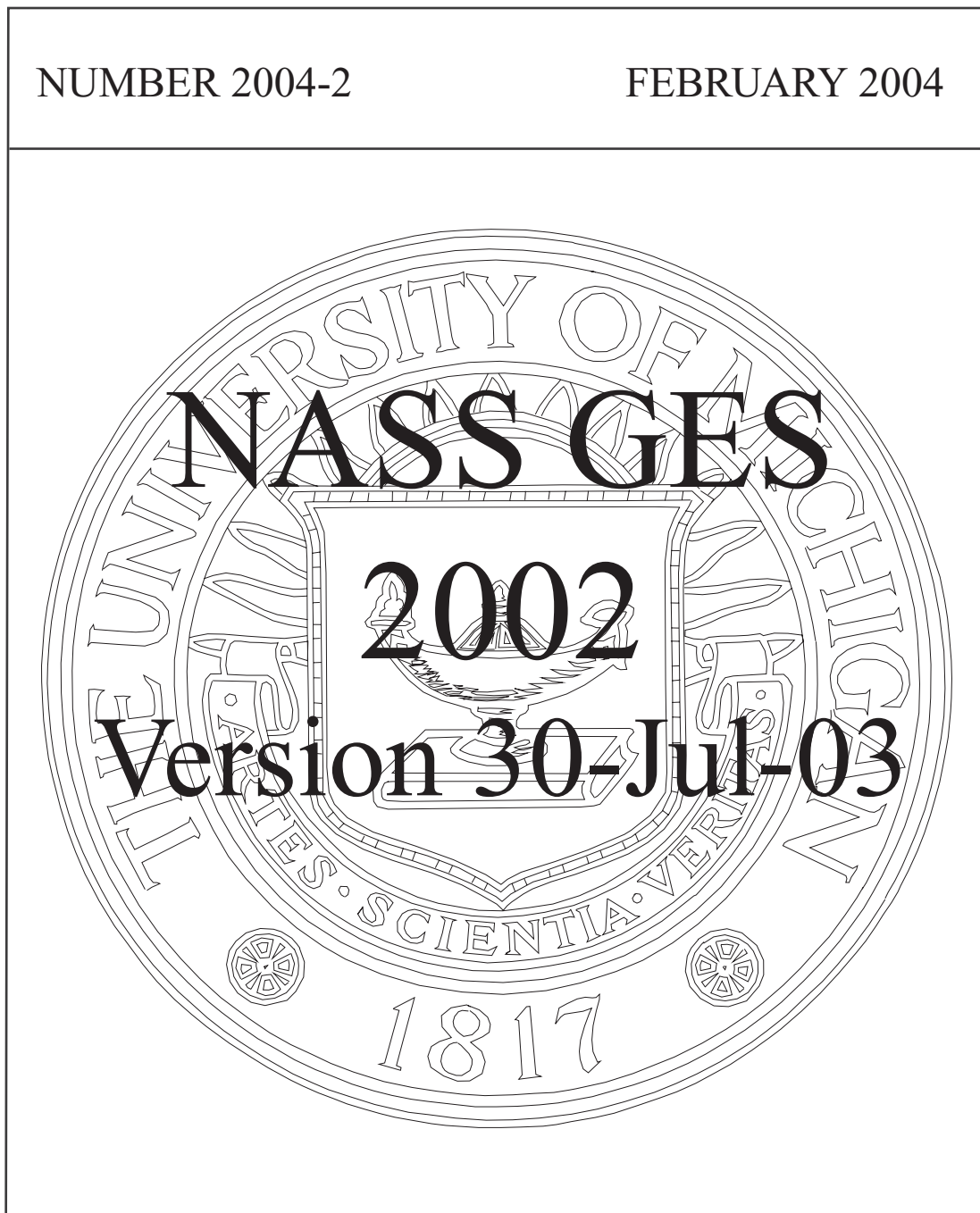


Transportation Data Center
Data Set Codebook

NUMBER 2004-2

FEBRUARY 2004



The University of Michigan
Transportation Research Institute

NASS General Estimates Systems (GES)

2002 Codebook - Version 30Jul03

Introduction

This codebook documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 2002. 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 July 30, 2003.

The data are a sample of the 2002 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 - 2002 File.

