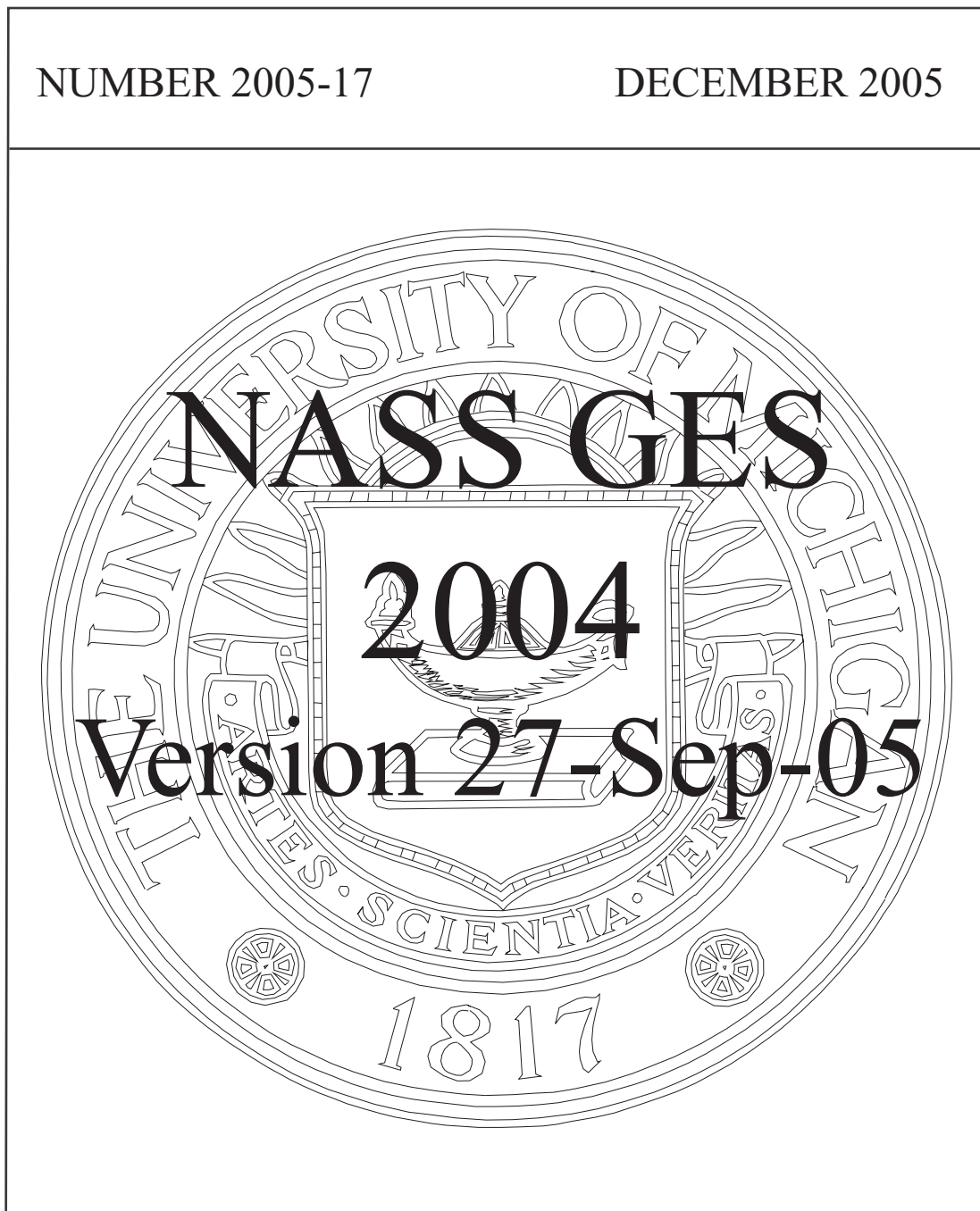


Transportation Data Center
Data Set Codebook

NUMBER 2005-17

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The University of Michigan
Transportation Research Institute

NASS General Estimates Systems (GES)

2004 Codebook - Version 27Sep05

Introduction

This codebook documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 2004. 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 made on September 27, 2005.

The data are a sample of the 2004 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 three 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 - 2004 File.

In the 2004 GES file there are 294 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.

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	GES04ACC	60,974	1-50, 71-82
Vehicle	GES04VEH	108,413	1-50, 71-82, 101-189
Occupant	GES04OCC	153,428	1-50, 71-82, 101-189, 201-228
Nonmotorist	GES04NMT	3,715	1-50, 71-82, 101-189, 201-228, 301-337

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 GES04VEH, nonmotorist frequencies from GES04NMT, 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 30, 78, 154, 217, 317), groupings of Police Accident Reports (PARs) at the PSU, are defined as:

Group 1L - applies 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. No medium or heavy trucks may be involved.

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. No medium or heavy trucks may be involved.

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.

For more information about our full line of services, please visit our website: <http://www.umtri.umich.edu/tdc/>. The most current TDC codebooks are available there in PDF format and codebooks can now be ordered online.

General Estimates System (GES)
2004 - Accident

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

General Estimates System (GES)
2004 - Crash Event

Variable Number	Variable Name	Width	Storage Type	Page Number
71	CASE NUMBER	12	Alphabetic	29
72	EVENT SEQUENCE NUMBER	2	Numeric	29
73	VEHICLE NUMBER	2	Numeric	29
74	GEN AREA DAMAGE-THIS VEH	2	Numeric	30
75	VEH #-OTH VEH/OBJ CONTAC	3	Numeric	30
76	GEN AREA OF DAM-OTH VEH	2	Numeric	31
77	POLICE JURISDICTION	3	Numeric	32
78	STRATUM	1	Numeric	32
79	PSU NUMBER	2	Numeric	33
80	REGION OF COUNTRY	1	Numeric	33
81	ACTION FOR THIS EVENT	1	Numeric	34
82	WEIGHT	7	Numeric	34

General Estimates System (GES)
2004 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE NUMBER	12	Alphabetic	35
102	VEHICLE NUMBER	2	Numeric	35
103	DRIVER PRESENCE	1	Numeric	35
104	HIT-AND-RUN	1	Numeric	36
105	MAKE	2	Numeric	36
106	MAKE/MODEL	5	Numeric	38
107	MODEL YEAR	4	Numeric	66
108	BODY TYPE	2	Numeric	67
109	CARGO BODY TYPE	2	Numeric	69
110	NO OF AXLES ON VEH/TRAIL	2	Numeric	70
111	VIN	11	Alphabetic	70
112	SPECIAL USE	2	Numeric	70
113	HAZ MATERIAL PLACARD NO	5	Numeric	71
114	HAZ MATERIALS PLACARDED	1	Numeric	71
115	HAZ MATERIALS RELEASE	1	Numeric	71
116	EMERGENCY USE	1	Numeric	72
117	CARRIER'S ID NUMBER	9	Numeric	72
118	NUM OCC INVOLVED IN VEH	2	Numeric	72
119	NUMBER OF OCCUPANTS	2	Numeric	73
120	TRAVEL SPEED	3	Numeric	73
121	VEHICLE TRAILERING	1	Numeric	73
122	JACKKNIFE	1	Numeric	73
123	ROLLOVER	2	Numeric	74
124	FIRE OCCURRENCE	1	Numeric	74
125	INITIAL POINT OF IMPACT	2	Numeric	74
126	DAMAGE AREA #1	1	Numeric	75
127	DAMAGE AREA #2	1	Numeric	75
128	DAMAGE AREA #3	1	Numeric	76
129	DAMAGE AREA #4	1	Numeric	76
130	DAMAGE AREA #5	1	Numeric	76
131	DAMAGE SEVERITY	1	Numeric	77
132	MANNER OF LEAVING SCENE	1	Numeric	77
133	MOST HARMFUL EVENT	2	Numeric	77
134	MHE EVENT NUMBER	2	Numeric	78
135	PRIOR TO CRITICAL EVENT	2	Numeric	79
136	CRITICAL EVENT	3	Numeric	79
137	CORRECTIVE ACTION ATTEMP	2	Numeric	81
138	PRECRASH VEHICLE CONTROL	2	Numeric	82
139	PRECRASH LOCATION	2	Numeric	82
140	VEHICLE ROLE	1	Numeric	83
141	ACCIDENT TYPE	2	Numeric	83
142	SPEED RELATED	1	Numeric	83
143	ROADWAY ALIGNMENT	1	Numeric	84
144	NUMBER OF TRAVEL LANES	1	Numeric	84
145	ROADWAY PROFILE	1	Numeric	84
146	SPEED LIMIT	2	Numeric	85
147	SURFACE CONDITION	1	Numeric	85
148	TRAFFICWAY FLOW	1	Numeric	85
149	MAX INJ SEVERITY IN VEH	1	Numeric	86
150	NUMBER INJURED IN VEH	2	Numeric	86

General Estimates System (GES)
2004 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	DRIVER DRINKING IN VEH	1	Numeric	86
152	DRIVERS ZIP CODE	5	Numeric	87
153	POLICE JURISDICTION	3	Numeric	87
154	STRATUM	1	Numeric	87
155	PSU NUMBER	2	Numeric	88
156	REGION OF COUNTRY	1	Numeric	88
157	WEIGHT	7	Numeric	88
158	IMPUTED BODY TYPE	2	Numeric	89
159	IMPUTED HIT-AND-RUN	1	Numeric	91
160	IMP INIT POINT OF IMPACT	2	Numeric	91
161	IMP PRIOR TO CRIT EVENT	2	Numeric	92
162	IMPUTED MODEL YEAR	4	Numeric	92
163	IMP MAX INJ SEV IN VEH	1	Numeric	93
164	IMP NUM INJURED IN VEH	2	Numeric	93
165	IMP VIOLATIONS CHARGED	2	Numeric	93
166	IMPUTED VEHICLE ROLE	1	Numeric	94
167	IMP ALC INVOLVED IN VEH	1	Numeric	94
168	IMP MOST HARMFUL EVENT	2	Numeric	95
169	TRAFFIC CONTRL DEVICE #1	2	Numeric	96
170	TRAFFIC CONTRL DEVICE #2	2	Numeric	97
171	TRAFFIC CONTRL DEVICE #3	2	Numeric	98
172	TRAFFIC CONTRL DEVICE #4	2	Numeric	99
173	DRVR MANEUVER TO AVOID#1	2	Numeric	100
174	DRVR MANEUVER TO AVOID#2	2	Numeric	100
175	VEHICLE CONTRIB FACTOR#1	2	Numeric	101
176	VEHICLE CONTRIB FACTOR#2	2	Numeric	101
177	VEHICLE CONTRIB FACTOR#3	2	Numeric	102
178	VEHICLE CONTRIB FACTOR#4	2	Numeric	102
179	VISION OBSCURED BY #1	2	Numeric	103
180	VISION OBSCURED BY #2	2	Numeric	104
181	VISION OBSCURED BY #3	2	Numeric	104
182	DRIVER DISTRACTED BY #1	2	Numeric	105
183	DRIVER DISTRACTED BY #2	2	Numeric	106
184	DRIVER DISTRACTED BY #3	2	Numeric	106
185	DRVR VIOLATNS CHARGED #1	2	Numeric	107
186	DRVR VIOLATNS CHARGED #2	2	Numeric	108
187	DRVR VIOLATNS CHARGED #3	2	Numeric	108
188	DRVR VIOLATNS CHARGED #4	2	Numeric	109
189	DRVR VIOLATNS CHARGED #5	2	Numeric	109

General Estimates System (GES)
2004 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	12	Alphabetic	111
202	VEHICLE NUMBER	2	Numeric	111
203	OCCUPANT NUMBER	2	Numeric	111
204	OCCUPANT TYPE	1	Numeric	112
205	OCC SEATING POSITION	2	Numeric	112
206	OCC RESTRAINT SYSTEM USE	1	Numeric	113
207	AIRBAG AVAIL/FUNCTION	1	Numeric	113
208	OCCUPANT EJECTION	1	Numeric	113
209	OCCUPANT AGE	3	Numeric	114
210	OCCUPANT SEX	1	Numeric	114
211	OCC INJURY SEVERITY	1	Numeric	114
212	TAKEN TO HOSP/TREATMENT	1	Numeric	115
213	PAR ALCOHOL INVOLVEMENT	1	Numeric	115
214	PAR DRUG INVOLVEMENT	1	Numeric	115
215	FILLER	2	Numeric	116
216	POLICE JURISDICTION	3	Numeric	116
217	STRATUM	1	Numeric	116
218	PSU NUMBER	2	Numeric	117
219	REGION OF COUNTRY	1	Numeric	117
220	WEIGHT	7	Numeric	117
221	IMPUTED OCCUPANT AGE	3	Numeric	118
222	IMP PAR ALC INVOLVEMENT	1	Numeric	118
223	IMPUT OCCUPANT EJECTION	1	Numeric	118
224	IMP OCC INJURY SEVERITY	1	Numeric	119
225	IMP OCC SEATING POSITION	2	Numeric	119
226	IMPUTED OCCUPANT SEX	1	Numeric	120
227	PHYSICAL IMPAIRMENT #1	2	Numeric	120
228	PHYSICAL IMPAIRMENT #2	2	Numeric	121

General Estimates System (GES)
2004 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	12	Alphabetic	123
302	VEH STRIKING NUMBER NMTR	2	Numeric	123
303	NONMOTORIST NUMBER	2	Numeric	123
304	NONMOTORIST TYPE	1	Numeric	124
305	FILLER	2	Numeric	124
306	FILLER	1	Numeric	124
307	FILLER	1	Numeric	124
308	FILLER	1	Numeric	124
309	NONMOTORIST AGE	3	Numeric	124
310	NONMOTORIST SEX	1	Numeric	125
311	NMTR INJURY SEVERITY	1	Numeric	125
312	TAKEN TO HOSP/TREATMENT	1	Numeric	125
313	PAR ALCOHOL INVOLVEMENT	1	Numeric	125
314	PAR DRUG INVOLVEMENT	1	Numeric	126
315	NMTR LOCATION	2	Numeric	126
316	POLICE JURISDICTION	3	Numeric	127
317	STRATUM	1	Numeric	127
318	PSU NUMBER	2	Numeric	128
319	REGION OF COUNTRY	1	Numeric	128
320	WEIGHT	7	Numeric	128
321	IMPUTED NONMOTORIST AGE	3	Numeric	128
322	IMP PAR ALC INVOLVEMENT	1	Numeric	129
323	FILLER	1	Numeric	129
324	IMP NMTR INJURY SEVERITY	1	Numeric	129
325	FILLER	2	Numeric	129
326	IMPUTED NONMOTORIST SEX	1	Numeric	129
327	PHYSICAL IMPAIRMENT #1	2	Numeric	130
328	PHYSICAL IMPAIRMENT #2	2	Numeric	130
329	NONMOTORIST ACTION #1	2	Numeric	131
330	NONMOTORIST ACTION #2	2	Numeric	132
331	NONMOTORIST ACTION #3	2	Numeric	132
332	NONMOTORIST ACTION #4	2	Numeric	133
333	NONMOTORIST ACTION #5	2	Numeric	134
334	BICYCL TRAF CNTRL DEVC#1	2	Numeric	135
335	BICYCL TRAF CNTRL DEVC#2	2	Numeric	136
336	SAFETY EQUIPMENT USED #1	2	Numeric	137
337	SAFETY EQUIPMENT USED #2	2	Numeric	137

The ACCIDENT Variables

Variables 1 through 50 describe the accident. 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	ACCIDENT DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MONTH

27Sep05 Prcnt	Code Value and Description		
5235	8.6	1	January
4618	7.6	2	February
4922	8.1	3	March
4742	7.8	4	April
5163	8.5	5	May
5027	8.2	6	June
5138	8.4	7	July
5101	8.4	8	August
5034	8.3	9	September
5264	8.6	10	October
5185	8.5	11	November
5545	9.1	12	December

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

NHTSA SAS Variable - YEAR

27Sep05 Prcnt	Code Value and Description		
60974	100.0	2004	2004

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

NHTSA SAS Variable - WEEKDAY

27Sep05	Prcnt	Code	Value and Description
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6612	10.8	1	Sunday
8978	14.7	2	Monday
8932	14.6	3	Tuesday
8967	14.7	4	Wednesday
8866	14.5	5	Thursday
10390	17.0	6	Friday
8229	13.5	7	Saturday

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

NHTSA SAS Variable - HOUR

Crash time - hour

27Sep05	Prcnt	Code	Value and Description
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1234	2.0	0	12:01 am - 12:59 am
1137	1.9	1	1:00 am - 1:59 am
1118	1.8	2	2:00 am - 2:59 am
862	1.4	3	3:00 am - 3:59 am
719	1.2	4	4:00 am - 4:59 am
922	1.5	5	5:00 am - 5:59 am
1667	2.7	6	6:00 am - 6:59 am
3116	5.1	7	7:00 am - 7:59 am
2963	4.9	8	8:00 am - 8:59 am
2487	4.1	9	9:00 am - 9:59 am
2642	4.3	10	10:00 am - 10:59 am
3104	5.1	11	11:00 am - 11:59 am
3571	5.9	12	12:00 pm - 12:59 pm
3505	5.7	13	1:00 pm - 1:59 pm
3984	6.5	14	2:00 pm - 2:59 pm
4658	7.6	15	3:00 pm - 3:59 pm
4560	7.5	16	4:00 pm - 4:59 pm
4589	7.5	17	5:00 pm - 5:59 pm
3569	5.9	18	6:00 pm - 6:59 pm
2678	4.4	19	7:00 pm - 7:59 pm
2158	3.5	20	8:00 pm - 8:59 pm
2104	3.5	21	9:00 pm - 9:59 pm
1837	3.0	22	10:00 pm - 10:59 pm
1506	2.5	23	11:00 pm - 11:59 pm
35	0.1	24	12:00 Midnight
249	0.4	99	Unknown

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

NHTSA SAS Variable - MINUTE

Crash time - minute

27Sep05	Prcnt	Code	Value and Description
4728	7.8	0	- Minute
569	0.9	59	
250	0.4	99	Unknown

Variable 7	NUM VEH INVOLVED IN ACC	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH_INVL

Number of vehicles involved

27Sep05	Prcnt	Code	Value and Description
20504	33.6	1	1 vehicle involved
35038	57.5	2	2 vehicles involved
4304	7.1	3	3 vehicles involved
868	1.4	4	4 vehicles involved
175	0.3	5	5 vehicles involved
52	0.1	6	6 vehicles involved
19	0.0	7	7 vehicles involved
7	0.0	8	8 vehicles involved
4	0.0	9	9 vehicles involved
1	0.0	10	10 vehicles involved
1	0.0	13	13 vehicles involved
1	0.0	14	14 vehicles involved

Variable 8	NUM NMTR INVOLVED IN ACC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NON_INVL

Number of nonmotorists involved

27Sep05	Prcnt	Code	Value and Description
57496	94.3	0	0 nonmotorists involved
3296	5.4	1	1 nonmotorist involved
153	0.3	2	2 nonmotorists involved
17	0.0	3	3 nonmotorists involved
7	0.0	4	4 nonmotorists involved
2	0.0	5	5 nonmotorists involved
1	0.0	6	6 nonmotorists involved

Variable 8:NUM NMTR INVOLVED IN ACC (Continued)

27Sep05	Prcnt	Code	Value and Description
1	0.0	8	8 nonmotorists involved
1	0.0	10	10 nonmotorists involved

Variable 9	LAND USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - LAND_USE

27Sep05	Prcnt	Code	Value and Description
10725	17.6	1	Within area of population 25,000-50,000
4907	8.0	2	Within area of population 50,000-100,000
24357	39.9	3	Within area of population 100,000+
20985	34.4	8	Other area

Variable 10	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - EVENT1

27Sep05	Prcnt	Code	Value and Description
Noncollision			
2624	4.3	1	Rollover/Overturn
36	0.1	2	Fire/Explosion
6	0.0	3	Immersion
0	0.0	4	Gas inhalation
118	0.2	5	Jackknife
92	0.2	6	Noncollision injury (injured in or fell from vehicle)
25	0.0	7	Pavement surface irregularity (ruts, potholes, grates, etc.)
327	0.5	8	Other noncollision
7	0.0	9	Noncollision - no details
11	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1818	3.0	21	Pedestrian
1259	2.1	22	Cycle or cyclist (pedalcycle or pedalcyclist)
23	0.0	23	Railway train
1620	2.7	24	Animal
39474	64.7	25	Motor vehicle in transport
2028	3.3	26	Parked motor vehicle (or other mv not in transport)
63	0.1	27	Other type nonmotorist
311	0.5	28	Other object not fixed
20	0.0	29	Object not fixed - no details
Collision with Fixed Object			
32	0.1	31	Ground

Variable 10: FIRST HARMFUL EVENT (Continued)

27Sep05	Prcnt	Code	Value and Description
132	0.2	32	Building
39	0.1	33	Impact attenuator or crash cushion
227	0.4	34	Bridge structure (bridge pier/abutment/parapet end/rail)
1350	2.2	35	Guardrail
1066	1.7	36	Concrete traffic barrier or other longitudinal barrier type
2302	3.8	37	Sign post, utility pole or other support
1429	2.3	38	Culvert or ditch
616	1.0	39	Curb
573	0.9	40	Embankment
467	0.8	41	Fence
142	0.2	42	Wall
105	0.2	43	Fire hydrant
89	0.1	44	Shrubbery or bush
1872	3.1	45	Tree
81	0.1	46	Boulder
484	0.8	58	Other fixed object
59	0.1	59	Fixed object - no details
47	0.1	99	Unknown

Variable 11	MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAN_COL

27Sep05	Prcnt	Code	Value and Description
21498	35.3	0	Not collision with motor vehicle in transport
15363	25.2	1	Rear-end
1775	2.9	2	Head-on
19	0.0	3	Rear-to-rear
18477	30.3	4	Angle
3175	5.2	5	Sideswipe, same direction
554	0.9	6	Sideswipe, opposite direction
113	0.2	9	Unknown

Variable 12	INTERSTATE HIGHWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INT_HWY

27Sep05	Prcnt	Code	Value and Description
53250	87.3	0	No
7691	12.6	1	Yes
33	0.1	9	Unknown

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

NHTSA SAS Variable - REL_JCT

27Sep05 Prcnt	Code	Value and Description
Non-Interchange Area		
28230 46.3	0	Non-junction
14310 23.5	1	Intersection
9275 15.2	2	Intersection related
4697 7.7	3	Driveway, alley access, etc.
186 0.3	4	Entrance/exit ramp
124 0.2	5	Rail grade crossing
308 0.5	6	On a bridge
121 0.2	7	Crossover related
269 0.4	8	Other, non-interchange
397 0.7	9	Unknown, non-interchange
Interchange Area		
582 1.0	10	Non-junction
292 0.5	11	Intersection
144 0.2	12	Intersection related
9 0.0	13	Driveway alley access, etc.
1690 2.8	14	Entrance/exit ramp
36 0.1	16	On a bridge
2 0.0	17	Crossover related
32 0.1	18	Other location in interchange
9 0.0	19	Unknown, interchange area
Unknown if Interchange or Noninterchange		
261 0.4	99	Unknown if interchange

Variable 14	RELATION TO ROADWAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REL_RWY

Indicates the location of the first harmful event

27Sep05 Prcnt	Code	Value and Description
45777 75.1	1	On roadway
543 0.9	2	On shoulder
2028 3.3	3	On median
8420 13.8	4	On roadside
1285 2.1	5	Outside trafficway
826 1.4	6	Off roadway - location unknown
1650 2.7	7	In parking lane
186 0.3	8	Gore
115 0.2	9	Continuous left turn lane
41 0.1	10	Separator
103 0.2	99	Unknown

Variable 15	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.

27Sep05	Prcnt	Code	Value and Description
	2252 3.7	0	Not physically divided (center 2-way left turn lane)
	29130 47.8	1	Not physically divided (two way trafficway)
	19009 31.2	2	Divided highway (median strip, barrier, etc.)
	2595 4.3	3	One way trafficway
	7988 13.1	9	Unknown

Variable 16	NUMBER OF TRAVEL LANES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - NUM_LAN

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.

27Sep05	Prcnt	Code	Value and Description
	1488 2.4	1	One lane
	25428 41.7	2	Two lanes
	8417 13.8	3	Three lanes
	7386 12.1	4	Four lanes
	5319 8.7	5	Five lanes
	869 1.4	6	Six lanes
	396 0.6	7	Seven or more lanes
	11671 19.1	9	Unknown

Variable 17	ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALIGN

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 ALIGNMENT (Continued)

27Sep05 Prcnt Code Value and Description

40920	67.1	1	Straight
7317	12.0	2	Curve
12737	20.9	9	Unknown

Variable 18	ROADWAY PROFILE	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.

27Sep05 Prcnt Code Value and Description

34167	56.0	1	Level
8828	14.5	2	Grade
802	1.3	3	Hillcrest
92	0.2	8	Sag
17085	28.0	9	Unknown

Variable 19	ROADWAY SURFACE COND	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.

27Sep05 Prcnt Code Value and Description

47294	77.6	1	Dry
10071	16.5	2	Wet
1482	2.4	3	Snow or slush
1304	2.1	4	Ice
52	0.1	5	Sand, dirt, oil
96	0.2	8	Other
675	1.1	9	Unknown

Variable 20	TRAFFIC CONTROL DEVICE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - TRAF_CON

27Sep05	Prcnt	Code	Value and Description
37142	60.9	0	No controls
NOT AT RAILROAD GRADE CROSSING:			
Trafficway Traffic Signals			
12286	20.1	1	Traffic control signal (on colors)
257	0.4	4	Flashing traffic control signal or flashing beacon
72	0.1	8	Other traffic signal
20	0.0	9	Unknown traffic signal
Regulatory, School Zone Signs			
6115	10.0	21	Stop sign
573	0.9	22	Yield sign
19	0.0	23	School zone related sign
362	0.6	28	Other sign
12	0.0	29	Unknown sign
Warning Signs			
342	0.6	40	Advisory speed sign
90	0.1	41	Warning sign for road conditions (hill, steep grade, etc.)
221	0.4	42	Warning sign for road construction
8	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
161	0.3	49	Unknown type warning sign
Miscellaneous Not at Railroad Crossing			
105	0.2	51	Officer, crossing guard, flagman, etc.
AT RAILROAD GRADE CROSSING:			
50	0.1	61	Active devices (gates, flashing lights, traffic signal)
25	0.0	62	Passive device (stop sign, cross bucks)
OTHER:			
68	0.1	97	Traffic control present - no details
447	0.7	98	Other traffic control (whether or not at RR grade crossing)
2599	4.3	99	Unknown

Variable 21	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SPD_LIM

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

Variable 21: SPEED LIMIT (Continued)

27Sep05	Prcnt	Code	Value and Description
253	0.4	0	No statutory limit (parking lot, alley, etc.)
11	0.0	5	
		-	Actual posted speed limit in miles per hour
306	0.5	75	
8949	14.7	99	Unknown

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

NHTSA SAS Variable - LGHT_CON

27Sep05	Prcnt	Code	Value and Description
41038	67.3	1	Daylight
7236	11.9	2	Dark
9967	16.3	3	Dark but lighted
922	1.5	4	Dawn
1348	2.2	5	Dusk
463	0.8	9	Unknown

Variable 23	ATMOSPHERIC CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WEATHER

27Sep05	Prcnt	Code	Value and Description
50886	83.5	1	No adverse atmospheric conditions
7001	11.5	2	Rain
168	0.3	3	Sleet
1696	2.8	4	Snow
215	0.4	5	Fog
26	0.0	6	Rain and fog
6	0.0	7	Sleet and fog
196	0.3	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
780	1.3	9	Unknown

Variable 24	SCH BUS RELATED TO ACC	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SCHL_BUS

Was a school bus directly or indirectly involved?

Variable 24: SCH BUS RELATED TO ACC (Continued)

27Sep05	Prcnt	Code	Value and Description
60747	99.6	0	No
227	0.4	1	Yes

Variable 25	PED/CYCLIST CRASH TYPE	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PED_ACC

Pedestrian/Cyclist crash type

27Sep05	Prcnt	Code	Value and Description
57746	94.7	0	No pedestrian/cyclist involved
			Bicyclist Rides out from a Driveway, Alley, or Other Mid-bloc
34	0.1	1	Ride out, residential driveway
14	0.0	2	Ride out, commercial driveway
18	0.0	3	Ride out from sidewalk
67	0.1	4	Ride out, midblock
			Bicyclist Rides out from a Controlled Intersection
108	0.2	5	Ride out, stop sign
1	0.0	6	Trapped
1	0.0	7	Multiple threat
			Motorist Turns or Drives out in Front of Bicyclist
62	0.1	8	Drive out, driveway/alley
96	0.2	9	Drive out, stop sign
34	0.1	10	Right on red
5	0.0	11	The crash involves a motor vehicle which is backing
16	0.0	12	Drive through
			Motorist Overtakes Bicyclist
31	0.1	13	Motorist overtakes undetected cyclist
1	0.0	14	Motorist lost control
5	0.0	15	Motorist overtaking, counteractive evasive actions
18	0.0	16	Motorist overtaking, misjudges passing space
0	0.0	17	Motorist overtaking cyclist, path obstructed
			Bicyclist Makes Unexpected Turn or Swerve
30	0.0	18	Cyclist left turn, in front of traffic
7	0.0	19	Cyclist left turn, facing traffic
11	0.0	20	Cyclist lost control
3	0.0	21	Cyclist right turn, from wrong side of street
			Motorist Makes Unexpected Turn
18	0.0	22	Motorist left turn, in front of cyclist
109	0.2	23	Motorist left turn, facing cyclist
102	0.2	24	Motorist right turn, in front of cyclist

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

27Sep05	Prcnt	Code	Value and Description
		Other/Infrequent	
13	0.0	25	Uncontrolled intersection, other
22	0.0	26	Wrong way cyclist
19	0.0	27	Cyclist overtaking
5	0.0	28	Wrong way motorist
11	0.0	29	Parking lot, open area, or another nonroadway location, such as a gas station
2	0.0	30	Head-on, counteractive evasive actions
2	0.0	31	Cyclist cuts corner
6	0.0	32	Cyclist swings wide
11	0.0	33	Motorist cuts corner
25	0.0	34	Motorist swings wide
2	0.0	35	Drive out - on street parking
7	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
28	0.0	39	Motorist overtaking
16	0.0	40	Is the pedalcyclist riding a children's vehicle? (big wheel, other tricycle, or bicyclist with training wheels)
2	0.0	41	Cyclist struck parked vehicle
24	0.0	48	Drive out, intersection (motorist drove out into or in front of cyclist)
132	0.2	49	Ride out, intersection (bicyclist)
65	0.1	55	Controlled intersection, other
24	0.0	97	Unknown if approach paths are parallel or crossing
25	0.0	98	Parallel path 7 - No way of knowing which parallel path 1-6 is true
34	0.1	99	Crossing path 8 - No way of knowing which crossing path 1-7 is true
		Pedestrian Crash Types	
14	0.0	110	Commercial bus related
11	0.0	120	School bus related
13	0.0	130	Ice cream vendor
0	0.0	140	Mailbox related
25	0.0	150	Entering/exiting
27	0.0	210	Driverless vehicle
63	0.1	220	Backing vehicle
4	0.0	230	Hot pursuit
2	0.0	310	Walking to or from disabled vehicle
17	0.0	320	Disabled vehicle related
6	0.0	330	Emergency/police vehicle related
35	0.1	410	Working on roadway
32	0.1	420	Play vehicle related
23	0.0	430	Playing in roadway
2	0.0	510	Hitchhiking
7	0.0	520	Expressway crossing
41	0.1	531	Walking along roadway with traffic
16	0.0	532	Walking along roadway against traffic
14	0.0	539	Walking along roadway - can't specify

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

27Sep05	Prcnt	Code	Value and Description
5	0.0	610	Pedestrian waiting to cross at/near curb
101	0.2	620	Pedestrian not in roadway
40	0.1	710	Multiple threat,at intersection
365	0.6	720	Vehicle turn/merge
93	0.2	730	Intersection dash
6	0.0	740	Trapped
18	0.0	750	Pedestrian walks into vehicle - at intersection
87	0.1	760	Intersection, driver violation
279	0.5	790	Intersection - other
17	0.0	810	Multiple threat, at midblock
48	0.1	821	Dart-out, first half
43	0.1	822	Dart-out, second half
8	0.0	829	Dart-out, can't specify
130	0.2	830	Midblock dash
8	0.0	840	Pedestrian walks into vehicle, midblock
295	0.5	890	Midblock - other
28	0.0	910	Other - weird
29	0.0	920	Inadequate information
Wheelchair Crash Types			
0	0.0	1110	Commercial bus related
0	0.0	1120	School bus related
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	1230	Hot pursuit
0	0.0	1310	Walking to or 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
1	0.0	1531	Wheelchair: Walking along roadway - with traffic
1	0.0	1620	Wheelchair: Not in roadway
1	0.0	1710	Wheelchair: Multiple threat/at intersection
2	0.0	1720	Wheelchair: Vehicle turn/merge
0	0.0	1750	Wheelchair: Rolled into vehicle - at intersection
4	0.0	1790	Wheelchair: Intersection - other
0	0.0	1810	Multiple threat, at midblock
0	0.0	1822	Wheelchair: Dart-out, second half
0	0.0	1829	Dart-out, can't specify
0	0.0	1830	Midblock dash
0	0.0	1840	Wheelchair: Rolled into vehicle, midblock
1	0.0	1890	Wheelchair: Midblock - other

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

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

27Sep05 Prcnt Code Value and Description

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
- 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 midblock
- 821 Dart-out - first half
- 822 Dart-out - second half
- 829 Dart-out - can't specify
- 830 Midblock dash
- 840 Pedestrian walks into vehicle - midblock
- 890 Midblock - other

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

27Sep05 Prcnt Code Value and Description

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 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

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

27Sep05 Prcnt Code Value and Description

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, midblock

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 26	MAX INJ SEVERITY IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAX_SEV

Maximum injury severity in crash

27Sep05	Prcnt	Code	Value and Description
25552	41.9	0	No injury
10096	16.6	1	Possible injury
12199	20.0	2	Nonincapacitating
10404	17.1	3	Incapacitating
1235	2.0	4	Fatal
399	0.7	5	Unknown injury severity
2	0.0	6	Died prior
22	0.0	8	No person involved in the crash
1065	1.7	9	Unknown if injured

Variable 27	NUM INJ PERSONS IN ACC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NUM_INJ

Number known injured in crash

27Sep05	Prcnt	Code	Value and Description
25554	41.9	0	No person injured/property damage only crash
22030	36.1	1	- Actual number of people injured
1	0.0	27	
22	0.0	98	No person involved in the crash
1065	1.7	99	All persons in crash are unknown if injured

Variable 28	ALCOHOL INVOLVED IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALCOHOL

Was alcohol usage involved in the crash?

27Sep05	Prcnt	Code	Value and Description
4457	7.3	1	Alcohol involved
53634	88.0	2	No alcohol involved
38	0.1	8	No applicable person involved in the crash
2845	4.7	9	Unknown

Variable 29	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ACCIDENT.PJ

Police Jurisdiction codes repeated in each PSU.

Variable 30	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

27Sep05	Prcnt	Code	Value and Description
7906	13.0	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 a towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved.
8228	13.5	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.
8255	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.
16695	27.4	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.
8004	13.1	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.
11886	19.5	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 31	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 32	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

27Sep05	Prcnt	Code	Value and Description
8700	14.3	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
15655	25.7	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
25307	41.5	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
11312	18.6	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 33	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Variable 34	WORK_ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WRK_ZONE

27Sep05	Prcnt	Code	Value and Description
59289	97.2	3	No
741	1.2	4	Yes, first harmful event in work or construction zone
150	0.2	5	Yes, first harmful event related to, but not in, work or construction zone
511	0.8	6	Yes, first harmful event is in or is related to a work or construction zone, but it is not known which
283	0.5	9	Unknown or no work or construction zone information

Imputed ACCIDENT Variables

Variables 35 through 50 are imputed versions of previous variables found in the accident dataset.

Variable 35	IMP ALC INVOLVED IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ALCHL_I

Alcohol involved in crash

This variable was imputed by NHTSA

27Sep05 Prcnt	Code Value and Description	
5670 9.3	1	Alcohol involved
55304 90.7	2	No alcohol involved

Variable 36	IMP ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ALIGN_I

This variable was imputed by NHTSA

27Sep05 Prcnt	Code Value and Description	
51902 85.1	1	Straight
9072 14.9	2	Curve

Variable 37	IMP FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EVENT1_I

This variable was imputed by NHTSA

27Sep05 Prcnt	Code Value and Description	
	Noncollision	
2627 4.3	1	Rollover/overturn
37 0.1	2	Fire/explosion
6 0.0	3	Immersion
0 0.0	4	Gas inhalation
118 0.2	5	Jackknife

Variable 37:IMP FIRST HARMFUL EVENT (Continued)

27Sep05	Prcnt	Code	Value and Description
92	0.2	6	Noncollision injury (injured in vehicle, or fell from vehicle)
25	0.0	7	Pavement Surface Irregularity (ruts, potholes, grates, etc.)
328	0.5	8	Other noncollision
7	0.0	9	Noncollision - no details
11	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1818	3.0	21	Pedestrian
1259	2.1	22	Cycle or cyclist (pedalcycle or pedalcyclist)
24	0.0	23	Railway train
1620	2.7	24	Animal
39474	64.7	25	Motor vehicle in transport
2028	3.3	26	Parked motor vehicle (or other MV not in transport)
63	0.1	27	Other type nonmotorist
311	0.5	28	Other object not fixed
20	0.0	29	Object not fixed-no details
Collision with Fixed Object			
32	0.1	31	Ground
132	0.2	32	Building
39	0.1	33	Impact attenuator or crash cushion
227	0.4	34	Bridge structure (pier/abutment/parapet end/rail)
1350	2.2	35	Guardrail
1066	1.7	36	Concrete traffic barrier or other longitudinal barrier type
2302	3.8	37	Post, pole or support (sign post, utility post)
1429	2.3	38	Culvert or ditch
616	1.0	39	Curb
573	0.9	40	Embankment
467	0.8	41	Fence
142	0.2	42	Wall
105	0.2	43	Fire hydrant
89	0.1	44	Shrubbery or bush
1872	3.1	45	Tree
81	0.1	46	Boulder
484	0.8	58	Other fixed object
100	0.2	59	Fixed object - no details

Variable 38 IMP ACCIDENT TIME - HOUR Width: 2 Type: Numeric
Dec: None Miss: None

NHTSA SAS Variable - HOUR_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
1238	2.0	0	12:01 am - 12:59 am

Variable 38:IMP ACCIDENT TIME - HOUR (Continued)

27Sep05	Prcnt	Code	Value and Description
1141	1.9	1	1:00 am - 1:59 am
1122	1.8	2	2:00 am - 2:59 am
864	1.4	3	3:00 am - 3:59 am
722	1.2	4	4:00 am - 4:59 am
925	1.5	5	5:00 am - 5:59 am
1673	2.7	6	6:00 am - 6:59 am
3129	5.1	7	7:00 am - 7:59 am
2976	4.9	8	8:00 am - 8:59 am
2497	4.1	9	9:00 am - 9:59 am
2652	4.3	10	10:00 am - 10:59 am
3117	5.1	11	11:00 am - 11:59 am
3586	5.9	12	12:00 pm - 12:59 pm
3520	5.8	13	1:00 pm - 1:59 pm
4001	6.6	14	2:00 pm - 2:59 pm
4678	7.7	15	3:00 pm - 3:59 pm
4580	7.5	16	4:00 pm - 4:59 pm
4610	7.6	17	5:00 pm - 5:59 pm
3584	5.9	18	6:00 pm - 6:59 pm
2689	4.4	19	7:00 pm - 7:59 pm
2167	3.6	20	8:00 pm - 8:59 pm
2112	3.5	21	9:00 pm - 9:59 pm
1844	3.0	22	10:00 pm - 10:59 pm
1512	2.5	23	11:00 pm - 11:59 pm
35	0.1	24	12:00 Midnight

Variable 39	IMP LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LGTCON_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
41359	67.8	1	Daylight
7291	12.0	2	Dark
10036	16.5	3	Dark, but lighted
929	1.5	4	Dawn
1359	2.2	5	Dusk

Variable 40	IMP MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MANCOL_I

This variable was imputed by NHTSA

Variable 40:IMP MANNER OF COLLISION (Continued)

27Sep05	Prcnt	Code	Value and Description
21498	35.3	0	Not collision with motor vehicle in transport
15380	25.2	1	Rear-end
1775	2.9	2	Head-on
19	0.0	3	Rear-to-rear
18477	30.3	4	Angle
3175	5.2	5	Sideswipe, same direction
650	1.1	6	Sideswipe, opposite direction

Variable 41	IMP MAX INJ SEV. IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MAXSEV_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
26311	43.2	0	No injury
10254	16.8	1	Possible injury
12306	20.2	2	Nonincapacitating
10412	17.1	3	Incapacitating
1262	2.1	4	Fatal
405	0.7	5	Injured, unknown severity
2	0.0	6	Died prior
22	0.0	8	No person involved in the crash

Variable 42	IMP ACC TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MINUTE_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
4749	7.8	0	- Minute
571	0.9	59	

Variable 43	IMP NUM INJ PER IN ACC	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - NO_INJ_I

This variable was imputed by NHTSA

Variable 43:IMP NUM INJ PER IN ACC (Continued)

27Sep05	Prcnt	Code	Value and Description
26335	43.2	0	No person injured/property damage only crash
22065	36.2	1	
		-	Actual number of people injured
1	0.0	27	

Variable 44	IMPUTED ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PROFIL_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
47477	77.9	1	Level
12246	20.1	2	Grade
1126	1.8	3	Hillcrest
125	0.2	8	Sag

Variable 45	IMP RELATION TO JUNCTION	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - RELJCT_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
Non-Interchange Area			
28247	46.3	0	Non-junction
14311	23.5	1	Intersection
9275	15.2	2	Intersection related
4697	7.7	3	Driveway, alley access, etc.
186	0.3	4	Entrance/exit ramp
124	0.2	5	Rail grade crossing
783	1.3	6	On a bridge
121	0.2	7	Crossover related
272	0.4	8	Other, non-interchange
Interchange Area			
582	1.0	10	Non-junction
292	0.5	11	Intersection
144	0.2	12	Intersection related
9	0.0	13	Driveway, alley access, etc.
1845	3.0	14	Entrance/exit ramp
52	0.1	16	On a bridge
2	0.0	17	Crossover related
32	0.1	18	Other location in interchange

Variable 46	IMPUTED SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SPDLIM_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
299	0.5	0	No statutory limit (parking lot, alley, etc.)
19	0.0	5	- Actual speed limit
325	0.5	75	

Variable 47	IMP ROADWAY SURFACE COND	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SURCON_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
47316	77.6	1	Dry
10685	17.5	2	Wet
1485	2.4	3	Snow or slush
1304	2.1	4	Ice
72	0.1	5	Sand, dirt, oil
112	0.2	8	Other

Variable 48	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

27Sep05	Prcnt	Code	Value and Description
37154	60.9	0	No controls
			NOT AT RAILROAD GRADE CROSSING:
			Trafficway Traffic Signals
12286	20.1	1	Traffic control signal (on colors)
417	0.7	4	Flashing traffic control signal or flashing beacon
72	0.1	8	Other traffic signal
20	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs
6115	10.0	21	Stop sign

Variable 48:IMP TRAFFIC CONTROL DEV (Continued)

27Sep05	Prcnt	Code	Value and Description
573	0.9	22	Yield sign
19	0.0	23	School zone related sign
362	0.6	28	Other sign
12	0.0	29	Unknown sign
Warning Signs			
342	0.6	40	Advisory speed sign
90	0.1	41	Warning sign for road conditions (hill, steep grade, etc.)
221	0.4	42	Warning sign for road construction
8	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
161	0.3	49	Unknown type warning
Miscellaneous Not at Railroad Crossing			
105	0.2	51	Officer, crossing guard, flagman, etc.
AT RAILROAD GRADE CROSSING:			
51	0.1	61	Active devices (gates, flashing lights, traffic signal)
25	0.0	62	Passive device (stop sign, cross bucks)
OTHER:			
76	0.1	97	Traffic control present - no details
2865	4.7	98	Other traffic control (whether or not at RR grade crossing)

Variable 49	IMP ATMOSPHERIC COND	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WEATHR_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
51541	84.5	1	No adverse atmospheric related driving conditions
7001	11.5	2	Rain
168	0.3	3	Sleet
1696	2.8	4	Snow
337	0.6	5	Fog
26	0.0	6	Rain and fog
6	0.0	7	Sleet and fog
199	0.3	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)

<u>Variable 50</u>	<u>IMP ACCIDENT DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - WKDY_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
6612	10.8	1	Sunday
8978	14.7	2	Monday
8932	14.6	3	Tuesday
8967	14.7	4	Wednesday
8866	14.5	5	Thursday
10390	17.0	6	Friday
8229	13.5	7	Saturday

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

27Sep05	Prcnt	Code	Value and Description
60974	100.0	1	1st event

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 crash.

