wheel, other tricycle
wheel	138	3	Disabling vehicle failure (e.g. wheel fe
wheel	177	11	Wheels
wheel	178	11	Wheels
wheel	179	11	Wheels
wheel	180	11	Wheels
wheelchair	24	1220	Wheelchair: Backing vehicle
wheelchair	160	97	Other type vehicle (includes go-cart, fo
wheelchair	233	4	Paraplegic or restricted to wheelchair
wheelchair	234	4	Paraplegic or restricted to wheelchair
wheelchair	235	4	Paraplegic or restricted to wheelchair
wheelchair	333	4	Paraplegic or restricted to wheelchair
wheelchair	334	4	Paraplegic or restricted to wheelchair
wheelchairs	9	27	Other type nonmotorist (includes motoriz
wheelchairs	36	27	Other type nonmotorist (includes motoriz
wheelchairs	135	27	Other type nonmotorist (includes motoriz
wheelchairs	170	27	Other type nonmotorist (includes motoriz
wheeled	108	13	Three wheeled automobile or automobile d
wheeled	160	13	Three wheeled automobile or automobile d
wide	24	32	Cyclist swings wide
wide	167	42	Improper method & position of turn (too
wide	187	42	Improper method & position of turn (too
wide	188	42	Improper method & position of turn (too
wide	189	42	Improper method & position of turn (too
wide	190	42	Improper method & position of turn (too
wide	191	42	Improper method & position of turn (too
willful	167	2	Willful reckless driving, driving to end

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
willful	187	2	Willful reckless driving, driving to end
willful	188	2	Willful reckless driving, driving to end
willful	189	2	Willful reckless driving, driving to end
willful	190	2	Willful reckless driving, driving to end
willful	191	2	Willful reckless driving, driving to end
wind	19	43	Warning sign for environment/traffic (fo
wind	47	43	Warning sign for environment/traffic (fo
wind	171	43	Warning sign for environment/traffic (fo
wind	172	43	Warning sign for environment/traffic (fo
wind	173	43	Warning sign for environment/traffic (fo
wind	174	43	Warning sign for environment/traffic (fo
wind	340	43	Warning sign for environment/traffic (fo
wind	341	43	Warning sign for environment/traffic (fo
windshield	181	13	Broken or improperly cleaned windshield
windshield	182	13	Broken or improperly cleaned windshield
windshield	183	13	Broken or improperly cleaned windshield
wiper	177	10	Wipers
wiper	178	10	Wipers
wiper	179	10	Wipers
wiper	180	10	Wipers
withdrawn	167	71	Driving while license withdrawn (includi
withdrawn	187	71	Driving while license withdrawn (includi
withdrawn	188	71	Driving while license withdrawn (includi
withdrawn	189	71	Driving while license withdrawn (includi
withdrawn	190	71	Driving while license withdrawn (includi
withdrawn	191	71	Driving while license withdrawn (includi
work	33	*	WORK ZONE
work	167	71	Driving while license withdrawn (includi
work	187	71	Driving while license withdrawn (includi
work	188	71	Driving while license withdrawn (includi
work	189	71	Driving while license withdrawn (includi
work	190	71	Driving while license withdrawn (includi
work	191	71	Driving while license withdrawn (includi
working	24	410	Working on roadway
working	51	1	1 parked/working vehicle
working	181	7	Not in-transport motor vehicle (parked,
working	182	7	Not in-transport motor vehicle (parked,
working	183	7	Not in-transport motor vehicle (parked,
working	304	7	Person in or on a working vehicle
working	335	29	Playing, working, sitting, lying, standi
working	336	29	Playing, working, sitting, lying, standi
working	337	29	Playing, working, sitting, lying, standi
working	338	29	Playing, working, sitting, lying, standi
working	339	29	Playing, working, sitting, lying, standi
wrong	24	21	Cyclist right turn, from wrong side of s
wrong	167	42	Improper method & position of turn (too
wrong	187	42	Improper method & position of turn (too
wrong	188	42	Improper method & position of turn (too
wrong	189	42	Improper method & position of turn (too
wrong	190	42	Improper method & position of turn (too
wrong	191	42	Improper method & position of turn (too
wrong	335	10	Driving on wrong side of road
wrong	336	10	Driving on wrong side of road
wrong	337	10	Driving on wrong side of road
wrong	338	10	Driving on wrong side of road
wrong	339	10	Driving on wrong side of road
year	3	*	CRASH DATE - YEAR