In the 2002 GES file there are 354 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	GES02ACC	54,291	1-50, 71-82
Vehicle	GES02VEH	96,424	1-50, 71-82, 101-189
Occupant	GES02OCC	136,362	1-50, 71-82, 101-189, 201-228
Nonmotorist	GES02NMT	3,252	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 GES02VEH, nonmotorist frequencies from GES02NMT, 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 - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a

medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.

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

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

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

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

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

While every effort has been made to provide accurate, reliable data, inconsistencies may arise from the source data or from the reformatting procedures used. Consequently, the Data Center cannot guarantee the accuracy of the data but will try to correct any discrepancies that are found. Please notify the Center of any errors or data inconsistencies that are uncovered, as well as any suggestions or comments that you may have concerning the codebook by calling 734-763-3230 or by emailing TDC-UMTRI@umich.edu.

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)
2002 - 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	1
5	ACCIDENT TIME - HOUR	2	Numeric	2
6	ACCIDENT TIME - MINUTE	2	Numeric	2
7	NUM VEH INVOLVED IN ACC	2	Numeric	3
8	NUM NMTR INVOLVED IN ACC	2	Numeric	3
9	LAND USE	1	Numeric	3
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	5
14	RELATION TO ROADWAY	2	Numeric	6
15	TRAFFICWAY FLOW	1	Numeric	6
16	NUMBER OF TRAVEL LANES	1	Numeric	7
17	ROADWAY ALIGNMENT	1	Numeric	7
18	ROADWAY PROFILE	1	Numeric	7
19	ROADWAY SURFACE COND	1	Numeric	8
20	TRAFFIC CONTROL DEVICE	2	Numeric	8
21	SPEED LIMIT	2	Numeric	9
22	LIGHT CONDITION	1	Numeric	9
23	ATMOSPHERIC CONDITION	1	Numeric	9
24	SCH BUS RELATED TO ACC	1	Numeric	10
25	PED/CYCLIST CRASH TYPE	4	Numeric	10
26	MAX INJ SEVERITY IN ACC	1	Numeric	15
27	NUM INJ PERSONS IN ACC	2	Numeric	15
28	ALCOHOL INVOLVED IN ACC	1	Numeric	16
29	POLICE JURISDICTION	3	Numeric	16
30	STRATUM	1	Numeric	16
31	PSU NUMBER	2	Numeric	17
32	REGION OF COUNTRY	1	Numeric	17
33	WEIGHT	7	Numeric	17
34	WORK ZONE	1	Numeric	17
35	IMP ALC INVOLVED IN ACC	1	Numeric	18
36	IMP ROADWAY ALIGNMENT	1	Numeric	18
37	IMP FIRST HARMFUL EVENT	2	Numeric	18
38	IMP ACCIDENT TIME - HOUR	2	Numeric	19
39	IMP LIGHT CONDITION	1	Numeric	20
40	IMP MANNER OF COLLISION	1	Numeric	20
41	IMP MAX INJ SEV. IN ACC	1	Numeric	21
42	IMP ACC TIME - MINUTE	2	Numeric	21
43	IMP NUM INJ PER IN ACC	2	Numeric	21
44	IMPUTED ROADWAY PROFILE	1	Numeric	21
45	IMP RELATION TO JUNCTION	2	Numeric	22
46	IMPUTED SPEED LIMIT	2	Numeric	22
47	IMP ROADWAY SURFACE COND	1	Numeric	22
48	IMP TRAFFIC CONTROL DEV	2	Numeric	23
49	IMP ATMOSPHERIC COND	1	Numeric	24
50	IMP ACCIDENT DAY OF WEEK	1	Numeric	24

General Estimates System (GES)
2002 - Crash Event

Variable Number	Variable Name	Width	Storage Type	Page Number
71	CASE NUMBER	12	Alphabetic	25
72	EVENT SEQUENCE NUMBER	2	Numeric	25
73	VEHICLE NUMBER	2	Numeric	25
74	GEN AREA DAMAGE-THIS VEH	2	Numeric	26
75	VEH #-OTH VEH/OBJ CONTAC	3	Numeric	26
76	GEN AREA OF DAM-OTH VEH	2	Numeric	28
77	POLICE JURISDICTION	3	Numeric	28
78	STRATUM	1	Numeric	28
79	PSU NUMBER	2	Numeric	29
80	REGION OF COUNTRY	1	Numeric	29
81	ACTION FOR THIS EVENT	1	Numeric	29
82	WEIGHT	7	Numeric	30