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

27Sep05	Prcnt	Code	Value and Description
60062	98.5	1	Vehicle #1
748	1.2	2	Vehicle #2
133	0.2	3	Vehicle #3
22	0.0	4	Vehicle #4
7	0.0	5	Vehicle #5
2	0.0	6	Vehicle #6

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

27Sep05	Prcnt	Code	Value and Description
		0	Noncollision
3246	5.3		
30580	50.2	1	Front
8610	14.1	2	Right side
7769	12.7	3	Left side
5011	8.2	4	Back
57	0.1	5	Top
326	0.5	6	Undercarriage
1775	2.9	11	Front right corner
1632	2.7	12	Front left corner
271	0.4	13	Back right corner
243	0.4	14	Back left corner
1454	2.4	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

27Sep05	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
		1	Vehicle #1
4	0.0		
38459	63.1	2	Vehicle #2
836	1.4	3	Vehicle #3
143	0.2	4	Vehicle #4
22	0.0	5	Vehicle #5
8	0.0	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	9	Vehicle #9
Non-collision			
2624	4.3	101	Rollover/overturn
36	0.1	102	Fire/explosion
6	0.0	103	Immersion
0	0.0	104	Gas inhalation
118	0.2	105	Jackknife

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

27Sep05	Prcnt	Code	Value and Description
	92	0.2	106 Noncollision injury (injured in or fell from vehicle)
	25	0.0	107 Pavement surface irregularity (ruts, potholes, grates, etc.)
	327	0.5	108 Other noncollision
	7	0.0	109 Noncollision - no details
	11	0.0	110 Thrown or falling object
Collision with Object Not Fixed			
	1818	3.0	121 Pedestrian
	1259	2.1	122 Cycle or cyclist (pedalcycle or pedalcyclist)
	23	0.0	123 Railway train
	1620	2.7	124 Animal
	2028	3.3	126 Parked motor vehicle (or other MV not in transport)
	63	0.1	127 Other type nonmotorist
	311	0.5	128 Other object not fixed
	20	0.0	129 Object not fixed - no details
Collision with Fixed Object			
	32	0.1	131 Ground
	132	0.2	132 Building
	39	0.1	133 Impact attenuator or crash cushion
	227	0.4	134 Bridge structure (bridge pier/abutment/parapet end/rail)
	1350	2.2	135 Guardrail
	1066	1.7	136 Concrete traffic barrier or other longitudinal barrier type
	2302	3.8	137 Sign post, utility pole or other support
	1429	2.3	138 Culvert or ditch
	616	1.0	139 Curb
	573	0.9	140 Embankment
	467	0.8	141 Fence
	142	0.2	142 Wall
	105	0.2	143 Fire hydrant
	89	0.1	144 Shrubbery or bush
	1872	3.1	145 Tree
	81	0.1	146 Boulder
	484	0.8	158 Other fixed object
	59	0.1	159 Fixed object - no details
Unknown			
	47	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

Variable 76: GEN AREA OF DAM-OTH VEH (Continued)

27Sep05	Prcnt	Code	Value and Description
13552	22.2	1	Front
5524	9.1	2	Right side
6635	10.9	3	Left side
11325	18.6	4	Back
1	0.0	5	Top
23	0.0	6	Undercarriage
864	1.4	11	Front right corner
995	1.6	12	Front left corner
165	0.3	13	Back right corner
207	0.3	14	Back left corner
21500	35.3	98	Not a motor vehicle in transport
183	0.3	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

27Sep05	Prcnt	Code	Value and Description
7906	13.0	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.
8228	13.5	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.

Variable 78:STRATUM (Continued)

27Sep05 Prcnt	Code	Value and Description
8255 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.
16695 27.4	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.
8004 13.1	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.
11886 19.5	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

27Sep05 Prcnt	Code	Value and Description
8700 14.3	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
15655 25.7	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
25307 41.5	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
11312 18.6	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

<u>Variable 81</u>	<u>ACTION FOR THIS EVENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - E_ACTION

Vehicle's action

27Sep05	Prcnt	Code	Value and Description
3246	5.3	1	Noncollision
7142	11.7	2	Collision with object not fixed
11112	18.2	3	Collision with fixed object
25709	42.2	4	Strike another in-transport motor vehicle
13765	22.6	5	Struck by an in-transport motor vehicle

<u>Variable 82</u>	<u>WEIGHT</u>	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

The VEHICLE/DRIVER Variables

Variables 101 through 189 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

27Sep05	Prcnt	Code	Value and Description
60974	56.2	1	Vehicle #1
40470	37.3	2	Vehicle #2
5432	5.0	3	Vehicle #3
1128	1.0	4	Vehicle #4
260	0.2	5	Vehicle #5
85	0.1	6	Vehicle #6
33	0.0	7	Vehicle #7
14	0.0	8	Vehicle #8
7	0.0	9	Vehicle #9
3	0.0	10	Vehicle #10
2	0.0	11	Vehicle #11
2	0.0	12	Vehicle #12
2	0.0	13	Vehicle #13
1	0.0	14	Vehicle #14

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

NHTSA SAS Variable - DR_PRES

27Sep05	Prcnt	Code	Value and Description
276	0.3	0	Unattended vehicle (driverless, or no driver involved)
102647	94.7	1	Driver operated vehicle
5484	5.1	2	Hit and run (vehicle and/or driver left scene)
6	0.0	9	Unknown driver presence

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

NHTSA SAS Variable - HIT_RUN

27Sep05	Prcnt	Code	Value and Description
102910	94.9	0	No, did not leave scene
5484	5.1	1	Yes, driver or car and driver left scene
19	0.0	9	Unknown

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

NHTSA SAS Variable - MAKE

27Sep05	Prcnt	Code	Value and Description
Passenger Vehicles (01-69)			
11	0.0	1	American Motors
2622	2.4	2	Jeep (includes Kaiser-Jeep)
25	0.0	3	AM General
1839	1.7	6	Chrysler
6546	6.0	7	Dodge
0	0.0	8	Imperial
1261	1.2	9	Plymouth
101	0.1	10	Eagle
19116	17.6	12	Ford
1039	1.0	13	Lincoln
2199	2.0	14	Mercury
2535	2.3	18	Buick
1235	1.1	19	Cadillac
14949	13.8	20	Chevrolet
2219	2.0	21	Oldsmobile
3577	3.3	22	Pontiac
2764	2.5	23	GMC
1497	1.4	24	Saturn
13	0.0	25	Grumman
2	0.0	29	Other domestic
1051	1.0	30	Volkswagen
3	0.0	31	Alfa Romeo
208	0.2	32	Audi
2	0.0	33	Austin/Austin Healey
772	0.7	34	BMW
4655	4.3	35	Nissan/Datsun
1	0.0	36	Fiat
6830	6.3	37	Honda
734	0.7	38	Isuzu
130	0.1	39	Jaguar
0	0.0	40	Lancia
1843	1.7	41	Mazda
706	0.7	42	Mercedes Benz
1	0.0	43	MG
1	0.0	44	Peugeot

Variable 105:MAKE (Continued)

27Sep05	Prcnt	Code	Value and Description
50	0.0	45	Porsche
1	0.0	46	Renault/AMC
136	0.1	47	Saab
686	0.6	48	Subaru
7822	7.2	49	Toyota
23	0.0	50	Triumph
1070	1.0	51	Volvo
1678	1.5	52	Mitsubishi
573	0.5	53	Suzuki
912	0.8	54	Acura
1159	1.1	55	Hyundai
3	0.0	56	Merkur
1	0.0	57	Yugo
366	0.3	58	Infiniti
687	0.6	59	Lexus
4	0.0	60	Daihatsu
2	0.0	61	Sterling
135	0.1	62	Land Rover
723	0.7	63	KIA
119	0.1	64	Daewoo
19	0.0	65	Mini
7	0.0	69	Other foreign
			Motorcycles (70-79)
0	0.0	70	BSA
22	0.0	71	Ducati
555	0.5	72	Harley-Davidson
227	0.2	73	Kawasaki
3	0.0	74	Moto-Guzzi
0	0.0	75	Norton
330	0.3	76	Yamaha
53	0.0	78	Moped (other than above listed manufacturers)
119	0.1	79	Other motorcycle
			Trucks and Buses (80-98)
0	0.0	80	Brockway
0	0.0	81	Diamond Reo, Reo
2456	2.3	82	Freightliner, White
0	0.0	83	FWD
1945	1.8	84	International Harvester/Navistar
904	0.8	85	Kenworth
915	0.8	86	Mack
880	0.8	87	Peterbilt
0	0.0	88	Iveco/Magirus
751	0.7	98	Other (truck or bus)
2590	2.4	99	Unknown make/manufacturer

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

NHTSA SAS Variable - MODEL

27Sep05 Prcnt	Code	Value and Description
		AMC/American Motors
1 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
1 0.0	1007	Hornet/Concord
3 0.0	1008	Spirit/Gremlin
2 0.0	1009	Eagle
0 0.0	1010	Eagle SX-4
1 0.0	1398	Other automobile
3 0.0	1399	Unknown automobile
0 0.0	1999	Unknown vehicle
		Jeep (includes Kaiser-Jeep)
26 0.0	2401	CJ-2/CJ-3/CJ-4
52 0.0	2402	CJ-5/CJ-6/CJ-7/CJ-8
245 0.2	2403	YJ Series (Wrangler)
1711 1.6	2404	Cherokee (84 on)
249 0.2	2405	Liberty
5 0.0	2421	Cherokee (63-83)
18 0.0	2431	Grand Wagoneer
0 0.0	2481	Pickup
6 0.0	2482	Comanche
6 0.0	2498	Other light truck
221 0.2	2499	Unknown light truck
83 0.1	2999	Unknown vehicle
		AM General
0 0.0	3401	Dispatcher Post Office (Jeep)
0 0.0	3402	Hummer H3
24 0.0	3421	Hummer
0 0.0	3466	Dispatcher DJ series Post Office van
0 0.0	3498	Other Light Truck
1 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
0 0.0	3999	Unknown vehicle
		Chrysler
1 0.0	6009	Cordoba
6 0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
0 0.0	6013	Rampage 2.2 (car based pickup)

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
120	0.1	6014	New Yorker (83-90)/E-Class/Imperial (90-93)/Fifth Avenue/Newport
2	0.0	6015	Laser
92	0.1	6016	LeBaron
7	0.0	6017	LeBaron GTS/GTC
10	0.0	6018	Intrepid (Canadian made) RWD only
1	0.0	6019	Neon (export)
0	0.0	6031	TC Maserati sport
0	0.0	6035	Conquest
200	0.2	6041	Concorde
89	0.1	6042	LHS new yorker 1994 on
349	0.3	6043	Sebring
104	0.1	6044	Cirrus
94	0.1	6051	300M
182	0.2	6052	PT Cruiser
0	0.0	6053	Prowler 2001-2002
39	0.0	6054	Pacifica
4	0.0	6055	Crossfire
2	0.0	6398	Other automobile
147	0.1	6399	Unknown automobile
303	0.3	6441	Town & country (Minivan)
53	0.0	6442	Voyager
0	0.0	6498	Other light truck
20	0.0	6499	Unknown light truck
0	0.0	6998	Other vehicle
14	0.0	6999	Unknown vehicle
Dodge			
5	0.0	7001	Dart
3	0.0	7002	Coronet/Magnum/Charger(thru 79)
1	0.0	7003	Polara/Monaco/Royal Monaco
6	0.0	7004	Viper; RT/10, GTS
0	0.0	7005	Challenger; R/T, T/A, Rallye
4	0.0	7006	Aspen; Custom, Special Edition, Police, R/T, Sport
15	0.0	7007	Diplomat; Medallion, Salon, S
17	0.0	7008	Omni/Charger
0	0.0	7009	Mirada 1980-1983
0	0.0	7010	St. Regis; police, taxi
27	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
4	0.0	7014	600 ES, Turbo (1983-1988)
15	0.0	7015	Daytona (1984-1994)
1	0.0	7016	Lancer; Pacifica, Turbo, ES, Shelby (1985-1989)
113	0.1	7017	Shadow; ES, Turbo (1987-1998)
82	0.1	7018	Dynasty (1988-1998)
89	0.1	7019	Spirit; ES, Shelby, R/T (1989-1994)
687	0.6	7020	Neon Expresso (1994-1998)
0	0.0	7021	Magnum (Note: 07002 is Magnum prior to 1979)
0	0.0	7024	Charger (2006+)
0	0.0	7033	Challenger (import)
11	0.0	7034	Colt (excludes Vista)

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	7035	Conquest; Turbo (1984-1986)
17	0.0	7039	Stealth (1991-1998)
2	0.0	7040	Monaco (1990-1992)
502	0.5	7041	Intrepid (1993-1998)
73	0.1	7042	Avenger (1995-1998)
500	0.5	7043	Stratus (1995-1998)
4	0.0	7398	Other Automobile
292	0.3	7399	Unknown Automobile
2	0.0	7401	Raider Sport (1986-1998)
16	0.0	7421	Ramchager (through 1998)
369	0.3	7422	Durango (1998-2000)
2	0.0	7441	Vista 4x4 (1984-1991)
1135	1.0	7442	Caravan; mini-ram, SE, ES (1984-1998)
265	0.2	7461	B-series Van; sportsman, royal, maxiwagon, ram B150-B350, tradesman
2	0.0	7462	Sprinter
1	0.0	7470	Van Derivative; Kary Van
9	0.0	7471	D50,Colt Pickup,Ram 50/Ram 100
557	0.5	7472	Dakota; WB=112"/124"
84	0.1	7481	D,W-series Pickup; ram, custom, royal, miser D100-D350, W100-W350
1237	1.1	7482	Ram 1500/2500/3500 pickup
19	0.0	7498	Other light truck
296	0.3	7499	Unknown light truck
0	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
4	0.0	7899	Unknown type truck
0	0.0	7981	Medium bus (not van-based)
2	0.0	7988	Other bus
0	0.0	7989	Unknown bus type
0	0.0	7998	Other vehicle
73	0.1	7999	Unknown vehicle
Imperial			
0	0.0	8010	Imperial; LeBaron (-76), Mark Cross, Frank Sinatra editions (1981-1983)
0	0.0	8398	Other automobile
0	0.0	8399	Unknown Automobile
0	0.0	8999	Unknown vehicle
Plymouth			
10	0.0	9001	Valiant/Scamp/Duster(thru 76)
0	0.0	9002	Satellite/Belvedere
3	0.0	9003	Fury
2	0.0	9004	Gran Fury
0	0.0	9005	Barracuda
3	0.0	9006	Volare'
6	0.0	9007	Caravelle

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
18	0.0	9008	Horizon
23	0.0	9011	Reliant (K)
0	0.0	9013	Scamp-car based pickup
73	0.1	9017	Sundance
95	0.1	9019	Acclaim
225	0.2	9020	Neon
0	0.0	9031	Cricket
0	0.0	9032	Arrow
1	0.0	9033	Sapporo import
9	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
19	0.0	9037	Laser
110	0.1	9038	Breeze
0	0.0	9039	Prowler
0	0.0	9398	Other Automobile
113	0.1	9399	Unk Automobile
1	0.0	9421	Trailduster
3	0.0	9441	Colt Vista 4x4
499	0.5	9442	Voyager (minivan)
1	0.0	9461	Van full size B-series
0	0.0	9471	Arrow Pickup (foreign)
1	0.0	9498	Other light truck
32	0.0	9499	Unknown light truck
14	0.0	9999	Unknown vehicle
Eagle			
12	0.0	10034	Summit
59	0.1	10037	Talon
5	0.0	10040	Premier
19	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Automobile
6	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
1	0.0	12002	Fairlane
1010	0.9	12003	Mustang/Mustang II
338	0.3	12004	Thunderbird
3	0.0	12005	LTD II
32	0.0	12006	LTD/Galaxy/Custom
4	0.0	12007	Ranchero
0	0.0	12008	Maverick
2	0.0	12009	Pinto
4	0.0	12010	Torino/Gran Torino/Elite
8	0.0	12011	Granada
8	0.0	12012	Fairmont
1201	1.1	12013	Escort/EXP

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
242	0.2	12015	Tempo
832	0.8	12016	Crown Victoria
1916	1.8	12017	Taurus
168	0.2	12018	Probe
0	0.0	12031	English Ford
2	0.0	12032	Fiesta
26	0.0	12033	Festiva
0	0.0	12034	Laser
350	0.3	12035	Contour
45	0.0	12036	Aspire
706	0.7	12037	Focus
1	0.0	12038	GT
5	0.0	12398	Other Automobile
891	0.8	12399	Unknown Automobile
2095	1.9	12401	Bronco II/Bronco(thru 77)/Explorer
233	0.2	12402	Escape
101	0.1	12421	Bronco-fullsize (78 on)
587	0.5	12422	Expedition
53	0.0	12431	Excursion
282	0.3	12441	Aerostar
583	0.5	12442	Windstar
21	0.0	12443	Freestar
791	0.7	12461	E-series Van
1	0.0	12470	Van derivative
1438	1.3	12471	Ranger
2	0.0	12472	Courier
63	0.1	12473	Sport Trac
3286	3.0	12481	F-series Pickup
100	0.1	12498	Other lt truck
659	0.6	12499	Unknown lt truck
159	0.1	12880	F450/550 Pickup > 4536 GVWR
324	0.3	12881	Med/Hvy CBE
22	0.0	12882	Med/Hvy COE low entry
17	0.0	12883	Med/Hvy COE high entry
204	0.2	12884	Med/Hvy unknown engine location
5	0.0	12890	Med/Hvy COE unknown entry position
17	0.0	12898	Other Med/Hvy truck
42	0.0	12899	Unknown Med/Hvy truck
13	0.0	12981	Medium Bus
22	0.0	12988	Other Bus
4	0.0	12989	Unknown bus type
6	0.0	12998	Other Vehicle
191	0.2	12999	Unknown vehicle
Lincoln			
542	0.5	13001	Town Car/Continental
73	0.1	13002	Mark I - VIII
104	0.1	13005	Continental (82 on)
0	0.0	13011	Versailles
75	0.1	13012	LS
2	0.0	13398	Other Auto
130	0.1	13399	Unknown Auto

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
14	0.0	13401	Aviator
86	0.1	13421	Navigator
3	0.0	13481	Blackwood
2	0.0	13499	Unknown light truck
8	0.0	13999	Unknown vehicle
			Mercury
0	0.0	14002	Cyclone
8	0.0	14003	Capri-domestic
155	0.1	14004	Cougar/XR7
510	0.5	14006	Marquis/Monterey
1	0.0	14008	Comet
0	0.0	14009	Bobcat
0	0.0	14010	Montego
1	0.0	14011	Monarch
1	0.0	14012	Zephyr
2	0.0	14013	Lynx/LN7 (82-83)
102	0.1	14015	Topaz
515	0.5	14017	Sable
3	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
149	0.1	14036	Tracer
80	0.1	14037	Mystique
165	0.2	14038	Cougar (99-on)
5	0.0	14039	Marauder
0	0.0	14398	Other Auto
180	0.2	14399	Unknown Auto
136	0.1	14401	Mountaineer
161	0.1	14443	Villager
3	0.0	14444	Monterey
1	0.0	14498	Oth lt truck
5	0.0	14499	Unknown lt truck
16	0.0	14999	Unknown vehicle
			Buick
6	0.0	18001	Special/Skylark (thru 1972)
630	0.6	18002	LeSabre/Wildcat/Centurion
278	0.3	18003	Electra/Electra 225/Park Avenue (91 on)
67	0.1	18004	Roadmaster
56	0.1	18005	Riviera
583	0.5	18007	Century
2	0.0	18008	Apollo/Skylark (73-76)
149	0.1	18010	Regal
17	0.0	18012	Skyhawk
10	0.0	18015	Skylark (76-85)
135	0.1	18018	Somerset (85-87) / Skylark (86 on)
245	0.2	18020	Regal FWD
4	0.0	18021	Reatta
0	0.0	18031	Opel Kadett
0	0.0	18032	Opel Manta
0	0.0	18033	Opel GT
0	0.0	18034	Opel Isuzu

Variable 106:MAKE/MODEL (Continued)

27Sep05 Prcnt Code Value and Description

2	0.0	18398	Other Auto
278	0.3	18399	Unknown Auto
60	0.1	18401	Rendezvous
5	0.0	18402	Rainier
1	0.0	18499	Unknown light truck
7	0.0	18999	Unknown vehicle
Cadillac			
683	0.6	19003	Deville/Fleetwood (except Limousine)
0	0.0	19004	Limousine
102	0.1	19005	Eldorado
1	0.0	19006	Commercial Series
3	0.0	19009	Allante'
161	0.1	19014	Seville
4	0.0	19016	Cimarron
39	0.0	19017	Catera (RWD)
36	0.0	19018	CTS
1	0.0	19019	XLR
6	0.0	19020	SRX
1	0.0	19398	Other automobile
113	0.1	19399	Unknown automobile
72	0.1	19421	Escalade
5	0.0	19431	Escalade ESV
3	0.0	19480	Escalade EXT
3	0.0	19498	Other light truck
2	0.0	19999	Unknown vehicle
Chevrolet			
15	0.0	20001	Malibu/Chevvelle
770	0.7	20002	Caprice/Impala
74	0.1	20004	Corvette
1	0.0	20006	Corvair
27	0.0	20007	El Camino
16	0.0	20008	Nova (-79)
402	0.4	20009	Camaro
68	0.1	20010	Monte Carlo (RWD)
0	0.0	20011	Vega
1	0.0	20012	Monza
6	0.0	20013	Chevette
6	0.0	20015	Citation
1679	1.5	20016	Cavalier
121	0.1	20017	Celebrity
449	0.4	20019	Beretta/Corsica
674	0.6	20020	Lumina
8	0.0	20031	Spectrum
404	0.4	20032	Nova/Geo Prizm
5	0.0	20033	Sprint/Geo Sprint
144	0.1	20034	Geo Metro
42	0.0	20035	Geo Storm
308	0.3	20036	Monte Carlo (FWD only)
663	0.6	20037	Malibu (1997+)
0	0.0	20038	SSR

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
22	0.0	20039	Aveo
11	0.0	20398	Other auto
721	0.7	20399	Unknown auto
984	0.9	20401	S-10 Blazer, blazer
195	0.2	20402	Geo tracker (1989-1998)
293	0.3	20403	Trailblazer (2002+)
7	0.0	20404	Equinox
546	0.5	20421	Blazer-fullsize
422	0.4	20431	Suburban
467	0.4	20441	Astro van
287	0.3	20442	Lumina APV / Venture
0	0.0	20443	Ventura
473	0.4	20461	G-series van
26	0.0	20466	P-series van
1	0.0	20470	Van derivative
959	0.9	20471	S-10 / T-10
2	0.0	20472	LUV imported Pickup
27	0.0	20473	Colorado
2617	2.4	20481	C,K,R,V-series Pickup
85	0.1	20482	Avalanche
94	0.1	20498	Other light truck
527	0.5	20499	Unknown light truck
68	0.1	20881	Med/Hvy CBE
2	0.0	20882	Med/Hvy COE low entry
1	0.0	20883	Med/Hvy COE high entry
51	0.0	20884	Med/Hvy Unknown engine location
26	0.0	20890	Med/Hvy COE Unknown entry location
1	0.0	20898	Other med/hvy truck
24	0.0	20899	Unknown med/hvy trk
1	0.0	20981	Bus S-60 series
3	0.0	20988	Other Bus
2	0.0	20989	Unknown bus type
1	0.0	20998	Other vehicle
120	0.1	20999	Unknown vehicle
Oldsmobile			
70	0.1	21001	Cutlass (RWD only)
343	0.3	21002	Delta 88
159	0.1	21003	Ninety-Eight
12	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
1	0.0	21015	Omega
5	0.0	21016	Firenza
203	0.2	21017	Ciera
30	0.0	21018	Calais
487	0.4	21020	Cutlass (FWD)
83	0.1	21021	Achieva
63	0.1	21022	Aurora
105	0.1	21023	Intrigue
279	0.3	21024	Alero
8	0.0	21398	Other automobile

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
199	0.2	21399	Unknown automobile
61	0.1	21401	Bravada
96	0.1	21441	Silhouette
0	0.0	21498	Other light truck
7	0.0	21499	Unknown light truck
0	0.0	21998	Other vehicle
8	0.0	21999	Unknown vehicle
Pontiac			
0	0.0	22001	Lemans/Tempest (thru 79)
374	0.3	22002	Bonneville/Catalina/Parisienne
9	0.0	22005	Fiero
1	0.0	22008	Ventura
202	0.2	22009	Firebird/Trans AM
10	0.0	22010	Grand Prix RWD
1	0.0	22011	Astre
5	0.0	22012	Sunbird (thru 80)
1	0.0	22013	T-1000/1000
1	0.0	22015	Phoenix
477	0.4	22016	J2000/2000/Sunbird(84 on)/Sunfire
58	0.1	22017	6000
1178	1.1	22018	Grand Am
699	0.6	22020	Grand Prix FWD
15	0.0	22031	Lemans (88 on)
5	0.0	22398	Other auto
276	0.3	22399	Unknown automobile
34	0.0	22401	Aztek
53	0.0	22402	Vibe
159	0.1	22441	Trans Sport / Montana
1	0.0	22498	Other light truck
8	0.0	22499	Unknown light truck
10	0.0	22999	Unknown vehicle
GMC			
2	0.0	23007	Caballero/Sprint
1	0.0	23398	Other automobile
36	0.0	23399	Unknown automobile
447	0.4	23401	Jimmy/Typhoon/Envoy
333	0.3	23421	Jimmy fullsize/Yukon
126	0.1	23431	Suburban
119	0.1	23441	Safari (Minivan)
144	0.1	23461	G-series Van
8	0.0	23466	P-series Van
2	0.0	23470	Van Derivative
229	0.2	23471	S15/T15/Sonoma
5	0.0	23472	Canyon
787	0.7	23481	C,K,R,V-series Pickup
34	0.0	23498	Other lt truck
154	0.1	23499	Unknown light truck
109	0.1	23881	Med/Hvy CBE
17	0.0	23882	Med/Hvy COE low entry
1	0.0	23883	Med/Hvy COE high entry

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
119	0.1	23884	Med/Hvy Unknown engine location
25	0.0	23890	Med/Hvy COE Unknown entry postion
5	0.0	23898	Other medium/heavy truck
20	0.0	23899	Unknown medium/heavy truck
2	0.0	23981	Bus B6000
4	0.0	23988	Other bus
1	0.0	23989	Unknown bus type
34	0.0	23999	Unknown vehicle
Saturn			
698	0.6	24001	SL
217	0.2	24002	SC
37	0.0	24003	SW
0	0.0	24004	EV1 (electric vehicle)
140	0.1	24005	LS
8	0.0	24006	LW
82	0.1	24007	Ion
1	0.0	24398	Other auto
231	0.2	24399	Unknown auto
77	0.1	24401	Vue
0	0.0	24498	Other light truck
2	0.0	24499	Unknown light truck
4	0.0	24999	Unknown vehicle
Grumman			
12	0.0	25441	LLV (Postal vehicle)
0	0.0	25442	Step-in van
0	0.0	25498	Other light truck
0	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 postion
0	0.0	25898	Other medium/heavy truck
1	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
1	0.0	29002	Checker
1	0.0	29398	Other domestic make
0	0.0	29399	Unknown domestic make
Volkswagen			
1	0.0	30031	Karmann Ghia
64	0.1	30032	Beetle 1300/1500
1	0.0	30033	Super Beetle
0	0.0	30034	411/412

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	30035	Squareback/Fastback
4	0.0	30036	Rabbit
0	0.0	30037	Dasher
0	0.0	30038	Scirocco
190	0.2	30040	Jetta
0	0.0	30041	Quantum
64	0.1	30042	Golf/Cabriolet/GTI
3	0.0	30043	Rabbit Pickup
10	0.0	30044	Fox
3	0.0	30045	Corrado
143	0.1	30046	Passat
201	0.2	30047	Jetta III
63	0.1	30048	Golf III
109	0.1	30049	New Beetle
0	0.0	30050	Phaeton
3	0.0	30398	Other automobile
167	0.2	30399	Unknown automobile
0	0.0	30401	The Thing (181)
4	0.0	30421	Touareg
11	0.0	30441	Vanagon/Camper
6	0.0	30442	Eurovan
1	0.0	30498	Other lt truck
1	0.0	30499	Unknown light truck
0	0.0	30998	Other vehicle
2	0.0	30999	Unknown vehicle
Alfa Romeo			
1	0.0	31031	Spider
0	0.0	31032	Sports sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
1	0.0	31035	164
0	0.0	31398	Other automobile
1	0.0	31399	Unknown automobile
0	0.0	31999	Unknown vehicle
Audi			
0	0.0	32031	Super 90
44	0.0	32032	100/A6
0	0.0	32033	Fox
2	0.0	32034	4000
3	0.0	32035	5000
13	0.0	32036	80/90
0	0.0	32037	200
3	0.0	32038	V-8 Quattro
1	0.0	32039	Coupe Quattro
10	0.0	32040	S4/S6
2	0.0	32041	Cabriolet
67	0.1	32042	A4
0	0.0	32043	A3
4	0.0	32044	A8
10	0.0	32045	TT

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	32046	S8
2	0.0	32047	Allroad
1	0.0	32398	Other auto
43	0.0	32399	Unknown auto
3	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
1	0.0	33035	Mini
0	0.0	33398	Other automobile
1	0.0	33399	Unknown automobile
0	0.0	33999	Unknown vehicle
BMW			
5	0.0	34031	1600,2002
2	0.0	34032	Coupe
2	0.0	34033	Bavaria Sedan
328	0.3	34034	3-series
133	0.1	34035	5-series
4	0.0	34036	6-series
64	0.1	34037	7-series
3	0.0	34038	8-series
31	0.0	34039	Z3
5	0.0	34040	Z8
5	0.0	34042	Z4
3	0.0	34398	Other automobile
89	0.1	34399	Unknown automobile
48	0.0	34401	X5
3	0.0	34402	X3
0	0.0	34498	Other light truck
3	0.0	34499	Unknown light truck
0	0.0	34701	0-50cc
0	0.0	34702	51-124cc
0	0.0	34703	125-349cc
0	0.0	34704	350-449cc
3	0.0	34705	450-749cc
25	0.0	34706	750cc & over
10	0.0	34709	Unknown cc
0	0.0	34799	Unknown motorcycle
6	0.0	34999	Unknown vehicle
Nissan/Datsun			
0	0.0	35006	Murano
0	0.0	35031	F-10
150	0.1	35032	200/240SX
5	0.0	35033	B210/210/1200
56	0.1	35034	Z-car, ZX
0	0.0	35035	310
1	0.0	35036	510

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
1	0.0	35037	610
0	0.0	35038	710
739	0.7	35039	810/Maxima
2	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
65	0.1	35042	Stanza
802	0.7	35043	Sentra
6	0.0	35044	Pulsar
0	0.0	35045	Micra
8	0.0	35046	NX 1600/2000
975	0.9	35047	Altima
21	0.0	35048	350Z
16	0.0	35049	
2	0.0	35398	Other auto
441	0.4	35399	Unknown auto
331	0.3	35401	Pathfinder
174	0.2	35402	Xterra
9	0.0	35421	Armada
0	0.0	35441	Van
3	0.0	35442	Axxess
135	0.1	35443	Quest
546	0.5	35471	Pickup / Frontier
17	0.0	35473	Titan
7	0.0	35498	Other light truck
56	0.1	35499	Unknown light truck
32	0.0	35883	Med/Hvy COE high entry
3	0.0	35898	Other medium/heavy truck
8	0.0	35899	Unknown medium/heavy truck
44	0.0	35999	Unknown vehicle
			Fiat
0	0.0	36031	124 Coupe/Sedan
0	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava-131
1	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
0	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	36999	Unknown vehicle
			Honda
2051	1.9	37031	Civic/CRX, del Sol
2771	2.6	37032	Accord
158	0.1	37033	Prelude
2	0.0	37034	600

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
17	0.0	37035	S2000
2	0.0	37037	Insight
0	0.0	37038	FCX
0	0.0	37398	Other automobile
576	0.5	37399	Unknown automobile
89	0.1	37401	Passport
282	0.3	37402	CR-V
36	0.0	37403	Element
68	0.1	37421	Pilot
207	0.2	37441	Odyssey
0	0.0	37498	Other light truck
19	0.0	37499	Unknown light trk
7	0.0	37701	0-50cc
5	0.0	37702	51-124cc
15	0.0	37703	125-349cc
5	0.0	37704	350-449cc
150	0.1	37705	450-749cc
183	0.2	37706	750cc & over
123	0.1	37709	Unknown cc
1	0.0	37731	ATC/ATV 0-50cc
1	0.0	37732	ATC/ATV 51-124cc
10	0.0	37733	ATC/ATV 125-349cc
7	0.0	37734	ATC/ATV 350cc & over
6	0.0	37739	ATC/ATV Unknown cc
10	0.0	37798	Oth motored cycle
29	0.0	37999	Unknown vehicle
Isuzu			
4	0.0	38031	I-Mark
1	0.0	38032	Impulse
2	0.0	38033	Stylus
0	0.0	38398	Other automobile
13	0.0	38399	Unknown automobile
102	0.1	38401	Trooper/Trooper II
318	0.3	38402	Rodeo
14	0.0	38403	Amigo
1	0.0	38404	Vehicross
16	0.0	38405	Axiom
4	0.0	38421	Ascender
5	0.0	38441	Oasis
47	0.0	38471	P/up Pickup Hombre
2	0.0	38498	Other light truck
18	0.0	38499	Unknown light truck
21	0.0	38881	Medium/Heavy CBE
86	0.1	38882	Medium/Heavy COE low entry
0	0.0	38883	Med/Hvy COE high entry
42	0.0	38884	Med/Hvy unknown engine location
25	0.0	38890	Medium/Heavy COE unknown entry position
0	0.0	38898	Other medium/heavy truck
4	0.0	38899	Unknown medium/heavy truck
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other bus
0	0.0	38998	Other vehicle
9	0.0	38999	Unknown vehicle
Jaguar			
5	0.0	39031	XJ-S Coupe
27	0.0	39032	XJ6/12 Sedan/Coupe/XJ-8/ Vandan Plas
1	0.0	39033	XKE
34	0.0	39034	X100 (97-98) / S-Type
46	0.0	39035	X-Type
2	0.0	39398	Other automobile
15	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
1	0.0	41032	RX3
0	0.0	41033	RX4
22	0.0	41034	RX7
419	0.4	41035	GLC/323/Protege
0	0.0	41036	Cosmo
476	0.4	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
1	0.0	41041	616/618
0	0.0	41042	1800
41	0.0	41043	929
65	0.1	41044	MX-6
57	0.1	41045	Miata
26	0.0	41046	MX-3
74	0.1	41047	Millenia
2	0.0	41048	MP3
8	0.0	41049	RX-8
49	0.0	41050	Mazda 6
26	0.0	41051	Mazda 3
2	0.0	41398	Other auto
120	0.1	41399	Unknown automobile
8	0.0	41401	Navajo
78	0.1	41402	Tribute
126	0.1	41441	MPV
214	0.2	41471	Mazda pickup
1	0.0	41498	Other light truck

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
12	0.0	41499	Unknown light truck
15	0.0	41999	Unknown vehicle
Mercedes Benz			
136	0.1	42031	200/220/230/240/250/260/280/300/320/420
4	0.0	42032	230/280 SL 2-passenger
14	0.0	42033	300/350/380/450/500 SL/560 SL 2-passenger
2	0.0	42034	350/380/420/450/560 SLC
2	0.0	42035	280/300 SEL
19	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
6	0.0	42037	300 SE/380/450 SE
2	0.0	42038	600,6.9 Sedan
27	0.0	42039	190
41	0.0	42040	300
7	0.0	42041	400/500 E
44	0.0	42042	220/280 C
55	0.1	42043	S class
11	0.0	42044	SL class
8	0.0	42045	SLK
5	0.0	42046	CL class
30	0.0	42047	CLK
91	0.1	42048	E class (96-on)
17	0.0	42398	Other automobile
101	0.1	42399	Unknown automobile
68	0.1	42401	M class
5	0.0	42402	G class
0	0.0	42470	Van derivative
1	0.0	42498	Other light truck
2	0.0	42499	Unknown light truck
1	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
0	0.0	42989	Unknown Bus type
7	0.0	42999	Unknown vehicle
MG			
1	0.0	43031	Midget
0	0.0	43032	MGB (76-79)
0	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
0	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

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
			Peugeot
0	0.0	44031	304
0	0.0	44032	403
0	0.0	44033	404
1	0.0	44034	504/505
0	0.0	44035	604
0	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
19	0.0	45031	911
0	0.0	45032	912
1	0.0	45033	914
1	0.0	45034	924
0	0.0	45035	928
0	0.0	45036	930
5	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
13	0.0	45040	986 Boxster
0	0.0	45398	Other automobile
7	0.0	45399	Unknown automobile
4	0.0	45421	Cayenne
0	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
35	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
2	0.0	47033	95/96/97

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
16	0.0	47034	9000, CS
27	0.0	47035	9-3
17	0.0	47036	9-5
0	0.0	47398	Other automobile
39	0.0	47399	Unknown automobile
0	0.0	47999	Unknown vehicle
Subaru			
24	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale
0	0.0	48032	Star
0	0.0	48033	360
304	0.3	48034	Legacy
1	0.0	48035	XT/XT6
1	0.0	48036	Justy
4	0.0	48037	SVX
89	0.1	48038	Impreza
17	0.0	48043	Brat DL, GL
7	0.0	48044	Baja
7	0.0	48045	Outback
1	0.0	48398	Other automobile
110	0.1	48399	Unknown automobile
88	0.1	48401	Forester
0	0.0	48498	Other light truck
10	0.0	48499	Unknown light truck
23	0.0	48999	Unknown vehicle
Toyota			
3	0.0	49031	Corona
1528	1.4	49032	Corolla
248	0.2	49033	Celica
29	0.0	49034	Supra
27	0.0	49035	Cressida
0	0.0	49036	Crown
1	0.0	49037	Carina
213	0.2	49038	Tercel
0	0.0	49039	Starlet
2300	2.1	49040	Camry
25	0.0	49041	MR-2
34	0.0	49042	Paseo
205	0.2	49043	Avalon
47	0.0	49044	Solara
86	0.1	49045	Echo
26	0.0	49046	Prius
11	0.0	49048	Scion XA
3	0.0	49049	Scion XB
6	0.0	49398	Other automobile
609	0.6	49399	Unknown automobile
506	0.5	49401	4-Runner
205	0.2	49402	RAV-4
100	0.1	49403	Highlander
19	0.0	49404	Matrix
49	0.0	49421	Landcruiser

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
59	0.1	49422	Sequoia
58	0.1	49441	Minivan (84-90)/Previa (91-98)
174	0.2	49442	Sienna
372	0.3	49471	Pickup
486	0.4	49472	Takoma
22	0.0	49481	T-100
173	0.2	49482	Tundra
9	0.0	49498	Other light truck
138	0.1	49499	Unknown light truck
51	0.0	49999	Unknown vehicle
			Triumph
0	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
2	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
2	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
2	0.0	50705	450-749 cc
11	0.0	50706	750cc & over
6	0.0	50709	Unknown cc
0	0.0	50799	Unknown motored cycle
0	0.0	50999	Unknown vehicle
			Volvo
1	0.0	51031	122
1	0.0	51032	142/144/145
0	0.0	51033	164
70	0.1	51034	240/242/244/245
1	0.0	51035	262/264/265
2	0.0	51036	1800
7	0.0	51038	760/780
49	0.0	51039	740
22	0.0	51040	940
16	0.0	51041	960
58	0.1	51042	850
79	0.1	51043	70 series
4	0.0	51044	90 series
45	0.0	51045	80 series
44	0.0	51046	40 series
31	0.0	51047	60 series
0	0.0	51398	Other automobile
94	0.1	51399	Unknown automobile
12	0.0	51401	XC90
356	0.3	51881	Medium/Heavy CBE

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
12	0.0	51882	Medium/Heavy COE low entry
0	0.0	51883	Medium/Heavy COE high entry
138	0.1	51884	Medium/Heavy unknown engine location
9	0.0	51890	Medium/Heavy COE unknown entry position
0	0.0	51898	Other medium/heavy truck
7	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
			Mitsubishi
0	0.0	52031	Starion
2	0.0	52032	Tredia
0	0.0	52033	Cordia
409	0.4	52034	Galant
177	0.2	52035	Mirage
1	0.0	52036	Precis
380	0.4	52037	Eclipse
1	0.0	52038	Sigma
32	0.0	52039	3000 GT
61	0.1	52040	Diamante
105	0.1	52046	Lancer
1	0.0	52398	Other automobile
121	0.1	52399	Unknown automobile
223	0.2	52401	Montero
19	0.0	52402	Outlander
16	0.0	52403	Endeavor
0	0.0	52441	Minivan
14	0.0	52442	Expo wagon
24	0.0	52471	Pickup
4	0.0	52498	Other light truck
8	0.0	52499	Unknown light truck
51	0.0	52882	Medium/Heavy COE low entry
2	0.0	52898	Other medium/heavy truck
12	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
15	0.0	52999	Unknown vehicle
			Suzuki
0	0.0	53031	SA310
11	0.0	53034	Swift
29	0.0	53035	Esteem
27	0.0	53036	Aerio
8	0.0	53037	Forenza
3	0.0	53038	Verona
1	0.0	53398	Other automobile
9	0.0	53399	Unknown automobile
12	0.0	53401	Samurai