GES 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
year	107	*	MODEL YEAR
year	164	*	IMPUTED MODEL YEAR
year	209	0	Less than one year old
year	227	0	Less than one year old
year	309	0	Less than 1 year old
year	327	0	Less than one year old
yellow	167	34	Fail to obey flashing signal (yellow or
yellow	187	34	Fail to obey flashing signal (yellow or
yellow	188	34	Fail to obey flashing signal (yellow or
yellow	189	34	Fail to obey flashing signal (yellow or
yellow	190	34	Fail to obey flashing signal (yellow or
yellow	191	34	Fail to obey flashing signal (yellow or
yield	19	22	Yield sign
yield	47	22	Yield sign
yield	167	33	Violation of turn-on-red (fail to stop &
yield	171	22	Yield sign
yield	172	22	Yield sign
yield	173	22	Yield sign
yield	174	22	Yield sign
yield	187	33	Violation of turn-on-red (fail to stop &
yield	188	33	Violation of turn-on-red (fail to stop &
yield	189	33	Violation of turn-on-red (fail to stop &
yield	190	33	Violation of turn-on-red (fail to stop &
yield	191	33	Violation of turn-on-red (fail to stop &
yield	335	7	Failure to yield right of way
yield	336	7	Failure to yield right of way
yield	337	7	Failure to yield right of way
yield	338	7	Failure to yield right of way
yield	339	7	Failure to yield right of way
yield	340	22	Yield sign
yield	341	22	Yield sign
zip	154	*	DRIVERS ZIP CODE
zone	19	23	School zone related sign
zone	33	*	WORK ZONE
zone	47	23	School zone related sign
zone	171	23	School zone related sign
zone	172	23	School zone related sign
zone	173	23	School zone related sign
zone	174	23	School zone related sign
zone	335	8	Failure to obey traffic signs, traffic c
zone	336	8	Failure to obey traffic signs, traffic c
zone	337	8	Failure to obey traffic signs, traffic c
zone	338	8	Failure to obey traffic signs, traffic c
zone	339	8	Failure to obey traffic signs, traffic c
zone	340	23	School zone related sign
zone	341	23	School zone related sign

GES

APPENDIX

Code Values for Variable 143

"Accident Type"

Category	Configuration	ACCIDENT TYPES (Includes Intent)					
I. Single Driver	A. Right Roadside Departure	01 DRIVE OFF ROAD	02 CONTROL/ TRACTION LOSS	03 AVOID COLLISION WITH VEH., PED., ANIM.	04 SPECIFICS OTHER	05 SPECIFICS UNKNOWN	
	B. Left Roadside Departure	05 DRIVE OFF ROAD	07 CONTROL/ TRACTION LOSS	08 AVOID COLLISION WITH VEH., PED., ANIM.	09 SPECIFICS OTHER	10 SPECIFICS UNKNOWN	
	C. Forward Impact	11 PARKED VEHICLE	12 STATIONARY OBJECT	13 PEDESTRIAN/ ANIMAL	14 END DEPARTURE	15 SPECIFICS OTHER	16 SPECIFICS UNKNOWN
II. Same Trafficway Same Direction	D. Rear-End	20, 21, 22, 23 STOPPED	24, 25, 26, 27 SLOWER	28, 29, 30, 31 DECELERATING	(EACH - 32) SPECIFICS OTHER	(EACH - 33) SPECIFICS UNKNOWN	
	E. Forward Impact	34, 35 CONTROL/ TRACTION LOSS	36, 37 CONTROL/ TRACTION LOSS	38, 39 AVOID COLLISION WITH VEHICLE	40, 41 AVOID COLLISION WITH OBJECT	(EACH - 42) SPECIFICS OTHER	(EACH - 43) SPECIFICS UNKNOWN
	F. Sideswipe Angle	44, 45, 46, 47				(EACH - 48) SPECIFICS OTHER	(EACH - 49) SPECIFICS UNKNOWN
III. Same Trafficway Opposite Direction	G. Head-On	50, 51 LATERAL MOVE			(EACH - 52) SPECIFICS OTHER	(EACH - 53) SPECIFICS UNKNOWN	
	H. Forward Impact	54, 55 CONTROL/ TRACTION LOSS	56, 57 CONTROL/ TRACTION LOSS	58, 59 AVOID COLLISION WITH VEHICLE	60, 61 AVOID COLLISION WITH OBJECT	(EACH - 62) SPECIFICS OTHER	(EACH - 63) SPECIFICS UNKNOWN
	I. Sideswipe/ Angle	64, 65 LATERAL MOVE				(EACH - 66) SPECIFICS OTHER	(EACH - 67) SPECIFICS UNKNOWN
IV. Change Trafficway Vehicle Turning	J. Turn Across Path	68, 69 INITIAL OPPOSITE DIRECTIONS	70, 71, 72 INITIAL SAME DIRECTION		(EACH - 74) SPECIFICS OTHER	(EACH - 75) SPECIFICS UNKNOWN	
	K. Turn Into Path	76, 77, 78, 79 TURN INTO SAME DIRECTION	80, 81, 82, 83 TURN INTO OPPOSITE DIRECTIONS		(EACH - 84) SPECIFICS OTHER	(EACH - 85) SPECIFICS UNKNOWN	
V. Intersecting Paths (Vehicle Damage)	L. Straight Paths	86, 87	88, 89		(EACH - 90) SPECIFICS OTHER	(EACH - 91) SPECIFICS UNKNOWN	
VI. Miscellaneous	M. Backing Etc.	92, 93 BACKING VEHICLE			98 OTHER ACCIDENT TYPE 99 UNKNOWN ACCIDENT TYPE 00 NO IMPACT		