General Estimates System (GES)
2002 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE NUMBER	12	Alphabetic	31
102	VEHICLE NUMBER	2	Numeric	31
103	DRIVER PRESENCE	1	Numeric	32
104	HIT-AND-RUN	1	Numeric	32
105	MAKE	2	Numeric	32
106	MAKE/MODEL	5	Numeric	34
107	MODEL YEAR	4	Numeric	61
108	BODY TYPE	2	Numeric	61
109	CARGO BODY TYPE	2	Numeric	63
110	NO OF AXLES ON VEH/TRAIL	2	Numeric	64
111	VIN	11	Alphabetic	64
112	SPECIAL USE	2	Numeric	64
113	HAZ MATERIAL PLACARD NO	5	Numeric	65
114	HAZ MATERIALS PLACARDED	1	Numeric	65
115	HAZ MATERIALS RELEASE	1	Numeric	65
116	EMERGENCY USE	1	Numeric	66
117	CARRIER'S ID NUMBER	8	Numeric	66
118	NUM OCC INVOLVED IN VEH	2	Numeric	66
119	NUMBER OF OCCUPANTS	2	Numeric	66
120	TRAVEL SPEED	3	Numeric	67
121	VEHICLE TRAILERING	1	Numeric	67
122	JACKKNIFE	1	Numeric	67
123	ROLLOVER	2	Numeric	67
124	FIRE OCCURRENCE	1	Numeric	68
125	INITIAL POINT OF IMPACT	2	Numeric	68
126	DAMAGE AREA #1	1	Numeric	68
127	DAMAGE AREA #2	1	Numeric	69
128	DAMAGE AREA #3	1	Numeric	69
129	DAMAGE AREA #4	1	Numeric	69
130	DAMAGE AREA #5	1	Numeric	70
131	DAMAGE SEVERITY	1	Numeric	70
132	MANNER OF LEAVING SCENE	1	Numeric	70
133	MOST HARMFUL EVENT	2	Numeric	71
134	MHE EVENT NUMBER	2	Numeric	72
135	PRIOR TO CRITICAL EVENT	2	Numeric	72
136	CRITICAL EVENT	3	Numeric	73
137	CORRECTIVE ACTION ATTEMP	2	Numeric	74
138	PRECRASH VEHICLE CONTROL	2	Numeric	75
139	PRECRASH LOCATION	2	Numeric	75
140	VEHICLE ROLE	1	Numeric	76
141	ACCIDENT TYPE	2	Numeric	76
142	SPEED RELATED	1	Numeric	76
143	ROADWAY ALIGNMENT	1	Numeric	77
144	NUMBER OF TRAVEL LANES	1	Numeric	77
145	ROADWAY PROFILE	1	Numeric	77
146	SPEED LIMIT	2	Numeric	78
147	SURFACE CONDITION	1	Numeric	78
148	TRAFFICWAY FLOW	1	Numeric	78
149	MAX INJ SEVERITY IN VEH	1	Numeric	79
150	NUMBER INJURED IN VEH	2	Numeric	79