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
61	0.1	53402	Sidekick/Grand Vitara
27	0.0	53403	X-90/Vitara
19	0.0	53404	Grand Vitara
19	0.0	53405	XL7
1	0.0	53498	Other light truck
0	0.0	53499	Unknown light truck
4	0.0	53701	0-50cc
0	0.0	53702	51-124cc
5	0.0	53703	125-349cc
3	0.0	53704	350-449cc
132	0.1	53705	450-749cc
114	0.1	53706	750cc & over
72	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
0	0.0	53734	ATC/ATV 350cc & over
0	0.0	53739	ATC/ATV unknown cc
1	0.0	53798	
10	0.0	53799	Unknown motored cycle
5	0.0	53999	Unknown vehicle
Acura			
277	0.3	54031	Integra
182	0.2	54032	Legend (86-95) RL (96-2000)
2	0.0	54033	NSX
15	0.0	54034	Vigor
220	0.2	54035	CL / TL
42	0.0	54038	RSX
10	0.0	54039	
4	0.0	54398	Other automobile
97	0.1	54399	Unknown automobile
3	0.0	54401	SLX
51	0.0	54421	MDX
1	0.0	54498	Other light truck
4	0.0	54499	Unknown light truck
4	0.0	54999	Unknown vehicle
Hyundai			
0	0.0	55031	Pony
19	0.0	55032	Excel
165	0.2	55033	Sonata
8	0.0	55034	Scoupe
332	0.3	55035	Elantra
226	0.2	55036	Accent
77	0.1	55037	Tiburon
23	0.0	55038	XG300/350
0	0.0	55398	Other automobile
209	0.2	55399	Unknown automobile
91	0.1	55401	Santa Fe
1	0.0	55498	Other light truck
4	0.0	55499	Unknown light truck

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
4	0.0	55999	Unknown vehicle
			Merkur
3	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
1	0.0	57399	Unknown automobile
0	0.0	57999	Unknown vehicle
			Infiniti
7	0.0	58031	M30
49	0.0	58032	Q45
54	0.0	58033	G20
42	0.0	58034	J30
66	0.1	58035	I30
13	0.0	58036	I35
30	0.0	58037	G35
3	0.0	58038	M45
6	0.0	58039	FX35/45
1	0.0	58398	Other automobile
42	0.0	58399	Unknown automobile
48	0.0	58401	QX4
0	0.0	58421	QX56
0	0.0	58498	Other light truck
2	0.0	58499	Unknown light truck
3	0.0	58999	Unknown vehicle
			Lexus
213	0.2	59031	ES-250/ES-300
82	0.1	59032	LS-400
29	0.0	59033	SC-400/SC-300
63	0.1	59034	GS300/GS400
31	0.0	59035	IS-300
7	0.0	59036	SC-430
10	0.0	59398	Other automobile
64	0.1	59399	Unknown automobile
137	0.1	59401	RX300
8	0.0	59402	GX470
25	0.0	59421	LX-450/LX-470
2	0.0	59498	Other light truck
7	0.0	59499	Unknown light truck
9	0.0	59999	Unknown vehicle
			Daihatsu
4	0.0	60031	Charade
0	0.0	60398	Other automobile

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	60399	Unknown automobile
0	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
2	0.0	61398	Other automobile
0	0.0	61399	Unknown automobile
0	0.0	61999	Unknown vehicle
			Land Rover
87	0.1	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
19	0.0	62421	County LWB (RR)/County Classic (RR)
16	0.0	62422	4.0 SE (RR)/Defender 90 (LR)/Freelander
3	0.0	62498	Other light truck
7	0.0	62499	Unknown light truck
3	0.0	62999	Unknown vehicle
			KIA
167	0.2	63031	Sephia
130	0.1	63032	Spectra
78	0.1	63033	Rio
74	0.1	63034	Optima
4	0.0	63035	Amanti
2	0.0	63398	Other automobile
54	0.0	63399	Unknown automobile
125	0.1	63401	Sportage
31	0.0	63402	Sorrento
47	0.0	63441	Sedona
0	0.0	63498	Other light truck
7	0.0	63499	Unknown light truck
4	0.0	63999	Unknown vehicle
			DAEWOO
37	0.0	64031	Lanos
31	0.0	64032	Nubira
44	0.0	64033	Leganza
7	0.0	64399	Unknown automobile
			MINI
19	0.0	65031	Cooper
			Other Imports
1	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

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
0	0.0	69039	Lotus
1	0.0	69040	Maserati
0	0.0	69041	Morris
2	0.0	69042	Rolls Royce/Bentley
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
1	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
1	0.0	69053	Lada
0	0.0	69398	Other make
0	0.0	69399	Unknown make
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
1	0.0	71705	450-749cc
14	0.0	71706	750cc & over
7	0.0	71709	Unknown cc
0	0.0	71798	Other motored cycle
0	0.0	71799	Unknown motorcycle
Harley-Davidson			
1	0.0	72701	0-50cc
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
1	0.0	72705	450-749cc
390	0.4	72706	750cc & over
152	0.1	72709	Unknown cc
0	0.0	72798	Other motored cycle
11	0.0	72799	Unknown motorcycle

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
			Kawasaki
1	0.0	73701	0-50cc
2	0.0	73702	51-124cc
17	0.0	73703	125-349cc
2	0.0	73704	350-449cc
52	0.0	73705	450-749cc
89	0.1	73706	750cc & over
56	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
1	0.0	73734	ATC/ATV 350cc & over
1	0.0	73739	ATC/ATV unknown cc
1	0.0	73798	Other motored cycle
5	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
0	0.0	74705	450-749cc
0	0.0	74706	750cc & over
3	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
0	0.0	75709	Unknown cc
0	0.0	75798	Other motored cycle
0	0.0	75799	Unknown motorcycle
			Yamaha
5	0.0	76701	0-50cc
2	0.0	76702	51-124cc
5	0.0	76703	125-349cc
2	0.0	76704	350-449cc
91	0.1	76705	450-749cc
97	0.1	76706	750cc & over
96	0.1	76709	Unknown cc
0	0.0	76731	ATC/ATV 0-50cc

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	76732	ATC/ATV 51-124cc
5	0.0	76733	ATC/ATV 125-349cc
4	0.0	76734	ATC/ATV 350cc & over
7	0.0	76739	ATC/ATV unknown cc
10	0.0	76798	Oth motored cycle
4	0.0	76799	Unknown motorcycle
2	0.0	76998	Other vehicle
Other Make Moped			
2	0.0	78701	0-50cc
0	0.0	78702	51-124cc
34	0.0	78709	Unknown cc
7	0.0	78798	Oth motored cycle
10	0.0	78799	Unknown motorcycle
Other Make Motored Cycle			
1	0.0	79701	0-50cc
2	0.0	79702	51-124cc
0	0.0	79703	125-349cc
0	0.0	79704	350-449cc
4	0.0	79705	450-749cc
12	0.0	79706	750cc & over
47	0.0	79709	Unknown cc
3	0.0	79731	ATC/ATV 0-50cc
0	0.0	79732	ATC/ATV 51-124cc
0	0.0	79733	ATC/ATV 125-349cc
1	0.0	79734	ATC/ATV 350cc & over
6	0.0	79739	ATC/ATV unknown cc
30	0.0	79798	Other motored cycle
13	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
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
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

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
			Freightliner/White
6	0.0	82461	Sprinter/Advantage
4	0.0	82470	M-Line Walk in van
1	0.0	82498	Other light truck
1	0.0	82499	Unknown light truck
2	0.0	82850	M/H truck-based motorhome
1836	1.7	82881	Medium/Hvy CBE
25	0.0	82882	Medium/Hvy COE low entry
115	0.1	82883	Medium/Hvy COE high entry
402	0.4	82884	Medium/Hvy Unknown engine location
24	0.0	82890	Medium/Hvy COE Unknown entry position
10	0.0	82898	Other medium/hvy trk
5	0.0	82899	Unknown medium/hvy trk
2	0.0	82981	Bus conventional engine out front
12	0.0	82988	Other bus
11	0.0	82989	Unknown bus type
			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
0	0.0	83884	Med/Hvy Unknown engine location
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
			International Harvester/Navistar
3	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistep Van
1	0.0	84481	Pickup
1	0.0	84498	Other lt trk
3	0.0	84499	Unknown light truck
0	0.0	84850	M/H truck-based motorhome
1238	1.1	84881	Medium/Heavy CBE
6	0.0	84882	Medium/Heavy COE low entry
26	0.0	84883	Medium/Heavy COE high entry
502	0.5	84884	Medium/Heavy unknown engine location
14	0.0	84890	Medium/Heavy COE unknown entry position
3	0.0	84898	Other medium/heavy truck
42	0.0	84899	Unknown medium/heavy truck
0	0.0	84950	Bus-based motorhome
47	0.0	84981	Conventional bus
2	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
46	0.0	84988	Other bus
10	0.0	84989	Unknown bus type
1	0.0	84998	Other vehicle
0	0.0	84999	Unknown vehicle

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
Kenworth			
0	0.0	85850	M/H truck-based motorhome
773	0.7	85881	Med/Hvy CBE
0	0.0	85882	Medium/Heavy COE low entry
1	0.0	85883	Medium/Heavy COE high entry
112	0.1	85884	Medium/Heavy Unknown engine location
10	0.0	85890	Medium/Heavy COE Unknown entry position
1	0.0	85898	Other medium/heavy truck
7	0.0	85899	Unknown medium/heavy truck
Mack			
0	0.0	86850	M/H truck-based motorhome
538	0.5	86881	Medium/Heavy CBE
35	0.0	86882	Medium/Heavy COE low entry
7	0.0	86883	Medium/Heavy COE high entry
290	0.3	86884	Medium/Heavy Unknown engine location
14	0.0	86890	Medium/Heavy COE Unknown entry position
10	0.0	86898	Other medium/heavy truck
21	0.0	86899	Unknown medium/heavy truck
Peterbilt			
0	0.0	87850	M/H truck-based motorhome
729	0.7	87881	Medium/Heavy CBE
12	0.0	87882	Medium/Heavy COE low entry
10	0.0	87883	Medium/Heavy COE high entry
119	0.1	87884	Medium/Heavy Unknown engine location
5	0.0	87890	Medium/Heavy COE Unknown entry position
1	0.0	87898	Other medium/heavy truck
4	0.0	87899	Unknown medium/heavy truck
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
Other Make			
4	0.0	98498	Other Light truck
9	0.0	98801	AUTOCAR
0	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
86	0.1	98804	WESTERN STAR
14	0.0	98805	OSHKOSH
31	0.0	98806	HINO
1	0.0	98807	SCANIA
205	0.2	98808	Sterling trucks
5	0.0	98850	Medium/Heavy truck-based motorhome
91	0.1	98898	Other medium/heavy truck

Variable 106:MAKE/MODEL (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	98902	Bus NEOPLAN
0	0.0	98950	Bus-based motorhome
212	0.2	98988	Other bus
92	0.1	98998	Other vehicle
1	0.0	98999	Unknown vehicle
Unknown Make			
630	0.6	99399	Unknown automobile
294	0.3	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
66	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
491	0.5	99899	Unknown medium/heavy truck
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
31	0.0	99988	Other bus
27	0.0	99989	Unknown bus type
0	0.0	99998	Other vehicle
1051	1.0	99999	Unknown vehicle

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

NHTSA SAS Variable - MODEL_YR

27Sep05	Prcnt	Code	Value and Description
1	0.0	1923	1923
		-	
6585	6.1	1995	1995

Variable 107:MODEL YEAR (Continued)

27Sep05	Prcnt	Code	Value and Description
6241	5.8	1996	1996
7008	6.5	1997	1997
7193	6.6	1998	1998
8272	7.6	1999	1999
8934	8.2	2000	2000
8157	7.5	2001	2001
8136	7.5	2002	2002
8029	7.4	2003	2003
5910	5.5	2004	2004
727	0.7	2005	2005
3	0.0	2006	2006
3248	3.0	9999	Unknown

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

NHTSA SAS Variable - BODY_TYP

27Sep05	Prcnt	Code	Value and Description
Automobiles			
879	0.8	1	Convertible (excludes sun roof, t-bar)
8144	7.5	2	2-door sedan, hardtop, coupe
2415	2.2	3	3-door/2-door hatchback
35443	32.7	4	4-door sedan, hardtop
486	0.4	5	5-door/4-door hatchback
1962	1.8	6	Station wagon (excluding van and truck based)
15	0.0	7	Hatchback, number of doors unknown
22	0.0	8	Other automobile type
7832	7.2	9	Unknown automobile type
Automobile Derivatives			
35	0.0	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit Pickup)
6	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			
10457	9.6	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.)
2460	2.3	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.)

Variable 108:BODY TYPE (Continued)

27Sep05	Prcnt	Code	Value and Description
631	0.6	16	Utility station wagon (Chevrolet Suburban, GMC Suburban, Travelall, Grand Wagoneer, and Suburban limousine)
170	0.2	17	3-door coupe (passenger car, added in 1999)
274	0.3	19	Utility vehicle, unknown body type
Van-Based Light Trucks (<=4,536 kg GVWR)			
4994	4.6	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.)
1404	1.3	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.)
31	0.0	22	Step van or walk-in van (<=4,536 kg GVWR)
21	0.0	23	Van-based motorhome
13	0.0	24	Van-based school bus (added in 1993)
62	0.1	25	Van-based other bus (added in 1993)
253	0.2	28	Other van type (Hi-Cube, Kary)
545	0.5	29	Unknown van type
Light Conventional Trucks (pickup style cab, <=4,536 kg GVWR)			
4994	4.6	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.)
8311	7.7	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)
16	0.0	32	Pickup with slide-in camper
2	0.0	33	Convertible pickup
978	0.9	39	Unknown (pickup style) light conventional truck
Other Light Trucks (<=4,536 kg GVWR)			
202	0.2	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
1	0.0	41	Truck-based panel
7	0.0	42	Light truck-based motorhome (chassis mounted)
20	0.0	45	Other light truck type
633	0.6	48	Unknown light truck type (utility, van, pickup, or other light truck)
832	0.8	49	Unknown light vehicle type (automobile, utility, van, or light truck)
Buses (excludes van-based)			
201	0.2	50	School bus type (designed to carry students, not cross country or transit)
223	0.2	58	Other bus type (transit, intercity, bus-based motorhome)
30	0.0	59	Unknown bus type
Medium/Heavy Trucks (>4,536 kg GVWR)			
43	0.0	60	Step Van

Variable 108:BODY TYPE (Continued)

27Sep05	Prcnt	Code	Value and Description
3031	2.8	64	Single unit straight truck
22	0.0	65	Medium/heavy truck-based motorhome
5827	5.4	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
1005	0.9	78	Unknown medium/heavy truck type
30	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (does not include all terrain vehicles/cycles)			
2073	1.9	80	Motorcycle
76	0.1	81	Moped (motorized bicycle)
5	0.0	82	Three wheeled motorcycle or moped
59	0.1	88	Other motored cycle type (minibike, motorscooter)
23	0.0	89	Unknown motored cycle type
Other Vehicles			
58	0.1	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
5	0.0	91	Snowmobile
21	0.0	92	Farm equipment other than trucks
30	0.0	93	Construction equipment other than trucks (includes graders)
46	0.0	97	Other type vehicle (includes go-cart, fork lift, city street sweeper, motorized wheelchair)
1052	1.0	99	Unknown body type

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

NHTSA SAS Variable - CARG_TYP

27Sep05	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
96971	89.4	0	Not applicable
454	0.4	1	Bus
2897	2.7	2	Van/enclosed box
363	0.3	3	Cargo tank
882	0.8	4	Flatbed
899	0.8	5	Dump
105	0.1	6	Concrete mixer
103	0.1	7	Auto transporter
238	0.2	8	Garbage/refuse
624	0.6	98	Other
4877	4.5	99	Unknown cargo body type

Variable 110	NO OF AXLES ON VEH/TRAIL	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - AXLES

Number of axles on vehicle, including trailers

27Sep05	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
96971	89.4	0	Not applicable
0	0.0	1	1 axle
1372	1.3	2	2 axles
1005	0.9	3	3 axles
236	0.2	4	4 axles
1828	1.7	5	5 axles
120	0.1	6	6 axles
37	0.0	7	7 axles
20	0.0	8	8 axles
		-	
1	0.0	14	14 axles
6760	6.2	99	Unknown

Variable 111	VIN	Width: 11	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN

Variable 112	SPECIAL USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SPEC_USE

Vehicle special use (this trip)

27Sep05	Prcnt	Code	Value and Description
106559	98.3	0	No special use
64	0.1	1	Taxi
215	0.2	2	Vehicle used as school bus
277	0.3	3	Vehicle used as other bus
2	0.0	4	Military
265	0.2	5	Police
43	0.0	6	Ambulance
55	0.1	7	Fire truck and car
0	0.0	10	Hearse
21	0.0	11	Farm equipment
30	0.0	12	Construction equipment
882	0.8	99	Unknown

<u>Variable 113</u>	<u>HAZ MATERIAL PLACARD NO</u>	Width: 5	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - HAZM_NO

Hazardous materials placard number

27Sep05	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
104649	96.5	0	Not applicable
1	0.0	1030	- Actual number
		1	0.0 3307
3627	3.3	9999	Unknown

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

NHTSA SAS Variable - HAZ_MAT

Hazardous materials placarded

27Sep05	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
104640	96.5	0	Not applicable
174	0.2	1	Yes
9	0.0	2	No
3590	3.3	9	Unknown

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

NHTSA SAS Variable - HAZ_MA_R

Hazardous materials release

27Sep05	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
104639	96.5	0	Not applicable
44	0.0	1	Yes
866	0.8	2	No
2864	2.6	9	Unknown

Variable 116	EMERGENCY USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EMCY_USE

27Sep05	Prcnt	Code	Value and Description
108198	99.8	0	No emergency use or not an applicable vehicle
189	0.2	1	Yes
26	0.0	9	Unknown

Variable 117	CARRIER'S ID NUMBER	Width: 9	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - CARIDNUM

Carrier's identification number

27Sep05	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79)
		0	Not applicable
		1	- U.S. DOT or ICC MC number
		999999998	
		999999999	Unknown

Variable 118	NUM OCC INVOLVED 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 (added in 2000)

27Sep05	Prcnt	Code	Value and Description
249	0.2	0	0 occupants involved
79852	73.7	1	1 occupant involved
19050	17.6	2	2 occupants involved
5545	5.1	3	3 occupants involved
2465	2.3	4	4 occupants involved
815	0.8	5	5 occupants involved
		-	
1	0.0	60	60 occupants involved

Variable 119	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

27Sep05	Prcnt	Code	Value and Description
249	0.2	0	0 occupants
72122	66.5	1	- Actual number of occupants
1	0.0	70	
6565	6.1	99	Unknown number of occupants coded

Variable 120	TRAVEL SPEED	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SPEED

27Sep05	Prcnt	Code	Value and Description
14191	13.1	0	Stopped vehicle
158	0.1	1	- Actual travel speed (MPH)
1	0.0	140	
60537	55.8	999	Unknown

Variable 121	VEHICLE TRAILERING	Width: 1	Type: Numeric
		Dec: None	Miss: 6

NHTSA SAS Variable - TRAILER

27Sep05	Prcnt	Code	Value and Description
101048	93.2	1	No trailing units
6411	5.9	2	Yes, one trailing unit
147	0.1	3	Yes, two trailing units
12	0.0	4	Yes, three or more trailing units
19	0.0	5	Yes, number of trailing units unknown
776	0.7	6	Unknown

Variable 122	JACKKNIFE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - JACKKNIFE

Variable 122:JACKKNIFE (Continued)

27Sep05 Prcnt Code Value and Description

108106	99.7	0	No jackknife noted on PAR
307	0.3	1	Jackknife occurred

Variable 123	ROLLOVER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ROLLOVER

27Sep05 Prcnt Code Value and Description

103428	95.4	0	No rollover
300	0.3	10	Untripped rollover
172	0.2	20	Tripped rollover - by curb
228	0.2	21	Tripped rollover - by guardrail
829	0.8	22	Tripped rollover - by ditch
121	0.1	23	Tripped rollover - by soft soil
2152	2.0	28	Tripped rollover - other
290	0.3	29	Tripped rollover - unknown mechanism
893	0.8	99	Rollover, unknown whether untripped or tripped

Variable 124	FIRE OCCURRENCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FIRE

27Sep05 Prcnt Code Value and Description

108173	99.8	0	No fire noted on PAR
240	0.2	1	Fire occurred in vehicle

Variable 125	INITIAL POINT OF IMPACT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPACT

27Sep05 Prcnt Code Value and Description

3285	3.0	0	No damage or noncollision
46118	42.5	1	Front
14688	13.5	2	Right side
15547	14.3	3	Left side
20016	18.5	4	Back
85	0.1	5	Top
423	0.4	6	Undercarriage
2715	2.5	11	Front right corner
2819	2.6	12	Front left corner

Variable 125:INITIAL POINT OF IMPACT (Continued)

27Sep05	Prcnt	Code	Value and Description
475	0.4	13	Back right corner
496	0.5	14	Back left corner
1746	1.6	99	Initial point of impact unknown

Variable 126	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

27Sep05	Prcnt	Code	Value and Description
2799	2.6	0	No damage
61691	56.9	1	Front
13884	12.8	2	Right side
11927	11.0	3	Left side
11847	10.9	4	Back
264	0.2	5	Top
270	0.2	6	Undercarriage
1710	1.6	7	All areas damaged
4021	3.7	9	Unknown damage areas

Variable 127	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

27Sep05	Prcnt	Code	Value and Description
56161	51.8	0	No damage
0	0.0	1	Front
22648	20.9	2	Right side
14286	13.2	3	Left side
7672	7.1	4	Back
886	0.8	5	Top
790	0.7	6	Undercarriage
0	0.0	7	All areas damaged
5970	5.5	9	Unknown damage areas

Variable 128	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

27Sep05 Prcnt Code Value and Description

85423	78.8	0	No damage
0	0.0	1	Front
0	0.0	2	Right side
11678	10.8	3	Left side
3096	2.9	4	Back
785	0.7	5	Top
704	0.6	6	Undercarriage
0	0.0	7	All areas damaged
6727	6.2	9	Unknown damage areas

Variable 129	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

27Sep05 Prcnt Code Value and Description

97789	90.2	0	No damage
0	0.0	1	Front
0	0.0	2	Right side
0	0.0	3	Left side
2104	1.9	4	Back
890	0.8	5	Top
633	0.6	6	Undercarriage
0	0.0	7	All areas damaged
6997	6.5	9	Unknown damage areas

Variable 130	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

27Sep05 Prcnt Code Value and Description

100577	92.8	0	No damage
0	0.0	1	Front
0	0.0	2	Right side
0	0.0	3	Left side
0	0.0	4	Back

Variable 130:DAMAGE AREA #5 (Continued)

27Sep05	Prcnt	Code	Value and Description
509	0.5	5	Top
255	0.2	6	Undercarriage
0	0.0	7	All areas damaged
7072	6.5	9	Unknown damage areas

Variable 131	DAMAGE SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VEH_SEV

27Sep05	Prcnt	Code	Value and Description
2780	2.6	0	None
20613	19.0	1	Minor (and not towed due to damage)
20094	18.5	2	Moderate (functional from 1988-2003)
34853	32.1	3	Severe (disabling from 1988-2003)
30073	27.7	9	Unknown

Variable 132	MANNER OF LEAVING SCENE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TOWED

27Sep05	Prcnt	Code	Value and Description
54593	50.4	1	Driven away
48395	44.6	2	Towed due to damage
4658	4.3	3	Towed not due to damage
350	0.3	4	Abandoned
417	0.4	9	Unknown if towed

Variable 133	MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - V_EVENT

27Sep05	Prcnt	Code	Value and Description
Noncollision			
5135	4.7	1	Rollover/overturn
119	0.1	2	Fire/explosion
29	0.0	3	Immersion
0	0.0	4	Gas inhalation
120	0.1	5	Jackknife
87	0.1	6	Noncollision injury (injured in or fell from vehicle)

Variable 133:MOST HARMFUL EVENT (Continued)

27Sep05	Prcnt	Code	Value and Description
20	0.0	7	Pavement surface irregularity (ruts, potholes, grates, etc.)
345	0.3	8	Other noncollision
7	0.0	9	Noncollision - no details
10	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1856	1.7	21	Pedestrian
1261	1.2	22	Cycle or cyclist (pedalcycle or pedalcyclist)
25	0.0	23	Railway train
1581	1.5	24	Animal
85066	78.5	25	Motor vehicle in transport
2031	1.9	26	Parked motor vehicle (or other mv not in transport)
67	0.1	27	Other type nonmotorist
709	0.7	28	Other object not fixed
19	0.0	29	Object not fixed - no details
Collision with Fixed Object			
30	0.0	31	Ground
204	0.2	32	Building
27	0.0	33	Impact attenuator or crash cushion
226	0.2	34	Bridge structure (bridge pier/abutment/parapet end/rail)
1170	1.1	35	Guardrail
1090	1.0	36	Concrete traffic barrier or other longitudinal barrier type
2161	2.0	37	Sign post, utility pole or other support
1004	0.9	38	Culvert or ditch
301	0.3	39	Curb
374	0.3	40	Embankment
375	0.3	41	Fence
154	0.1	42	Wall
100	0.1	43	Fire hydrant
46	0.0	44	Shrubbery or bush
2075	1.9	45	Tree
62	0.1	46	Boulder
403	0.4	58	Other fixed object
46	0.0	59	Fixed object - no details
78	0.1	99	Unknown most harmful event

Variable 134	MHE EVENT NUMBER	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"

Variable 134:MHE EVENT NUMBER (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	0	None
95348	87.9	1	- Actual event number
1	0.0	16	

Variable 135	PRIOR TO CRITICAL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CRASH1

Movement prior to critical event (Precrash 1)

27Sep05	Prcnt	Code	Value and Description
276	0.3	0	No driver present
57340	52.9	1	Going straight
5955	5.5	2	Decelerating in traffic lane
203	0.2	3	Accelerating in traffic lane
2261	2.1	4	Starting in traffic lane
12823	11.8	5	Stopped in traffic lane
1349	1.2	6	Passing or overtaking another vehicle
136	0.1	7	Disabled or parked in travel lane
321	0.3	8	Leaving a parked position
119	0.1	9	Entering a parked position
3190	2.9	10	Turning right
11061	10.2	11	Turning left
546	0.5	12	Making a U-turn
1081	1.0	13	Backing up (other than for parking position/purposes)
5309	4.9	14	Negotiating a curve
3421	3.2	15	Changing lanes
519	0.5	16	Merging
308	0.3	17	Successful corrective action/avoidance maneuver to a previous critical event
314	0.3	97	Other
1881	1.7	99	Unknown

Variable 136	CRITICAL EVENT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - P_CRASH2

Critical event (Precrash 2)

27Sep05	Prcnt	Code	Value and Description
0	0.0	0	Not applicable/no collision

Variable 136:CRITICAL EVENT (Continued)

27Sep05	Prcnt	Code	Value and Description
This Vehicle Loss of Control Due To:			
330	0.3	1	Blow out or flat tire
29	0.0	2	Stalled engine
232	0.2	3	Disabling vehicle failure (e.g. wheel fell off)
60	0.1	4	Non-disabling (minor) vehicle problem (e.g. hood flew up)
1023	0.9	5	Poor road conditions (puddle, pothole, ice, etc.)
4639	4.3	6	Traveling too fast for conditions (excessive speed)
744	0.7	8	Other cause of control loss
525	0.5	9	Unknown cause of control loss
This Vehicle Traveling:			
3786	3.5	10	Over the lane line on left side of travel lane
2742	2.5	11	Over the lane line on right side of travel lane
1810	1.7	12	Off the edge of the road on the left side
3215	3.0	13	Off the edge of the road on the right side
208	0.2	14	End departure
7797	7.2	15	Turning left at intersection
1176	1.1	16	Turning right at intersection
6481	6.0	17	Crossing over (passing through) intersection
2376	2.2	18	This vehicle decelerating
285	0.3	19	Unknown travel direction
Other Motor Vehicle in Lane:			
8915	8.2	50	Other vehicle stopped
1838	1.7	51	Traveling in same direction with lower steady speed
5245	4.8	52	Traveling in same direction while decelerating (added in 1995)
15407	14.2	53	Traveling in same direction with higher speed
604	0.6	54	Traveling in opposite direction
10	0.0	55	In crossover
519	0.5	56	Backing
348	0.3	59	Unknown travel direction of the other motor vehicle in lane
Another Vehicle Encroaching into This Vehicle's Lane:			
3799	3.5	60	From adjacent lane (same direction) - over left lane line
3596	3.3	61	From adjacent lane (same direction) - over right lane line
7225	6.7	62	From opposite direction over left lane line
262	0.2	63	From opposite direction over right lane line
297	0.3	64	From parallel/diagonal parking lane
1012	0.9	65	From crossing street, turning into same direction
5643	5.2	66	From crossing street, straight across path
2142	2.0	67	From crossing street, turning into opposite direction
86	0.1	68	From crossing street, intended path unknown
485	0.4	70	From driveway, alley access, etc. - turning into same direction
184	0.2	71	From driveway, alley access, etc. - straight across path

Variable 136:CRITICAL EVENT (Continued)

27Sep05	Prcnt	Code	Value and Description
792	0.7	72	From driveway, alley access, etc. - turning into opposite direction
273	0.3	73	From driveway, alley access, etc. - intended path unknown
135	0.1	74	From entrance to limited access highway
390	0.4	78	Encroachment by other vehicle - details unknown
Pedestrian, Pedalcyclist or Other Nonmotorist:			
1724	1.6	80	Pedestrian in roadway
8	0.0	81	Pedestrian approaching roadway
14	0.0	82	Pedestrian unknown location
1151	1.1	83	Pedalcyclist/other nonmotorist in roadway
15	0.0	84	Pedalcyclist/other nonmotorist approaching roadway
7	0.0	85	Pedalcyclist or other nonmotorist unknown location
Object or Animal:			
2091	1.9	87	Animal in roadway
4	0.0	88	Animal approaching roadway
8	0.0	89	Animal unknown location
862	0.8	90	Object in roadway
35	0.0	91	Object approaching roadway
5	0.0	92	Object unknown location
Other:			
4139	3.8	98	Other event/not applicable/no collision
Unknown:			
1685	1.6	99	Unknown critical event

Variable 137	CORRECTIVE ACTION ATTEMP	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CRASH3

Corrective action attempted (Precrash 3)

27Sep05	Prcnt	Code	Value and Description
276	0.3	0	No driver present
23158	21.4	1	No avoidance maneuver
Single Corrective Action			
2308	2.1	2	Braking (no lockup)
2263	2.1	3	Braking (lockup)
2140	2.0	4	Braking (lockup unknown)
8	0.0	5	Releasing brakes
2755	2.5	6	Steering to left
2650	2.4	7	Steering to right

Variable 137:CORRECTIVE ACTION ATTEMP (Continued)

27Sep05	Prcnt	Code	Value and Description
			Multiple Corrective Actions
535	0.5	8	Braking and steering to left
551	0.5	9	Braking and steering to right
161	0.1	10	Accelerating
30	0.0	11	Accelerating and steering to left
19	0.0	12	Accelerated and steered to right
344	0.3	98	Other actions
71215	65.7	99	Unknown if driver attempted avoidance maneuver

Variable 138	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)

27Sep05	Prcnt	Code	Value and Description
276	0.3	0	No driver present
91711	84.6	1	Tracking
6104	5.6	2	Skidding longitudinally - rotation less than 30 degrees
1925	1.8	3	Skidding laterally - clockwise rotation
2104	1.9	4	Skidding laterally - counterclockwise rotation
131	0.1	7	Other vehicle loss of control (specify)
6162	5.7	9	Precrash stability unknown

Variable 139	PRECRASH LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PCRASH5

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

27Sep05	Prcnt	Code	Value and Description
276	0.3	0	No driver present
82451	76.1	1	Stayed in original travel lane
7081	6.5	2	Stayed on roadway, but left original travel lane
2052	1.9	3	Stayed on roadway, not known if left original travel lane
11879	11.0	4	Departed roadway
252	0.2	5	Remained off roadway
578	0.5	6	Returned to roadway
1912	1.8	7	Entered roadway
1932	1.8	99	Vehicle path unknown

Variable 140	VEHICLE ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VEH_ROLE

27Sep05	Prcnt	Code	Value and Description
3274	3.0	0	Noncollision
59858	55.2	1	Striking
37927	35.0	2	Struck
6520	6.0	3	Both striking and struck
834	0.8	9	Unknown

Variable 141	ACCIDENT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ACC_TYPE

27Sep05	Prcnt	Code	Value and Description
586	0.5	0	No impact
2602	2.4	1	
		-	Diagram number (see appendix)
778	0.7	93	
10544	9.7	98	Other crash type
774	0.7	99	Unknown

Variable 142	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

27Sep05	Prcnt	Code	Value and Description
91248	84.2	0	No
13347	12.3	1	Yes
276	0.3	8	No driver present
3542	3.3	9	Unknown

* Variables 143 through 148 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 143</u>	<u>ROADWAY ALIGNMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VALIGN

Roadway alignment for this vehicle's roadway

27Sep05	Prcnt	Code	Value and Description
74348	68.6	1	Straight
10220	9.4	2	Curve
23845	22.0	9	Unknown

<u>Variable 144</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

27Sep05	Prcnt	Code	Value and Description
2899	2.7	1	One lane
42257	39.0	2	Two lanes
16509	15.2	3	Three lanes
14035	12.9	4	Four lanes
10057	9.3	5	Five lanes
1696	1.6	6	Six lanes
715	0.7	7	Seven or more lanes
20245	18.7	9	Unknown

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

NHTSA SAS Variable - VPROFILE

Roadway profile for this vehicle

27Sep05	Prcnt	Code	Value and Description
61268	56.5	1	Level
14349	13.2	2	Grade
1375	1.3	3	Hillcrest
154	0.1	8	Sag
31267	28.8	9	Unknown

<u>Variable 146</u>	<u>SPEED LIMIT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VSPD_LIM

Speed limit for this vehicle

27Sep05	Prcnt	Code	Value and Description
764	0.7	0	No statutory limit (parking lot, alley, etc.)
23	0.0	5	- Actual posted speed limit in miles per hour
438	0.4	75	
16707	15.4	99	Unknown

<u>Variable 147</u>	<u>SURFACE CONDITION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VSURCOND

Roadway surface condition for this vehicle

27Sep05	Prcnt	Code	Value and Description
85279	78.7	1	Dry
17737	16.4	2	Wet
2266	2.1	3	Snow or slush
1921	1.8	4	Ice
68	0.1	5	Sand, dirt, oil
126	0.1	8	Other
1016	0.9	9	Unknown

<u>Variable 148</u>	<u>TRAFFICWAY FLOW</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VTRAFWAY

Trafficway flow for this vehicle's trafficway

27Sep05	Prcnt	Code	Value and Description
4186	3.9	0	Not physically divided (center two way left turn lane)
49451	45.6	1	Not physically divided (two way trafficway)
36400	33.6	2	Divided highway (median strip, barrier)
4751	4.4	3	One way trafficway
13625	12.6	9	Unknown

Variable 149	MAX INJ SEVERITY IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAX_VSEV

Maximum injury severity in vehicle

27Sep05	Prcnt	Code	Value and Description
64724	59.7	0	No injury (O)
14472	13.3	1	Possible injury (C)
12316	11.4	2	Nonincapacitating injury (B)
10746	9.9	3	Incapacitating injury (A)
1110	1.0	4	Fatal injury (K)
525	0.5	5	Injured severity unknown
4	0.0	6	Died prior to crash
249	0.2	8	No person involved in the crash
4267	3.9	9	Unknown if injured

Variable 150	NUMBER INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NUM_INJV

Number injured in vehicle

27Sep05	Prcnt	Code	Value and Description
64728	59.7	0	No person injured/property damage only crash
30857	28.5	1	- Actual number of known injured
1	0.0	27	
249	0.2	98	No person involved in the crash
4267	3.9	99	All persons in crash are unknown if injured

Variable 151	DRIVER DRINKING IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALCOHOL

Reports alcohol use by driver of the vehicle

27Sep05	Prcnt	Code	Value and Description
4317	4.0	1	Alcohol involved
95399	88.0	2	No alcohol involved
294	0.3	8	No driver present
8403	7.8	9	Unknown

Variable 152	DRIVERS ZIP CODE	Width: 5	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DZIPCODE

27Sep05 Prcnt	Code	Value and Description
346 0.3	0	Not resident of U.S. or territories - Code actual 5-digit zip code
276 0.3	99998	No driver present
5018 4.6	99999	Unknown

Variable 153	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 154	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

27Sep05 Prcnt	Code	Value and Description
13351 12.3	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.
17205 15.9	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.
12419 11.5	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.

Variable 154:STRATUM (Continued)

27Sep05 Prcnt	Code	Value and Description
29971 27.6	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.
14893 13.7	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.
20574 19.0	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 155	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 156	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

27Sep05 Prcnt	Code	Value and Description
15002 13.8	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
27086 25.0	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
46201 42.6	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
20124 18.6	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 157	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Imputed VEHICLE Variables

Variables 158 through 168 are imputed versions of previous variables found in the vehicle dataset.

Variable 158	IMPUTED BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - BDYTYP_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
Automobiles			
893	0.8	1	Convertible (excludes sun roof, t-bar)
8273	7.6	2	2-door sedan, hardtop, coupe
2452	2.3	3	3-door/2-door hatchback
35951	33.2	4	4-door sedan, hardtop
492	0.5	5	5-door/4-door hatchback
1998	1.8	6	Station wagon (excluding van and truck based)
16	0.0	7	Hatchback, number of doors unknown
23	0.0	8	Other automobile type
7969	7.4	9	Unknown automobile type
Automobile Derivatives			
35	0.0	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit Pickup)
6	0.0	11	Auto-based panel (cargo station wagon, auto-based ambulance/hearse)
4	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			
10671	9.8	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.)
2495	2.3	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.)
641	0.6	16	Utility station wagon (Chevrolet Suburban, GMC Suburban, Travelall, Grand Wagoneer, and Suburban limousine)
172	0.2	17	3-door coupe (passenger car, added in 1999)
288	0.3	19	Utility vehicle, unknown body type

Variable 158:IMPUTED BODY TYPE (Continued)

27Sep05	Prcnt	Code	Value and Description
			Van-Based Light Trucks (<=4,536 kg GVWR)
5085	4.7	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.)
1429	1.3	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.)
32	0.0	22	Step van or walk-in van (< 4,536 kg GVWR)
22	0.0	23	Van-based motorhome
13	0.0	24	Van-based school bus
62	0.1	25	Van-based other bus
256	0.2	28	Other van type (Hi-Cube, Kary)
566	0.5	29	Unknown van type
			Lt Conventional Trucks (pickup style cab, <4,536 kg GVWR)
5077	4.7	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.)
8461	7.8	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)
17	0.0	32	Pickup with slide-in camper
2	0.0	33	Convertible pickup
1008	0.9	39	Unknown (pickup style) light conventional truck
			Other Light Trucks (<=4,536 kg GVWR)
208	0.2	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
1	0.0	41	Truck-based panel
8	0.0	42	Light truck-based motorhome (chassis mounted)
21	0.0	45	Other light truck type
654	0.6	48	Unknown light truck type (utility, van, pickup, or other light truck)
			Buses (excludes van-based)
203	0.2	50	School bus type (designed to carry students, not cross country or transit)
225	0.2	58	Other bus type (transit, intercity, bus-based motorhome)
30	0.0	59	Unknown bus type
			Medium/Heavy Trucks (>4,536 kg GVWR)
44	0.0	60	Step Van
3093	2.9	64	Single unit straight truck
23	0.0	65	Medium/heavy truck-based motorhome
5888	5.4	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
1203	1.1	78	Unknown medium/heavy truck type

Variable 158:IMPUTED BODY TYPE (Continued)

27Sep05	Prcnt	Code	Value and Description
Motored Cycles (does not include all terrain vehicles/cycles)			
2079	1.9	80	Motorcycle
76	0.1	81	Moped (motorized bicycle)
5	0.0	82	Three wheeled motorcycle or moped
59	0.1	88	Other motored cycle type (minibike, motorscooter)
23	0.0	89	Unknown motored cycle type
Other Vehicles			
58	0.1	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
5	0.0	91	Snowmobile
22	0.0	92	Farm equipment other than trucks
30	0.0	93	Construction equipment other than trucks (includes graders)
46	0.0	97	Other type vehicle (includes go-cart, fork lift, city street sweeper, motorized wheelchair)

Variable 159	IMPUTED HIT-AND-RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HITRUN_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
102928	94.9	0	No, did not leave scene
5485	5.1	1	Yes, driver or car and driver left scene

Variable 160	IMP INIT POINT OF IMPACT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - IMPACT_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
3285	3.0	0	No damage/noncollision
46924	43.3	1	Front
15027	13.9	2	Right side
15822	14.6	3	Left side
20094	18.5	4	Back
93	0.1	5	Top
450	0.4	6	Undercarriage
2798	2.6	11	Front right corner
2911	2.7	12	Front left corner
490	0.5	13	Back right corner

Variable 160:IMP INIT POINT OF IMPACT (Continued)

27Sep05 Prcnt Code Value and Description

519 0.5 14 Back left corner

Variable 161	IMP PRIOR TO CRIT EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MANEUV_I

This variable was imputed by NHTSA

27Sep05 Prcnt Code Value and Description

276	0.3	0	No driver present
57519	53.1	1	Going straight
5955	5.5	2	Decelerating in traffic lane
203	0.2	3	Accelerating in traffic lane
2261	2.1	4	Starting in traffic lane
12823	11.8	5	Stopped in traffic lane
1504	1.4	6	Passing or overtaking another vehicle
136	0.1	7	Disabled or parked in travel lane
804	0.7	8	Leaving a parked position
119	0.1	9	Entering a parked position
3195	2.9	10	Turning right
11061	10.2	11	Turning left
546	0.5	12	Making a U-turn
1081	1.0	13	Backing up (other than for parking purposes)
5333	4.9	14	Negotiating a curve
3421	3.2	15	Changing lanes
519	0.5	16	Merging
308	0.3	17	Successful corrective action to a previous critical event
1349	1.2	97	Other

Variable 162	IMPUTED MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MDLYR_I

This variable was imputed by NHTSA

27Sep05 Prcnt Code Value and Description

1	0.0	1923	1923
		-	
6789	6.3	1995	1995
6434	5.9	1996	1996
7227	6.7	1997	1997
7421	6.8	1998	1998
8527	7.9	1999	1999
9206	8.5	2000	2000

Variable 162:IMPUTED MODEL YEAR (Continued)

27Sep05	Prcnt	Code	Value and Description
8417	7.8	2001	2001
8399	7.7	2002	2002
8288	7.6	2003	2003
6094	5.6	2004	2004
748	0.7	2005	2005
3	0.0	2006	2006

Variable 163	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

27Sep05	Prcnt	Code	Value and Description
68460	63.1	0	No injury (O)
14754	13.6	1	Possible injury (C)
12506	11.5	2	Nonincapacitating injury (B)
10763	9.9	3	Incapacitating injury (A)
1139	1.1	4	Fatal injury (K)
538	0.5	5	Injured severity unknown
4	0.0	6	Died prior to crash
249	0.2	8	No person involved in the crash

Variable 164	IMP NUM INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - NUMINJ_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
68713	63.4	0	No person injured/property damage only crash
31256	28.8	1	- Actual number of known injured
1	0.0	27	

Variable 165	IMP VIOLATIONS CHARGED	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VLTN_I

This variable was imputed by NHTSA

Variable 165:IMP VIOLATIONS CHARGED (Continued)

27Sep05	Prcnt	Code	Value and Description
73064	67.4	0	None
2193	2.0	1	Alcohol or drugs
108	0.1	2	Speeding
3278	3.0	3	Alcohol or drugs and speeding
919	0.8	4	Reckless driving
1066	1.0	5	Driving with a suspended or revoked license
5023	4.6	6	Failure to yield right of way
1806	1.7	7	Running a traffic signal or stop sign
4149	3.8	50	Hit & run (and no information)
276	0.3	95	No driver present
0	0.0	96	Not reported
1858	1.7	97	Violation charged - no details
14673	13.5	98	Other violation

Variable 166	IMPUTED VEHICLE ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VROLE_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
3290	3.0	0	Noncollision
59995	55.3	1	Striking
37937	35.0	2	Struck
7191	6.6	3	Both striking and struck

Variable 167	IMP ALC INVOLVED IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ALCHL_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
5513	5.1	1	Alcohol involved
102900	94.9	2	No alcohol involved

Variable 168	IMP MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - V_EVNT_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
Noncollision			
5135	4.7	1	Rollover/overturn
119	0.1	2	Fire/explosion
29	0.0	3	Immersion
0	0.0	4	Gas inhalation
120	0.1	5	Jackknife
87	0.1	6	Noncollision injury (injured in or fell from vehicle)
20	0.0	7	Pavement surface irregularity (ruts, potholes, grates, etc.)
345	0.3	8	Other noncollision
7	0.0	9	Noncollision - no details
10	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1856	1.7	21	Pedestrian
1261	1.2	22	Cycle or cyclist (pedalcycle or pedalcyclist)
25	0.0	23	Railway train
1581	1.5	24	Animal
85101	78.5	25	Motor vehicle in transport
2034	1.9	26	Parked motor vehicle (or other mv not in transport)
67	0.1	27	Other type nonmotorist
710	0.7	28	Other object not fixed
19	0.0	29	Object not fixed - no details
Collision with Fixed Object			
30	0.0	31	Ground
205	0.2	32	Building
28	0.0	33	Impact attenuator or crash cushion
226	0.2	34	Bridge structure (bridge pier/abutment/parapet end/rail)
1175	1.1	35	Guardrail
1093	1.0	36	Concrete traffic barrier or other longitudinal barrier type
2169	2.0	37	Post, pole or support (sign post, utility post)
1007	0.9	38	Culvert or ditch
301	0.3	39	Curb
376	0.3	40	Embankment
377	0.3	41	Fence
154	0.1	42	Wall
100	0.1	43	Fire hydrant
47	0.0	44	Shrubbery or bush
2084	1.9	45	Tree
62	0.1	46	Boulder
406	0.4	58	Other fixed object
47	0.0	59	Fixed object - no details

Multiple Response Variables

Variables 169 through 189 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

Variable 169	TRAFFIC CONTRL DEVICE #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON

First traffic control device for this vehicle

27Sep05	Prcnt	Code	Value and Description
66771	61.6	0	No controls
			NOT AT RAILROAD GRADE CROSSING:
			Trafficway Traffic Signals
25122	23.2	1	Traffic control signal (on colors)
497	0.5	4	Flashing traffic control signal or flashing beacon
126	0.1	8	Other traffic signal
37	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs
7232	6.7	21	Stop sign
960	0.9	22	Yield sign
33	0.0	23	School zone related sign
672	0.6	28	Other sign
15	0.0	29	Unknown sign
			Warning Signs
551	0.5	40	Advisory speed sign
124	0.1	41	Warning sign for road conditions (hill, steep grade, etc.)
454	0.4	42	Warning sign for road construction
18	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
196	0.2	49	Unknown type warning sign
			Miscellaneous Not at Railroad Crossing
154	0.1	51	Officer, crossing guard, flagman, etc.
			AT RAILROAD GRADE CROSSING:
76	0.1	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
40	0.0	62	Passive device at RR crossing (stop sign, cross bucks)
			Other
113	0.1	97	Traffic control present - no details
827	0.8	98	Other traffic control (whether or not at RR grade crossing)
4395	4.1	99	Unknown

Variable 170	TRAFFIC CONTRL DEVICE #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON2

Second traffic control device for this vehicle

27Sep05	Prcnt	Code	Value and Description
107784	99.4	0	No controls
NOT AT RAILROAD GRADE CROSSING:			
Trafficway Traffic Signals			
0	0.0	1	Traffic control signal (on colors)
2	0.0	4	Flashing traffic control signal or flashing beacon
1	0.0	8	Other traffic signal
1	0.0	9	Unknown traffic signal
Regulatory, School Zone Signs			
69	0.1	21	Stop sign
8	0.0	22	Yield sign
3	0.0	23	School zone related sign
77	0.1	28	Other sign
1	0.0	29	Unknown sign
Warning Signs			
44	0.0	40	Advisory speed sign
49	0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
51	0.0	42	Warning sign for road construction
1	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
7	0.0	49	Unknown type warning sign
Miscellaneous Not at Railroad Crossing			
41	0.0	51	Officer, crossing guard, flagman, etc.
AT RAILROAD GRADE CROSSING:			
6	0.0	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
3	0.0	62	Passive device at RR crossing (stop sign, cross bucks)
Other			
2	0.0	97	Traffic control present - no details
263	0.2	98	Other traffic control (whether or not at RR grade crossing)
0	0.0	99	Unknown

Variable 171	TRAFFIC CONTRL DEVICE #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON3

Third traffic control device for this vehicle

27Sep05	Prcnt	Code	Value and Description
108377	100.0	0	No controls
			NOT AT RAILROAD GRADE CROSSING:
			Trafficway Traffic Signals
0	0.0	1	Traffic control signal (on colors)
0	0.0	4	Flashing traffic control signal or flashing beacon
0	0.0	8	Other traffic signal
0	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs
0	0.0	21	Stop sign
0	0.0	22	Yield sign
0	0.0	23	School zone related sign
2	0.0	28	Other sign
0	0.0	29	Unknown sign
			Warning Signs
0	0.0	40	Advisory speed sign
1	0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
3	0.0	42	Warning sign for road construction
0	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.)
2	0.0	49	Unknown type warning sign
			Miscellaneous Not at Railroad Crossing
3	0.0	51	Officer, crossing guard, flagman, etc.
			AT RAILROAD GRADE CROSSING:
0	0.0	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
0	0.0	62	Passive device at RR crossing (stop sign, cross bucks)
			Other
0	0.0	97	Traffic control present - no details
25	0.0	98	Other traffic control (whether or not at RR grade crossing)
0	0.0	99	Unknown

Variable 172	TRAFFIC CONTRL DEVICE #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VTRAFCON4

Fourth traffic control device for this vehicle

27Sep05	Prcnt	Code	Value and Description
108411	100.0	0	No controls
			NOT AT RAILROAD GRADE CROSSING:
			Trafficway Traffic Signals
0	0.0	1	Traffic control signal (on colors)
0	0.0	4	Flashing traffic control signal or flashing beacon
0	0.0	8	Other traffic signal
0	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs
0	0.0	21	Stop sign
0	0.0	22	Yield sign
0	0.0	23	School zone related sign
0	0.0	28	Other sign
0	0.0	29	Unknown sign
			Warning Signs
0	0.0	40	Advisory speed sign
0	0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
0	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
1	0.0	51	Officer, crossing guard, flagman, etc.
			AT RAILROAD GRADE CROSSING:
0	0.0	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
0	0.0	62	Passive device at RR crossing (stop sign, cross bucks)
			Other
0	0.0	97	Traffic control present - no details
1	0.0	98	Other traffic control (whether or not at RR grade crossing)
0	0.0	99	Unknown

Variable 173	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

27Sep05	Prcnt	Code	Value and Description
29441	27.2	0	Driver did not maneuver to avoid
250	0.2	1	Object in road
58	0.1	2	Poor road conditions (puddle, ice, pothole, etc.)
620	0.6	3	Animal in road
9866	9.1	4	Vehicle in road
447	0.4	5	Pedestrian, pedalcyclist or other nonmotorist in road
5062	4.7	50	Hit & run (and no information)
348	0.3	92	Phantom vehicle
17949	16.6	93	Not on police report
23029	21.2	94	Not coded
276	0.3	95	No driver present
43	0.0	97	Avoidance maneuver - no details
21024	19.4	99	Unknown if driver maneuvered to avoid

Variable 174	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

27Sep05	Prcnt	Code	Value and Description
108390	100.0	0	Driver did not maneuver to avoid
0	0.0	1	Object in road
0	0.0	2	Poor road conditions (puddle, ice, pothole, etc.)
0	0.0	3	Animal in road
4	0.0	4	Vehicle in road
3	0.0	5	Pedestrian, pedalcyclist or other nonmotorist in road
0	0.0	50	Hit & run (and no information)
15	0.0	92	Phantom vehicle
0	0.0	93	Not on police report
0	0.0	94	Not coded
0	0.0	95	No driver present
1	0.0	97	Avoidance maneuver - no details
0	0.0	99	Unknown if driver maneuvered to avoid

Variable 175	VEHICLE CONTRIB FACTOR#1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - FACTOR

Vehicle contributing factors #1

27Sep05	Prcnt	Code	Value and Description
99075	91.4	0	No vehicle contributing factors
640	0.6	1	Tires
435	0.4	2	Brake system
80	0.1	3	Steering system - tie rod, kingpin, ball joint, etc.
16	0.0	4	Suspension-springs, shock absorbers, macpherson struts, control arms, etc.
150	0.1	5	Power train - universal joint, drive shaft, transmission, etc.
2	0.0	6	Exhaust system
15	0.0	7	Headlights
15	0.0	8	Signal lights
26	0.0	9	Other lights
8	0.0	10	Wipers
67	0.1	11	Wheels
4	0.0	12	Mirrors
5	0.0	13	Driver seating and control
7	0.0	14	Body, doors
33	0.0	15	Trailer hitch
4966	4.6	50	Hit-and-run vehicle
137	0.1	97	Vehicle contributing factors - no details
122	0.1	98	Other vehicle contributing factors
2610	2.4	99	Unknown if vehicle has contributing factors

Variable 176	VEHICLE CONTRIB FACTOR#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MFACTOR2

Vehicle contributing factors #2

27Sep05	Prcnt	Code	Value and Description
108362	100.0	0	No vehicle contributing factors
0	0.0	1	Tires
14	0.0	2	Brake system
6	0.0	3	Steering system - tie rod, kingpin, ball joint, etc.
2	0.0	4	Suspension-springs, shock absorbers, macpherson struts, control arms, etc.
4	0.0	5	Power train - universal joint, drive shaft, transmission
1	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
5	0.0	9	Other lights
0	0.0	10	Wipers
8	0.0	11	Wheels

Variable 176:VEHICLE CONTRIB FACTOR#2 (Continued)

27Sep05	Prcnt	Code	Value and Description
	0 0.0	12	Mirrors
	1 0.0	13	Driver seating and control
	0 0.0	14	Body, doors
	0 0.0	15	Trailer hitch
	0 0.0	50	Hit-and-run vehicle
	2 0.0	97	Vehicle contributing factors - no details
	8 0.0	98	Other vehicle contributing factors
	0 0.0	99	Unknown if vehicle has contributing factors

Variable 177	VEHICLE CONTRIB FACTOR#3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MFACTOR3

Vehicle contributing factors #3

27Sep05	Prcnt	Code	Value and Description
108408	100.0	0	No vehicle contributing factors
	0 0.0	1	Tires
	0 0.0	2	Brake system
	2 0.0	3	Steering system - tie rod, kingpin, ball joint, etc.
	0 0.0	4	Suspension-springs, shock absorbers, macpherson struts, control arms, etc.
	0 0.0	5	Power train - universal joint, drive shaft, transmission
	0 0.0	6	Exhaust system
	0 0.0	7	Headlights
	0 0.0	8	Signal lights
	0 0.0	9	Other lights
	1 0.0	10	Wipers
	1 0.0	11	Wheels
	0 0.0	12	Mirrors
	0 0.0	13	Driver seating and control
	0 0.0	14	Body, doors
	0 0.0	15	Trailer hitch
	0 0.0	50	Hit-and-run vehicle
	0 0.0	97	Vehicle contributing factors - no details
	1 0.0	98	Other vehicle contributing factors
	0 0.0	99	Unknown if vehicle has contributing factors

Variable 178	VEHICLE CONTRIB FACTOR#4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MFACTOR4

Vehicle contributing factors #4

Variable 178:VEHICLE CONTRIB FACTOR#4 (Continued)

27Sep05	Prcnt	Code	Value and Description
108412	100.0	0	No vehicle contributing factors
0	0.0	1	Tires
0	0.0	2	Brake system
0	0.0	3	Steering system - tie rod, kingpin, ball joint, etc.
0	0.0	4	Suspension-springs, shock absorbers, macpherson struts, control arms, etc.
0	0.0	5	Power train - universal joint, drive shaft, transmission
0	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
0	0.0	9	Other lights
0	0.0	10	Wipers
0	0.0	11	Wheels
0	0.0	12	Mirrors
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors
1	0.0	15	Trailer hitch
0	0.0	50	Hit-and-run vehicle
0	0.0	97	Vehicle contributing factors - no details
0	0.0	98	Other vehicle contributing factors
0	0.0	99	Unknown if vehicle has contributing factors

Variable 179	VISION OBSCURED BY #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIS_OBSC or MVISOBSC

Driver's vision obscured by #1

27Sep05	Prcnt	Code	Value and Description
75427	69.6	0	No obstruction
280	0.3	1	Rain, snow, smoke, sand, dust
442	0.4	2	Reflected glare, bright sunlight, headlights
175	0.2	3	Curve or hill
48	0.0	4	Building, billboard, or other design features (includes signs, embankment)
132	0.1	5	Trees, crops, vegetation
617	0.6	6	Moving vehicle (including load)
1088	1.0	7	Parked vehicle
11	0.0	8	Splash or spray of passing vehicle
13	0.0	9	Inadequate defrost or defog system
31	0.0	10	Inadequate lighting system
70	0.1	11	Obstruction interior to the vehicle
8	0.0	12	External mirrors
0	0.0	13	Head restraints
75	0.1	14	Broken or improperly cleaned windshield
63	0.1	15	Fog
4776	4.4	50	Hit & run vehicle (and no information)
9555	8.8	93	Not on police accident reports (PAR)

Variable 179:VISION OBSCURED BY #1 (Continued)

27Sep05	Prcnt	Code	Value and Description
13765	12.7	94	Not coded
276	0.3	95	No driver present
182	0.2	97	Vision obscured - no details
250	0.2	98	Other obstruction
1129	1.0	99	Unknown whether vision was obstructed

Variable 180	VISION OBSCURED BY #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIS_OBSC2 or MVISOBSC

Driver's vision obscured by #2

27Sep05	Prcnt	Code	Value and Description
108376	100.0	0	No obstruction
0	0.0	1	Rain, snow, smoke, sand, dust
0	0.0	2	Reflected glare, bright sunlight, headlights
1	0.0	3	Curve or hill
2	0.0	4	Building, billboard, or other design features (includes signs, embankment)
3	0.0	5	Trees, crops, vegetation
1	0.0	6	Moving vehicle (including load)
8	0.0	7	Parked vehicle
1	0.0	8	Splash or spray of passing vehicle
2	0.0	9	Inadequate defrost or defog system
1	0.0	10	Inadequate lighting system
0	0.0	11	Obstruction interior to the vehicle
0	0.0	12	External mirrors
0	0.0	13	Head restraints
1	0.0	14	Broken or improperly cleaned windshield
6	0.0	15	Fog
0	0.0	50	Hit & run vehicle (and no information)
0	0.0	93	Not on police accident reports (PAR)
0	0.0	94	Not coded
0	0.0	95	No driver present
0	0.0	97	Vision obscured - no details
11	0.0	98	Other obstruction
0	0.0	99	Unknown whether vision was obstructed

Variable 181	VISION OBSCURED BY #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIS_OBSC3 or MVISOBSC

Driver's vision obscured by #3

Variable 181:VISION OBSCURED BY #3 (Continued)

27Sep05	Prcnt	Code	Value and Description
108413	100.0	0	No obstruction
0	0.0	1	Rain, snow, smoke, sand, dust
0	0.0	2	Reflected glare, bright sunlight, headlights
0	0.0	3	Curve or hill
0	0.0	4	Building, billboard, or other design features (includes signs, embankment)
0	0.0	5	Trees, crops, vegetation
0	0.0	6	Moving vehicle (including load)
0	0.0	7	Parked vehicle
0	0.0	8	Splash or spray of passing vehicle
0	0.0	9	Inadequate defrost or defog system
0	0.0	10	Inadequate lighting system
0	0.0	11	Obstruction interior to the vehicle
0	0.0	12	External mirrors
0	0.0	13	Head restraints
0	0.0	14	Broken or improperly cleaned windshield
0	0.0	15	Fog
0	0.0	50	Hit & run vehicle (and no information)
0	0.0	93	Not on police accident report (PAR)
0	0.0	94	Not coded
0	0.0	95	No driver present
0	0.0	97	Vision obscured - no details
0	0.0	98	Other obstruction
0	0.0	99	Unknown whether vision was obstructed

Variable 182	DRIVER DISTRACTED BY #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_DSTRD or MDRDSTRD

Driver distracted by #1

27Sep05	Prcnt	Code	Value and Description
45576	42.0	0	Not distracted
1961	1.8	1	Looked but did not see
228	0.2	3	By other occupant(s)
67	0.1	4	By moving object in vehicle
154	0.1	5	While talking or listening to cellular phone
24	0.0	6	While dialing cellular phone
7	0.0	7	While adjusting climate control
106	0.1	8	While adjusting radio, cassette, or CD
79	0.1	9	While using other device/controls integral to vehicle
399	0.4	10	While using or reaching for device/object brought into vehicle
1021	0.9	11	Sleepy or fell asleep
683	0.6	12	Distracted by outside person, object or event
61	0.1	13	Eating or drinking
25	0.0	14	Smoking related
4378	4.0	92	Distraction or inattention, details unknown

Variable 182:DRIVER DISTRACTED BY #1 (Continued)

27Sep05	Prcnt	Code	Value and Description
10020	9.2	93	Not on police accident report (PAR)
31862	29.4	94	Not coded
276	0.3	95	No driver present
4128	3.8	97	Inattentive or lost in thought
1406	1.3	98	Other distraction
5952	5.5	99	Unknown if distracted

Variable 183	DRIVER DISTRACTED BY #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_DSTRD2 or MDRDSTRD

Driver distracted by #2

27Sep05	Prcnt	Code	Value and Description
108341	99.9	0	Not distracted
5	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
4	0.0	5	While talking or listening to cellular phone
1	0.0	6	While dialing cellular phone
0	0.0	7	While adjusting climate control
4	0.0	8	While adjusting radio, cassette, or CD
3	0.0	9	While using other device/controls integral to vehicle
7	0.0	10	While using or reaching for device/object brought into vehicle
3	0.0	11	Sleepy or fell asleep
2	0.0	12	Distracted by outside person, object or event
2	0.0	13	Eating or drinking
1	0.0	14	Smoking related
22	0.0	92	Distraction or inattention, details unknown
0	0.0	93	Not on police accident report (PAR)
0	0.0	94	Not coded
0	0.0	95	No driver present
0	0.0	97	Inattentive or lost in thought
14	0.0	98	Other distraction
0	0.0	99	Unknown if distracted

Variable 184	DRIVER DISTRACTED BY #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_DSTRD3 or MDRDSTRD

Driver distracted by #3

Variable 184:DRIVER DISTRACTED BY #3 (Continued)

27Sep05	Prcnt	Code	Value and Description
108411	100.0	0	Not distracted
0	0.0	1	Looked but did not see
1	0.0	3	By other occupant(s)
0	0.0	4	By moving object in vehicle
0	0.0	5	While talking or listening to cellular phone
0	0.0	6	While dialing cellular phone
0	0.0	7	While adjusting climate control
0	0.0	8	While adjusting radio, cassette, or CD
0	0.0	9	While using other device/controls integral to vehicle
0	0.0	10	While using or reaching for device/object brought into vehicle
0	0.0	11	Sleepy or fell asleep
0	0.0	12	Distracted by outside person, object or event
0	0.0	13	Eating or drinking
0	0.0	14	Smoking related
1	0.0	92	Distraction or inattention, details unknown
0	0.0	93	Not on police accident report (PAR)
0	0.0	94	Not coded
0	0.0	95	No driver present
0	0.0	97	Inattentive or lost in thought
0	0.0	98	Other distraction
0	0.0	99	Unknown if distracted

Variable 185	DRVR VIOLATNS CHARGED #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVIOLATN

Driver violations charged #1

27Sep05	Prcnt	Code	Value and Description
69770	64.4	0	None
2118	2.0	1	Alcohol
105	0.1	2	Drugs
3278	3.0	3	Speeding
749	0.7	4	Reckless driving
1028	0.9	5	Driving with a suspended or revoked license
4808	4.4	6	Failure to yield right-of-way
1741	1.6	7	Running a traffic signal or stop sign
4149	3.8	50	Hit & run (and no information)
276	0.3	95	No driver present
4693	4.3	96	Not reported
1544	1.4	97	Violation charged - no details
14008	12.9	98	Other violation
146	0.1	99	Unknown if charged

Variable 186	DRVR VIOLATNS CHARGED #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVIOLATN2

Driver violations charged #2

27Sep05	Prcnt	Code	Value and Description
104570	96.5	0	None
0	0.0	1	Alcohol
57	0.1	2	Drugs
163	0.2	3	Speeding
167	0.2	4	Reckless driving
258	0.2	5	Driving with a suspended or revoked license
159	0.1	6	Failure to yield right-of-way
151	0.1	7	Running a traffic signal or stop sign
0	0.0	50	Hit & run (and no information)
0	0.0	95	No driver present
0	0.0	96	Not reported
1	0.0	97	Violation charged - no details
2887	2.7	98	Other violation
0	0.0	99	Unknown if charged

Variable 187	DRVR VIOLATNS CHARGED #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVIOLATN3

Driver violations charged #3

27Sep05	Prcnt	Code	Value and Description
107921	99.5	0	None
0	0.0	1	Alcohol
0	0.0	2	Drugs
7	0.0	3	Speeding
13	0.0	4	Reckless driving
33	0.0	5	Driving with a suspended or revoked license
11	0.0	6	Failure to yield right-of-way
14	0.0	7	Running a traffic signal or stop sign
0	0.0	50	Hit & run (and no information)
0	0.0	95	No driver present
0	0.0	96	Not reported
1	0.0	97	Violation charged - no details
413	0.4	98	Other violation
0	0.0	99	Unknown if charged

Variable 188	DRVR VIOLATNS CHARGED #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVIOLATN4

Driver violations charged #4

27Sep05	Prcnt	Code	Value and Description
108358	99.9	0	None
0	0.0	1	Alcohol
0	0.0	2	Drugs
0	0.0	3	Speeding
1	0.0	4	Reckless driving
3	0.0	5	Driving with a suspended or revoked license
0	0.0	6	Failure to yield right-of-way
4	0.0	7	Running a traffic signal or stop sign
0	0.0	50	Hit & run (and no information)
0	0.0	95	No driver present
0	0.0	96	Not reported
0	0.0	97	Violation charged - no details
47	0.0	98	Other violation
0	0.0	99	Unknown if charged

Variable 189	DRVR VIOLATNS CHARGED #5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MVIOLATN5

Driver violations charged #5

27Sep05	Prcnt	Code	Value and Description
108407	100.0	0	None
0	0.0	1	Alcohol
0	0.0	2	Drugs
0	0.0	3	Speeding
0	0.0	4	Reckless driving
1	0.0	5	Driving with a suspended or revoked license
0	0.0	6	Failure to yield right-of-way
0	0.0	7	Running a traffic signal or stop sign
0	0.0	50	Hit & run (and no information)
0	0.0	95	No driver present
0	0.0	96	Not reported
0	0.0	97	Violation charged - no details
5	0.0	98	Other violation
0	0.0	99	Unknown if charged

The OCCUPANT Variables

Variables 201 through 228 describe the vehicle occupants involved in the Accident. 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

27Sep05 Prcnt Code Value and Description

84227	55.3	1	Vehicle #1
58441	38.3	2	Vehicle #2
7667	5.0	3	Vehicle #3
1550	1.0	4	Vehicle #4
342	0.2	5	Vehicle #5
113	0.1	6	Vehicle #6
39	0.0	7	Vehicle #7
16	0.0	8	Vehicle #8
12	0.0	9	Vehicle #9
9	0.0	10	Vehicle #10
3	0.0	11	Vehicle #11
2	0.0	12	Vehicle #12
4	0.0	13	Vehicle #13
3	0.0	14	Vehicle #14

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

NHTSA SAS Variable - PERNO

27Sep05 Prcnt Code Value and Description

108164	71.0	1	
		-	Occupant number
1	0.0	60	

Variable 204	OCCUPANT TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_TYPE

Indicates the role of the occupant in the vehicle

27Sep05	Prcnt	Code	Value and Description
			Motorists
108119	70.9	1	Driver of motor vehicle in transport
44279	29.0	2	Passenger of a motor vehicle in transport
30	0.0	9	Unknown occupant type in a motor vehicle in transport

Variable 205	OCC SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEAT_POS

Occupant seating position

27Sep05	Prcnt	Code	Value and Description
0	0.0	0	Nonmotorist
108119	70.9	11	Front seat - left side (driver's side)
731	0.5	12	Front seat - middle
23647	15.5	13	Front seat - right side
95	0.1	18	Front seat - other
55	0.0	19	Front seat - unknown
5879	3.9	21	Second seat - left side
2271	1.5	22	Second seat - middle
6997	4.6	23	Second seat - right side
148	0.1	28	Second seat - other
138	0.1	29	Second seat - unknown
247	0.2	31	Third seat - left side
134	0.1	32	Third seat - middle
234	0.2	33	Third seat - right side
48	0.0	38	Third seat - other
30	0.0	39	Third seat - unknown
2	0.0	41	Fourth seat - left side
0	0.0	42	Fourth seat - middle
2	0.0	43	Fourth seat - right side
0	0.0	48	Fourth seat - other
0	0.0	49	Fourth seat - unknown

Variable 205:OCC SEATING POSITION (Continued)

27Sep05	Prcnt	Code	Value and Description
97	0.1	50	Sleeper section of cab (truck)
1848	1.2	51	Other passenger in passenger or cargo area
1	0.0	52	Trailing unit
142	0.1	53	Riding on vehicle exterior
1563	1.0	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

27Sep05	Prcnt	Code	Value and Description
10038	6.6	0	None used or not applicable
107186	70.3	1	Lap/shoulder belt
3307	2.2	2	Lap belt
643	0.4	3	Shoulder belt
1444	0.9	5	Motorcycle helmet
3553	2.3	6	Child safety seat
795	0.5	7	None available
10096	6.6	8	Restraint used - specifics unknown or other
15366	10.1	9	Unknown if used

Variable 207	AIRBAG AVAIL/FUNCTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - AIRBAG

27Sep05	Prcnt	Code	Value and Description
35267	23.1	0	No air bag available (includes airbags that are switched off)
16420	10.8	1	Deployed
37842	24.8	2	Non-deployed
0	0.0	8	Not applicable
62899	41.3	9	Unknown if available or deployed

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

NHTSA SAS Variable - EJECT

Variable 208:OCCUPANT EJECTION (Continued)

27Sep05	Prcnt	Code	Value and Description
145547	95.5	0	Not ejected
778	0.5	1	Totally ejected
131	0.1	2	Partially ejected
3168	2.1	5	Not on police accident report (PAR)
194	0.1	6	Not coded
21	0.0	7	Ejected - unknown degree
2496	1.6	8	Not applicable
93	0.1	9	Unknown

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

NHTSA SAS Variable - AGE

27Sep05	Prcnt	Code	Value and Description
623	0.4	0	Less than one year old
871	0.6	1	-
3	0.0	100	Age in years
10386	6.8	999	Unknown

Variable 210	OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

27Sep05	Prcnt	Code	Value and Description
84006	55.1	1	Male
61536	40.4	2	Female
6886	4.5	9	Unknown

Variable 211	OCC INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ_SEV

Occupant injury severity

27Sep05	Prcnt	Code	Value and Description
96473	63.3	0	No injury (O)
19997	13.1	1	Possible injury(C)
15846	10.4	2	Nonincapacitating injury (B)
13031	8.5	3	Incapacitating injury (A)

Variable 211:OCC INJURY SEVERITY (Continued)

27Sep05	Prcnt	Code	Value and Description
1219	0.8	4	Fatal injury (K)
787	0.5	5	Injured, severity unknown (U)
4	0.0	6	Died prior to crash
5071	3.3	9	Unknown if injured

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

NHTSA SAS Variable - HOSPITAL

Occupant taken to hospital or treatment facility

27Sep05	Prcnt	Code	Value and Description
113979	74.8	0	No
35293	23.2	1	Yes
3156	2.1	9	Unknown

Variable 213	PAR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_ALCH

Police crash report alcohol involvement - drivers only

27Sep05	Prcnt	Code	Value and Description
44309	29.1	0	Not applicable
95399	62.6	1	Alcohol not involved
4317	2.8	2	Alcohol involved
120	0.1	6	Not on police accident report (PAR)
2869	1.9	7	Not coded
5414	3.6	9	Unknown (police reported)

Variable 214	PAR DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_DRUG

Police crash report drug involvement - drivers only

27Sep05	Prcnt	Code	Value and Description
			Drugs not involved or not applicable
44309	29.1	0	Not applicable
97499	64.0	1	Drugs not involved

Variable 214: PAR DRUG INVOLVEMENT (Continued)

27Sep05 Prcnt	Code	Value and Description
563	0.4	2 Drugs involved
444	0.3	6 Not on police accident report (PAR)
3730	2.4	7 Not coded
		Drugs and/or alcohol involved
5883	3.9	9 Unknown (police reported)

Variable 215	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

Variable 216	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 217	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

27Sep05 Prcnt	Code	Value and Description
20957	13.7	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.
21640	14.2	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.
17706	11.6	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.

Variable 217:STRATUM (Continued)

27Sep05 Prcnt	Code	Value and Description
40966 26.9	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.
22753 14.9	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.
28406 18.6	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 218	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 219	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

27Sep05 Prcnt	Code	Value and Description
21239 13.9	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
35336 23.2	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
66325 43.5	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
29528 19.4	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 220	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Imputed OCCUPANT Variables

Variables 221 through 226 are imputed versions of previous variables found in the occupant dataset.

Variable 221	IMPUTED OCCUPANT AGE	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AGE_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
673	0.4	0	Less than one year old
1029	0.7	1	
		-	Age in years
6	0.0	100	

Variable 222	IMP PAR ALC INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PERALC_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
44309	29.1	0	Not applicable
102606	67.3	1	Alcohol not involved
5513	3.6	2	Alcohol involved
0	0.0	6	Not on police accident report
0	0.0	7	Not coded
0	0.0	9	Unknown (police reported)

Variable 223	IMPOT OCCUPANT EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EJECT_I

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
148938	97.7	0	Not ejected
778	0.5	1	Totally ejected
131	0.1	2	Partially ejected

Variable 223: IMPUT OCCUPANT EJECTION (Continued)

27Sep05	Prcnt	Code	Value and Description
	0	0.0	5 Not on police accident report (PAR)
	21	0.0	7 Ejected - unknown degree
	2560	1.7	8 Not applicable

Variable 224	<u>IMP OCC INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - INJSEV_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
100788	66.1	0	No injury (O)
20411	13.4	1	Possible injury (C)
16092	10.6	2	Nonincapacitating injury (B)
13076	8.6	3	Incapacitating injury (A)
1250	0.8	4	Fatal injury (K)
807	0.5	5	Injured, severity unknown (U)
4	0.0	6	Died prior to crash

Variable 225	<u>IMP OCC SEATING POSITION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SEAT_H

Occupant seating position

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
	0	0.0	0 Nonmotorist
109585	71.9	11	Front seat - left side (driver's side)
736	0.5	12	Front seat - middle
23763	15.6	13	Front seat - right side
5991	3.9	21	Second seat - left side
2316	1.5	22	Second seat - middle
7126	4.7	23	Second seat - right side
279	0.2	31	Third seat - left side
149	0.1	32	Third seat - middle
265	0.2	33	Third seat - right side
2	0.0	41	Fourth seat - left side
0	0.0	42	Fourth seat - middle
2	0.0	43	Fourth seat - right side
97	0.1	50	Sleeper section of cab (truck)
1974	1.3	51	Other passenger in passenger or cargo area

Variable 225:IMP OCC SEATING POSITION (Continued)

27Sep05 Prcnt	Code	Value	Description
1	0.0	52	Trailing unit
142	0.1	53	Riding on vehicle exterior

Variable 226	IMPUTED OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SEX_H

This variable was imputed by NHTSA

27Sep05 Prcnt	Code	Value	Description
88354	58.0	1	Male
64074	42.0	2	Female

Multiple Response Variables

Variables 227 and 228 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

Variable 227	PHYSICAL IMPAIRMENT #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MIMPAIR

Physical impairment #1

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

27Sep05 Prcnt	Code	Value	Description
Coded for Driver Only:			
143239	94.0	0	None
454	0.3	1	Ill, blackout
1012	0.7	2	Drowsy, sleepy, fell asleep, fatigued
1	0.0	3	Requires cane or crutches
6	0.0	4	Paraplegic or restricted to wheelchair
3	0.0	5	Impaired due to previous injury
4	0.0	6	Deaf
1	0.0	7	Blind
124	0.1	97	Physical impairment - no details
3004	2.0	98	Other physical impairment
4580	3.0	99	Unknown if physically impaired

<u>Variable 228</u>	<u>PHYSICAL IMPAIRMENT #2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MIMPAIR2

Physical impairment #2

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

27Sep05 Prcnt Code Value and Description

Coded for Driver Only:

152365	100.0	0	None
0	0.0	1	Ill, blackout
8	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
3	0.0	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
0	0.0	6	Deaf
0	0.0	7	Blind
0	0.0	97	Physical impairment - no details
52	0.0	98	Other physical impairment
0	0.0	99	Unknown if physically impaired

The NONMOTORIST Variables

Variables 301 through 337 describe the Nonmotorists involved in the Accident. 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	VEH STRIKING NUMBER NMTR	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STR_VEH

Vehicle number which made contact with the nonmotorist

27Sep05	Prcnt	Code	Value and Description
	0 0.0	0	Not applicable, occupant of vehicle
3658	98.5	1	Vehicle #1
50	1.3	2	Vehicle #2
6	0.2	3	Vehicle #3
1	0.0	4	Vehicle #4

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

NHTSA SAS Variable - PERNO

27Sep05	Prcnt	Code	Value and Description
3478	93.6	1	- Nonmotorist number
1	0.0	10	

Variable 304	NONMOTORIST TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_TYPE

Indicates the role of the nonmotorist

27Sep05 Prcnt Code Value and Description

Nonmotorists occupant			
331	8.9	3	Occupant of a motor vehicle not in transport
72	1.9	4	Occupant of a nonmotor vehicle transport device
Nonmotorists non-occupant			
2014	54.2	5	Pedestrian
1280	34.5	6	Cyclist (pedalcyclist)
18	0.5	8	Other or unknown non-occupant

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

Variable 306	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 0

Variable 307	FILLER	Width: 1	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

27Sep05 Prcnt Code Value and Description

5	0.1	0	Less than one year old
14	0.4	1	
		-	Age in years
1	0.0	93	
127	3.4	999	Unknown

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

NHTSA SAS Variable - SEX

27Sep05	Prcnt	Code	Value and Description
2492	67.1	1	Male
1190	32.0	2	Female
33	0.9	9	Unknown

Variable 311	NMTR INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ_SEV

Nonmotorist injury severity

27Sep05	Prcnt	Code	Value and Description
264	7.1	0	No injury (O)
310	8.3	1	Possible injury (C)
2050	55.2	2	Nonincapacitating injury (B)
892	24.0	3	Incapacitating injury (A)
144	3.9	4	Fatal injury (K)
29	0.8	5	Injured, severity unknown (U)
0	0.0	6	Died prior to crash
26	0.7	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

27Sep05	Prcnt	Code	Value and Description
913	24.6	0	No
2593	69.8	1	Yes
209	5.6	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)

27Sep05	Prcnt	Code	Value and Description
		0	Not applicable
331	8.9	0	Not applicable
2614	70.4	1	Alcohol not involved
212	5.7	2	Alcohol involved
22	0.6	6	Not on police accident report (PAR)
350	9.4	7	Not coded
186	5.0	9	Unknown (police reported)

Variable 314	PAR DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PER_DRUG

Police crash report drug involvement

27Sep05	Prcnt	Code	Value and Description
			Drugs not involved or not applicable
		0	Not applicable
331	8.9	0	Not applicable
2777	74.8	1	Drugs not involved
10	0.3	2	Drugs involved
32	0.9	6	Not on police accident report (PAR)
376	10.1	7	Not coded
			Drugs and/or alcohol involved
189	5.1	9	Unknown (police reported)

Variable 315	NMTR LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LOCATN

Nonmotorist location

27Sep05	Prcnt	Code	Value and Description
		0	Not applicable - driver or occupant of MV in transport
0	0.0	0	Not applicable - driver or occupant of MV in transport
665	17.9	1	Intersection - in crosswalk
1028	27.7	2	Intersection - on roadway
31	0.8	8	Intersection - other
33	0.9	9	Intersection - unknown location
61	1.6	11	Nonintersection - in crosswalk
1359	36.6	12	Nonintersection - on roadway
289	7.8	18	Nonintersection - other
9	0.2	19	Nonintersection - unknown location
1	0.0	20	In crosswalk - unknown if intersection
223	6.0	98	Other location
16	0.4	99	Unknown location

Variable 316	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

Variable 317	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRATUM

27Sep05	Prcnt	Code	Value and Description
75	2.0	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.
166	4.5	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.
2992	80.5	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.
354	9.5	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.
51	1.4	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.
77	2.1	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 318	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

Variable 319	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - REGION

27Sep05 Prcnt	Code Value and Description	
857 23.1	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT)
815 21.9	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS)
1054 28.4	3	South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX)
989 26.6	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI)

Variable 320	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

NHTSA SAS Variable - WEIGHT

Imputed NONMOTORIST Variables

Variables 321 through 326 are imputed versions of previous variables found in the nonmotorist dataset.