General Estimates System (GES)
2002 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	DRIVER DRINKING IN VEH	1	Numeric	79
152	DRIVERS ZIP CODE	5	Numeric	79
153	POLICE JURISDICTION	3	Numeric	80
154	STRATUM	1	Numeric	80
155	PSU NUMBER	2	Numeric	81
156	REGION OF COUNTRY	1	Numeric	81
157	WEIGHT	7	Numeric	81
158	IMPUTED BODY TYPE	2	Numeric	81
159	IMPUTED HIT-AND-RUN	1	Numeric	83
160	IMP INIT POINT OF IMPACT	2	Numeric	84
161	IMP PRIOR TO CRIT EVENT	2	Numeric	84
162	IMPUTED MODEL YEAR	4	Numeric	85
163	IMP MAX INJ SEV IN VEH	1	Numeric	85
164	IMP NUM INJURED IN VEH	2	Numeric	85
165	IMP VIOLATIONS CHARGED	2	Numeric	86
166	IMPUTED VEHICLE ROLE	1	Numeric	86
167	IMP ALC INVOLVED IN VEH	1	Numeric	86
168	IMP MOST HARMFUL EVENT	2	Numeric	87
169	TRAFFIC CONTRL DEVICE #1	2	Numeric	88
170	TRAFFIC CONTRL DEVICE #2	2	Numeric	89
171	TRAFFIC CONTRL DEVICE #3	2	Numeric	90
172	TRAFFIC CONTRL DEVICE #4	2	Numeric	91
173	DRVR MANEUVER TO AVOID#1	2	Numeric	92
174	DRVR MANEUVER TO AVOID#2	2	Numeric	92
175	VEHICLE CONTRIB FACTOR#1	2	Numeric	92
176	VEHICLE CONTRIB FACTOR#2	2	Numeric	93
177	VEHICLE CONTRIB FACTOR#3	2	Numeric	94
178	VEHICLE CONTRIB FACTOR#4	2	Numeric	94
179	VISION OBSCURED BY #1	2	Numeric	95
180	VISION OBSCURED BY #2	2	Numeric	95
181	VISION OBSCURED BY #3	2	Numeric	96
182	DRIVER DISTRACTED BY #1	2	Numeric	97
183	DRIVER DISTRACTED BY #2	2	Numeric	97
184	DRIVER DISTRACTED BY #3	2	Numeric	98
185	DRVR VIOLATNS CHARGED #1	2	Numeric	98
186	DRVR VIOLATNS CHARGED #2	2	Numeric	99
187	DRVR VIOLATNS CHARGED #3	2	Numeric	99
188	DRVR VIOLATNS CHARGED #4	2	Numeric	100
189	DRVR VIOLATNS CHARGED #5	2	Numeric	100

General Estimates System (GES)
2002 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	12	Alphabetic	101
202	VEHICLE NUMBER	2	Numeric	101
203	OCCUPANT NUMBER	2	Numeric	101
204	OCCUPANT TYPE	1	Numeric	102
205	OCC SEATING POSITION	2	Numeric	102
206	OCC RESTRAINT SYSTEM USE	1	Numeric	102
207	AIRBAG AVAIL/FUNCTION	1	Numeric	103
208	OCCUPANT EJECTION	1	Numeric	103
209	OCCUPANT AGE	3	Numeric	103
210	OCCUPANT SEX	1	Numeric	104
211	OCC INJURY SEVERITY	1	Numeric	104
212	TAKEN TO HOSP/TREATMENT	1	Numeric	104
213	PAR ALCOHOL INVOLVEMENT	1	Numeric	104
214	PAR DRUG INVOLVEMENT	1	Numeric	105
215	FILLER	2	Numeric	105
216	POLICE JURISDICTION	3	Numeric	105
217	STRATUM	1	Numeric	105
218	PSU NUMBER	2	Numeric	106
219	REGION OF COUNTRY	1	Numeric	106
220	WEIGHT	7	Numeric	106
221	IMPUTED OCCUPANT AGE	3	Numeric	107
222	IMP PAR ALC INVOLVEMENT	1	Numeric	107
223	IMPUT OCCUPANT EJECTION	1	Numeric	107
224	IMP OCC INJURY SEVERITY	1	Numeric	108
225	IMP OCC SEATING POSITION	2	Numeric	108
226	IMPUTED OCCUPANT SEX	1	Numeric	108
227	PHYSICAL IMPAIRMENT #1	2	Numeric	109
228	PHYSICAL IMPAIRMENT #2	2	Numeric	109