Variable 321	IMPUTED NONMOTORIST AGE	Width: 3	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AGE_H

This variable was imputed by NHTSA

27Sep05 Prcnt	Code Value and Description	
5 0.1	0	Less than one year old
14 0.4	1	- Age in years
1 0.0	93	

Variable 322	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

27Sep05	Prcnt	Code	Value and Description
331	8.9	0	Not applicable
3118	83.9	1	Alcohol not involved
266	7.2	2	Alcohol involved

Variable 323	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 8

Variable 324	IMP NMTR INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - INJSEV_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
271	7.3	0	No injury (O)
321	8.6	1	Possible injury(C)
2058	55.4	2	Nonincapacitating injury (B)
892	24.0	3	Incapacitating injury (A)
144	3.9	4	Fatal injury (K)
29	0.8	5	Injured, severity unknown (U)
0	0.0	6	Died prior to crash

Variable 325	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

Variable 326	IMPUTED NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SEX_H

This variable was imputed by NHTSA

27Sep05	Prcnt	Code	Value and Description
2516	67.7	1	Male
1199	32.3	2	Female

Multiple Response Variables

Variables 327 through 337 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

Variable 327	PHYSICAL IMPAIRMENT #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MIMPAIR

Physical impairment #1

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

27Sep05 Prcnt Code Value and Description

Coded for nonmotorist only:

3346	90.1	0	None
3	0.1	1	Ill, blackout
0	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
8	0.2	4	Paraplegic or restricted to wheelchair
1	0.0	5	Impaired due to previous injury
4	0.1	6	Deaf
1	0.0	7	Blind
10	0.3	97	Physical impairment - no details
75	2.0	98	Other physical impairment
267	7.2	99	Unknown if physically impaired

Variable 328	PHYSICAL IMPAIRMENT #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MIMPAIR2

Physical impairment #2

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

27Sep05 Prcnt Code Value and Description

Coded for nonmotorist only:

3715	100.0	0	None
0	0.0	1	Ill, blackout
0	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
0	0.0	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury

Variable 328:PHYSICAL IMPAIRMENT #2 (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	6	Deaf
0	0.0	7	Blind
0	0.0	97	Physical impairment - no details
0	0.0	98	Other physical impairment
0	0.0	99	Unknown if physically impaired

Variable 329	NONMOTORIST ACTION #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION

Nonmotorist action #1

27Sep05	Prcnt	Code	Value and Description
1567	42.2	0	No action
Nonmotorist Vehicle Operator:			
28	0.8	1	Failing to have lights on when required
14	0.4	2	Operating without required equipment
17	0.5	3	Improper or erratic lane changing
21	0.6	4	Failure to keep in proper lane or running off road
48	1.3	5	Making improper entry to or exit from trafficway
28	0.8	6	Operating the vehicle in other erratic, reckless, careless or negligent manner
418	11.3	7	Failure to yield right of way
23	0.6	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
125	3.4	10	Driving on wrong side of road
Other Nonmotorist:			
457	12.3	21	Darting or running into road
375	10.1	22	Improper crossing of roadway or intersection (jaywalking)
17	0.5	24	Inattentive (talking, eating, etc.)
4	0.1	25	Jogging
2	0.1	26	Nonmotorist pushing a vehicle
45	1.2	27	Walking with traffic
15	0.4	28	Walking against traffic
180	4.8	29	Playing, working, sitting, lying, standing, etc. in roadway
183	4.9	98	Other action
136	3.7	99	Unknown action

Variable 330	NONMOTORIST ACTION #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION2

Nonmotorist action #2

27Sep05	Prcnt	Code	Value and Description
3353	90.3	0	No action
Nonmotorist Vehicle Operator:			
0	0.0	1	Failing to have lights on when required
12	0.3	2	Operating without required equipment
0	0.0	3	Improper or erratic lane changing
0	0.0	4	Failure to keep in proper lane or running off road
1	0.0	5	Making improper entry to or exit from trafficway
2	0.1	6	Operating the vehicle in erratic, reckless, careless or negligent manner
52	1.4	7	Failure to yield right of way
79	2.1	8	Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
12	0.3	9	Making other improper turns
21	0.6	10	Driving on wrong side of road
Other Nonmotorists:			
0	0.0	21	Darting or running into road
138	3.7	22	Improper crossing of roadway or intersection (jaywalking)
15	0.4	24	Inattentive (talking, eating, etc.)
4	0.1	25	Jogging
0	0.0	26	Nonmotorist pushing a vehicle
0	0.0	27	Walking with traffic
1	0.0	28	Walking against traffic
3	0.1	29	Playing, working, sitting, lying, standing, etc. in roadway
22	0.6	98	Other action
0	0.0	99	Unknown action

Variable 331	NONMOTORIST ACTION #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION3

Nonmotorist action #3

27Sep05	Prcnt	Code	Value and Description
3677	99.0	0	No action
Nonmotorist Vehicle Operator:			
0	0.0	1	Failing to have lights on when required
0	0.0	2	Operating without required equipment
0	0.0	3	Improper or erratic lane changing

Variable 331:NONMOTORIST ACTION #3 (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	4	Failure to keep in proper lane or running off road
0	0.0	5	Making improper entry to or exit from trafficway
0	0.0	6	Operating the vehicle in erratic, reckless, careless or negligent manner
5	0.1	7	Failure to yield right of way
6	0.2	8	Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
3	0.1	9	Making other improper turns
8	0.2	10	Driving on wrong side of road
Other Nonmotorists:			
0	0.0	21	Darting or running into road
0	0.0	22	Improper crossing of roadway or intersection (jaywalking)
12	0.3	24	Inattentive (talking, eating, etc.)
0	0.0	25	Jogging
0	0.0	26	Nonmotorist pushing a vehicle
0	0.0	27	Walking with traffic
0	0.0	28	Walking against traffic
0	0.0	29	Playing, working, sitting, lying, standing, etc. in roadway
4	0.1	98	Other action
0	0.0	99	Unknown action

Variable 332	NONMOTORIST ACTION #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION4

Nonmotorist action #4

27Sep05	Prcnt	Code	Value and Description
3712	99.9	0	No action
Nonmotorist Vehicle Operator:			
0	0.0	1	Failing to have lights on when required
0	0.0	2	Operating without required equipment
0	0.0	3	Improper or erratic lane changing
0	0.0	4	Failure to keep in proper lane or running off road
0	0.0	5	Making improper entry to or exit from trafficway
0	0.0	6	Operating the vehicle in erratic, reckless, careless or negligent manner
0	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
0	0.0	9	Making other improper turns
2	0.1	10	Driving on wrong side of road

Variable 332:NONMOTORIST ACTION #4 (Continued)

27Sep05	Prcnt	Code	Value and Description
			Other Nonmotorists:
0	0.0	21	Darting or running into road
0	0.0	22	Improper crossing of roadway or intersection (jaywalking)
0	0.0	24	Inattentive (talking, eating, etc.)
0	0.0	25	Jogging
0	0.0	26	Nonmotorist pushing a vehicle
0	0.0	27	Walking with traffic
0	0.0	28	Walking against traffic
0	0.0	29	Playing, working, sitting, lying, standing, etc. in roadway
0	0.0	98	Other action
0	0.0	99	Unknown action

Variable 333	NONMOTORIST ACTION #5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MACTION5

Nonmotorist action #5

27Sep05	Prcnt	Code	Value and Description
3715	100.0	0	No action
			Nonmotorist Vehicle Operator:
0	0.0	1	Failing to have lights on when required
0	0.0	2	Operating without required equipment
0	0.0	3	Improper or erratic lane changing
0	0.0	4	Failure to keep in proper lane or running off road
0	0.0	5	Making improper entry to or exit from trafficway
0	0.0	6	Operating the vehicle in erratic, reckless, careless or negligent manner
0	0.0	7	Failure to yield right of way
0	0.0	8	Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone
0	0.0	9	Making other improper turns
0	0.0	10	Driving on wrong side of road
			Other Nonmotorists:
0	0.0	21	Darting or running into road
0	0.0	22	Improper crossing of roadway or intersection (jaywalking)
0	0.0	24	Inattentive (talking, eating, etc.)
0	0.0	25	Jogging
0	0.0	26	Nonmotorist pushing a vehicle
0	0.0	27	Walking with traffic
0	0.0	28	Walking against traffic
0	0.0	29	Playing, working, sitting, lying, standing, etc. in roadway

Variable 333:NONMOTORIST ACTION #5 (Continued)

27Sep05	Prcnt	Code	Value and Description
0	0.0	98	Other action
0	0.0	99	Unknown action

Variable 334	BICYCL TRAF CNTRL DEVC#1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BTRAFCON

Bicycle traffic control device #1

27Sep05	Prcnt	Code	Value and Description
3158	85.0	0	No controls
NOT AT RAILROAD GRADE CROSSING:			
Trafficway Traffic Signals			
295	7.9	1	Traffic control signal (on colors)
3	0.1	4	Flashing traffic control signal or flashing beacon
0	0.0	8	Other traffic signal
0	0.0	9	Unknown traffic signal
Regulatory, School Zone Signs			
157	4.2	21	Stop sign
1	0.0	22	Yield sign
0	0.0	23	School zone related sign
4	0.1	28	Other sign
0	0.0	29	Unknown sign
Warning Signs			
4	0.1	40	Advisory speed sign
0	0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
0	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			
1	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)
0	0.0	62	Passive device at RR crossing (stop sign, cross bucks)
OTHER:			
1	0.0	97	Traffic control present - no details
3	0.1	98	Other traffic control (whether or not at RR grade crossing)
88	2.4	99	Unknown

Variable	335	BICYCL TRAF CNTRL DEVC#2	Width: 2	Type: Numeric
			Dec: None	Miss: 99

NHTSA SAS Variable - BTRAFCON2

Bicycle traffic control device #2

27Sep05	Prcnt	Code	Value and Description
3711	99.9	0	No controls
			NOT AT RAILROAD GRADE CROSSING:
			Trafficway Traffic Signals
0	0.0	1	Traffic control signal (on colors)
0	0.0	4	Flashing traffic control signal or flashing beacon
0	0.0	8	Other traffic signal
0	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs
0	0.0	21	Stop sign
0	0.0	22	Yield sign
0	0.0	23	School zone related sign
2	0.1	28	Other sign
1	0.0	29	Unknown sign
			Warning Signs
0	0.0	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 devices at RR crossing (gates, flashing lights, traffic signal)
0	0.0	62	Passive device at RR crossing (stop sign, cross bucks)
			OTHER:
0	0.0	97	Traffic control present - no details
0	0.0	98	Other traffic control (whether or not at RR grade crossing)
0	0.0	99	Unknown

Variable 336	<u>SAFETY EQUIPMENT USED #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #1

27Sep05	Prcnt	Code	Value and Description
331	8.9	0	Not applicable
2605	70.1	1	None used
206	5.5	2	Bicycle helmet
11	0.3	3	Reflective equipment
0	0.0	4	Bicycle helmet and reflective equipment
10	0.3	8	Other safety equipment
552	14.9	9	Unknown if used

Variable 337	<u>SAFETY EQUIPMENT USED #2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MSAFEQMT2

Nonmotorist safety equipment used #2

27Sep05	Prcnt	Code	Value and Description
3714	100.0	0	Not applicable
0	0.0	1	None used
0	0.0	2	Bicycle helmet
1	0.0	3	Reflective equipment
0	0.0	4	Bicycle helmet and reflective equipment
0	0.0	8	Other safety equipment
0	0.0	9	Unknown if used

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
abandoned	132	4	Abandoned
absorber	175	4	Suspension-springs, shock absorbers, mac
absorber	176	4	Suspension-springs, shock absorbers, mac
absorber	177	4	Suspension-springs, shock absorbers, mac
absorber	178	4	Suspension-springs, shock absorbers, mac
abutment	10	34	Bridge structure (bridge pier/abutment/p
abutment	37	34	Bridge structure (pier/abutment/parapet
abutment	75	134	Bridge structure (bridge pier/abutment/p
abutment	133	34	Bridge structure (bridge pier/abutment/p
abutment	168	34	Bridge structure (bridge pier/abutment/p
accelerated	137	12	Accelerated and steered to right
accelerating	135	3	Accelerating in traffic lane
accelerating	137	10	Accelerating
accelerating	161	3	Accelerating in traffic lane
access	13	3	Driveway, alley access, etc.
access	45	3	Driveway, alley access, etc.
access	136	70	From driveway, alley access, etc. - turn
across	136	66	From crossing street, straight across pa
action	25	15	Motorist overtaking, counteractive evasi
action	81	*	ACTION FOR THIS EVENT
action	135	17	Successful corrective action/avoidance m
action	137	*	CORRECTIVE ACTION ATTEMP
action	161	17	Successful corrective action to a previo
action	329	*	NONMOTORIST ACTION #1
action	330	*	NONMOTORIST ACTION #2
action	331	*	NONMOTORIST ACTION #3
action	332	*	NONMOTORIST ACTION #4
action	333	*	NONMOTORIST ACTION #5
active	20	61	Active devices (gates, flashing lights,
active	48	61	Active devices (gates, flashing lights,
active	169	61	Active devices at RR crossing (gates, fl
active	170	61	Active devices at RR crossing (gates, fl
active	171	61	Active devices at RR crossing (gates, fl
active	172	61	Active devices at RR crossing (gates, fl
active	334	61	Active device at RR crossing (gates, fla
active	335	61	Active devices at RR crossing (gates, fl
acura	105	54	Acura
adjusting	182	7	While adjusting climate control
adjusting	183	7	While adjusting climate control
adjusting	184	7	While adjusting climate control
adverse	23	1	No adverse atmospheric conditions
adverse	49	1	No adverse atmospheric related driving c
advisory	20	40	Advisory speed sign
advisory	48	40	Advisory speed sign
advisory	169	40	Advisory speed sign
advisory	170	40	Advisory speed sign
advisory	171	40	Advisory speed sign
advisory	172	40	Advisory speed sign
advisory	334	40	Advisory speed sign
advisory	335	40	Advisory speed sign
aerostar	108	20	Minivan (Chrysler Town & Country, Astro,
aerostar	158	20	Minivan (Chrysler Town & Country, Astro,
age	209	*	OCCUPANT AGE
age	221	*	IMPUTED OCCUPANT AGE

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
age	309	*	NONMOTORIST AGE
age	321	*	IMPUTED NONMOTORIST AGE
ahead	20	43	Warning sign for environment/traffic (fo
ahead	48	43	Warning sign for environment/traffic (fo
ahead	169	43	Warning sign for environment/traffic (fo
ahead	170	43	Warning sign for environment/traffic (fo
ahead	171	43	Warning sign for environment/traffic (fo
ahead	172	43	Warning sign for environment/traffic (fo
ahead	334	43	Warning sign for environment/traffic (fo
ahead	335	43	Warning sign for environment/traffic (fo
air	207	0	No air bag available (includes airbags t
airbag	207	*	AIRBAG AVAIL/FUNCTION
airbags	207	0	No air bag available (includes airbags t
alcohol	28	*	ALCOHOL INVOLVED IN ACC
alcohol	35	*	IMP ALC INVOLVED IN ACC
alcohol	151	1	Alcohol involved
alcohol	165	1	Alcohol or drugs
alcohol	167	*	IMP ALC INVOLVED IN VEH
alcohol	185	1	Alcohol
alcohol	186	1	Alcohol
alcohol	187	1	Alcohol
alcohol	188	1	Alcohol
alcohol	189	1	Alcohol
alcohol	213	*	PAR ALCOHOL INVOLVEMENT
alcohol	222	*	IMP PAR ALC INVOLVEMENT
alcohol	313	*	PAR ALCOHOL INVOLVEMENT
alcohol	322	*	IMP PAR ALC INVOLVEMENT
alfa	105	31	Alfa Romeo
alignment	17	*	ROADWAY ALIGNMENT
alignment	36	*	IMP ROADWAY ALIGNMENT
alignment	143	*	ROADWAY ALIGNMENT
alley	13	3	Driveway, alley access, etc.
alley	21	0	No statutory limit (parking lot, alley,
alley	25	8	Drive out, driveway/alley
alley	45	3	Driveway, alley access, etc.
alley	46	0	No statutory limit (parking lot, alley,
alley	136	70	From driveway, alley access, etc. - turn
alley	146	0	No statutory limit (parking lot, alley,
ambulance	108	11	Auto-based panel (cargo station wagon, a
ambulance	112	6	Ambulance
ambulance	158	11	Auto-based panel (cargo station wagon, a
amc	105	46	Renault/AMC
american	105	1	American Motors
american	106	+	Rambler/American
angle	11	4	Angle
angle	40	4	Angle
animal	10	24	Animal
animal	37	24	Animal
animal	75	124	Animal
animal	133	24	Animal
animal	136	87	Animal in roadway
animal	168	24	Animal
animal	173	3	Animal in road
animal	174	3	Animal in road
applies	30	1	Group 1L - applies if an occupant of a t
applies	78	1	Group 1L - applies if an occupant of a t
applies	154	1	Group 1L - applies if an occupant of a t

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
applies	217	1	Group 1L - applies if an occupant of a t
applies	317	1	Group 1L - applies if an occupant of a t
approach	25	97	Unknown if approach paths are parallel o
april	2	4	April
arm	175	4	Suspension-springs, shock absorbers, mac
arm	176	4	Suspension-springs, shock absorbers, mac
arm	177	4	Suspension-springs, shock absorbers, mac
arm	178	4	Suspension-springs, shock absorbers, mac
arrow	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
arrow	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
asleep	182	11	Sleepy or fell asleep
asleep	183	11	Sleepy or fell asleep
asleep	184	11	Sleepy or fell asleep
asleep	227	2	Drowsy, sleepy, fell asleep, fatigued
asleep	228	2	Drowsy, sleepy, fell asleep, fatigued
asleep	327	2	Drowsy, sleepy, fell asleep, fatigued
asleep	328	2	Drowsy, sleepy, fell asleep, fatigued
astro	108	20	Minivan (Chrysler Town & Country, Astro,
astro	158	20	Minivan (Chrysler Town & Country, Astro,
atc	108	90	ATV (all terrain vehicle including dune/
atc	158	90	ATV (all terrain vehicle including dune/
atmospheric	23	*	ATMOSPHERIC CONDITION
atmospheric	49	*	IMP ATMOSPHERIC COND
attempted	137	99	Unknown if driver attempted avoidance ma
attenuator	10	33	Impact attenuator or crash cushion
attenuator	37	33	Impact attenuator or crash cushion
attenuator	75	133	Impact attenuator or crash cushion
attenuator	133	33	Impact attenuator or crash cushion
attenuator	168	33	Impact attenuator or crash cushion
atv	108	90	ATV (all terrain vehicle including dune/
atv	158	90	ATV (all terrain vehicle including dune/
audi	105	32	Audi
august	2	8	August
austin	105	33	Austin/Austin Healey
auto	109	7	Auto transporter
auto-based	108	10	Auto-based pickup (includes El Camino, C
auto-based	158	10	Auto-based pickup (includes El Camino, C
automobile	108	8	Other automobile type
automobile	158	8	Other automobile type
avoid	173	*	DRVR MANEUVER TO AVOID#1
avoid	174	*	DRVR MANEUVER TO AVOID#2
avoidance	135	17	Successful corrective action/avoidance m
avoidance	137	1	No avoidance maneuver
avoidance	173	97	Avoidance maneuver - no details
avoidance	174	97	Avoidance maneuver - no details
axle	110	*	NO OF AXLES ON VEH/TRAIL
backing	25	11	The crash involves a motor vehicle which
backing	135	13	Backing up (other than for parking posit
backing	136	56	Backing
backing	161	13	Backing up (other than for parking purpo
bag	207	0	No air bag available (includes airbags t
ball	175	3	Steering system - tie rod, kingpin, ball
ball	176	3	Steering system - tie rod, kingpin, ball
ball	177	3	Steering system - tie rod, kingpin, ball
ball	178	3	Steering system - tie rod, kingpin, ball
barrier	10	36	Concrete traffic barrier or other longit
barrier	15	2	Divided highway (median strip, barrier,

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
barrier	37	36	Concrete traffic barrier or other longit
barrier	75	136	Concrete traffic barrier or other longit
barrier	133	36	Concrete traffic barrier or other longit
barrier	148	2	Divided highway (median strip, barrier)
barrier	168	36	Concrete traffic barrier or other longit
beacon	20	4	Flashing traffic control signal or flash
beacon	48	4	Flashing traffic control signal or flash
beacon	169	4	Flashing traffic control signal or flash
beacon	170	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	334	4	Flashing traffic control signal or flash
beacon	335	4	Flashing traffic control signal or flash
beauville	108	21	Large van (Sportvan, Chevy Van, Club Wag
beauville	158	21	Large van (Sportvan, Chevy Van, Club Wag
belt	206	1	Lap/shoulder belt
benz	105	42	Mercedes Benz
bicycle	108	81	Moped (motorized bicycle)
bicycle	158	81	Moped (motorized bicycle)
bicycle	334	*	BICYCL TRAF CNTRL DEVC#1
bicycle	335	*	BICYCL TRAF CNTRL DEVC#2
bicycle	336	2	Bicycle helmet
bicycle	337	2	Bicycle helmet
bicyclist	25	40	Is the pedalcyclist riding a children's
big	25	40	Is the pedalcyclist riding a children's
billboard	179	4	Building, billboard, or other design fea
billboard	180	4	Building, billboard, or other design fea
billboard	181	4	Building, billboard, or other design fea
blackout	227	1	Ill, blackout
blackout	228	1	Ill, blackout
blackout	327	1	Ill, blackout
blackout	328	1	Ill, blackout
blazer	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
blazer	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
blind	227	7	Blind
blind	228	7	Blind
blind	327	7	Blind
blind	328	7	Blind
blow	136	1	Blow out or flat tire
blowing	23	8	Other (smog, smoke, blowing sand/dust/sn
blowing	49	8	Other (smog, smoke, blowing sand/dust/sn
bmw	105	34	BMW
body	108	*	BODY TYPE
body	109	*	CARGO BODY TYPE
body	158	*	IMPUTED BODY TYPE
body	175	14	Body, doors
body	176	14	Body, doors
body	177	14	Body, doors
body	178	14	Body, doors
boulder	10	46	Boulder
boulder	37	46	Boulder
boulder	75	146	Boulder
boulder	133	46	Boulder
boulder	168	46	Boulder
box	109	2	Van/enclosed box
brake	137	5	Releasing brakes
brake	175	2	Brake system

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
brake	176	2	Brake system
brake	177	2	Brake system
brake	178	2	Brake system
braking	137	2	Braking (no lockup)
brat	108	10	Auto-based pickup (includes El Camino, C
brat	158	10	Auto-based pickup (includes El Camino, C
bridge	10	34	Bridge structure (bridge pier/abutment/p
bridge	13	6	On a bridge
bridge	37	34	Bridge structure (pier/abutment/parapet
bridge	45	6	On a bridge
bridge	75	134	Bridge structure (bridge pier/abutment/p
bridge	133	34	Bridge structure (bridge pier/abutment/p
bridge	168	34	Bridge structure (bridge pier/abutment/p
bright	179	2	Reflected glare, bright sunlight, headli
bright	180	2	Reflected glare, bright sunlight, headli
bright	181	2	Reflected glare, bright sunlight, headli
brockway	105	80	Brockway
broken	179	14	Broken or improperly cleaned windshield
broken	180	14	Broken or improperly cleaned windshield
broken	181	14	Broken or improperly cleaned windshield
bronco	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
bronco	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
bronco [post&'78]	108	15	Large utility (Jeep Cherokee 83 and befo
bronco [post&'78]	158	15	Large utility (Jeep Cherokee 83 and befo
brought	182	10	While using or reaching for device/objec
brought	183	10	While using or reaching for device/objec
brought	184	10	While using or reaching for device/objec
bsa	105	70	BSA
bucks	20	62	Passive device (stop sign, cross bucks)
bucks	48	62	Passive device (stop sign, cross bucks)
bucks	169	62	Passive device at RR crossing (stop sign
bucks	170	62	Passive device at RR crossing (stop sign
bucks	171	62	Passive device at RR crossing (stop sign
bucks	172	62	Passive device at RR crossing (stop sign
bucks	334	62	Passive device at RR crossing (stop sign
bucks	335	62	Passive device at RR crossing (stop sign
buggy	108	90	ATV (all terrain vehicle including dune/
buggy	158	90	ATV (all terrain vehicle including dune/
buick	105	18	Buick
building	10	32	Building
building	37	32	Building
building	75	132	Building
building	133	32	Building
building	168	32	Building
building	179	4	Building, billboard, or other design fea
building	180	4	Building, billboard, or other design fea
building	181	4	Building, billboard, or other design fea
bus	24	*	SCH BUS RELATED TO ACC
bus	25	110	Commercial bus related
bus	105	98	Other (truck or bus)
bus	108	20	Minivan (Chrysler Town & Country, Astro,
bus	109	1	Bus
bus	112	2	Vehicle used as school bus
bus	158	20	Minivan (Chrysler Town & Country, Astro,
bus-based	108	58	Other bus type (transit, intercity, bus-
bus-based	158	58	Other bus type (transit, intercity, bus-
bush	10	44	Shrubbery or bush

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
bush	37	44	Shrubbery or bush
bush	75	144	Shrubbery or bush
bush	133	44	Shrubbery or bush
bush	168	44	Shrubbery or bush
cab	108	40	Cab chassis-based (includes rescue vehic
cab	158	40	Cab chassis-based (includes rescue vehic
cab	205	50	Sleeper section of cab (truck)
cab	225	50	Sleeper section of cab (truck)
caballero	108	10	Auto-based pickup (includes El Camino, C
caballero	158	10	Auto-based pickup (includes El Camino, C
cadillac	105	19	Cadillac
camino	108	10	Auto-based pickup (includes El Camino, C
camino	158	10	Auto-based pickup (includes El Camino, C
camper	108	32	Pickup with slide-in camper
camper	158	32	Pickup with slide-in camper
cane	227	3	Requires cane or crutches
cane	228	3	Requires cane or crutches
cane	327	3	Requires cane or crutches
cane	328	3	Requires cane or crutches
car	104	1	Yes, driver or car and driver left scene
car	108	17	3-door coupe (passenger car, added in 19
car	112	7	Fire truck and car
car	158	17	3-door coupe (passenger car, added in 19
car	159	1	Yes, driver or car and driver left scene
caravan	108	20	Minivan (Chrysler Town & Country, Astro,
caravan	158	20	Minivan (Chrysler Town & Country, Astro,
careless	329	6	Operating the vehicle in other erratic,
careless	330	6	Operating the vehicle in erratic, reckle
careless	331	6	Operating the vehicle in erratic, reckle
careless	332	6	Operating the vehicle in erratic, reckle
careless	333	6	Operating the vehicle in erratic, reckle
cargo	25	36	Weird - the motorist or cyclist intentio
cargo	108	11	Auto-based panel (cargo station wagon, a
cargo	109	*	CARGO BODY TYPE
cargo	158	11	Auto-based panel (cargo station wagon, a
cargo	205	51	Other passenger in passenger or cargo ar
cargo	225	51	Other passenger in passenger or cargo ar
carrier's	117	*	CARRIER'S ID NUMBER
carry	108	50	School bus type (designed to carry stude
carry	158	50	School bus type (designed to carry stude
case	1	*	CASE NUMBER
case	71	*	CASE NUMBER
case	101	*	CASE NUMBER
case	201	*	CASE NUMBER
case	301	*	CASE NUMBER
cassette	182	8	While adjusting radio, cassette, or CD
cassette	183	8	While adjusting radio, cassette, or CD
cassette	184	8	While adjusting radio, cassette, or CD
cause	25	36	Weird - the motorist or cyclist intentio
cause	136	8	Other cause of control loss
cd	182	8	While adjusting radio, cassette, or CD
cd	183	8	While adjusting radio, cassette, or CD
cd	184	8	While adjusting radio, cassette, or CD
cellular	182	5	While talking or listening to cellular p
cellular	183	5	While talking or listening to cellular p
cellular	184	5	While talking or listening to cellular p
changing	135	15	Changing lanes

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
changing	161	15	Changing lanes
changing	329	3	Improper or erratic lane changing
changing	330	3	Improper or erratic lane changing
changing	331	3	Improper or erratic lane changing
changing	332	3	Improper or erratic lane changing
changing	333	3	Improper or erratic lane changing
charged	165	*	IMP VIOLATIONS CHARGED
charged	185	*	DRVR VIOLATNS CHARGED #1
charged	186	*	DRVR VIOLATNS CHARGED #2
charged	187	*	DRVR VIOLATNS CHARGED #3
charged	188	*	DRVR VIOLATNS CHARGED #4
charged	189	*	DRVR VIOLATNS CHARGED #5
chassis	108	12	Large limousine (more than four side doo
chassis	158	12	Large limousine (more than four side doo
chassis-based	108	40	Cab chassis-based (includes rescue vehic
chassis-based	158	40	Cab chassis-based (includes rescue vehic
chateau	108	21	Large van (Sportvan, Chevy Van, Club Wag
chateau	158	21	Large van (Sportvan, Chevy Van, Club Wag
cherokee	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
cherokee	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
chevrolet	105	20	Chevrolet
chevrolet	108	16	Utility station wagon (Chevrolet Suburba
chevrolet	158	16	Utility station wagon (Chevrolet Suburba
chevy	108	21	Large van (Sportvan, Chevy Van, Club Wag
chevy	158	21	Large van (Sportvan, Chevy Van, Club Wag
child	206	6	Child safety seat
children's	25	40	Is the pedalcyclist riding a children's
chrysler	105	6	Chrysler
chrysler	108	20	Minivan (Chrysler Town & Country, Astro,
chrysler	158	20	Minivan (Chrysler Town & Country, Astro,
city	108	97	Other type vehicle (includes go-cart, fo
city	158	97	Other type vehicle (includes go-cart, fo
cj2-cj7	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
cj2-cj7	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
clarification	30	4	Group 4 - applies if the crash does not
clarification	78	4	Group 4 - applies if the crash does not
clarification	154	4	Group 4 - applies if the crash does not
clarification	217	4	Group 4 - applies if the crash does not
clarification	317	4	Group 4 - applies if the crash does not
cleaned	179	14	Broken or improperly cleaned windshield
cleaned	180	14	Broken or improperly cleaned windshield
cleaned	181	14	Broken or improperly cleaned windshield
climate	182	7	While adjusting climate control
climate	183	7	While adjusting climate control
climate	184	7	While adjusting climate control
clockwise	138	3	Skidding laterally - clockwise rotation
club	108	21	Large van (Sportvan, Chevy Van, Club Wag
club	158	21	Large van (Sportvan, Chevy Van, Club Wag
code	152	*	DRIVERS ZIP CODE
coded	119	99	Unknown number of occupants coded
coded	173	94	Not coded
coded	174	94	Not coded
coded	179	94	Not coded
coded	180	94	Not coded
coded	181	94	Not coded
coded	182	94	Not coded
coded	183	94	Not coded

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
coded	184	94	Not coded
coded	208	6	Not coded
coded	213	7	Not coded
coded	214	7	Not coded
coded	222	7	Not coded
coded	223	6	Not coded
coded	313	7	Not coded
coded	314	7	Not coded
coded	322	7	Not coded
collision	11	*	MANNER OF COLLISION
collision	40	*	IMP MANNER OF COLLISION
collision	81	2	Collision with object not fixed
collision	136	0	Not applicable/no collision
color	20	1	Traffic control signal (on colors)
color	48	1	Traffic control signal (on colors)
color	169	1	Traffic control signal (on colors)
color	170	1	Traffic control signal (on colors)
color	171	1	Traffic control signal (on colors)
color	172	1	Traffic control signal (on colors)
color	334	1	Traffic control signal (on colors)
color	335	1	Traffic control signal (on colors)
colt	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
colt	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
comanche	108	31	Large/standard pickup (Jeep Pickup, Coma
comanche	158	31	Large/standard pickup (Jeep Pickup, Coma
commercial	25	2	Ride out, commercial driveway
compact	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
compact	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
concrete	10	36	Concrete traffic barrier or other longit
concrete	37	36	Concrete traffic barrier or other longit
concrete	75	136	Concrete traffic barrier or other longit
concrete	109	6	Concrete mixer
concrete	133	36	Concrete traffic barrier or other longit
concrete	168	36	Concrete traffic barrier or other longit
condition	19	*	ROADWAY SURFACE COND
condition	20	41	Warning sign for road conditions (hill,
condition	22	*	LIGHT CONDITION
condition	23	*	ATMOSPHERIC CONDITION
condition	39	*	IMP LIGHT CONDITION
condition	47	*	IMP ROADWAY SURFACE COND
condition	48	41	Warning sign for road conditions (hill,
condition	49	*	IMP ATMOSPHERIC COND
condition	136	5	Poor road conditions (puddle, pothole, i
condition	147	*	SURFACE CONDITION
condition	169	41	Warning sign for road conditions (hill,
condition	170	41	Warning sign for road conditions (hill,
condition	171	41	Warning sign for road conditions (hill,
condition	172	41	Warning sign for road conditions (hill,
condition	173	2	Poor road conditions (puddle, ice, potho
condition	174	2	Poor road conditions (puddle, ice, potho
condition	334	41	Warning sign for road conditions (hill,
condition	335	41	Warning sign for road conditions (hill,
construction	20	42	Warning sign for road construction
construction	34	4	Yes, first harmful event in work or cons
construction	48	42	Warning sign for road construction
construction	108	93	Construction equipment other than trucks
construction	112	12	Construction equipment

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
construction	158	93	Construction equipment other than trucks
construction	169	42	Warning sign for road construction
construction	170	42	Warning sign for road construction
construction	171	42	Warning sign for road construction
construction	172	42	Warning sign for road construction
construction	334	42	Warning sign for road construction
construction	335	42	Warning sign for road construction
contact	75	*	VEH #-OTH VEH/OBJ CONTAC
continuous	14	9	Continuous left turn lane
contributing	175	*	VEHICLE CONTRIB FACTOR#1
contributing	176	*	VEHICLE CONTRIB FACTOR#2
contributing	177	*	VEHICLE CONTRIB FACTOR#3
contributing	178	*	VEHICLE CONTRIB FACTOR#4
control	20	*	TRAFFIC CONTROL DEVICE
control	25	14	Motorist lost control
control	48	*	IMP TRAFFIC CONTROL DEV
control	136	8	Other cause of control loss
control	138	*	PRECRASH VEHICLE CONTROL
control	169	0	No controls
control	170	0	No controls
control	171	0	No controls
control	172	0	No controls
control	175	4	Suspension-springs, shock absorbers, mac
control	176	4	Suspension-springs, shock absorbers, mac
control	177	4	Suspension-springs, shock absorbers, mac
control	178	4	Suspension-springs, shock absorbers, mac
control	182	7	While adjusting climate control
control	183	7	While adjusting climate control
control	184	7	While adjusting climate control
control	329	8	Failure to obey traffic signs, traffic c
control	330	8	Failure to obey traffic signs, traffic c
control	331	8	Failure to obey traffic signs, traffic c
control	332	8	Failure to obey traffic signs, traffic c
control	333	8	Failure to obey traffic signs, traffic c
control	334	0	No controls
control	335	0	No controls
controlled	25	55	Controlled intersection, other
conventional	108	39	Unknown (pickup style) light conventiona
conventional	158	39	Unknown (pickup style) light conventiona
convertible	108	1	Convertible (excludes sun roof, t-bar)
convertible	158	1	Convertible (excludes sun roof, t-bar)
corner	25	31	Cyclist cuts corner
corner	74	11	Front right corner
corner	76	11	Front right corner
corner	125	11	Front right corner
corner	160	11	Front right corner
corrective	135	17	Successful corrective action/avoidance m
corrective	137	*	CORRECTIVE ACTION ATTEMP
corrective	161	17	Successful corrective action to a previo
counteractive	25	15	Motorist overtaking, counteractive evasi
counterclockwise	138	4	Skidding laterally - counterclockwise ro
country	32	*	REGION OF COUNTRY
country	80	*	REGION OF COUNTRY
country	108	20	Minivan (Chrysler Town & Country, Astro,
country	156	*	REGION OF COUNTRY
country	158	20	Minivan (Chrysler Town & Country, Astro,
country	219	*	REGION OF COUNTRY

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
country	319	*	REGION OF COUNTRY
coupe	108	2	2-door sedan, hardtop, coupe
coupe	158	2	2-door sedan, hardtop, coupe
courier	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
courier	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
crash	10	33	Impact attenuator or crash cushion
crash	20	43	Warning sign for environment/traffic (fo
crash	25	*	PED/CYCLIST CRASH TYPE
crash	26	8	No person involved in the crash
crash	27	0	No person injured/property damage only c
crash	28	8	No applicable person involved in the cra
crash	30	1	Group 1L - applies if an occupant of a t
crash	37	33	Impact attenuator or crash cushion
crash	41	8	No person involved in the crash
crash	43	0	No person injured/property damage only c
crash	48	43	Warning sign for environment/traffic (fo
crash	75	133	Impact attenuator or crash cushion
crash	78	1	Group 1L - applies if an occupant of a t
crash	133	33	Impact attenuator or crash cushion
crash	141	98	Other crash type
crash	149	6	Died prior to crash
crash	150	0	No person injured/property damage only c
crash	154	1	Group 1L - applies if an occupant of a t
crash	163	6	Died prior to crash
crash	164	0	No person injured/property damage only c
crash	167	8	No applicable person involed in the cras
crash	168	33	Impact attenuator or crash cushion
crash	169	43	Warning sign for environment/traffic (fo
crash	170	43	Warning sign for environment/traffic (fo
crash	171	43	Warning sign for environment/traffic (fo
crash	172	43	Warning sign for environment/traffic (fo
crash	211	6	Died prior to crash
crash	217	1	Group 1L - applies if an occupant of a t
crash	224	6	Died prior to crash
crash	311	6	Died prior to crash
crash	317	1	Group 1L - applies if an occupant of a t
crash	324	6	Died prior to crash
crash	334	43	Warning sign for environment/traffic (fo
crash	335	43	Warning sign for environment/traffic (fo
critical	135	*	PRIOR TO CRITICAL EVENT
critical	136	*	CRITICAL EVENT
critical	161	*	IMP PRIOR TO CRIT EVENT
crop	179	5	Trees, crops, vegetation
crop	180	5	Trees, crops, vegetation
crop	181	5	Trees, crops, vegetation
cross	20	62	Passive device (stop sign, cross bucks)
cross	25	610	Pedestrian waiting to cross at/near curb
cross	48	62	Passive device (stop sign, cross bucks)
cross	108	50	School bus type (designed to carry stude
cross	158	50	School bus type (designed to carry stude
cross	169	62	Passive device at RR crossing (stop sign
cross	170	62	Passive device at RR crossing (stop sign
cross	171	62	Passive device at RR crossing (stop sign
cross	172	62	Passive device at RR crossing (stop sign
cross	334	62	Passive device at RR crossing (stop sign
cross	335	62	Passive device at RR crossing (stop sign
crossing	13	5	Rail grade crossing

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
crossing	20	51	Officer, crossing guard, flagman, etc.
crossing	25	97	Unknown if approach paths are parallel o
crossing	45	5	Rail grade crossing
crossing	48	51	Officer, crossing guard, flagman, etc.
crossing	136	17	Crossing over (passing through) intersec
crossing	169	51	Officer, crossing guard, flagman, etc.
crossing	170	51	Officer, crossing guard, flagman, etc.
crossing	171	51	Officer, crossing guard, flagman, etc.
crossing	172	51	Officer, crossing guard, flagman, etc.
crossing	329	22	Improper crossing of roadway or intersec
crossing	330	22	Improper crossing of roadway or intersec
crossing	331	22	Improper crossing of roadway or intersec
crossing	332	22	Improper crossing of roadway or intersec
crossing	333	22	Improper crossing of roadway or intersec
crossing	334	51	Officer, crossing guard, flagman, etc.
crossing	335	51	Officer, crossing guard, flagman, etc.
crossover	13	7	Crossover related
crossover	45	7	Crossover related
crossover	136	55	In crossover
crosswalk	315	1	Intersection - in crosswalk
crosswind	23	8	Other (smog, smoke, blowing sand/dust/sn
crosswind	49	8	Other (smog, smoke, blowing sand/dust/sn
cruiser	108	15	Large utility (Jeep Cherokee 83 and befo
cruiser	158	15	Large utility (Jeep Cherokee 83 and befo
crutches	227	3	Requires cane or crutches
crutches	228	3	Requires cane or crutches
crutches	327	3	Requires cane or crutches
crutches	328	3	Requires cane or crutches
culvert	10	38	Culvert or ditch
culvert	37	38	Culvert or ditch
culvert	75	138	Culvert or ditch
culvert	133	38	Culvert or ditch
culvert	168	38	Culvert or ditch
curb	10	39	Curb
curb	25	610	Pedestrian waiting to cross at/near curb
curb	37	39	Curb
curb	75	139	Curb
curb	123	20	Tripped rollover - by curb
curb	133	39	Curb
curb	168	39	Curb
curve	17	2	Curve
curve	36	2	Curve
curve	135	14	Negotiating a curve
curve	143	2	Curve
curve	161	14	Negotiating a curve
curve	179	3	Curve or hill
curve	180	3	Curve or hill
curve	181	3	Curve or hill
cushion	10	33	Impact attenuator or crash cushion
cushion	37	33	Impact attenuator or crash cushion
cushion	75	133	Impact attenuator or crash cushion
cushion	133	33	Impact attenuator or crash cushion
cushion	168	33	Impact attenuator or crash cushion
cuts	25	31	Cyclist cuts corner
cycle	10	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	37	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	75	122	Cycle or cyclist (pedalcycle or pedalcyc

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
cycle	108	88	Other motored cycle type (minibike, moto
cycle	133	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	158	88	Other motored cycle type (minibike, moto
cycle	168	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	10	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	25	*	PED/CYCLIST CRASH TYPE
cyclist	37	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	75	122	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	133	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	168	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	304	6	Cyclist (pedalcyclist)
d100-d350	108	31	Large/standard pickup (Jeep Pickup, Coma
d100-d350	158	31	Large/standard pickup (Jeep Pickup, Coma
d50	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
d50	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
daewoo	105	64	Daewoo
daihatsu	105	60	Daihatsu
damage	27	0	No person injured/property damage only c
damage	30	2	Group 2 - applies if the NASS crash does
damage	43	0	No person injured/property damage only c
damage	78	2	Group 2 - applies if the NASS crash does
damage	125	0	No damage or noncollision
damage	126	*	DAMAGE AREA #1
damage	127	*	DAMAGE AREA #2
damage	128	*	DAMAGE AREA #3
damage	129	*	DAMAGE AREA #4
damage	130	*	DAMAGE AREA #5
damage	131	*	DAMAGE SEVERITY
damage	132	2	Towed due to damage
damage	150	0	No person injured/property damage only c
damage	154	2	Group 2 - applies if the NASS crash does
damage	160	0	No damage/noncollision
damage	164	0	No person injured/property damage only c
damage	217	2	Group 2 - applies if the NASS crash does
damage	317	2	Group 2 - applies if the NASS crash does
damaged	126	7	All areas damaged
damaged	127	7	All areas damaged
damaged	128	7	All areas damaged
damaged	129	7	All areas damaged
damaged	130	7	All areas damaged
dark	22	2	Dark
dark	39	2	Dark
darting	329	21	Darting or running into road
darting	330	21	Darting or running into road
darting	331	21	Darting or running into road
darting	332	21	Darting or running into road
darting	333	21	Darting or running into road
dart-out	25	821	Dart-out, first half
dash	25	730	Intersection dash
date	2	*	ACCIDENT DATE - MONTH
date	3	*	ACCIDENT DATE - YEAR
datson	105	35	Nissan/Datsun
datson	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
datson	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
dawn	22	4	Dawn
dawn	39	4	Dawn
day	4	*	ACCIDENT DAY OF WEEK

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
day	50	*	IMP ACCIDENT DAY OF WEEK
daylight	22	1	Daylight
daylight	39	1	Daylight
deaf	227	6	Deaf
deaf	228	6	Deaf
deaf	327	6	Deaf
deaf	328	6	Deaf
decelerating	135	2	Decelerating in traffic lane
decelerating	136	18	This vehicle decelerating
decelerating	161	2	Decelerating in traffic lane
december	2	12	December
defog	179	9	Inadequate defrost or defog system
defog	180	9	Inadequate defrost or defog system
defog	181	9	Inadequate defrost or defog system
defrost	179	9	Inadequate defrost or defog system
defrost	180	9	Inadequate defrost or defog system
defrost	181	9	Inadequate defrost or defog system
degree	138	2	Skidding longitudinally - rotation less
degree	208	7	Ejected - unknown degree
degree	223	7	Ejected - unknown degree
departed	139	4	Departed roadway
departure	136	14	End departure
deployed	207	1	Deployed
derivative	108	13	Three wheeled automobile or automobile d
derivative	158	13	Three wheeled automobile or automobile d
design	179	4	Building, billboard, or other design fea
design	180	4	Building, billboard, or other design fea
design	181	4	Building, billboard, or other design fea
designed	108	50	School bus type (designed to carry stude
designed	158	50	School bus type (designed to carry stude
device	20	*	TRAFFIC CONTROL DEVICE
device	48	61	Active devices (gates, flashing lights,
device	169	*	TRAFFIC CONTRL DEVICE #1
device	170	*	TRAFFIC CONTRL DEVICE #2
device	171	*	TRAFFIC CONTRL DEVICE #3
device	172	*	TRAFFIC CONTRL DEVICE #4
device	182	9	While using other device/controls integr
device	183	9	While using other device/controls integr
device	184	9	While using other device/controls integr
device	304	4	Occupant of a nonmotor vehicle transport
device	329	8	Failure to obey traffic signs, traffic c
device	330	8	Failure to obey traffic signs, traffic c
device	331	8	Failure to obey traffic signs, traffic c
device	332	8	Failure to obey traffic signs, traffic c
device	333	8	Failure to obey traffic signs, traffic c
device	334	61	Active device at RR crossing (gates, fla
device	335	61	Active devices at RR crossing (gates, fl
diagonal	136	64	From parallel/diagonal parking lane
dialing	182	6	While dialing cellular phone
dialing	183	6	While dialing cellular phone
dialing	184	6	While dialing cellular phone
diamond	105	81	Diamond Reo, Reo
died	26	6	Died prior
died	41	6	Died prior
died	149	6	Died prior to crash
died	163	6	Died prior to crash
died	211	6	Died prior to crash

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
died	224	6	Died prior to crash
died	311	6	Died prior to crash
died	324	6	Died prior to crash
direction	11	5	Sideswipe, same direction
direction	40	5	Sideswipe, same direction
direction	136	19	Unknown travel direction
dirt	19	5	Sand, dirt, oil
dirt	47	5	Sand, dirt, oil
dirt	147	5	Sand, dirt, oil
disabled	25	310	Walking to or from disabled vehicle
disabled	135	7	Disabled or parked in travel lane
disabled	161	7	Disabled or parked in travel lane
disabling	131	3	Severe (disabling from 1988-2003)
disabling	136	3	Disabling vehicle failure (e.g. wheel fe
dispatcher	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
dispatcher	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
distracted	182	*	DRIVER DISTRACTED BY #1
distracted	183	*	DRIVER DISTRACTED BY #2
distracted	184	*	DRIVER DISTRACTED BY #3
distraction	182	92	Distraction or inattention, details unkn
distraction	183	92	Distraction or inattention, details unkn
distraction	184	92	Distraction or inattention, details unkn
ditch	10	38	Culvert or ditch
ditch	37	38	Culvert or ditch
ditch	75	138	Culvert or ditch
ditch	123	22	Tripped rollover - by ditch
ditch	133	38	Culvert or ditch
ditch	168	38	Culvert or ditch
divided	15	0	Not physically divided (center 2-way lef
divided	148	0	Not physically divided (center two way 1
dodge	105	7	Dodge
dodge	108	20	Minivan (Chrysler Town & Country, Astro,
dodge	158	20	Minivan (Chrysler Town & Country, Astro,
domestic	105	29	Other domestic
door	108	7	Hatchback, number of doors unknown
door	158	7	Hatchback, number of doors unknown
door	175	14	Body, doors
door	176	14	Body, doors
door	177	14	Body, doors
door	178	14	Body, doors
drinking	151	*	DRIVER DRINKING IN VEH
drinking	182	13	Eating or drinking
drinking	183	13	Eating or drinking
drinking	184	13	Eating or drinking
drive	25	8	Drive out, driveway/alley
drive	175	5	Power train - universal joint, drive sha
drive	176	5	Power train - universal joint, drive sha
drive	177	5	Power train - universal joint, drive sha
drive	178	5	Power train - universal joint, drive sha
driven	132	1	Driven away
driver	25	760	Intersection, driver violation
driver	103	*	DRIVER PRESENCE
driver	104	1	Yes, driver or car and driver left scene
driver	135	0	No driver present
driver	137	0	No driver present
driver	138	0	No driver present
driver	139	0	No driver present

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
driver	142	8	No driver present
driver	151	*	DRIVER DRINKING IN VEH
driver	152	*	DRIVERS ZIP CODE
driver	159	1	Yes, driver or car and driver left scene
driver	161	0	No driver present
driver	165	95	No driver present
driver	173	0	Driver did not maneuver to avoid
driver	174	0	Driver did not maneuver to avoid
driver	175	13	Driver seating and control
driver	176	13	Driver seating and control
driver	177	13	Driver seating and control
driver	178	13	Driver seating and control
driver	179	95	No driver present
driver	180	95	No driver present
driver	181	95	No driver present
driver	182	*	DRIVER DISTRACTED BY #1
driver	183	*	DRIVER DISTRACTED BY #2
driver	184	*	DRIVER DISTRACTED BY #3
driver	185	95	No driver present
driver	186	95	No driver present
driver	187	95	No driver present
driver	188	95	No driver present
driver	189	95	No driver present
driver	204	1	Driver of motor vehicle in transport
driver	315	0	Not applicable - driver or occupant of M
driverless	25	210	Driverless vehicle
driverless	103	0	Unattended vehicle (driverless, or no dr
driveway	13	3	Driveway, alley access, etc.
driveway	25	1	Ride out, residential driveway
driveway	45	3	Driveway, alley access, etc.
driveway	136	70	From driveway, alley access, etc. - turn
driving	49	1	No adverse atmospheric related driving c
driving	165	4	Reckless driving
driving	185	4	Reckless driving
driving	186	4	Reckless driving
driving	187	4	Reckless driving
driving	188	4	Reckless driving
driving	189	4	Reckless driving
driving	329	10	Driving on wrong side of road
driving	330	10	Driving on wrong side of road
driving	331	10	Driving on wrong side of road
driving	332	10	Driving on wrong side of road
driving	333	10	Driving on wrong side of road
drove	25	48	Drive out, intersection (motorist drove
drowsy	227	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	228	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	327	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	328	2	Drowsy, sleepy, fell asleep, fatigued
drug	165	1	Alcohol or drugs
drug	185	2	Drugs
drug	186	2	Drugs
drug	187	2	Drugs
drug	188	2	Drugs
drug	189	2	Drugs
drug	214	*	PAR DRUG INVOLVEMENT
drug	314	*	PAR DRUG INVOLVEMENT
dry	19	1	Dry

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
dry	47	1	Dry
dry	147	1	Dry
ducati	105	71	Ducati
dump	108	40	Cab chassis-based (includes rescue vehic
dump	109	5	Dump
dump	158	40	Cab chassis-based (includes rescue vehic
dune	108	90	ATV (all terrain vehicle including dune/
dune	158	90	ATV (all terrain vehicle including dune/
dusk	22	5	Dusk
dusk	39	5	Dusk
dust	23	8	Other (smog, smoke, blowing sand/dust/sn
dust	49	8	Other (smog, smoke, blowing sand/dust/sn
dust	179	1	Rain, snow, smoke, sand, dust
dust	180	1	Rain, snow, smoke, sand, dust
dust	181	1	Rain, snow, smoke, sand, dust
e150-e350	108	21	Large van (Sportvan, Chevy Van, Club Wag
e150-e350	158	21	Large van (Sportvan, Chevy Van, Club Wag
eagle	105	10	Eagle
eagle	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
eagle	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
eating	182	13	Eating or drinking
eating	183	13	Eating or drinking
eating	184	13	Eating or drinking
eating	329	24	Inattentive (talking, eating, etc.)
eating	330	24	Inattentive (talking, eating, etc.)
eating	331	24	Inattentive (talking, eating, etc.)
eating	332	24	Inattentive (talking, eating, etc.)
eating	333	24	Inattentive (talking, eating, etc.)
econoline	108	21	Large van (Sportvan, Chevy Van, Club Wag
econoline	158	21	Large van (Sportvan, Chevy Van, Club Wag
edge	136	12	Off the edge of the road on the left sid
ejected	208	0	Not ejected
ejected	223	0	Not ejected
ejection	208	*	OCCUPANT EJECTION
ejection	223	*	IMPUT OCCUPANT EJECTION
embankment	10	40	Embankment
embankment	37	40	Embankment
embankment	75	140	Embankment
embankment	133	40	Embankment
embankment	168	40	Embankment
embankment	179	4	Building, billboard, or other design fea
embankment	180	4	Building, billboard, or other design fea
embankment	181	4	Building, billboard, or other design fea
emergency	25	330	Emergency/police vehicle related
emergency	116	*	EMERGENCY USE
enclosed	109	2	Van/enclosed box
encroachment	136	78	Encroachment by other vehicle - details
engine	136	2	Stalled engine
entered	139	7	Entered roadway
entering	25	150	Entering/exiting
entering	135	9	Entering a parked position
entering	161	9	Entering a parked position
entrance	13	4	Entrance/exit ramp
entrance	45	4	Entrance/exit ramp
entrance	136	74	From entrance to limited access highway
entry	329	5	Making improper entry to or exit from tr
entry	330	5	Making improper entry to or exit from tr

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
entry	331	5	Making improper entry to or exit from tr
entry	332	5	Making improper entry to or exit from tr
entry	333	5	Making improper entry to or exit from tr
environment	20	43	Warning sign for environment/traffic (fo
environment	48	43	Warning sign for environment/traffic (fo
environment	169	43	Warning sign for environment/traffic (fo
environment	170	43	Warning sign for environment/traffic (fo
environment	171	43	Warning sign for environment/traffic (fo
environment	172	43	Warning sign for environment/traffic (fo
environment	334	43	Warning sign for environment/traffic (fo
environment	335	43	Warning sign for environment/traffic (fo
equipment	108	92	Farm equipment other than trucks
equipment	112	11	Farm equipment
equipment	158	92	Farm equipment other than trucks
equipment	329	2	Operating without required equipment
equipment	330	2	Operating without required equipment
equipment	331	2	Operating without required equipment
equipment	332	2	Operating without required equipment
equipment	333	2	Operating without required equipment
equipment	336	*	SAFETY EQUIPMENT USED #1
equipment	337	*	SAFETY EQUIPMENT USED #2
erratic	329	3	Improper or erratic lane changing
erratic	330	3	Improper or erratic lane changing
erratic	331	3	Improper or erratic lane changing
erratic	332	3	Improper or erratic lane changing
erratic	333	3	Improper or erratic lane changing
evasive	25	15	Motorist overtaking, counteractive evasi
event	10	*	FIRST HARMFUL EVENT
event	34	4	Yes, first harmful event in work or cons
event	37	*	IMP FIRST HARMFUL EVENT
event	72	*	EVENT SEQUENCE NUMBER
event	81	*	ACTION FOR THIS EVENT
event	133	*	MOST HARMFUL EVENT
event	134	*	MHE EVENT NUMBER
event	135	*	PRIOR TO CRITICAL EVENT
event	136	*	CRITICAL EVENT
event	161	*	IMP PRIOR TO CRIT EVENT
event	168	*	IMP MOST HARMFUL EVENT
event	182	12	Distracted by outside person, object or
event	183	12	Distracted by outside person, object or
event	184	12	Distracted by outside person, object or
excessive	136	6	Traveling too fast for conditions (exces
excluding	108	6	Station wagon (excluding van and truck b
excluding	158	6	Station wagon (excluding van and truck b
exhaust	175	6	Exhaust system
exhaust	176	6	Exhaust system
exhaust	177	6	Exhaust system
exhaust	178	6	Exhaust system
exit	13	4	Entrance/exit ramp
exit	45	4	Entrance/exit ramp
exit	329	5	Making improper entry to or exit from tr
exit	330	5	Making improper entry to or exit from tr
exit	331	5	Making improper entry to or exit from tr
exit	332	5	Making improper entry to or exit from tr
exit	333	5	Making improper entry to or exit from tr
exiting	25	150	Entering/exiting
expedition	108	15	Large utility (Jeep Cherokee 83 and befo

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
expedition	158	15	Large utility (Jeep Cherokee 83 and befo
explorer	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
explorer	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
explosion	10	2	Fire/Explosion
explosion	37	2	Fire/explosion
explosion	75	102	Fire/explosion
explosion	133	2	Fire/explosion
explosion	168	2	Fire/explosion
expressway	25	520	Expressway crossing
exterior	205	53	Riding on vehicle exterior
exterior	225	53	Riding on vehicle exterior
external	179	12	External mirrors
external	180	12	External mirrors
external	181	12	External mirrors
f100-f350	108	31	Large/standard pickup (Jeep Pickup, Coma
f100-f350	158	31	Large/standard pickup (Jeep Pickup, Coma
facility	30	5	Group 1M - applies if the NASS crash doe
facility	78	5	Group 1M - applies if the NASS crash doe
facility	154	5	Group 1M - applies if the NASS crash doe
facility	217	5	Group 1M - applies if the NASS crash doe
facility	317	5	Group 1M - applies if the NASS crash doe
facing	25	19	Cyclist left turn, facing traffic
factor	175	*	VEHICLE CONTRIB FACTOR#1
factor	176	*	VEHICLE CONTRIB FACTOR#2
factor	177	*	VEHICLE CONTRIB FACTOR#3
factor	178	*	VEHICLE CONTRIB FACTOR#4
failing	329	1	Failing to have lights on when required
failing	330	1	Failing to have lights on when required
failing	331	1	Failing to have lights on when required
failing	332	1	Failing to have lights on when required
failing	333	1	Failing to have lights on when required
failure	136	3	Disabling vehicle failure (e.g. wheel fe
failure	165	6	Failure to yield right of way
failure	185	6	Failure to yield right-of-way
failure	186	6	Failure to yield right-of-way
failure	187	6	Failure to yield right-of-way
failure	188	6	Failure to yield right-of-way
failure	189	6	Failure to yield right-of-way
failure	329	4	Failure to keep in proper lane or runnin
failure	330	4	Failure to keep in proper lane or runnin
failure	331	4	Failure to keep in proper lane or runnin
failure	332	4	Failure to keep in proper lane or runnin
failure	333	4	Failure to keep in proper lane or runnin
falling	10	10	Thrown or falling object
falling	25	36	Weird - the motorist or cyclist intentio
falling	37	10	Thrown or falling object
falling	75	110	Thrown or falling object
falling	133	10	Thrown or falling object
falling	168	10	Thrown or falling object
farm	108	92	Farm equipment other than trucks
farm	112	11	Farm equipment
farm	158	92	Farm equipment other than trucks
fast	136	6	Traveling too fast for conditions (exces
fatal	26	4	Fatal
fatal	41	4	Fatal
fatal	149	4	Fatal injury (K)
fatal	163	4	Fatal injury (K)

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
fatal	211	4	Fatal injury (K)
fatal	224	4	Fatal injury (K)
fatal	311	4	Fatal injury (K)
fatal	324	4	Fatal injury (K)
fatigued	227	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	228	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	327	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	328	2	Drowsy, sleepy, fell asleep, fatigued
feature	179	4	Building, billboard, or other design fea
feature	180	4	Building, billboard, or other design fea
feature	181	4	Building, billboard, or other design fea
february	2	2	February
fell	10	6	Noncollision injury (injured in or fell
fell	37	6	Noncollision injury (injured in vehicle,
fell	75	106	Noncollision injury (injured in or fell
fell	133	6	Noncollision injury (injured in or fell
fell	136	3	Disabling vehicle failure (e.g. wheel fe
fell	168	6	Noncollision injury (injured in or fell
fell	182	11	Sleepy or fell asleep
fell	183	11	Sleepy or fell asleep
fell	184	11	Sleepy or fell asleep
fell	227	2	Drowsy, sleepy, fell asleep, fatigued
fell	228	2	Drowsy, sleepy, fell asleep, fatigued
fell	327	2	Drowsy, sleepy, fell asleep, fatigued
fell	328	2	Drowsy, sleepy, fell asleep, fatigued
female	210	2	Female
female	226	2	Female
female	310	2	Female
female	326	2	Female
fence	10	41	Fence
fence	37	41	Fence
fence	75	141	Fence
fence	133	41	Fence
fence	168	41	Fence
fiat	105	36	Fiat
fire	10	2	Fire/Explosion
fire	37	2	Fire/explosion
fire	75	102	Fire/explosion
fire	112	7	Fire truck and car
fire	124	*	FIRE OCCURRENCE
fire	133	2	Fire/explosion
fire	168	2	Fire/explosion
fixed	10	28	Other object not fixed
fixed	37	28	Other object not fixed
fixed	75	128	Other object not fixed
fixed	81	2	Collision with object not fixed
fixed	133	28	Other object not fixed
fixed	168	28	Other object not fixed
fixed-no	37	29	Object not fixed-no details
flagman	20	51	Officer, crossing guard, flagman, etc.
flagman	48	51	Officer, crossing guard, flagman, etc.
flagman	169	51	Officer, crossing guard, flagman, etc.
flagman	170	51	Officer, crossing guard, flagman, etc.
flagman	171	51	Officer, crossing guard, flagman, etc.
flagman	172	51	Officer, crossing guard, flagman, etc.
flagman	334	51	Officer, crossing guard, flagman, etc.
flagman	335	51	Officer, crossing guard, flagman, etc.

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
flashing	20	4	Flashing traffic control signal or flash
flashing	48	4	Flashing traffic control signal or flash
flashing	169	4	Flashing traffic control signal or flash
flashing	170	4	Flashing traffic control signal or flash
flashing	171	4	Flashing traffic control signal or flash
flashing	172	4	Flashing traffic control signal or flash
flashing	334	4	Flashing traffic control signal or flash
flashing	335	4	Flashing traffic control signal or flash
flat	136	1	Blow out or flat tire
flatbed	109	4	Flatbed
flew	136	4	Non-disabling (minor) vehicle problem (e
flow	15	*	TRAFFICWAY FLOW
flow	148	*	TRAFFICWAY FLOW
fog	20	43	Warning sign for environment/traffic (fo
fog	23	5	Fog
fog	48	43	Warning sign for environment/traffic (fo
fog	49	5	Fog
fog	169	43	Warning sign for environment/traffic (fo
fog	170	43	Warning sign for environment/traffic (fo
fog	171	43	Warning sign for environment/traffic (fo
fog	172	43	Warning sign for environment/traffic (fo
fog	179	15	Fog
fog	180	15	Fog
fog	181	15	Fog
fog	334	43	Warning sign for environment/traffic (fo
fog	335	43	Warning sign for environment/traffic (fo
ford	105	12	Ford
ford	108	21	Large van (Sportvan, Chevy Van, Club Wag
ford	158	21	Large van (Sportvan, Chevy Van, Club Wag
foreign	105	69	Other foreign
foreign	108	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
foreign	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
fork	108	97	Other type vehicle (includes go-cart, fo
fork	158	97	Other type vehicle (includes go-cart, fo
freightliner	105	82	Freightliner, White
friday	4	6	Friday
friday	50	6	Friday
front	25	18	Cyclist left turn, in front of traffic
front	74	1	Front
front	76	1	Front
front	125	1	Front
front	126	1	Front
front	127	1	Front
front	128	1	Front
front	129	1	Front
front	130	1	Front
front	160	1	Front
front	205	11	Front seat - left side (driver's side)
front	225	11	Front seat - left side (driver's side)
full-size	108	15	Large utility (Jeep Cherokee 83 and befo
full-size	158	15	Large utility (Jeep Cherokee 83 and befo
function	207	*	AIRBAG AVAIL/FUNCTION
functional	131	2	Moderate (functional from 1988-2003)
fwd	105	83	FWD
garbage	109	8	Garbage/refuse
gas	10	4	Gas inhalation
gas	25	29	Parking lot, open area, or another nonro

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
gas	37	4	Gas inhalation
gas	75	104	Gas inhalation
gas	133	4	Gas inhalation
gas	168	4	Gas inhalation
gate	20	61	Active devices (gates, flashing lights,
gate	48	61	Active devices (gates, flashing lights,
gate	169	61	Active devices at RR crossing (gates, fl
gate	170	61	Active devices at RR crossing (gates, fl
gate	171	61	Active devices at RR crossing (gates, fl
gate	172	61	Active devices at RR crossing (gates, fl
gate	334	61	Active device at RR crossing (gates, fla
gate	335	61	Active devices at RR crossing (gates, fl
general	74	*	GEN AREA DAMAGE-THIS VEH
general	76	*	GEN AREA OF DAM-OTH VEH
general	105	3	AM General
glare	179	2	Reflected glare, bright sunlight, headli
glare	180	2	Reflected glare, bright sunlight, headli
glare	181	2	Reflected glare, bright sunlight, headli
gmc	105	23	GMC
gmc	108	16	Utility station wagon (Chevrolet Suburba
gmc	158	16	Utility station wagon (Chevrolet Suburba
go-cart	108	97	Other type vehicle (includes go-cart, fo
go-cart	158	97	Other type vehicle (includes go-cart, fo
golden	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
golden	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
gore	14	8	Gore
grade	13	5	Rail grade crossing
grade	18	2	Grade
grade	20	41	Warning sign for road conditions (hill,
grade	44	2	Grade
grade	45	5	Rail grade crossing
grade	48	41	Warning sign for road conditions (hill,
grade	145	2	Grade
grade	169	41	Warning sign for road conditions (hill,
grade	170	41	Warning sign for road conditions (hill,
grade	171	41	Warning sign for road conditions (hill,
grade	172	41	Warning sign for road conditions (hill,
grade	334	41	Warning sign for road conditions (hill,
grade	335	41	Warning sign for road conditions (hill,
grader	108	93	Construction equipment other than trucks
grader	158	93	Construction equipment other than trucks
grand	108	16	Utility station wagon (Chevrolet Suburba
grand	158	16	Utility station wagon (Chevrolet Suburba
grate	10	7	Pavement surface irregularity (ruts, pot
grate	37	7	Pavement Surface Irregularity (ruts, pot
grate	75	107	Pavement surface irregularity (ruts, pot
grate	133	7	Pavement surface irregularity (ruts, pot
grate	168	7	Pavement surface irregularity (ruts, pot
ground	10	31	Ground
ground	37	31	Ground
ground	75	131	Ground
ground	133	31	Ground
ground	168	31	Ground
group	30	1	Group 1L - applies if an occupant of a t
group	78	1	Group 1L - applies if an occupant of a t
group	154	1	Group 1L - applies if an occupant of a t
group	217	1	Group 1L - applies if an occupant of a t

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
group	317	1	Group 1L - applies if an occupant of a t
grumman	105	25	Grumman
guard	20	51	Officer, crossing guard, flagman, etc.
guard	48	51	Officer, crossing guard, flagman, etc.
guard	169	51	Officer, crossing guard, flagman, etc.
guard	170	51	Officer, crossing guard, flagman, etc.
guard	171	51	Officer, crossing guard, flagman, etc.
guard	172	51	Officer, crossing guard, flagman, etc.
guard	334	51	Officer, crossing guard, flagman, etc.
guard	335	51	Officer, crossing guard, flagman, etc.
guardrail	10	35	Guardrail
guardrail	37	35	Guardrail
guardrail	75	135	Guardrail
guardrail	123	21	Tripped rollover - by guardrail
guardrail	133	35	Guardrail
guardrail	168	35	Guardrail
hail	23	8	Other (smog, smoke, blowing sand/dust/sn
hail	49	8	Other (smog, smoke, blowing sand/dust/sn
hardtop	108	2	2-door sedan, hardtop, coupe
hardtop	158	2	2-door sedan, hardtop, coupe
harley-davidson	105	72	Harley-Davidson
harmful	10	*	FIRST HARMFUL EVENT
harmful	34	4	Yes, first harmful event in work or cons
harmful	37	*	IMP FIRST HARMFUL EVENT
harmful	133	*	MOST HARMFUL EVENT
harmful	168	*	IMP MOST HARMFUL EVENT
harvester	105	84	International Harvester/Navistar
hatchback	108	3	3-door/2-door hatchback
hatchback	158	3	3-door/2-door hatchback
hazardous	113	*	HAZ MATERIAL PLACARD NO
hazardous	114	*	HAZ MATERIALS PLACARDED
hazardous	115	*	HAZ MATERIALS RELEASE
head	179	13	Head restraints
head	180	13	Head restraints
head	181	13	Head restraints
headlight	175	7	Headlights
headlight	176	7	Headlights
headlight	177	7	Headlights
headlight	178	7	Headlights
headlight	179	2	Reflected glare, bright sunlight, headli
headlight	180	2	Reflected glare, bright sunlight, headli
headlight	181	2	Reflected glare, bright sunlight, headli
head-on	11	2	Head-on
head-on	25	30	Head-on, counteractive evasive actions
head-on	40	2	Head-on
healey	105	33	Austin/Austin Healey
hearse	108	11	Auto-based panel (cargo station wagon, a
hearse	112	10	Hearse
hearse	158	11	Auto-based panel (cargo station wagon, a
heavy	30	2	Group 2 - applies if the NASS crash does
heavy	78	2	Group 2 - applies if the NASS crash does
heavy	108	65	Medium/heavy truck-based motorhome
heavy	154	2	Group 2 - applies if the NASS crash does
heavy	158	65	Medium/heavy truck-based motorhome
heavy	217	2	Group 2 - applies if the NASS crash does
heavy	317	2	Group 2 - applies if the NASS crash does
helmet	206	5	Motorcycle helmet

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
helmet	336	2	Bicycle helmet
helmet	337	2	Bicycle helmet
hi-cube	108	28	Other van type (Hi-Cube, Kary)
hi-cube	158	28	Other van type (Hi-Cube, Kary)
higher	136	53	Traveling in same direction with higher
highway	12	*	INTERSTATE HIGHWAY
highway	15	2	Divided highway (median strip, barrier,
highway	136	74	From entrance to limited access highway
highway	148	2	Divided highway (median strip, barrier)
hill	20	41	Warning sign for road conditions (hill,
hill	48	41	Warning sign for road conditions (hill,
hill	169	41	Warning sign for road conditions (hill,
hill	170	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	179	3	Curve or hill
hill	180	3	Curve or hill
hill	181	3	Curve or hill
hill	334	41	Warning sign for road conditions (hill,
hill	335	41	Warning sign for road conditions (hill,
hillcrest	18	3	Hillcrest
hillcrest	44	3	Hillcrest
hillcrest	145	3	Hillcrest
hit-and-run	104	*	HIT-AND-RUN
hit-and-run	159	*	IMPUTED HIT-AND-RUN
hit-and-run	175	50	Hit-and-run vehicle
hit-and-run	176	50	Hit-and-run vehicle
hit-and-run	177	50	Hit-and-run vehicle
hit-and-run	178	50	Hit-and-run vehicle
hitch	175	15	Trailer hitch
hitch	176	15	Trailer hitch
hitch	177	15	Trailer hitch
hitch	178	15	Trailer hitch
hitchhiking	25	510	Hitchhiking
honda	105	37	Honda
hood	136	4	Non-disabling (minor) vehicle problem (e
hospital	212	*	TAKEN TO HOSP/TREATMENT
hospital	312	*	TAKEN TO HOSP/TREATMENT
hot	25	230	Hot pursuit
hour	5	*	ACCIDENT TIME - HOUR
hour	38	*	IMP ACCIDENT TIME - HOUR
hummer	108	15	Large utility (Jeep Cherokee 83 and befo
hummer	158	15	Large utility (Jeep Cherokee 83 and befo
hydrant	10	43	Fire hydrant
hydrant	37	43	Fire hydrant
hydrant	75	143	Fire hydrant
hydrant	133	43	Fire hydrant
hydrant	168	43	Fire hydrant
hyundai	105	55	Hyundai
ice	19	4	Ice
ice	25	130	Ice cream vendor
ice	47	4	Ice
ice	136	5	Poor road conditions (puddle, pothole, i
ice	147	4	Ice
ice	173	2	Poor road conditions (puddle, ice, potho
ice	174	2	Poor road conditions (puddle, ice, potho
identifier	32	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
identifier	80	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
identifier	117	*	CARRIER'S ID NUMBER
identifier	156	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
identifier	219	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
identifier	319	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
ill	227	1	Ill, blackout
ill	228	1	Ill, blackout
ill	327	1	Ill, blackout
ill	328	1	Ill, blackout
immersion	10	3	Immersion
immersion	37	3	Immersion
immersion	75	103	Immersion
immersion	133	3	Immersion
immersion	168	3	Immersion
impact	10	33	Impact attenuator or crash cushion
impact	37	33	Impact attenuator or crash cushion
impact	74	99	Point of impact unknown
impact	75	133	Impact attenuator or crash cushion
impact	76	99	Point of Impact Unknown
impact	125	*	INITIAL POINT OF IMPACT
impact	133	33	Impact attenuator or crash cushion
impact	141	0	No impact
impact	160	*	IMP INIT POINT OF IMPACT
impact	168	33	Impact attenuator or crash cushion
impaired	227	5	Impaired due to previous injury
impaired	228	5	Impaired due to previous injury
impaired	327	5	Impaired due to previous injury
impaired	328	5	Impaired due to previous injury
impairment	227	*	PHYSICAL IMPAIRMENT #1
impairment	228	*	PHYSICAL IMPAIRMENT #2
impairment	327	*	PHYSICAL IMPAIRMENT #1
impairment	328	*	PHYSICAL IMPAIRMENT #2
imperial	105	8	Imperial
improper	329	3	Improper or erratic lane changing
improper	330	3	Improper or erratic lane changing
improper	331	3	Improper or erratic lane changing
improper	332	3	Improper or erratic lane changing
improper	333	3	Improper or erratic lane changing
improperly	179	14	Broken or improperly cleaned windshield
improperly	180	14	Broken or improperly cleaned windshield
improperly	181	14	Broken or improperly cleaned windshield
imputed	35	*	IMP ALC INVOLVED IN ACC
imputed	36	*	IMP ROADWAY ALIGNMENT
imputed	37	*	IMP FIRST HARMFUL EVENT
imputed	38	*	IMP ACCIDENT TIME - HOUR
imputed	39	*	IMP LIGHT CONDITION
imputed	40	*	IMP MANNER OF COLLISION
imputed	41	*	IMP MAX INJ SEV. IN ACC
imputed	42	*	IMP ACC TIME - MINUTE
imputed	43	*	IMP NUM INJ PER IN ACC
imputed	44	*	IMPUTED ROADWAY PROFILE
imputed	45	*	IMP RELATION TO JUNCTION
imputed	46	*	IMPUTED SPEED LIMIT
imputed	47	*	IMP ROADWAY SURFACE COND
imputed	48	*	IMP TRAFFIC CONTROL DEV
imputed	49	*	IMP ATMOSPHERIC COND
imputed	50	*	IMP ACCIDENT DAY OF WEEK

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
imputed	158	*	IMPUTED BODY TYPE
imputed	159	*	IMPUTED HIT-AND-RUN
imputed	160	*	IMP INIT POINT OF IMPACT
imputed	161	*	IMP PRIOR TO CRIT EVENT
imputed	162	*	IMPUTED MODEL YEAR
imputed	163	*	IMP MAX INJ SEV IN VEH
imputed	164	*	IMP NUM INJURED IN VEH
imputed	165	*	IMP VIOLATIONS CHARGED
imputed	166	*	IMPUTED VEHICLE ROLE
imputed	167	*	IMP ALC INVOLVED IN VEH
imputed	168	*	IMP MOST HARMFUL EVENT
imputed	221	*	IMPUTED OCCUPANT AGE
imputed	222	*	IMP PAR ALC INVOLVEMENT
imputed	223	*	IMPUT OCCUPANT EJECTION
imputed	224	*	IMP OCC INJURY SEVERITY
imputed	225	*	IMP OCC SEATING POSITION
imputed	226	*	IMPUTED OCCUPANT SEX
imputed	321	*	IMPUTED NONMOTORIST AGE
imputed	322	*	IMP PAR ALC INVOLVEMENT
imputed	324	*	IMP NMTR INJURY SEVERITY
imputed	326	*	IMPUTED NONMOTORIST SEX
inadequate	25	920	Inadequate information
inadequate	179	9	Inadequate defrost or defog system
inadequate	180	9	Inadequate defrost or defog system
inadequate	181	9	Inadequate defrost or defog system
inattention	182	92	Distraction or inattention, details unkn
inattention	183	92	Distraction or inattention, details unkn
inattention	184	92	Distraction or inattention, details unkn
inattentive	182	97	Inattentive or lost in thought
inattentive	183	97	Inattentive or lost in thought
inattentive	184	97	Inattentive or lost in thought
inattentive	329	24	Inattentive (talking, eating, etc.)
inattentive	330	24	Inattentive (talking, eating, etc.)
inattentive	331	24	Inattentive (talking, eating, etc.)
inattentive	332	24	Inattentive (talking, eating, etc.)
inattentive	333	24	Inattentive (talking, eating, etc.)
incapacitating	26	3	Incapacitating
incapacitating	41	3	Incapacitating
incapacitating	149	3	Incapacitating injury (A)
incapacitating	163	3	Incapacitating injury (A)
incapacitating	211	3	Incapacitating injury (A)
incapacitating	224	3	Incapacitating injury (A)
incapacitating	311	3	Incapacitating injury (A)
incapacitating	324	3	Incapacitating injury (A)
indicates	25	36	Weird - the motorist or cyclist intentio
infiniti	105	58	Infiniti
information	25	920	Inadequate information
information	34	9	Unknown or no work or construction zone
information	165	50	Hit & run (and no information)
information	173	50	Hit & run (and no information)
information	174	50	Hit & run (and no information)
information	179	50	Hit & run vehicle (and no information)
information	180	50	Hit & run vehicle (and no information)
information	181	50	Hit & run vehicle (and no information)
information	185	50	Hit & run (and no information)
information	186	50	Hit & run (and no information)
information	187	50	Hit & run (and no information)

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
information	188	50	Hit & run (and no information)
information	189	50	Hit & run (and no information)
inhalation	10	4	Gas inhalation
inhalation	37	4	Gas inhalation
inhalation	75	104	Gas inhalation
inhalation	133	4	Gas inhalation
inhalation	168	4	Gas inhalation
initial	125	*	INITIAL POINT OF IMPACT
initiation	160	*	IMP INIT POINT OF IMPACT
injured	10	6	Noncollision injury (injured in or fell
injured	26	9	Unknown if injured
injured	27	0	No person injured/property damage only c
injured	30	5	Group 1M - applies if the NASS crash doe
injured	37	6	Noncollision injury (injured in vehicle,
injured	41	5	Injured, unknown severity
injured	43	0	No person injured/property damage only c
injured	75	106	Noncollision injury (injured in or fell
injured	78	5	Group 1M - applies if the NASS crash doe
injured	133	6	Noncollision injury (injured in or fell
injured	149	5	Injured severity unknown
injured	150	*	NUMBER INJURED IN VEH
injured	154	5	Group 1M - applies if the NASS crash doe
injured	163	5	Injured severity unknown
injured	164	*	IMP NUM INJURED IN VEH
injured	168	6	Noncollision injury (injured in or fell
injured	211	5	Injured, severity unknown (U)
injured	217	5	Group 1M - applies if the NASS crash doe
injured	224	5	Injured, severity unknown (U)
injured	311	5	Injured, severity unknown (U)
injured	317	5	Group 1M - applies if the NASS crash doe
injured	324	5	Injured, severity unknown (U)
injury	10	6	Noncollision injury (injured in or fell
injury	26	*	MAX INJ SEVERITY IN ACC
injury	27	*	NUM INJ PERSONS IN ACC
injury	30	4	Group 4 - applies if the crash does not
injury	37	6	Noncollision injury (injured in vehicle,
injury	41	*	IMP MAX INJ SEV. IN ACC
injury	43	*	IMP NUM INJ PER IN ACC
injury	75	106	Noncollision injury (injured in or fell
injury	78	4	Group 4 - applies if the crash does not
injury	133	6	Noncollision injury (injured in or fell
injury	149	*	MAX INJ SEVERITY IN VEH
injury	154	4	Group 4 - applies if the crash does not
injury	163	*	IMP MAX INJ SEV IN VEH
injury	168	6	Noncollision injury (injured in or fell
injury	211	*	OCC INJURY SEVERITY
injury	217	4	Group 4 - applies if the crash does not
injury	224	*	IMP OCC INJURY SEVERITY
injury	227	5	Impaired due to previous injury
injury	228	5	Impaired due to previous injury
injury	311	*	NMTR INJURY SEVERITY
injury	317	4	Group 4 - applies if the crash does not
injury	324	*	IMP NMTR INJURY SEVERITY
injury	327	5	Impaired due to previous injury
injury	328	5	Impaired due to previous injury
integral	182	9	While using other device/controls integr
integral	183	9	While using other device/controls integr

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
integral	184	9	While using other device/controls integr
intended	136	68	From crossing street, intended path unkn
intentionally	25	36	Weird - the motorist or cyclist intentio
interchange	13	18	Other location in interchange
interchange	45	18	Other location in interchange
intercity	108	58	Other bus type (transit, intercity, bus-
intercity	158	58	Other bus type (transit, intercity, bus-
interior	179	11	Obstruction interior to the vehicle
interior	180	11	Obstruction interior to the vehicle
interior	181	11	Obstruction interior to the vehicle
international	105	84	International Harvester/Navistar
intersection	13	1	Intersection
intersection	25	25	Uncontrolled intersection, other
intersection	45	1	Intersection
intersection	136	15	Turning left at intersection
intersection	315	1	Intersection - in crosswalk
intersection	329	22	Improper crossing of roadway or intersec
intersection	330	22	Improper crossing of roadway or intersec
intersection	331	22	Improper crossing of roadway or intersec
intersection	332	22	Improper crossing of roadway or intersec
intersection	333	22	Improper crossing of roadway or intersec
interstate	12	*	INTERSTATE HIGHWAY
in-transport	81	4	Strike another in-transport motor vehicl
invloed	167	8	No applicable person invloed in the cras
involve	25	36	Weird - the motorist or cyclist intentio
involved	7	*	NUM VEH INVOLVED IN ACC
involved	8	*	NUM NMTR INVOLVED IN ACC
involved	25	0	No pedestrian/cyclist involved
involved	26	8	No person involved in the crash
involved	27	98	No person involved in the crash
involved	28	*	ALCOHOL INVOLVED IN ACC
involved	30	3	Group 3 - applies if the NASS crash does
involved	35	*	IMP ALC INVOLVED IN ACC
involved	41	8	No person involved in the crash
involved	78	3	Group 3 - applies if the NASS crash does
involved	103	0	Unattended vehicle (driverless, or no dr
involved	118	*	NUM OCC INVOLVED IN VEH
involved	149	8	No person involved in the crash
involved	150	98	No person involved in the crash
involved	151	1	Alcohol involved
involved	154	3	Group 3 - applies if the NASS crash does
involved	163	8	No person involved in the crash
involved	164	98	No person involved in the crash
involved	167	*	IMP ALC INVOLVED IN VEH
involved	213	1	Alcohol not involved
involved	214	1	Drugs not involved
involved	217	3	Group 3 - applies if the NASS crash does
involved	222	1	Alcohol not involved
involved	313	1	Alcohol not involved
involved	314	1	Drugs not involved
involved	317	3	Group 3 - applies if the NASS crash does
involved	322	1	Alcohol not involved
involves	25	11	The crash involves a motor vehicle which
involves	30	1	Group 1L - applies if an occupant of a t
involves	78	1	Group 1L - applies if an occupant of a t
involves	154	1	Group 1L - applies if an occupant of a t
involves	217	1	Group 1L - applies if an occupant of a t

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
involves	317	1	Group 1L - applies if an occupant of a t
irregularity	10	7	Pavement surface irregularity (ruts, pot
irregularity	37	7	Pavement Surface Irregularity (ruts, pot
irregularity	75	107	Pavement surface irregularity (ruts, pot
irregularity	133	7	Pavement surface irregularity (ruts, pot
irregularity	168	7	Pavement surface irregularity (ruts, pot
isuzu	105	38	Isuzu
iveco	105	88	Iveco/Magirus
jackknife	10	5	Jackknife
jackknife	37	5	Jackknife
jackknife	75	105	Jackknife
jackknife	122	0	No jackknife noted on PAR
jackknife	133	5	Jackknife
jackknife	168	5	Jackknife
jacknife	122	*	JACKNIFE
jaguar	105	39	Jaguar
january	2	1	January
jaywalking	329	22	Improper crossing of roadway or intersec
jaywalking	330	22	Improper crossing of roadway or intersec
jaywalking	331	22	Improper crossing of roadway or intersec
jaywalking	332	22	Improper crossing of roadway or intersec
jaywalking	333	22	Improper crossing of roadway or intersec
jeep	105	2	Jeep (includes Kaiser-Jeep)
jeep	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
jeep	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
jimmy	108	15	Large utility (Jeep Cherokee 83 and befo
jimmy	158	15	Large utility (Jeep Cherokee 83 and befo
jogging	329	25	Jogging
jogging	330	25	Jogging
jogging	331	25	Jogging
jogging	332	25	Jogging
jogging	333	25	Jogging
joint	175	3	Steering system - tie rod, kingpin, ball
joint	176	3	Steering system - tie rod, kingpin, ball
joint	177	3	Steering system - tie rod, kingpin, ball
joint	178	3	Steering system - tie rod, kingpin, ball
july	2	7	July
junction	13	*	RELATION TO JUNCTION
junction	45	*	IMP RELATION TO JUNCTION
june	2	6	June
jurisdiction	29	*	POLICE JURISDICTION
jurisdiction	77	*	POLICE JURISDICTION
jurisdiction	153	*	POLICE JURISDICTION
jurisdiction	216	*	POLICE JURISDICTION
jurisdiction	316	*	POLICE JURISDICTION
k10-k35	108	31	Large/standard pickup (Jeep Pickup, Coma
k10-k35	158	31	Large/standard pickup (Jeep Pickup, Coma
kaiser-jeep	105	2	Jeep (includes Kaiser-Jeep)
kary	108	28	Other van type (Hi-Cube, Kary)
kary	158	28	Other van type (Hi-Cube, Kary)
kawasaki	105	73	Kawasaki
kenworth	105	85	Kenworth
kg	108	22	Step van or walk-in van (<=4,536 kg GVWR
kg	158	22	Step van or walk-in van (< 4,536 kg GVWR
kia	105	63	KIA
killed	30	1	Group 1L - applies if an occupant of a t
killed	78	1	Group 1L - applies if an occupant of a t

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
killed	154	1	Group 1L - applies if an occupant of a t
killed	217	1	Group 1L - applies if an occupant of a t
killed	317	1	Group 1L - applies if an occupant of a t
kingpin	175	3	Steering system - tie rod, kingpin, ball
kingpin	176	3	Steering system - tie rod, kingpin, ball
kingpin	177	3	Steering system - tie rod, kingpin, ball
kingpin	178	3	Steering system - tie rod, kingpin, ball
knowing	25	98	Parallel path 7 - No way of knowing whic
lancia	105	40	Lancia
land	9	*	LAND USE
land	105	62	Land Rover
land	108	15	Large utility (Jeep Cherokee 83 and befo
land	158	15	Large utility (Jeep Cherokee 83 and befo
lane	14	7	In parking lane
lane	15	0	Not physically divided (center 2-way lef
lane	16	*	NUMBER OF TRAVEL LANES
lane	135	2	Decelerating in traffic lane
lane	136	10	Over the lane line on left side of trave
lane	139	1	Stayed in original travel lane
lane	144	*	NUMBER OF TRAVEL LANES
lane	148	0	Not physically divided (center two way 1
lane	161	2	Decelerating in traffic lane
lane	329	3	Improper or erratic lane changing
lane	330	3	Improper or erratic lane changing
lane	331	3	Improper or erratic lane changing
lane	332	3	Improper or erratic lane changing
lane	333	3	Improper or erratic lane changing
lap	206	1	Lap/shoulder belt
laredo	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
laredo	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
laterally	138	3	Skidding laterally - clockwise rotation
least	30	2	Group 2 - applies if the NASS crash does
least	78	2	Group 2 - applies if the NASS crash does
least	154	2	Group 2 - applies if the NASS crash does
least	217	2	Group 2 - applies if the NASS crash does
least	317	2	Group 2 - applies if the NASS crash does
leave	104	0	No, did not leave scene
leave	159	0	No, did not leave scene
leaving	132	*	MANNER OF LEAVING SCENE
leaving	135	8	Leaving a parked position
leaving	161	8	Leaving a parked position
left	14	9	Continuous left turn lane
left	15	0	Not physically divided (center 2-way lef
left	25	18	Cyclist left turn, in front of traffic
left	74	3	Left side
left	76	3	Left side
left	103	2	Hit and run (vehicle and/or driver left
left	104	1	Yes, driver or car and driver left scene
left	125	3	Left side
left	126	3	Left side
left	127	3	Left side
left	128	3	Left side
left	129	3	Left side
left	130	3	Left side
left	135	11	Turning left
left	136	10	Over the lane line on left side of trave
left	137	6	Steering to left