General Estimates System (GES)
2002 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	12	Alphabetic	111
302	VEH STRIKING NUMBER NMTR	2	Numeric	111
303	NONMOTORIST NUMBER	2	Numeric	111
304	NONMOTORIST TYPE	1	Numeric	111
305	FILLER	2	Numeric	112
306	FILLER	1	Numeric	112
307	FILLER	1	Numeric	112
308	FILLER	1	Numeric	112
309	NONMOTORIST AGE	3	Numeric	112
310	NONMOTORIST SEX	1	Numeric	112
311	NMTR INJURY SEVERITY	1	Numeric	113
312	TAKEN TO HOSP/TREATMENT	1	Numeric	113
313	PAR ALCOHOL INVOLVEMENT	1	Numeric	113
314	PAR DRUG INVOLVEMENT	1	Numeric	113
315	NMTR LOCATION	2	Numeric	114
316	POLICE JURISDICTION	3	Numeric	114
317	STRATUM	1	Numeric	114
318	PSU NUMBER	2	Numeric	115
319	REGION OF COUNTRY	1	Numeric	115
320	WEIGHT	7	Numeric	116
321	IMPUTED NONMOTORIST AGE	3	Numeric	116
322	IMP PAR ALC INVOLVEMENT	1	Numeric	116
323	FILLER	1	Numeric	116
324	IMP NMTR INJURY SEVERITY	1	Numeric	116
325	FILLER	2	Numeric	117
326	IMPUTED NONMOTORIST SEX	1	Numeric	117
327	PHYSICAL IMPAIRMENT #1	2	Numeric	117
328	PHYSICAL IMPAIRMENT #2	2	Numeric	118
329	NONMOTORIST ACTION #1	2	Numeric	118
330	NONMOTORIST ACTION #2	2	Numeric	119
331	NONMOTORIST ACTION #3	2	Numeric	120
332	NONMOTORIST ACTION #4	2	Numeric	120
333	NONMOTORIST ACTION #5	2	Numeric	121
334	BICYCL TRAF CNTRL DEVC#1	2	Numeric	122
335	BICYCL TRAF CNTRL DEVC#2	2	Numeric	123
336	SAFETY EQUIPMENT USED #1	2	Numeric	124
337	SAFETY EQUIPMENT USED #2	2	Numeric	124

The ACCIDENT Variables

Variables 1 through 50 describe the accident. They are included in the Accident, Vehicle, Occupant, and Non-motorist data sets. The Accident data set contains these variables and no others.

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

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

30Jul03 Prcnt Code Value and Description

4339	8.0	1	January
3891	7.2	2	February
4598	8.5	3	March
4340	8.0	4	April
4668	8.6	5	May
4490	8.3	6	June
4565	8.4	7	July
4538	8.4	8	August
4507	8.3	9	September
4887	9.0	10	October
4694	8.6	11	November
4774	8.8	12	December

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

30Jul03 Prcnt Code Value and Description

54291	100.0	2002	2002
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Variable 4	ACCIDENT DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

30Jul03 Prcnt Code Value and Description

5823	10.7	1	Sunday
8012	14.8	2	Monday
7910	14.6	3	Tuesday
7963	14.7	4	Wednesday
7936	14.6	5	Thursday

Variable 4: ACCIDENT DAY OF WEEK (Continued)

30Jul03 Prcnt Code Value and Description

9339	17.2	6	Friday
7308	13.5	7	Saturday

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

Crash time - hour

30Jul03 Prcnt Code Value and Description

1144	2.1	0	12:01 am - 12:59 am
1081	2.0	1	1:00 am - 1:59 am
1076	2.0	2	2:00 am - 2:59 am
770	1.4	3	3:00 am - 3:59 am
664	1.2	4	4:00 am - 4:59 am
914	1.7	5	5:00 am - 5:59 am
1526	2.8	6	6:00 am - 6:59 am
2725	5.0	7	7:00 am - 7:59 am
2537	4.7	8	8:00 am - 8:59 am
2300	4.2	9	9:00 am - 9:59 am
2327	4.3	10	10:00 am - 10:59 am
2760	5.1	11	11:00 am - 11:59 am
3246	6.0	12	12:00 pm - 12:59 pm
3180	5.9	13	1:00 pm - 1:59 pm
3500	6.4	14	2:00 pm - 2:59 pm
3972	7.3	15	3:00 pm - 3:59 pm
3958	7.3	16	4:00 pm - 4:59 pm
4211	7.8	17	5:00 pm - 5:59 pm
3205	5.9	18	6:00 pm - 6:59 pm
2184	4.0	19	7:00 pm - 7:59 pm
1842	3.4	20	8:00 pm - 8:59 pm
1865	3.4	21	9:00 pm - 9:59 pm
1659	3.1	22	10:00 pm - 10:59 pm
1399	2.6	23	11:00 pm - 11:59 pm
33	0.1	24	12:00 Midnight
213	0.4	99	Unknown