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	139	2	Stayed on roadway, but left original tra
left	148	0	Not physically divided (center two way l
left	159	1	Yes, driver or car and driver left scene
left	160	3	Left side
left	161	11	Turning left
left	205	11	Front seat - left side (driver's side)
left	225	11	Front seat - left side (driver's side)
level	18	1	Level
level	44	1	Level
level	145	1	Level
lexus	105	59	Lexus
license	165	5	Driving with a suspended or revoked lice
license	185	5	Driving with a suspended or revoked lice
license	186	5	Driving with a suspended or revoked lice
license	187	5	Driving with a suspended or revoked lice
license	188	5	Driving with a suspended or revoked lice
license	189	5	Driving with a suspended or revoked lice
lift	108	97	Other type vehicle (includes go-cart, fo
lift	158	97	Other type vehicle (includes go-cart, fo
light	20	61	Active devices (gates, flashing lights,
light	22	*	LIGHT CONDITION
light	39	*	IMP LIGHT CONDITION
light	48	61	Active devices (gates, flashing lights,
light	108	39	Unknown (pickup style) light conventiona
light	158	39	Unknown (pickup style) light conventiona
light	169	61	Active devices at RR crossing (gates, fl
light	170	61	Active devices at RR crossing (gates, fl
light	171	61	Active devices at RR crossing (gates, fl
light	172	61	Active devices at RR crossing (gates, fl
light	175	8	Signal lights
light	176	8	Signal lights
light	177	8	Signal lights
light	178	8	Signal lights
light	329	1	Failing to have lights on when required
light	330	1	Failing to have lights on when required
light	331	1	Failing to have lights on when required
light	332	1	Failing to have lights on when required
light	333	1	Failing to have lights on when required
light	334	61	Active device at RR crossing (gates, fla
light	335	61	Active devices at RR crossing (gates, fl
lighted	22	3	Dark but lighted
lighted	39	3	Dark, but lighted
lighting	179	10	Inadequate lighting system
lighting	180	10	Inadequate lighting system
lighting	181	10	Inadequate lighting system
limit	21	*	SPEED LIMIT
limit	46	*	IMPUTED SPEED LIMIT
limit	146	*	SPEED LIMIT
limited	136	74	From entrance to limited access highway
limousine	108	12	Large limousine (more than four side doo
limousine	158	12	Large limousine (more than four side doo
lincoln	105	13	Lincoln
line	136	10	Over the lane line on left side of trave
listed	105	78	Moped (other than above listed manufactu
listening	182	5	While talking or listening to cellular p
listening	183	5	While talking or listening to cellular p
listening	184	5	While talking or listening to cellular p

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
load	179	6	Moving vehicle (including load)
load	180	6	Moving vehicle (including load)
load	181	6	Moving vehicle (including load)
longitudinal	10	36	Concrete traffic barrier or other longit
longitudinal	37	36	Concrete traffic barrier or other longit
longitudinal	75	136	Concrete traffic barrier or other longit
longitudinal	133	36	Concrete traffic barrier or other longit
longitudinal	168	36	Concrete traffic barrier or other longit
longitudinally	138	2	Skidding longitudinally - rotation less
looked	182	1	Looked but did not see
looked	183	1	Looked but did not see
looked	184	1	Looked but did not see
lot	21	0	No statutory limit (parking lot, alley,
lot	25	29	Parking lot, open area, or another nonro
lot	46	0	No statutory limit (parking lot, alley,
lot	146	0	No statutory limit (parking lot, alley,
lower	136	51	Traveling in same direction with lower s
luv	108	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
luv	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
lying	329	29	Playing, working, sitting, lying, standi
lying	330	29	Playing, working, sitting, lying, standi
lying	331	29	Playing, working, sitting, lying, standi
lying	332	29	Playing, working, sitting, lying, standi
lying	333	29	Playing, working, sitting, lying, standi
mack	105	86	Mack
macpherson	175	4	Suspension-springs, shock absorbers, mac
macpherson	176	4	Suspension-springs, shock absorbers, mac
macpherson	177	4	Suspension-springs, shock absorbers, mac
macpherson	178	4	Suspension-springs, shock absorbers, mac
magirus	105	88	Iveco/Magirus
mailbox	25	140	Mailbox related
make	105	*	MAKE
make	106	*	MAKE/MODEL
male	210	1	Male
male	226	1	Male
male	310	1	Male
male	326	1	Male
maneuver	135	17	Successful corrective action/avoidance m
maneuver	137	1	No avoidance maneuver
maneuver	173	*	DRVR MANEUVER TO AVOID#1
maneuver	174	*	DRVR MANEUVER TO AVOID#2
maneuvered	173	99	Unknown if driver maneuvered to avoid
maneuvered	174	99	Unknown if driver maneuvered to avoid
manner	11	*	MANNER OF COLLISION
manner	40	*	IMP MANNER OF COLLISION
manner	132	*	MANNER OF LEAVING SCENE
manner	329	6	Operating the vehicle in other erratic,
manner	330	6	Operating the vehicle in erratic, reckle
manner	331	6	Operating the vehicle in erratic, reckle
manner	332	6	Operating the vehicle in erratic, reckle
manner	333	6	Operating the vehicle in erratic, reckle
manufacturer	105	99	Unknown make/manufacturer
manufacturers	105	78	Moped (other than above listed manufactu
march	2	3	March
material	113	*	HAZ MATERIAL PLACARD NO
material	114	*	HAZ MATERIALS PLACARDED
material	115	*	HAZ MATERIALS RELEASE

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
maximum	26	*	MAX INJ SEVERITY IN ACC
maximum	41	*	IMP MAX INJ SEV. IN ACC
maximum	149	*	MAX INJ SEVERITY IN VEH
maximum	163	*	IMP MAX INJ SEV IN VEH
may	2	5	May
mazda	105	41	Mazda
mazda	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
mazda	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
mechanism	123	29	Tripped rollover - unknown mechanism
median	14	3	On median
median	15	2	Divided highway (median strip, barrier,
median	148	2	Divided highway (median strip, barrier)
medical	30	5	Group 1M - applies if the NASS crash doe
medical	78	5	Group 1M - applies if the NASS crash doe
medical	154	5	Group 1M - applies if the NASS crash doe
medical	217	5	Group 1M - applies if the NASS crash doe
medical	317	5	Group 1M - applies if the NASS crash doe
medium	30	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	154	2	Group 2 - applies if the NASS crash does
medium	158	65	Medium/heavy truck-based motorhome
medium	217	2	Group 2 - applies if the NASS crash does
medium	317	2	Group 2 - applies if the NASS crash does
mercedes	105	42	Mercedes Benz
mercury	105	14	Mercury
merge	25	720	Vehicle turn/merge
merging	135	16	Merging
merging	161	16	Merging
merkur	105	56	Merkur
mg	105	43	MG
mhe	134	*	MHE EVENT NUMBER
midblock	25	4	Ride out, midblock
middle	205	12	Front seat - middle
middle	225	12	Front seat - middle
midnight	5	24	12:00 Midnight
midnight	38	24	12:00 Midnight
midwest	32	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD,
midwest	80	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD,
midwest	156	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD,
midwest	219	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD,
midwest	319	2	Midwest (OH, IN, IL, MI, WI, MN, ND, SD,
military	112	4	Military
mini	105	65	Mini
minibike	108	88	Other motored cycle type (minibike, moto
minibike	158	88	Other motored cycle type (minibike, moto
mini-ram	108	20	Minivan (Chrysler Town & Country, Astro,
minivan	158	20	Minivan (Chrysler Town & Country, Astro,
minivan	108	20	Minivan (Chrysler Town & Country, Astro,
minivan	158	20	Minivan (Chrysler Town & Country, Astro,
minor	131	1	Minor (and not towed due to damage)
minor	136	4	Non-disabling (minor) vehicle problem (e
minute	6	*	ACCIDENT TIME - MINUTE
minute	42	*	IMP ACC TIME - MINUTE
mirror	175	12	Mirrors
mirror	176	12	Mirrors
mirror	177	12	Mirrors

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
mirror	178	12	Mirrors
mirror	179	12	External mirrors
mirror	180	12	External mirrors
mirror	181	12	External mirrors
misjudges	25	16	Motorist overtaking, misjudges passing s
mitsubishi	105	52	Mitsubishi
mitsubishi	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
mitsubishi	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
mixer	109	6	Concrete mixer
model	106	*	MAKE/MODEL
model	107	*	MODEL YEAR
model	162	*	IMPUTED MODEL YEAR
moderate	131	2	Moderate (functional from 1988-2003)
monday	4	2	Monday
monday	50	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	105	78	Moped (other than above listed manufactu
moped	108	81	Moped (motorized bicycle)
moped	158	81	Moped (motorized bicycle)
moto-guzzi	105	74	Moto-Guzzi
motor	10	25	Motor vehicle in transport
motor	11	0	Not collision with motor vehicle in tran
motor	25	11	The crash involves a motor vehicle which
motor	37	25	Motor vehicle in transport
motor	40	0	Not collision with motor vehicle in tran
motor	75	125	Motor vehicle in transport
motor	76	98	Not a motor vehicle in transport
motor	81	4	Strike another in-transport motor vehicl
motor	105	1	American Motors
motor	133	25	Motor vehicle in transport
motor	136	59	Unknown travel direction of the other mo
motor	168	25	Motor vehicle in transport
motor	204	1	Driver of motor vehicle in transport
motor	304	3	Occupant of a motor vehicle not in trans
motorcycle	105	79	Other motorcycle
motorcycle	108	80	Motorcycle
motorcycle	158	80	Motorcycle
motorcycle	206	5	Motorcycle helmet
motored	108	88	Other motored cycle type (minibike, moto
motored	158	88	Other motored cycle type (minibike, moto
motorhome	108	23	Van-based motorhome
motorhome	158	23	Van-based motorhome
motorist	25	13	Motorist overtakes undetected cyclist
motorized	108	81	Moped (motorized bicycle)
motorized	158	81	Moped (motorized bicycle)
motorscooter	108	88	Other motored cycle type (minibike, moto
motorscooter	158	88	Other motored cycle type (minibike, moto
moving	179	6	Moving vehicle (including load)
moving	180	6	Moving vehicle (including load)
moving	181	6	Moving vehicle (including load)
moving	182	4	By moving object in vehicle
moving	183	4	By moving object in vehicle
moving	184	4	By moving object in vehicle
moving-vehicle	10	26	Parked motor vehicle (or other mv not in
moving-vehicle	37	26	Parked motor vehicle (or other MV not in
moving-vehicle	75	126	Parked motor vehicle (or other MV not in
moving-vehicle	133	26	Parked motor vehicle (or other mv not in

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
moving-vehicle	168	26	Parked motor vehicle (or other mv not in
moving-vehicle	315	0	Not applicable - driver or occupant of M
multiple	25	7	Multiple threat
nass	30	2	Group 2 - applies if the NASS crash does
nass	78	2	Group 2 - applies if the NASS crash does
nass	154	2	Group 2 - applies if the NASS crash does
nass	217	2	Group 2 - applies if the NASS crash does
nass	317	2	Group 2 - applies if the NASS crash does
navigator	108	15	Large utility (Jeep Cherokee 83 and befo
navigator	158	15	Large utility (Jeep Cherokee 83 and befo
navistar	105	84	International Harvester/Navistar
negligent	329	6	Operating the vehicle in other erratic,
negligent	330	6	Operating the vehicle in erratic, reckle
negligent	331	6	Operating the vehicle in erratic, reckle
negligent	332	6	Operating the vehicle in erratic, reckle
negligent	333	6	Operating the vehicle in erratic, reckle
negotiating	135	14	Negotiating a curve
negotiating	161	14	Negotiating a curve
nissan	105	35	Nissan/Datsun
nissan	108	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
nissan	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
noncollision	10	6	Noncollision injury (injured in or fell
noncollision	37	6	Noncollision injury (injured in vehicle,
noncollision	74	0	Noncollision
noncollision	75	106	Noncollision injury (injured in or fell
noncollision	76	0	Noncollision
noncollision	81	1	Noncollision
noncollision	125	0	No damage or noncollision
noncollision	133	6	Noncollision injury (injured in or fell
noncollision	140	0	Noncollision
noncollision	160	0	No damage/noncollision
noncollision	166	0	Noncollision
noncollision	168	6	Noncollision injury (injured in or fell
non-deployed	207	2	Non-deployed
non-disabling	136	4	Non-disabling (minor) vehicle problem (e
nonincapacitating	26	2	Nonincapacitating
nonincapacitating	41	2	Nonincapacitating
nonincapacitating	149	2	Nonincapacitating injury (B)
nonincapacitating	163	2	Nonincapacitating injury (B)
nonincapacitating	211	2	Nonincapacitating injury (B)
nonincapacitating	224	2	Nonincapacitating injury (B)
nonincapacitating	311	2	Nonincapacitating injury (B)
nonincapacitating	324	2	Nonincapacitating injury (B)
non-interchange	13	8	Other, non-interchange
non-interchange	45	8	Other, non-interchange
nonintersection	315	11	Nonintersection - in crosswalk
non-junction	13	0	Non-junction
non-junction	45	0	Non-junction
nonmotor	304	4	Occupant of a nonmotor vehicle transport
nonmotorist	8	*	NUM NMTR INVOLVED IN ACC
nonmotorist	10	27	Other type nonmotorist
nonmotorist	25	9999	First qualifying nonmotorist involved is
nonmotorist	37	27	Other type nonmotorist
nonmotorist	75	127	Other type nonmotorist
nonmotorist	133	27	Other type nonmotorist
nonmotorist	136	83	Pedalcyclist/other nonmotorist in roadwa
nonmotorist	168	27	Other type nonmotorist

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonmotorist	173	5	Pedestrian, pedalcyclist or other nonmot
nonmotorist	174	5	Pedestrian, pedalcyclist or other nonmot
nonmotorist	205	0	Nonmotorist
nonmotorist	225	0	Nonmotorist
nonmotorist	302	*	VEH STRIKING NUMBER NMTR
nonmotorist	303	*	NONMOTORIST NUMBER
nonmotorist	304	*	NONMOTORIST TYPE
nonmotorist	309	*	NONMOTORIST AGE
nonmotorist	310	*	NONMOTORIST SEX
nonmotorist	311	*	NMTR INJURY SEVERITY
nonmotorist	315	*	NMTR LOCATION
nonmotorist	321	*	IMPUTED NONMOTORIST AGE
nonmotorist	324	*	IMP NMTR INJURY SEVERITY
nonmotorist	326	*	IMPUTED NONMOTORIST SEX
nonmotorist	329	*	NONMOTORIST ACTION #1
nonmotorist	330	*	NONMOTORIST ACTION #2
nonmotorist	331	*	NONMOTORIST ACTION #3
nonmotorist	332	*	NONMOTORIST ACTION #4
nonmotorist	333	*	NONMOTORIST ACTION #5
nonmotorists	8	0	0 nonmotorists involved
non-occupant	304	8	Other or unknown non-occupant
nonroadway	25	29	Parking lot, open area, or another nonro
northeast	32	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	80	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	156	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	219	1	Northeast (PA, NJ, NY, NH, VT, RI, MA, M
northeast	319	1	Northeast(PA, NJ, NY, NH, VT, RI, MA,
norton	105	75	Norton
noted	122	0	No jackknife noted on PAR
noted	124	0	No fire noted on PAR
november	2	11	November
number	1	*	CASE NUMBER
number	7	*	NUM VEH INVOLVED IN ACC
number	8	*	NUM NMTR INVOLVED IN ACC
number	16	*	NUMBER OF TRAVEL LANES
number	27	*	NUM INJ PERSONS IN ACC
number	31	*	PSU NUMBER
number	43	*	IMP NUM INJ PER IN ACC
number	71	*	CASE NUMBER
number	72	*	EVENT SEQUENCE NUMBER
number	73	*	VEHICLE NUMBER
number	79	*	PSU NUMBER
number	101	*	CASE NUMBER
number	102	*	VEHICLE NUMBER
number	108	7	Hatchback, number of doors unknown
number	117	*	CARRIER'S ID NUMBER
number	118	*	NUM OCC INVOLVED IN VEH
number	119	*	NUMBER OF OCCUPANTS
number	121	5	Yes, number of trailing units unknown
number	134	*	MHE EVENT NUMBER
number	144	*	NUMBER OF TRAVEL LANES
number	150	*	NUMBER INJURED IN VEH
number	155	*	PSU NUMBER
number	158	7	Hatchback, number of doors unknown
number	164	*	IMP NUM INJURED IN VEH
number	201	*	CASE NUMBER
number	202	*	VEHICLE NUMBER

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
number	203	*	OCCUPANT NUMBER
number	218	*	PSU NUMBER
number	301	*	CASE NUMBER
number	302	*	VEH STRIKING NUMBER NMTR
number	303	*	NONMOTORIST NUMBER
number	318	*	PSU NUMBER
obey	329	8	Failure to obey traffic signs, traffic c
obey	330	8	Failure to obey traffic signs, traffic c
obey	331	8	Failure to obey traffic signs, traffic c
obey	332	8	Failure to obey traffic signs, traffic c
obey	333	8	Failure to obey traffic signs, traffic c
object	10	10	Thrown or falling object
object	37	10	Thrown or falling object
object	75	*	VEH #-OTH VEH/OBJ CONTAC
object	81	2	Collision with object not fixed
object	133	10	Thrown or falling object
object	136	90	Object in roadway
object	168	10	Thrown or falling object
object	173	1	Object in road
object	174	1	Object in road
object	182	4	By moving object in vehicle
object	183	4	By moving object in vehicle
object	184	4	By moving object in vehicle
obscured	179	*	VISION OBSCURED BY #1
obscured	180	*	VISION OBSCURED BY #2
obscured	181	*	VISION OBSCURED BY #3
obstructed	25	17	Motorist overtaking cyclist, path obstru
obstructed	179	99	Unknown whether vision was obstructed
obstructed	180	99	Unknown whether vision was obstructed
obstructed	181	99	Unknown whether vision was obstructed
obstruction	179	0	No obstruction
obstruction	180	0	No obstruction
obstruction	181	0	No obstruction
occupant	30	1	Group 1L - applies if an occupant of a t
occupant	78	1	Group 1L - applies if an occupant of a t
occupant	118	*	NUM OCC INVOLVED IN VEH
occupant	119	*	NUMBER OF OCCUPANTS
occupant	154	1	Group 1L - applies if an occupant of a t
occupant	182	3	By other occupant(s)
occupant	183	3	By other occupant(s)
occupant	184	3	By other occupant(s)
occupant	203	*	OCCUPANT NUMBER
occupant	204	*	OCCUPANT TYPE
occupant	205	*	OCC SEATING POSITION
occupant	206	*	OCC RESTRAINT SYSTEM USE
occupant	208	*	OCCUPANT EJECTION
occupant	209	*	OCCUPANT AGE
occupant	210	*	OCCUPANT SEX
occupant	211	*	OCC INJURY SEVERITY
occupant	217	1	Group 1L - applies if an occupant of a t
occupant	221	*	IMPUTED OCCUPANT AGE
occupant	223	*	IMPUT OCCUPANT EJECTION
occupant	224	*	IMP OCC INJURY SEVERITY
occupant	225	*	IMP OCC SEATING POSITION
occupant	226	*	IMPUTED OCCUPANT SEX
occupant	302	0	Not applicable, occupant of vehicle
occupant	304	3	Occupant of a motor vehicle not in trans

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
occupant	315	0	Not applicable - driver or occupant of M
occupant	317	1	Group 1L - applies if an occupant of a t
occurred	122	1	Jackknife occurred
occurred	124	1	Fire occurred in vehicle
occurrence	124	*	FIRE OCCURRENCE
occurs	25	36	Weird - the motorist or cyclist intentio
october	2	10	October
officer	20	51	Officer, crossing guard, flagman, etc.
officer	25	36	Weird - the motorist or cyclist intentio
officer	48	51	Officer, crossing guard, flagman, etc.
officer	169	51	Officer, crossing guard, flagman, etc.
officer	170	51	Officer, crossing guard, flagman, etc.
officer	171	51	Officer, crossing guard, flagman, etc.
officer	172	51	Officer, crossing guard, flagman, etc.
officer	329	8	Failure to obey traffic signs, traffic c
officer	330	8	Failure to obey traffic signs, traffic c
officer	331	8	Failure to obey traffic signs, traffic c
officer	332	8	Failure to obey traffic signs, traffic c
officer	333	8	Failure to obey traffic signs, traffic c
officer	334	51	Officer, crossing guard, flagman, etc.
officer	335	51	Officer, crossing guard, flagman, etc.
oil	19	5	Sand, dirt, oil
oil	47	5	Sand, dirt, oil
oil	147	5	Sand, dirt, oil
old	209	0	Less than one year old
old	221	0	Less than one year old
old	309	0	Less than one year old
old	321	0	Less than one year old
oldsmobile	105	21	Oldsmobile
operated	103	1	Driver operated vehicle
operating	329	2	Operating without required equipment
operating	330	2	Operating without required equipment
operating	331	2	Operating without required equipment
operating	332	2	Operating without required equipment
operating	333	2	Operating without required equipment
opposite	11	6	Sideswipe, opposite direction
opposite	40	6	Sideswipe, opposite direction
opposite	136	54	Traveling in opposite direction
original	139	1	Stayed in original travel lane
outside	14	5	Outside trafficway
outside	182	12	Distracted by outside person, object or
outside	183	12	Distracted by outside person, object or
outside	184	12	Distracted by outside person, object or
overtakes	25	13	Motorist overtakes undetected cyclist
overtaking	25	15	Motorist overtaking, counteractive evasi
overtaking	135	6	Passing or overtaking another vehicle
overtaking	161	6	Passing or overtaking another vehicle
overturn	10	1	Rollover/Overturn
overturn	37	1	Rollover/overturn
overturn	75	101	Rollover/overturn
overturn	133	1	Rollover/overturn
overturn	168	1	Rollover/overturn
panel	108	11	Auto-based panel (cargo station wagon, a
panel	158	11	Auto-based panel (cargo station wagon, a
par	122	0	No jackknife noted on PAR
par	124	0	No fire noted on PAR
par	179	93	Not on police accident reports (PAR)

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
par	180	93	Not on police accident reports (PAR)
par	181	93	Not on police accident report (PAR)
par	182	93	Not on police accident report (PAR)
par	183	93	Not on police accident report (PAR)
par	184	93	Not on police accident report (PAR)
par	208	5	Not on police accident report (PAR)
par	213	*	PAR ALCOHOL INVOLVEMENT
par	214	*	PAR DRUG INVOLVEMENT
par	222	*	IMP PAR ALC INVOLVEMENT
par	223	5	Not on police accident report (PAR)
par	313	*	PAR ALCOHOL INVOLVEMENT
par	314	*	PAR DRUG INVOLVEMENT
par	322	*	IMP PAR ALC INVOLVEMENT
parallel	25	97	Unknown if approach paths are parallel o
parallel	136	64	From parallel/diagonal parking lane
parapet	10	34	Bridge structure (bridge pier/abutment/p
parapet	37	34	Bridge structure (pier/abutment/parapet
parapet	75	134	Bridge structure (bridge pier/abutment/p
parapet	133	34	Bridge structure (bridge pier/abutment/p
parapet	168	34	Bridge structure (bridge pier/abutment/p
paraplegic	227	4	Paraplegic or restricted to wheelchair
paraplegic	228	4	Paraplegic or restricted to wheelchair
paraplegic	327	4	Paraplegic or restricted to wheelchair
paraplegic	328	4	Paraplegic or restricted to wheelchair
parked	10	26	Parked motor vehicle (or other mv not in
parked	25	41	Cyclist struck parked vehicle
parked	37	26	Parked motor vehicle (or other MV not in
parked	75	126	Parked motor vehicle (or other MV not in
parked	133	26	Parked motor vehicle (or other mv not in
parked	135	7	Disabled or parked in travel lane
parked	161	7	Disabled or parked in travel lane
parked	168	26	Parked motor vehicle (or other mv not in
parked	179	7	Parked vehicle
parked	180	7	Parked vehicle
parked	181	7	Parked vehicle
parking	14	7	In parking lane
parking	21	0	No statutory limit (parking lot, alley,
parking	25	29	Parking lot, open area, or another nonro
parking	46	0	No statutory limit (parking lot, alley,
parking	135	13	Backing up (other than for parking posit
parking	136	64	From parallel/diagonal parking lane
parking	146	0	No statutory limit (parking lot, alley,
parking	161	13	Backing up (other than for parking purpo
partially	208	2	Partially ejected
partially	223	2	Partially ejected
passenger	30	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	154	1	Group 1L - applies if an occupant of a t
passenger	158	17	3-door coupe (passenger car, added in 19
passenger	204	2	Passenger of a motor vehicle in transpor
passenger	205	51	Other passenger in passenger or cargo ar
passenger	217	1	Group 1L - applies if an occupant of a t
passenger	225	51	Other passenger in passenger or cargo ar
passenger	317	1	Group 1L - applies if an occupant of a t
passing	25	16	Motorist overtaking, misjudges passing s
passing	135	6	Passing or overtaking another vehicle

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
passing	136	17	Crossing over (passing through) intersec
passing	161	6	Passing or overtaking another vehicle
passing	179	8	Splash or spray of passing vehicle
passing	180	8	Splash or spray of passing vehicle
passing	181	8	Splash or spray of passing vehicle
passive	20	62	Passive device (stop sign, cross bucks)
passive	48	62	Passive device (stop sign, cross bucks)
passive	169	62	Passive device at RR crossing (stop sign
passive	170	62	Passive device at RR crossing (stop sign
passive	171	62	Passive device at RR crossing (stop sign
passive	172	62	Passive device at RR crossing (stop sign
passive	334	62	Passive device at RR crossing (stop sign
passive	335	62	Passive device at RR crossing (stop sign
path	25	17	Motorist overtaking cyclist, path obstru
path	136	66	From crossing street, straight across pa
path	139	99	Vehicle path unknown
pavement	10	7	Pavement surface irregularity (ruts, pot
pavement	37	7	Pavement Surface Irregularity (ruts, pot
pavement	75	107	Pavement surface irregularity (ruts, pot
pavement	133	7	Pavement surface irregularity (ruts, pot
pavement	168	7	Pavement surface irregularity (ruts, pot
pedalcycle	10	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	37	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	75	122	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	133	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	168	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	10	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	25	40	Is the pedalcyclist riding a children's
pedalcyclist	37	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	75	122	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	133	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	136	83	Pedalcyclist/other nonmotorist in roadwa
pedalcyclist	168	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	173	5	Pedestrian, pedalcyclist or other nonmot
pedalcyclist	174	5	Pedestrian, pedalcyclist or other nonmot
pedalcyclist	304	6	Cyclist (pedalcyclist)
pedestrian	10	21	Pedestrian
pedestrian	25	*	PED/CYCLIST CRASH TYPE
pedestrian	37	21	Pedestrian
pedestrian	75	121	Pedestrian
pedestrian	133	21	Pedestrian
pedestrian	136	80	Pedestrian in roadway
pedestrian	168	21	Pedestrian
pedestrian	173	5	Pedestrian, pedalcyclist or other nonmot
pedestrian	174	5	Pedestrian, pedalcyclist or other nonmot
pedestrian	304	5	Pedestrian
person	25	9999	First qualifying nonmotorist involved is
person	26	8	No person involved in the crash
person	27	*	NUM INJ PERSONS IN ACC
person	28	8	No applicable person involved in the cra
person	41	8	No person involved in the crash
person	43	*	IMP NUM INJ PER IN ACC
person	149	8	No person involved in the crash
person	150	0	No person injured/property damage only c
person	163	8	No person involved in the crash
person	164	0	No person injured/property damage only c
person	167	8	No applicable person involed in the cras

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
person	182	12	Distracted by outside person, object or
person	183	12	Distracted by outside person, object or
person	184	12	Distracted by outside person, object or
peterbilt	105	87	Peterbilt
peugeot	105	44	Peugeot
phantom	173	92	Phantom vehicle
phantom	174	92	Phantom vehicle
phone	182	5	While talking or listening to cellular p
phone	183	5	While talking or listening to cellular p
phone	184	5	While talking or listening to cellular p
physical	227	*	PHYSICAL IMPAIRMENT #1
physical	228	*	PHYSICAL IMPAIRMENT #2
physical	327	*	PHYSICAL IMPAIRMENT #1
physical	328	*	PHYSICAL IMPAIRMENT #2
physically	15	0	Not physically divided (center 2-way lef
physically	148	0	Not physically divided (center two way l
physically	227	99	Unknown if physically impaired
physically	228	99	Unknown if physically impaired
physically	327	99	Unknown if physically impaired
physically	328	99	Unknown if physically impaired
pickup	108	10	Auto-based pickup (includes El Camino, C
pickup	158	10	Auto-based pickup (includes El Camino, C
pier	10	34	Bridge structure (bridge pier/abutment/p
pier	37	34	Bridge structure (pier/abutment/parapet
pier	75	134	Bridge structure (bridge pier/abutment/p
pier	133	34	Bridge structure (bridge pier/abutment/p
pier	168	34	Bridge structure (bridge pier/abutment/p
placard	113	*	HAZ MATERIAL PLACARD NO
placarded	114	*	HAZ MATERIALS PLACARDED
plates	37	50	Pavement surface irregularity (ruts, pot
play	25	420	Play vehicle related
playing	25	430	Playing in roadway
playing	329	29	Playing, working, sitting, lying, standi
playing	330	29	Playing, working, sitting, lying, standi
playing	331	29	Playing, working, sitting, lying, standi
playing	332	29	Playing, working, sitting, lying, standi
playing	333	29	Playing, working, sitting, lying, standi
plymouth	105	9	Plymouth
plymouth	108	20	Minivan (Chrysler Town & Country, Astro,
plymouth	158	20	Minivan (Chrysler Town & Country, Astro,
pole	10	37	Sign post, utility pole or other support
pole	37	37	Post, pole or support (sign post, utilit
pole	75	137	Sign post, utility pole or other support
pole	133	37	Sign post, utility pole or other support
pole	168	37	Post, pole or support (sign post, utilit
police	25	330	Emergency/police vehicle related
police	29	*	POLICE JURISDICTION
police	77	*	POLICE JURISDICTION
police	112	5	Police
police	153	*	POLICE JURISDICTION
police	173	93	Not on police report
police	174	93	Not on police report
police	179	93	Not on police accident reports (PAR)
police	180	93	Not on police accident reports (PAR)
police	181	93	Not on police accident report (PAR)
police	182	93	Not on police accident report (PAR)
police	183	93	Not on police accident report (PAR)

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
police	184	93	Not on police accident report (PAR)
police	208	5	Not on police accident report (PAR)
police	213	6	Not on police accident report (PAR)
police	214	6	Not on police accident report (PAR)
police	216	*	POLICE JURISDICTION
police	222	6	Not on police accident report
police	223	5	Not on police accident report (PAR)
police	313	6	Not on police accident report (PAR)
police	314	6	Not on police accident report (PAR)
police	316	*	POLICE JURISDICTION
police	322	6	Not on police accident report (PAR)
pontiac	105	22	Pontiac
poor	136	5	Poor road conditions (puddle, pothole, i
poor	173	2	Poor road conditions (puddle, ice, potho
poor	174	2	Poor road conditions (puddle, ice, potho
population	9	1	Within area of population 25,000-50,000
porsche	105	45	Porsche
position	135	8	Leaving a parked position
position	161	8	Leaving a parked position
position	205	*	OCC SEATING POSITION
position	225	*	IMP OCC SEATING POSITION
possible	26	1	Possible injury
possible	41	1	Possible injury
possible	149	1	Possible injury (C)
possible	163	1	Possible injury (C)
possible	211	1	Possible injury(C)
possible	224	1	Possible injury(C)
possible	311	1	Possible injury(C)
possible	324	1	Possible injury(C)
post	10	37	Sign post, utility pole or other support
post	37	37	Post, pole or support (sign post, utilit
post	75	137	Sign post, utility pole or other support
post	133	37	Sign post, utility pole or other support
post	168	37	Post, pole or support (sign post, utilit
pothole	136	5	Poor road conditions (puddle, pothole, i
pothole	173	2	Poor road conditions (puddle, ice, potho
pothole	174	2	Poor road conditions (puddle, ice, potho
potholes	10	7	Pavement surface irregularity (ruts, pot
potholes	37	7	Pavement Surface Irregularity (ruts, pot
potholes	75	107	Pavement surface irregularity (ruts, pot
potholes	133	7	Pavement surface irregularity (ruts, pot
potholes	168	7	Pavement surface irregularity (ruts, pot
pound	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
pound	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
power	175	5	Power train - universal joint, drive sha
power	176	5	Power train - universal joint, drive sha
power	177	5	Power train - universal joint, drive sha
power	178	5	Power train - universal joint, drive sha
pre-1983	108	21	Large van (Sportvan, Chevy Van, Club Wag
pre-1983	158	21	Large van (Sportvan, Chevy Van, Club Wag
precrash	138	*	PRECRASH VEHICLE CONTROL
precrash	139	*	PRECRASH LOCATION
presence	103	*	DRIVER PRESENCE
previous	135	17	Successful corrective action/avoidance m
previous	161	17	Successful corrective action to a previo
previous	227	5	Impaired due to previous injury
previous	228	5	Impaired due to previous injury

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
previous	327	5	Impaired due to previous injury
previous	328	5	Impaired due to previous injury
problem	136	4	Non-disabling (minor) vehicle problem (e
profile	18	*	ROADWAY PROFILE
profile	44	*	IMPUTED ROADWAY PROFILE
profile	145	*	ROADWAY PROFILE
proper	329	4	Failure to keep in proper lane or runnin
proper	330	4	Failure to keep in proper lane or runnin
proper	331	4	Failure to keep in proper lane or runnin
proper	332	4	Failure to keep in proper lane or runnin
proper	333	4	Failure to keep in proper lane or runnin
property	27	0	No person injured/property damage only c
property	43	0	No person injured/property damage only c
property	150	0	No person injured/property damage only c
property	164	0	No person injured/property damage only c
psu	31	*	PSU NUMBER
psu	79	*	PSU NUMBER
psu	155	*	PSU NUMBER
psu	218	*	PSU NUMBER
psu	318	*	PSU NUMBER
pu	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
pu	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
puddle	136	5	Poor road conditions (puddle, pothole, i
puddle	173	2	Poor road conditions (puddle, ice, potho
puddle	174	2	Poor road conditions (puddle, ice, potho
pup	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
pup	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
purpose	135	13	Backing up (other than for parking posit
purpose	161	13	Backing up (other than for parking purpo
pursuit	25	230	Hot pursuit
pushing	329	26	Nonmotorist pushing a vehicle
pushing	330	26	Nonmotorist pushing a vehicle
pushing	331	26	Nonmotorist pushing a vehicle
pushing	332	26	Nonmotorist pushing a vehicle
pushing	333	26	Nonmotorist pushing a vehicle
qualify	30	2	Group 2 - applies if the NASS crash does
qualify	78	2	Group 2 - applies if the NASS crash does
qualify	154	2	Group 2 - applies if the NASS crash does
qualify	217	2	Group 2 - applies if the NASS crash does
qualify	317	2	Group 2 - applies if the NASS crash does
qualifying	25	9999	First qualifying nonmotorist involved is
r100-r500	108	31	Large/standard pickup (Jeep Pickup, Coma
r100-r500	158	31	Large/standard pickup (Jeep Pickup, Coma
r10-r35	108	31	Large/standard pickup (Jeep Pickup, Coma
r10-r35	158	31	Large/standard pickup (Jeep Pickup, Coma
rabbit	108	10	Auto-based pickup (includes El Camino, C
rabbit	158	10	Auto-based pickup (includes El Camino, C
radio	182	8	While adjusting radio, cassette, or CD
radio	183	8	While adjusting radio, cassette, or CD
radio	184	8	While adjusting radio, cassette, or CD
raider	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
raider	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
rail	10	34	Bridge structure (bridge pier/abutment/p
rail	13	5	Rail grade crossing
rail	37	34	Bridge structure (pier/abutment/parapet
rail	45	5	Rail grade crossing
rail	75	134	Bridge structure (bridge pier/abutment/p

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
rail	133	34	Bridge structure (bridge pier/abutment/p
rail	168	34	Bridge structure (bridge pier/abutment/p
railway	10	23	Railway train
railway	37	23	Railway train
railway	75	123	Railway train
railway	133	23	Railway train
railway	168	23	Railway train
rain	23	2	Rain
rain	49	2	Rain
rain	179	1	Rain, snow, smoke, sand, dust
rain	180	1	Rain, snow, smoke, sand, dust
rain	181	1	Rain, snow, smoke, sand, dust
rally	108	21	Large van (Sportvan, Chevy Van, Club Wag
rally	158	21	Large van (Sportvan, Chevy Van, Club Wag
ram	108	21	Large van (Sportvan, Chevy Van, Club Wag
ram	158	21	Large van (Sportvan, Chevy Van, Club Wag
rambler	106	+	Rambler/American
ramcharger	108	15	Large utility (Jeep Cherokee 83 and befo
ramcharger	158	15	Large utility (Jeep Cherokee 83 and befo
ramp	13	4	Entrance/exit ramp
ramp	45	4	Entrance/exit ramp
rampage	108	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
rampage	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
ranchero	108	10	Auto-based pickup (includes El Camino, C
ranchero	158	10	Auto-based pickup (includes El Camino, C
ranger	108	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
ranger	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
reaching	182	10	While using or reaching for device/objec
reaching	183	10	While using or reaching for device/objec
reaching	184	10	While using or reaching for device/objec
rear-end	11	1	Rear-end
rear-end	40	1	Rear-end
rear-to-rear	11	3	Rear-to-rear
rear-to-rear	40	3	Rear-to-rear
reckless	165	4	Reckless driving
reckless	185	4	Reckless driving
reckless	186	4	Reckless driving
reckless	187	4	Reckless driving
reckless	188	4	Reckless driving
reckless	189	4	Reckless driving
reckless	329	6	Operating the vehicle in other erratic,
reckless	330	6	Operating the vehicle in erratic, reckle
reckless	331	6	Operating the vehicle in erratic, reckle
reckless	332	6	Operating the vehicle in erratic, reckle
reckless	333	6	Operating the vehicle in erratic, reckle
red	25	10	Right on red
reflected	179	2	Reflected glare, bright sunlight, headli
reflected	180	2	Reflected glare, bright sunlight, headli
reflected	181	2	Reflected glare, bright sunlight, headli
reflective	336	3	Reflective equipment
reflective	337	3	Reflective equipment
refuse	109	8	Garbage/refuse
region	32	*	REGION OF COUNTRY
region	80	*	REGION OF COUNTRY
region	156	*	REGION OF COUNTRY
region	219	*	REGION OF COUNTRY
region	319	*	REGION OF COUNTRY

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
related	13	2	Intersection related
related	20	23	School zone related sign
related	24	*	SCH BUS RELATED TO ACC
related	25	110	Commercial bus related
related	34	5	Yes, first harmful event related to, but
related	45	2	Intersection related
related	48	23	School zone related sign
related	49	1	No adverse atmospheric related driving c
related	142	*	SPEED RELATED
related	169	23	School zone related sign
related	170	23	School zone related sign
related	171	23	School zone related sign
related	172	23	School zone related sign
related	182	14	Smoking related
related	183	14	Smoking related
related	184	14	Smoking related
related	334	23	School zone related sign
related	335	23	School zone related sign
relation	13	*	RELATION TO JUNCTION
relation	14	*	RELATION TO ROADWAY
relation	45	*	IMP RELATION TO JUNCTION
release	115	*	HAZ MATERIALS RELEASE
releasing	137	5	Releasing brakes
renault	105	46	Renault/AMC
renegade	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
renegade	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
reo	105	81	Diamond Reo, Reo
report	173	93	Not on police report
report	174	93	Not on police report
report	179	93	Not on police accident reports (PAR)
report	180	93	Not on police accident reports (PAR)
report	181	93	Not on police accident report (PAR)
report	182	93	Not on police accident report (PAR)
report	183	93	Not on police accident report (PAR)
report	184	93	Not on police accident report (PAR)
report	208	5	Not on police accident report (PAR)
report	213	6	Not on police accident report (PAR)
report	214	6	Not on police accident report (PAR)
report	222	6	Not on police accident report
report	223	5	Not on police accident report (PAR)
report	313	6	Not on police accident report (PAR)
report	314	6	Not on police accident report (PAR)
report	322	6	Not on police accident report (PAR)
reported	165	96	Not reported
reported	173	96	Not reported
reported	174	96	Not reported
reported	179	96	Not reported
reported	180	96	Not reported
reported	181	96	Not reported
reported	182	96	Not reported
reported	183	96	Not reported
reported	184	96	Not reported
reported	185	96	Not reported
reported	186	96	Not reported
reported	187	96	Not reported
reported	188	96	Not reported
reported	189	96	Not reported

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
reported	213	9	Unknown (police reported)
reported	214	9	Unknown (police reported)
reported	222	9	Unknown (police reported)
reported	313	9	Unknown (police reported)
reported	314	9	Unknown (police reported)
reported	322	8	Not reported
required	329	1	Failing to have lights on when required
required	330	1	Failing to have lights on when required
required	331	1	Failing to have lights on when required
required	332	1	Failing to have lights on when required
required	333	1	Failing to have lights on when required
requires	227	3	Requires cane or crutches
requires	228	3	Requires cane or crutches
requires	327	3	Requires cane or crutches
requires	328	3	Requires cane or crutches
rescue	108	40	Cab chassis-based (includes rescue vehic
rescue	158	40	Cab chassis-based (includes rescue vehic
resident	152	0	Not resident of U.S. or territories
residential	25	1	Ride out, residential driveway
restraint	179	13	Head restraints
restraint	180	13	Head restraints
restraint	181	13	Head restraints
restraint	206	*	OCC RESTRAINT SYSTEM USE
restricted	227	4	Paraplegic or restricted to wheelchair
restricted	228	4	Paraplegic or restricted to wheelchair
restricted	327	4	Paraplegic or restricted to wheelchair
restricted	328	4	Paraplegic or restricted to wheelchair
returned	139	6	Returned to roadway
revoked	165	5	Driving with a suspended or revoked lice
revoked	185	5	Driving with a suspended or revoked lice
revoked	186	5	Driving with a suspended or revoked lice
revoked	187	5	Driving with a suspended or revoked lice
revoked	188	5	Driving with a suspended or revoked lice
revoked	189	5	Driving with a suspended or revoked lice
ride	25	1	Ride out, residential driveway
riding	25	40	Is the pedalcyclist riding a children's
riding	205	53	Riding on vehicle exterior
riding	225	53	Riding on vehicle exterior
right	25	10	Right on red
right	74	2	Right side
right	76	2	Right side
right	125	2	Right side
right	126	2	Right side
right	127	2	Right side
right	128	2	Right side
right	129	2	Right side
right	130	2	Right side
right	135	10	Turning right
right	136	11	Over the lane line on right side of trav
right	137	7	Steering to right
right	160	2	Right side
right	161	10	Turning right
right	165	6	Failure to yield right of way
right	205	13	Front seat - right side
right	225	13	Front seat - right side
right	329	7	Failure to yield right of way
right	330	7	Failure to yield right of way

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	331	7	Failure to yield right of way
right	332	7	Failure to yield right of way
right	333	7	Failure to yield right of way
right-of-way	185	6	Failure to yield right-of-way
right-of-way	186	6	Failure to yield right-of-way
right-of-way	187	6	Failure to yield right-of-way
right-of-way	188	6	Failure to yield right-of-way
right-of-way	189	6	Failure to yield right-of-way
road	20	41	Warning sign for road conditions (hill,
road	25	1532	Wheelchair: Walking along road - against
road	48	41	Warning sign for road conditions (hill,
road	136	5	Poor road conditions (puddle, pothole, i
road	169	41	Warning sign for road conditions (hill,
road	170	41	Warning sign for road conditions (hill,
road	171	41	Warning sign for road conditions (hill,
road	172	41	Warning sign for road conditions (hill,
road	173	1	Object in road
road	174	1	Object in road
road	329	4	Failure to keep in proper lane or runnin
road	330	4	Failure to keep in proper lane or runnin
road	331	4	Failure to keep in proper lane or runnin
road	332	4	Failure to keep in proper lane or runnin
road	333	4	Failure to keep in proper lane or runnin
road	334	41	Warning sign for road conditions (hill,
road	335	41	Warning sign for road conditions (hill,
roadside	14	4	On roadside
roadway	14	*	RELATION TO ROADWAY
roadway	17	*	ROADWAY ALIGNMENT
roadway	18	*	ROADWAY PROFILE
roadway	19	*	ROADWAY SURFACE COND
roadway	25	410	Working on roadway
roadway	36	*	IMP ROADWAY ALIGNMENT
roadway	44	*	IMPUTED ROADWAY PROFILE
roadway	47	*	IMP ROADWAY SURFACE COND
roadway	136	80	Pedestrian in roadway
roadway	139	2	Stayed on roadway, but left original tra
roadway	143	*	ROADWAY ALIGNMENT
roadway	145	*	ROADWAY PROFILE
roadway	315	2	Intersection - on roadway
roadway	329	22	Improper crossing of roadway or intersec
roadway	330	22	Improper crossing of roadway or intersec
roadway	331	22	Improper crossing of roadway or intersec
roadway	332	22	Improper crossing of roadway or intersec
roadway	333	22	Improper crossing of roadway or intersec
rod	175	3	Steering system - tie rod, kingpin, ball
rod	176	3	Steering system - tie rod, kingpin, ball
rod	177	3	Steering system - tie rod, kingpin, ball
rod	178	3	Steering system - tie rod, kingpin, ball
role	140	*	VEHICLE ROLE
role	166	*	IMPUTED VEHICLE ROLE
rolled	25	1750	Wheelchair: Rolled into vehicle - at int
rollover	10	1	Rollover/Overturn
rollover	37	1	Rollover/overturn
rollover	75	101	Rollover/overturn
rollover	123	*	ROLLOVER
rollover	133	1	Rollover/overturn
rollover	168	1	Rollover/overturn

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
romeo	105	31	Alfa Romeo
roof	108	1	Convertible (excludes sun roof, t-bar)
roof	158	1	Convertible (excludes sun roof, t-bar)
rotation	138	2	Skidding longitudinally - rotation less
rover	105	62	Land Rover
rover	108	15	Large utility (Jeep Cherokee 83 and befo
rover	158	15	Large utility (Jeep Cherokee 83 and befo
run	103	2	Hit and run (vehicle and/or driver left
run	165	50	Hit & run (and no information)
run	173	50	Hit & run (and no information)
run	174	50	Hit & run (and no information)
run	179	50	Hit & run vehicle (and no information)
run	180	50	Hit & run vehicle (and no information)
run	181	50	Hit & run vehicle (and no information)
run	185	50	Hit & run (and no information)
run	186	50	Hit & run (and no information)
run	187	50	Hit & run (and no information)
run	188	50	Hit & run (and no information)
run	189	50	Hit & run (and no information)
running	165	7	Running a traffic signal or stop sign
running	185	7	Running a traffic signal or stop sign
running	186	7	Running a traffic signal or stop sign
running	187	7	Running a traffic signal or stop sign
running	188	7	Running a traffic signal or stop sign
running	189	7	Running a traffic signal or stop sign
running	329	4	Failure to keep in proper lane or runnin
running	330	4	Failure to keep in proper lane or runnin
running	331	4	Failure to keep in proper lane or runnin
running	332	4	Failure to keep in proper lane or runnin
running	333	4	Failure to keep in proper lane or runnin
rut	10	7	Pavement surface irregularity (ruts, pot
rut	37	7	Pavement Surface Irregularity (ruts, pot
rut	75	107	Pavement surface irregularity (ruts, pot
rut	133	7	Pavement surface irregularity (ruts, pot
rut	168	7	Pavement surface irregularity (ruts, pot
s-10	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
s-10	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
s5-s15	108	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
s5-s15	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
saab	105	47	Saab
safari	108	20	Minivan (Chrysler Town & Country, Astro,
safari	158	20	Minivan (Chrysler Town & Country, Astro,
safety	206	6	Child safety seat
safety	329	8	Failure to obey traffic signs, traffic c
safety	330	8	Failure to obey traffic signs, traffic c
safety	331	8	Failure to obey traffic signs, traffic c
safety	332	8	Failure to obey traffic signs, traffic c
safety	333	8	Failure to obey traffic signs, traffic c
safety	336	*	SAFETY EQUIPMENT USED #1
safety	337	*	SAFETY EQUIPMENT USED #2
sag	18	8	Sag
sag	44	8	Sag
sag	145	8	Sag
sand	19	5	Sand, dirt, oil
sand	23	8	Other (smog, smoke, blowing sand/dust/sn
sand	47	5	Sand, dirt, oil
sand	49	8	Other (smog, smoke, blowing sand/dust/sn

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
sand	147	5	Sand, dirt, oil
sand	179	1	Rain, snow, smoke, sand, dust
sand	180	1	Rain, snow, smoke, sand, dust
sand	181	1	Rain, snow, smoke, sand, dust
saturday	4	7	Saturday
saturday	50	7	Saturday
saturn	105	24	Saturn
scamp	108	30	Compact pickup(<4,500 lbs GVWR, S5-S15,
scamp	158	30	Compact pickup (<4,500 lbs GVWR, S5-S15,
scene	103	2	Hit and run (vehicle and/or driver left
scene	104	0	No, did not leave scene
scene	132	*	MANNER OF LEAVING SCENE
scene	159	0	No, did not leave scene
school	20	23	School zone related sign
school	24	*	SCH BUS RELATED TO ACC
school	25	120	School bus related
school	48	23	School zone related sign
school	108	24	Van-based school bus (added in 1993)
school	112	2	Vehicle used as school bus
school	158	24	Van-based school bus
school	169	23	School zone related sign
school	170	23	School zone related sign
school	171	23	School zone related sign
school	172	23	School zone related sign
school	334	23	School zone related sign
school	335	23	School zone related sign
scout	108	15	Large utility (Jeep Cherokee 83 and befo
scout	158	15	Large utility (Jeep Cherokee 83 and befo
scrambler	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
scrambler	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
seat	205	11	Front seat - left side (driver's side)
seat	206	6	Child safety seat
seat	225	11	Front seat - left side (driver's side)
seating	175	13	Driver seating and control
seating	176	13	Driver seating and control
seating	177	13	Driver seating and control
seating	178	13	Driver seating and control
seating	205	*	OCC SEATING POSITION
seating	225	*	IMP OCC SEATING POSITION
section	205	50	Sleeper section of cab (truck)
section	225	50	Sleeper section of cab (truck)
sedan	108	2	2-door sedan, hardtop, coupe
sedan	158	2	2-door sedan, hardtop, coupe
see	182	1	Looked but did not see
see	183	1	Looked but did not see
see	184	1	Looked but did not see
separator	14	10	Separator
september	2	9	September
sequence	72	*	EVENT SEQUENCE NUMBER
severe	131	3	Severe (disabling from 1988-2003)
severity	26	*	MAX INJ SEVERITY IN ACC
severity	41	*	IMP MAX INJ SEV. IN ACC
severity	131	*	DAMAGE SEVERITY
severity	149	*	MAX INJ SEVERITY IN VEH
severity	163	*	IMP MAX INJ SEV IN VEH
severity	211	*	OCC INJURY SEVERITY
severity	224	*	IMP OCC INJURY SEVERITY

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
severity	311	*	NMTR INJURY SEVERITY
severity	324	*	IMP NMTR INJURY SEVERITY
sex	210	*	OCCUPANT SEX
sex	226	*	IMPUTED OCCUPANT SEX
sex	310	*	NONMOTORIST SEX
sex	326	*	IMPUTED NONMOTORIST SEX
shaft	175	5	Power train - universal joint, drive sha
shaft	176	5	Power train - universal joint, drive sha
shaft	177	5	Power train - universal joint, drive sha
shaft	178	5	Power train - universal joint, drive sha
shock	175	4	Suspension-springs, shock absorbers, mac
shock	176	4	Suspension-springs, shock absorbers, mac
shock	177	4	Suspension-springs, shock absorbers, mac
shock	178	4	Suspension-springs, shock absorbers, mac
shoulder	14	2	On shoulder
shoulder	206	1	Lap/shoulder belt
shrubbery	10	44	Shrubbery or bush
shrubbery	37	44	Shrubbery or bush
shrubbery	75	144	Shrubbery or bush
shrubbery	133	44	Shrubbery or bush
shrubbery	168	44	Shrubbery or bush
side	25	21	Cyclist right turn, from wrong side of s
side	74	2	Right side
side	76	2	Right side
side	108	12	Large limousine (more than four side doo
side	125	2	Right side
side	126	2	Right side
side	127	2	Right side
side	128	2	Right side
side	129	2	Right side
side	130	2	Right side
side	136	10	Over the lane line on left side of trave
side	158	12	Large limousine (more than four side doo
side	160	2	Right side
side	205	11	Front seat - left side (driver's side)
side	225	11	Front seat - left side (driver's side)
side	329	10	Driving on wrong side of road
side	330	10	Driving on wrong side of road
side	331	10	Driving on wrong side of road
side	332	10	Driving on wrong side of road
side	333	10	Driving on wrong side of road
sideswipe	11	5	Sideswipe, same direction
sideswipe	40	5	Sideswipe, same direction
sidewalk	25	3	Ride out from sidewalk
sierra	108	31	Large/standard pickup (Jeep Pickup, Coma
sierra	158	31	Large/standard pickup (Jeep Pickup, Coma
sign	10	37	Sign post, utility pole or other support
sign	20	21	Stop sign
sign	25	5	Ride out, stop sign
sign	37	37	Post, pole or support (sign post, utilit
sign	48	21	Stop sign
sign	75	137	Sign post, utility pole or other support
sign	133	37	Sign post, utility pole or other support
sign	165	7	Running a traffic signal or stop sign
sign	168	37	Post, pole or support (sign post, utilit
sign	169	21	Stop sign
sign	170	21	Stop sign

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
sign	171	21	Stop sign
sign	172	21	Stop sign
sign	179	4	Building, billboard, or other design fea
sign	180	4	Building, billboard, or other design fea
sign	181	4	Building, billboard, or other design fea
sign	185	7	Running a traffic signal or stop sign
sign	186	7	Running a traffic signal or stop sign
sign	187	7	Running a traffic signal or stop sign
sign	188	7	Running a traffic signal or stop sign
sign	189	7	Running a traffic signal or stop sign
sign	329	8	Failure to obey traffic signs, traffic c
sign	330	8	Failure to obey traffic signs, traffic c
sign	331	8	Failure to obey traffic signs, traffic c
sign	332	8	Failure to obey traffic signs, traffic c
sign	333	8	Failure to obey traffic signs, traffic c
sign	334	21	Stop sign
sign	335	21	Stop sign
signal	20	1	Traffic control signal (on colors)
signal	48	1	Traffic control signal (on colors)
signal	165	7	Running a traffic signal or stop sign
signal	169	1	Traffic control signal (on colors)
signal	170	1	Traffic control signal (on colors)
signal	171	1	Traffic control signal (on colors)
signal	172	1	Traffic control signal (on colors)
signal	175	8	Signal lights
signal	176	8	Signal lights
signal	177	8	Signal lights
signal	178	8	Signal lights
signal	185	7	Running a traffic signal or stop sign
signal	186	7	Running a traffic signal or stop sign
signal	187	7	Running a traffic signal or stop sign
signal	188	7	Running a traffic signal or stop sign
signal	189	7	Running a traffic signal or stop sign
signal	334	1	Traffic control signal (on colors)
signal	335	1	Traffic control signal (on colors)
silverado	108	31	Large/standard pickup (Jeep Pickup, Coma
silverado	158	31	Large/standard pickup (Jeep Pickup, Coma
single	108	64	Single unit straight truck
single	158	64	Single unit straight truck
sitting	329	29	Playing, working, sitting, lying, standi
sitting	330	29	Playing, working, sitting, lying, standi
sitting	331	29	Playing, working, sitting, lying, standi
sitting	332	29	Playing, working, sitting, lying, standi
sitting	333	29	Playing, working, sitting, lying, standi
skidding	138	2	Skidding longitudinally - rotation less
sleeper	205	50	Sleeper section of cab (truck)
sleeper	225	50	Sleeper section of cab (truck)
sleepy	182	11	Sleepy or fell asleep
sleepy	183	11	Sleepy or fell asleep
sleepy	184	11	Sleepy or fell asleep
sleepy	227	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	228	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	327	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	328	2	Drowsy, sleepy, fell asleep, fatigued
sleet	23	3	Sleet
sleet	49	3	Sleet
slide-in	108	32	Pickup with slide-in camper

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
slide-in	158	32	Pickup with slide-in camper
slush	19	3	Snow or slush
slush	47	3	Snow or slush
slush	147	3	Snow or slush
smog	23	8	Other (smog, smoke, blowing sand/dust/sn
smog	49	8	Other (smog, smoke, blowing sand/dust/sn
smoke	23	8	Other (smog, smoke, blowing sand/dust/sn
smoke	49	8	Other (smog, smoke, blowing sand/dust/sn
smoke	179	1	Rain, snow, smoke, sand, dust
smoke	180	1	Rain, snow, smoke, sand, dust
smoke	181	1	Rain, snow, smoke, sand, dust
smoking	182	14	Smoking related
smoking	183	14	Smoking related
smoking	184	14	Smoking related
snow	19	3	Snow or slush
snow	23	4	Snow
snow	47	3	Snow or slush
snow	49	4	Snow
snow	147	3	Snow or slush
snow	179	1	Rain, snow, smoke, sand, dust
snow	180	1	Rain, snow, smoke, sand, dust
snow	181	1	Rain, snow, smoke, sand, dust
snowmobile	108	91	Snowmobile
snowmobile	158	91	Snowmobile
soft	123	23	Tripped rollover - by soft soil
soil	123	23	Tripped rollover - by soft soil
south	32	3	South (MD, DE, DC, WV, VA, KY, TN, NC, S
south	80	3	South (MD, DE, DC, WV, VA, KY, TN, NC, S
south	156	3	South (MD, DE, DC, WV, VA, KY, TN, NC, S
south	219	3	South (MD, DE, DC, WV, VA, KY, TN, NC, S
south	319	3	South (MD, DE, DC, WV, VA, KY, TN, NC, S
space	25	16	Motorist overtaking, misjudges passing s
special	112	*	SPECIAL USE
specific	206	8	Restraint used - specifics unknown or ot
speed	20	40	Advisory speed sign
speed	21	*	SPEED LIMIT
speed	46	*	IMPUTED SPEED LIMIT
speed	48	40	Advisory speed sign
speed	120	*	TRAVEL SPEED
speed	136	6	Traveling too fast for conditions (exces
speed	142	*	SPEED RELATED
speed	146	*	SPEED LIMIT
speed	169	40	Advisory speed sign
speed	170	40	Advisory speed sign
speed	171	40	Advisory speed sign
speed	172	40	Advisory speed sign
speed	334	40	Advisory speed sign
speed	335	40	Advisory speed sign
speeding	165	2	Speeding
speeding	185	3	Speeding
speeding	186	3	Speeding
speeding	187	3	Speeding
speeding	188	3	Speeding
speeding	189	3	Speeding
splash	179	8	Splash or spray of passing vehicle
splash	180	8	Splash or spray of passing vehicle
splash	181	8	Splash or spray of passing vehicle

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
sportsman	108	21	Large van (Sportvan, Chevy Van, Club Wag
sportsman	158	21	Large van (Sportvan, Chevy Van, Club Wag
sportvan	108	21	Large van (Sportvan, Chevy Van, Club Wag
sportvan	158	21	Large van (Sportvan, Chevy Van, Club Wag
spray	179	8	Splash or spray of passing vehicle
spray	180	8	Splash or spray of passing vehicle
spray	181	8	Splash or spray of passing vehicle
stability	138	9	Preocrash stability unknown
stake	108	40	Cab chassis-based (includes rescue vehic
stake	158	40	Cab chassis-based (includes rescue vehic
stalled	136	2	Stalled engine
standard	108	31	Large/standard pickup (Jeep Pickup, Coma
standard	158	31	Large/standard pickup (Jeep Pickup, Coma
standing	329	29	Playing, working, sitting, lying, standi
standing	330	29	Playing, working, sitting, lying, standi
standing	331	29	Playing, working, sitting, lying, standi
standing	332	29	Playing, working, sitting, lying, standi
standing	333	29	Playing, working, sitting, lying, standi
starting	135	4	Starting in traffic lane
starting	161	4	Starting in traffic lane
station	25	29	Parking lot, open area, or another nonro
station	108	6	Station wagon (excluding van and truck b
station	158	6	Station wagon (excluding van and truck b
statutory	21	0	No statutory limit (parking lot, alley,
statutory	46	0	No statutory limit (parking lot, alley,
statutory	146	0	No statutory limit (parking lot, alley,
stayed	139	1	Stayed in original travel lane
steady	136	51	Traveling in same direction with lower s
steep	20	41	Warning sign for road conditions (hill,
steep	48	41	Warning sign for road conditions (hill,
steep	169	41	Warning sign for road conditions (hill,
steep	170	41	Warning sign for road conditions (hill,
steep	171	41	Warning sign for road conditions (hill,
steep	172	41	Warning sign for road conditions (hill,
steep	334	41	Warning sign for road conditions (hill,
steep	335	41	Warning sign for road conditions (hill,
steered	137	12	Accelerated and steered to right
steering	137	6	Steering to left
steering	175	3	Steering system - tie rod, kingpin, ball
steering	176	3	Steering system - tie rod, kingpin, ball
steering	177	3	Steering system - tie rod, kingpin, ball
steering	178	3	Steering system - tie rod, kingpin, ball
step	108	22	Step van or walk-in van (<=4,536 kg GVWR
step	158	22	Step van or walk-in van (< 4,536 kg GVWR
sterling	105	61	Sterling
stopped	120	0	Stopped vehicle
stopped	135	5	Stopped in traffic lane
stopped	136	50	Other vehicle stopped
stopped	161	5	Stopped in traffic lane
straight	17	1	Straight
straight	36	1	Straight
straight	108	64	Single unit straight truck
straight	135	1	Going straight
straight	136	66	From crossing street, straight across pa
straight	143	1	Straight
straight	158	64	Single unit straight truck
straight	161	1	Going straight

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
stratum	30	*	STRATUM
stratum	78	*	STRATUM
stratum	154	*	STRATUM
stratum	217	*	STRATUM
stratum	317	*	STRATUM
street	25	21	Cyclist right turn, from wrong side of s
street	108	97	Other type vehicle (includes go-cart, fo
street	136	65	From crossing street, turning into same
street	158	97	Other type vehicle (includes go-cart, fo
stretched	108	12	Large limousine (more than four side doo
stretched	158	12	Large limousine (more than four side doo
strike	81	4	Strike another in-transport motor vehicl
striking	140	1	Striking
striking	166	1	Striking
striking	302	*	VEH STRIKING NUMBER NMTR
strip	15	2	Divided highway (median strip, barrier,
strip	148	2	Divided highway (median strip, barrier)
struck	25	36	Weird - the motorist or cyclist intentio
struck	81	5	Struck by an in-transport motor vehicle
struck	140	2	Struck
struck	166	2	Struck
structure	10	34	Bridge structure (bridge pier/abutment/p
structure	37	34	Bridge structure (pier/abutment/parapet
structure	75	134	Bridge structure (bridge pier/abutment/p
structure	133	34	Bridge structure (bridge pier/abutment/p
structure	168	34	Bridge structure (bridge pier/abutment/p
struts	175	4	Suspension-springs, shock absorbers, mac
struts	176	4	Suspension-springs, shock absorbers, mac
struts	177	4	Suspension-springs, shock absorbers, mac
struts	178	4	Suspension-springs, shock absorbers, mac
student	108	50	School bus type (designed to carry stude
student	158	50	School bus type (designed to carry stude
style	108	39	Unknown (pickup style) light conventiona
style	158	39	Unknown (pickup style) light conventiona
subaru	105	48	Subaru
suburban	108	16	Utility station wagon (Chevrolet Suburba
suburban	158	16	Utility station wagon (Chevrolet Suburba
successful	135	17	Successful corrective action/avoidance m
successful	161	17	Successful corrective action to a previo
sun	108	1	Convertible (excludes sun roof, t-bar)
sun	158	1	Convertible (excludes sun roof, t-bar)
sunday	4	1	Sunday
sunday	50	1	Sunday
sunlight	179	2	Reflected glare, bright sunlight, headli
sunlight	180	2	Reflected glare, bright sunlight, headli
sunlight	181	2	Reflected glare, bright sunlight, headli
support	10	37	Sign post, utility pole or other support
support	37	37	Post, pole or support (sign post, utilit
support	75	137	Sign post, utility pole or other support
support	133	37	Sign post, utility pole or other support
support	168	37	Post, pole or support (sign post, utilit
surface	10	7	Pavement surface irregularity (ruts, pot
surface	19	*	ROADWAY SURFACE COND
surface	37	7	Pavement Surface Irregularity (ruts, pot
surface	47	*	IMP ROADWAY SURFACE COND
surface	75	107	Pavement surface irregularity (ruts, pot
surface	133	7	Pavement surface irregularity (ruts, pot

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
surface	147	*	SURFACE CONDITION
surface	168	7	Pavement surface irregularity (ruts, pot
suspended	165	5	Driving with a suspended or revoked lice
suspended	185	5	Driving with a suspended or revoked lice
suspended	186	5	Driving with a suspended or revoked lice
suspended	187	5	Driving with a suspended or revoked lice
suspended	188	5	Driving with a suspended or revoked lice
suspended	189	5	Driving with a suspended or revoked lice
suspension-springs	175	4	Suspension-springs, shock absorbers, mac
suspension-springs	176	4	Suspension-springs, shock absorbers, mac
suspension-springs	177	4	Suspension-springs, shock absorbers, mac
suspension-springs	178	4	Suspension-springs, shock absorbers, mac
suzuki	105	53	Suzuki
swamp	108	90	ATV (all terrain vehicle including dune/
swamp	158	90	ATV (all terrain vehicle including dune/
sweeper	108	97	Other type vehicle (includes go-cart, fo
sweeper	158	97	Other type vehicle (includes go-cart, fo
swings	25	32	Cyclist swings wide
switched	207	0	No air bag available (includes airbags t
system	175	2	Brake system
system	176	2	Brake system
system	177	2	Brake system
system	178	2	Brake system
system	179	9	Inadequate defrost or defog system
system	180	9	Inadequate defrost or defog system
system	181	9	Inadequate defrost or defog system
system	206	*	OCC RESTRAINT SYSTEM USE
t100	108	31	Large/standard pickup (Jeep Pickup, Coma
t100	158	31	Large/standard pickup (Jeep Pickup, Coma
taken	212	*	TAKEN TO HOSP/TREATMENT
taken	312	*	TAKEN TO HOSP/TREATMENT
talking	182	5	While talking or listening to cellular p
talking	183	5	While talking or listening to cellular p
talking	184	5	While talking or listening to cellular p
talking	329	24	Inattentive (talking, eating, etc.)
talking	330	24	Inattentive (talking, eating, etc.)
talking	331	24	Inattentive (talking, eating, etc.)
talking	332	24	Inattentive (talking, eating, etc.)
talking	333	24	Inattentive (talking, eating, etc.)
tank	109	3	Cargo tank
taxi	112	1	Taxi
t-bar	108	1	Convertible (excludes sun roof, t-bar)
t-bar	158	1	Convertible (excludes sun roof, t-bar)
terrain	108	90	ATV (all terrain vehicle including dune/
terrain	158	90	ATV (all terrain vehicle including dune/
territories	152	0	Not resident of U.S. or territories
thought	182	97	Inattentive or lost in thought
thought	183	97	Inattentive or lost in thought
thought	184	97	Inattentive or lost in thought
threat	25	7	Multiple threat
thrown	10	10	Thrown or falling object
thrown	37	10	Thrown or falling object
thrown	75	110	Thrown or falling object
thrown	133	10	Thrown or falling object
thrown	168	10	Thrown or falling object
thursday	4	5	Thursday
thursday	50	5	Thursday

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
tie	175	3	Steering system - tie rod, kingpin, ball
tie	176	3	Steering system - tie rod, kingpin, ball
tie	177	3	Steering system - tie rod, kingpin, ball
tie	178	3	Steering system - tie rod, kingpin, ball
time	5	*	ACCIDENT TIME - HOUR
time	6	*	ACCIDENT TIME - MINUTE
time	38	*	IMP ACCIDENT TIME - HOUR
time	42	*	IMP ACC TIME - MINUTE
tire	136	1	Blow out or flat tire
tire	175	1	Tires
tire	176	1	Tires
tire	177	1	Tires
tire	178	1	Tires
top	74	5	Top
top	76	5	Top
top	125	5	Top
top	126	5	Top
top	127	5	Top
top	128	5	Top
top	129	5	Top
top	130	5	Top
top	160	5	Top
totally	208	1	Totally ejected
totally	223	1	Totally ejected
tow	108	40	Cab chassis-based (includes rescue vehic
tow	158	40	Cab chassis-based (includes rescue vehic
towed	30	1	Group 1L - applies if an occupant of a t
towed	78	1	Group 1L - applies if an occupant of a t
towed	131	1	Minor (and not towed due to damage)
towed	132	2	Towed due to damage
towed	154	1	Group 1L - applies if an occupant of a t
towed	217	1	Group 1L - applies if an occupant of a t
towed	317	1	Group 1L - applies if an occupant of a t
town	108	20	Minivan (Chrysler Town & Country, Astro,
town	158	20	Minivan (Chrysler Town & Country, Astro,
toyota	105	49	Toyota
toyota	108	20	Minivan (Chrysler Town & Country, Astro,
toyota	158	20	Minivan (Chrysler Town & Country, Astro,
tracking	138	1	Tracking
traffic	10	36	Concrete traffic barrier or other longit
traffic	20	*	TRAFFIC CONTROL DEVICE
traffic	25	18	Cyclist left turn, in front of traffic
traffic	37	36	Concrete traffic barrier or other longit
traffic	48	*	IMP TRAFFIC CONTROL DEV
traffic	75	136	Concrete traffic barrier or other longit
traffic	133	36	Concrete traffic barrier or other longit
traffic	135	2	Decelerating in traffic lane
traffic	161	2	Decelerating in traffic lane
traffic	165	7	Running a traffic signal or stop sign
traffic	168	36	Concrete traffic barrier or other longit
traffic	169	*	TRAFFIC CONTRL DEVICE #1
traffic	170	*	TRAFFIC CONTRL DEVICE #2
traffic	171	*	TRAFFIC CONTRL DEVICE #3
traffic	172	*	TRAFFIC CONTRL DEVICE #4
traffic	185	7	Running a traffic signal or stop sign
traffic	186	7	Running a traffic signal or stop sign
traffic	187	7	Running a traffic signal or stop sign

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
traffic	188	7	Running a traffic signal or stop sign
traffic	189	7	Running a traffic signal or stop sign
traffic	329	8	Failure to obey traffic signs, traffic c
traffic	330	8	Failure to obey traffic signs, traffic c
traffic	331	8	Failure to obey traffic signs, traffic c
traffic	332	8	Failure to obey traffic signs, traffic c
traffic	333	8	Failure to obey traffic signs, traffic c
traffic	334	*	BICYCL TRAF CNTRL DEVC#1
traffic	335	*	BICYCL TRAF CNTRL DEVC#2
trafficway	14	5	Outside trafficway
trafficway	15	*	TRAFFICWAY FLOW
trafficway	148	*	TRAFFICWAY FLOW
trafficway	329	5	Making improper entry to or exit from tr
trafficway	330	5	Making improper entry to or exit from tr
trafficway	331	5	Making improper entry to or exit from tr
trafficway	332	5	Making improper entry to or exit from tr
trafficway	333	5	Making improper entry to or exit from tr
trail	110	*	NO OF AXLES ON VEH/TRAIL
trailduster	108	15	Large utility (Jeep Cherokee 83 and befo
trailduster	158	15	Large utility (Jeep Cherokee 83 and befo
trailer	175	15	Trailer hitch
trailer	176	15	Trailer hitch
trailer	177	15	Trailer hitch
trailer	178	15	Trailer hitch
trailer	121	*	VEHICLE TRAILERING
trailing	108	66	Truck-tractor (cab only, or with any num
trailing	121	1	No trailing units
trailing	158	66	Truck-tractor (cab only, or with any num
trailing	205	52	Trailing unit
trailing	225	52	Trailing unit
train	10	23	Railway train
train	37	23	Railway train
train	75	123	Railway train
train	133	23	Railway train
train	168	23	Railway train
train	175	5	Power train - universal joint, drive sha
train	176	5	Power train - universal joint, drive sha
train	177	5	Power train - universal joint, drive sha
train	178	5	Power train - universal joint, drive sha
training	25	40	Is the pedalcyclist riding a children's
transit	108	50	School bus type (designed to carry stude
transit	158	50	School bus type (designed to carry stude
translated	74	98	(?) Not translated
transmission	175	5	Power train - universal joint, drive sha
transmission	176	5	Power train - universal joint, drive sha
transmission	177	5	Power train - universal joint, drive sha
transmission	178	5	Power train - universal joint, drive sha
transport	10	25	Motor vehicle in transport
transport	11	0	Not collision with motor vehicle in tran
transport	37	25	Motor vehicle in transport
transport	40	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	133	25	Motor vehicle in transport
transport	168	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

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
transport	315	0	Not applicable - driver or occupant of M
transported	30	5	Group 1M - applies if the NASS crash doe
transported	78	5	Group 1M - applies if the NASS crash doe
transported	154	5	Group 1M - applies if the NASS crash doe
transported	217	5	Group 1M - applies if the NASS crash doe
transported	317	5	Group 1M - applies if the NASS crash doe
transporter	109	7	Auto transporter
trapped	25	6	Trapped
travel	16	*	NUMBER OF TRAVEL LANES
travel	120	*	TRAVEL SPEED
travel	135	7	Disabled or parked in travel lane
travel	136	10	Over the lane line on left side of trave
travel	139	1	Stayed in original travel lane
travel	144	*	NUMBER OF TRAVEL LANES
travel	161	7	Disabled or parked in travel lane
travelall	108	16	Utility station wagon (Chevrolet Suburba
travelall	158	16	Utility station wagon (Chevrolet Suburba
traveling	136	6	Traveling too fast for conditions (exces
treatment	212	*	TAKEN TO HOSP/TREATMENT
treatment	312	*	TAKEN TO HOSP/TREATMENT
tree	10	45	Tree
tree	37	45	Tree
tree	75	145	Tree
tree	133	45	Tree
tree	168	45	Tree
tree	179	5	Trees, crops, vegetation
tree	180	5	Trees, crops, vegetation
tree	181	5	Trees, crops, vegetation
tricycle	25	40	Is the pedalcyclist riding a children's
tripped	123	20	Tripped rollover - by curb
triumph	105	50	Triumph
truck	30	2	Group 2 - applies if the NASS crash does
truck	78	2	Group 2 - applies if the NASS crash does
truck	105	98	Other (truck or bus)
truck	108	6	Station wagon (excluding van and truck b
truck	112	7	Fire truck and car
truck	154	2	Group 2 - applies if the NASS crash does
truck	158	6	Station wagon (excluding van and truck b
truck	205	50	Sleeper section of cab (truck)
truck	217	2	Group 2 - applies if the NASS crash does
truck	225	50	Sleeper section of cab (truck)
truck	317	2	Group 2 - applies if the NASS crash does
truck-based	108	41	Truck-based panel
truck-based	158	41	Truck-based panel
truck-tractor	108	66	Truck-tractor (cab only, or with any num
truck-tractor	158	66	Truck-tractor (cab only, or with any num
true	25	98	Parallel path 7 - No way of knowing whic
tuesday	4	3	Tuesday
tuesday	50	3	Tuesday
turning	135	10	Turning right
turning	136	15	Turning left at intersection
turning	161	10	Turning right
unattended	103	0	Unattended vehicle (driverless, or no dr
uncontrolled	25	25	Uncontrolled intersection, other
undercarriage	74	6	Undercarriage
undercarriage	76	6	Undercarriage
undercarriage	125	6	Undercarriage

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
undercarriage	126	6	Undercarriage
undercarriage	127	6	Undercarriage
undercarriage	128	6	Undercarriage
undercarriage	129	6	Undercarriage
undercarriage	130	6	Undercarriage
undercarriage	160	6	Undercarriage
undetected	25	13	Motorist overtakes undetected cyclist
unit	108	64	Single unit straight truck
unit	121	1	No trailing units
unit	158	64	Single unit straight truck
unit	205	52	Trailing unit
unit	225	52	Trailing unit
universal	175	5	Power train - universal joint, drive sha
universal	176	5	Power train - universal joint, drive sha
universal	177	5	Power train - universal joint, drive sha
universal	178	5	Power train - universal joint, drive sha
untripped	123	10	Untripped rollover
utility	10	37	Sign post, utility pole or other support
utility	37	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	133	37	Sign post, utility pole or other support
utility	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
utility	168	37	Post, pole or support (sign post, utilit
u-turn	135	12	Making a U-turn
u-turn	161	12	Making a U-turn
van	108	6	Station wagon (excluding van and truck b
van	109	2	Van/enclosed box
van	158	6	Station wagon (excluding van and truck b
vanagon	108	20	Minivan (Chrysler Town & Country, Astro,
vanagon	158	20	Minivan (Chrysler Town & Country, Astro,
van-based	108	23	Van-based motorhome
van-based	158	23	Van-based motorhome
vandura	108	21	Large van (Sportvan, Chevy Van, Club Wag
vandura	158	21	Large van (Sportvan, Chevy Van, Club Wag
vegetation	179	5	Trees, crops, vegetation
vegetation	180	5	Trees, crops, vegetation
vegetation	181	5	Trees, crops, vegetation
vendor	25	130	Ice cream vendor
vin	111	*	VIN
violation	25	760	Intersection, driver violation
violation	165	*	IMP VIOLATIONS CHARGED
violation	185	*	DRVR VIOLATNS CHARGED #1
violation	186	*	DRVR VIOLATNS CHARGED #2
violation	187	*	DRVR VIOLATNS CHARGED #3
violation	188	*	DRVR VIOLATNS CHARGED #4
violation	189	*	DRVR VIOLATNS CHARGED #5
vision	179	*	VISION OBSCURED BY #1
vision	180	*	VISION OBSCURED BY #2
vision	181	*	VISION OBSCURED BY #3
vista	108	20	Minivan (Chrysler Town & Country, Astro,
vista	158	20	Minivan (Chrysler Town & Country, Astro,
volkswagen	105	30	Volkswagen
volvo	105	51	Volvo
voyager	108	20	Minivan (Chrysler Town & Country, Astro,
voyager	158	20	Minivan (Chrysler Town & Country, Astro,
wagon	108	6	Station wagon (excluding van and truck b

GES 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
wagon	158	6	Station wagon (excluding van and truck b
wagoneer	108	16	Utility station wagon (Chevrolet Suburba
wagoneer	158	16	Utility station wagon (Chevrolet Suburba
waiting	25	610	Pedestrian waiting to cross at/near curb
walk-in	108	22	Step van or walk-in van (<=4,536 kg GVWR
walk-in	158	22	Step van or walk-in van (< 4,536 kg GVWR
walking	25	310	Walking to or from disabled vehicle
walking	329	27	Walking with traffic
walking	330	27	Walking with traffic
walking	331	27	Walking with traffic
walking	332	27	Walking with traffic
walking	333	27	Walking with traffic
walks	25	750	Pedestrian walks into vehicle - at inter
wall	10	42	Wall
wall	37	42	Wall
wall	75	142	Wall
wall	133	42	Wall
wall	168	42	Wall
warning	20	41	Warning sign for road conditions (hill,
warning	48	41	Warning sign for road conditions (hill,
warning	169	41	Warning sign for road conditions (hill,
warning	170	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	334	41	Warning sign for road conditions (hill,
warning	335	41	Warning sign for road conditions (hill,
wednesday	4	4	Wednesday
wednesday	50	4	Wednesday
week	4	*	ACCIDENT DAY OF WEEK
week	50	*	IMP ACCIDENT DAY OF WEEK
weight	33	*	WEIGHT
weight	82	*	WEIGHT
weight	108	66	Truck-tractor (cab only, or with any num
weight	157	*	WEIGHT
weight	158	66	Truck-tractor (cab only, or with any num
weight	220	*	WEIGHT
weight	320	*	WEIGHT
weird	25	36	Weird - the motorist or cyclist intentio
west	32	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
west	80	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
west	156	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
west	219	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
west	319	4	West (MT, ID, WA, OR, CA, NV, NM, AZ, UT
wet	19	2	Wet
wet	47	2	Wet
wet	147	2	Wet
wheel	25	40	Is the pedalcyclist riding a children's
wheel	136	3	Disabling vehicle failure (e.g. wheel fe
wheel	175	11	Wheels
wheel	176	11	Wheels
wheel	177	11	Wheels
wheel	178	11	Wheels
wheelchair	25	1220	Wheelchair: Backing vehicle
wheelchair	108	97	Other type vehicle (includes go-cart, fo
wheelchair	158	97	Other type vehicle (includes go-cart, fo
wheelchair	227	4	Paraplegic or restricted to wheelchair
wheelchair	228	4	Paraplegic or restricted to wheelchair

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Item	Var	CV	Variable Name or Code Value
wheelchair	327	4	Paraplegic or restricted to wheelchair
wheelchair	328	4	Paraplegic or restricted to wheelchair
wheeled	108	13	Three wheeled automobile or automobile d
wheeled	158	13	Three wheeled automobile or automobile d
white	105	82	Freightliner, White
wide	25	32	Cyclist swings wide
wind	20	43	Warning sign for environment/traffic (fo
wind	48	43	Warning sign for environment/traffic (fo
wind	169	43	Warning sign for environment/traffic (fo
wind	170	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	334	43	Warning sign for environment/traffic (fo
wind	335	43	Warning sign for environment/traffic (fo
windshield	179	14	Broken or improperly cleaned windshield
windshield	180	14	Broken or improperly cleaned windshield
windshield	181	14	Broken or improperly cleaned windshield
wiper	175	10	Wipers
wiper	176	10	Wipers
wiper	177	10	Wipers
wiper	178	10	Wipers
work	34	*	WORK ZONE
working	25	410	Working on roadway
working	329	29	Playing, working, sitting, lying, standi
working	330	29	Playing, working, sitting, lying, standi
working	331	29	Playing, working, sitting, lying, standi
working	332	29	Playing, working, sitting, lying, standi
working	333	29	Playing, working, sitting, lying, standi
wrangler	108	14	Compact utility (Jeep CJ2-CJ7, Scrambler
wrangler	158	14	Compact utility (Jeep CJ2-CJ7, Scrambler
wrong	25	21	Cyclist right turn, from wrong side of s
wrong	329	10	Driving on wrong side of road
wrong	330	10	Driving on wrong side of road
wrong	331	10	Driving on wrong side of road
wrong	332	10	Driving on wrong side of road
wrong	333	10	Driving on wrong side of road
yamaha	105	76	Yamaha
year	3	*	ACCIDENT DATE - YEAR
year	107	*	MODEL YEAR
year	162	*	IMPUTED MODEL YEAR
year	209	0	Less than one year old
year	221	0	Less than one year old
year	309	0	Less than one year old
year	321	0	Less than one year old
yield	20	22	Yield sign
yield	48	22	Yield sign
yield	165	6	Failure to yield right of way
yield	169	22	Yield sign
yield	170	22	Yield sign
yield	171	22	Yield sign
yield	172	22	Yield sign
yield	185	6	Failure to yield right-of-way
yield	186	6	Failure to yield right-of-way
yield	187	6	Failure to yield right-of-way
yield	188	6	Failure to yield right-of-way
yield	189	6	Failure to yield right-of-way
yield	329	7	Failure to yield right of way

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Item	Var	CV	Variable Name or Code Value
yield	330	7	Failure to yield right of way
yield	331	7	Failure to yield right of way
yield	332	7	Failure to yield right of way
yield	333	7	Failure to yield right of way
yield	334	22	Yield sign
yield	335	22	Yield sign
yugo	105	57	Yugo
yukon	108	15	Large utility (Jeep Cherokee 83 and befo
yukon	158	15	Large utility (Jeep Cherokee 83 and befo
zip	152	*	DRIVERS ZIP CODE
zone	20	23	School zone related sign
zone	34	*	WORK ZONE
zone	48	23	School zone related sign
zone	169	23	School zone related sign
zone	170	23	School zone related sign
zone	171	23	School zone related sign
zone	172	23	School zone related sign
zone	329	8	Failure to obey traffic signs, traffic c
zone	330	8	Failure to obey traffic signs, traffic c
zone	331	8	Failure to obey traffic signs, traffic c
zone	332	8	Failure to obey traffic signs, traffic c
zone	333	8	Failure to obey traffic signs, traffic c
zone	334	23	School zone related sign
zone	335	23	School zone related sign
2-door	108	2	2-door sedan, hardtop, coupe
2-door	158	2	2-door sedan, hardtop, coupe
2-way	15	0	Not physically divided (center 2-way lef
3-door	108	3	3-door/2-door hatchback
3-door	158	3	3-door/2-door hatchback
4-door	108	4	4-door sedan, hardtop
4-door	158	4	4-door sedan, hardtop
5-door	108	5	5-door/4-door hatchback
5-door	158	5	5-door/4-door hatchback

GES

APPENDIX

Code Values for Variable 141

"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		