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

Crash time - minute

30Jul03 Prcnt Code Value and Description

4578	8.4	0	- Minute
452	0.8	59	
216	0.4	99	Unknown

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

Number of vehicles involved

30Jul03	Prcnt	Code	Value and Description
18423	33.9	1	1 vehicle involved
30998	57.1	2	2 vehicles involved
3856	7.1	3	3 vehicles involved
777	1.4	4	4 vehicles involved
168	0.3	5	5 vehicles involved
43	0.1	6	6 vehicles involved
16	0.0	7	7 vehicles involved
4	0.0	8	8 vehicles involved
1	0.0	9	9 vehicles involved
2	0.0	10	10 vehicles involved
1	0.0	11	11 vehicles involved
1	0.0	14	14 vehicles involved
1	0.0	33	33 vehicles involved

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

Number of nonmotorists involved

30Jul03	Prcnt	Code	Value and Description
51255	94.4	0	0 nonmotorists involved
2872	5.3	1	1 nonmotorist involved
129	0.2	2	2 nonmotorists involved
22	0.0	3	3 nonmotorists involved
11	0.0	4	4 nonmotorists involved
2	0.0	6	6 nonmotorists involved

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

30Jul03	Prcnt	Code	Value and Description
9780	18.0	1	Within area of population 25,000-50,000
4241	7.8	2	Within area of population 50,000-100,000
21606	39.8	3	Within area of population 100,000+
18663	34.4	8	Other area
1	0.0	9	Unknown

Variable 10	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99
30Jul03 Prcnt	Code Value and Description		
	Noncollision		
2145 4.0	1 Rollover/Overturn		
44 0.1	2 Fire/Explosion		
13 0.0	3 Immersion		
0 0.0	4 Gas inhalation		
104 0.2	5 Jackknife		
85 0.2	6 Noncollision injury (injured in or fell from vehicle)		
7 0.0	7 Pavement Surface Irregularity (ruts, potholes, grates, etc.)		
343 0.6	8 Other noncollision		
5 0.0	9 Noncollision - no details		
10 0.0	10 Thrown or falling object		
	Collision with Object Not Fixed		
1558 2.9	21 Pedestrian		
1120 2.1	22 Cycle or cyclist (pedalcycle or pedalcyclist)		
33 0.1	23 Railway train		
1189 2.2	24 Animal		
35020 64.5	25 Motor vehicle in transport		
1677 3.1	26 Parked motor vehicle (or other mv not in transport)		
66 0.1	27 Other type nonmotorist		
318 0.6	28 Other object not fixed		
12 0.0	29 Object not fixed - no details		
	Collision with Fixed Object		
57 0.1	31 Ground		
93 0.2	32 Building		
37 0.1	33 Impact attenuator or crash cushion		
247 0.5	34 Bridge structure (pier/abutment/parapet end/rail)		
1185 2.2	35 Guardrail		
921 1.7	36 Concrete traffic barrier or other longitudinal barrier type		
2097 3.9	37 Sign post, utility pole or other support		
1436 2.6	38 Culvert or ditch		
722 1.3	39 Curb		
598 1.1	40 Embankment		
443 0.8	41 Fence		
168 0.3	42 Wall		
88 0.2	43 Fire hydrant		
86 0.2	44 Shrubbery or bush		
1694 3.1	45 Tree		
89 0.2	46 Boulder		
500 0.9	58 Other fixed object		
48 0.1	59 Fixed object - no details		
33 0.1	99 Unknown		

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

30Jul03 Prcnt Code Value and Description

19271	35.5	0	Not collision with motor vehicle in transport
13069	24.1	1	Rear-end
1828	3.4	2	Head-on
10	0.0	3	Rear-to-rear
16802	30.9	4	Angle
2720	5.0	5	Sideswipe, same direction
503	0.9	6	Sideswipe, opposite direction
88	0.2	9	Unknown

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

30Jul03 Prcnt Code Value and Description

47386	87.3	0	No
6892	12.7	1	Yes
13	0.0	9	Unknown

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

30Jul03 Prcnt Code Value and Description

Non-Interchange Area

24360	44.9	0	Non-junction
13554	25.0	1	Intersection
8597	15.8	2	Intersection related
4257	7.8	3	Driveway, alley access, etc.
68	0.1	4	Entrance/exit ramp
113	0.2	5	Rail grade crossing
312	0.6	6	On a bridge
95	0.2	7	Crossover related
135	0.2	8	Other, non-interchange
257	0.5	9	Unknown, non-interchange

Interchange Area

513	0.9	10	Non-junction
214	0.4	11	Intersection
117	0.2	12	Intersection related
2	0.0	13	Driveway alley access, etc.
1531	2.8	14	Entrance/exit ramp
55	0.1	16	On a bridge
5	0.0	17	Crossover related
19	0.0	18	Other location in interchange
18	0.0	19	Unknown, interchange area

Variable 13:RELATION TO JUNCTION (Continued)

30Jul03	Prcnt	Code	Value and Description
			Unknown if Interchange or Noninterchange
69	0.1	99	Unknown if interchange

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

Indicates the location of the first harmful event

30Jul03	Prcnt	Code	Value and Description
40275	74.2	1	On roadway
423	0.8	2	On shoulder
1818	3.3	3	On median
8092	14.9	4	On roadside
1279	2.4	5	Outside trafficway
674	1.2	6	Off roadway - location unknown
1374	2.5	7	In parking lane
124	0.2	8	Gore
80	0.1	9	Continuous Left Turn Lane
63	0.1	10	Separator
89	0.2	99	Unknown

Variable 15	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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.

30Jul03	Prcnt	Code	Value and Description
27588	50.8	1	Not physically divided (two way trafficway)
17077	31.5	2	Divided highway (median strip, barrier, etc.)
2390	4.4	3	One way trafficway
7236	13.3	9	Unknown

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

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.

30Jul03 Prcnt Code Value and Description

1086	2.0	1	One lane
21957	40.4	2	Two lanes
7373	13.6	3	Three lanes
6871	12.7	4	Four lanes
4480	8.3	5	Five lanes
649	1.2	6	Six lanes
461	0.8	7	Seven or more lanes
11414	21.0	9	Unknown

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

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.

30Jul03 Prcnt Code Value and Description

38754	71.4	1	Straight
6901	12.7	2	Curve
8636	15.9	9	Unknown

Variable 18 ROADWAY PROFILE Width: 1 Type: Numeric
Dec: None Miss: 9

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.

30Jul03 Prcnt Code Value and Description

29375	54.1	1	Level
8561	15.8	2	Grade
758	1.4	3	Hillcrest
140	0.3	8	Sag
15457	28.5	9	Unknown

Variable 19	ROADWAY SURFACE COND	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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.

30Jul03	Prcnt	Code	Value and Description
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42699	78.6	1	Dry
8758	16.1	2	Wet
1063	2.0	3	Snow or slush
1039	1.9	4	Ice
68	0.1	5	Sand, dirt, oil
63	0.1	8	Other
601	1.1	9	Unknown

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

30Jul03	Prcnt	Code	Value and Description
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33494	61.7	0	No controls
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Not at Railroad Grade Crossing

Trafficway Traffic Signals

11005	20.3	1	Traffic control signal (on colors)
294	0.5	4	Flashing traffic control signal or flashing beacon
21	0.0	8	Other traffic signal
6	0.0	9	Unknown traffic signal

Regulatory, School Zone Signs:

5743	10.6	21	Stop sign
523	1.0	22	Yield sign
8	0.0	23	School zone related sign
135	0.2	28	Other sign
5	0.0	29	Unknown sign

Warning Sign

260	0.5	40	Advisory speed sign
66	0.1	41	Warning sign for road conditions (hill, steep grade, etc.)
271	0.5	42	Warning sign for road construction
1	0.0	43	Warning sign for environment / traffic (fog ahead, wind, crash ahead)
142	0.3	49	Unknown type warning sign

Miscellaneous not at Railroad Crossing:

137	0.3	51	Officer, crossing guard, flagman, etc.
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Variable 20: TRAFFIC CONTROL DEVICE (Continued)

30Jul03	Prcnt	Code	Value and Description
			At Railroad Grade Crossing
44	0.1	61	Active devices (gates, flashing lights, traffic signal)
30	0.1	62	Passive devices (stop sign, cross-bucks)
			Other/Unknown
87	0.2	97	Traffic control present - no details
316	0.6	98	Other traffic control (whether or not at RR grade crossing)
1703	3.1	99	Unknown

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

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

30Jul03	Prcnt	Code	Value and Description
179	0.3	0	No statutory limit (parking lot, alley, etc.)
10	0.0	5	- Actual posted speed limit in miles per hour
286	0.5	75	
7609	14.0	99	Unknown

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

30Jul03	Prcnt	Code	Value and Description
36336	66.9	1	Daylight
6484	11.9	2	Dark
9061	16.7	3	Dark, but lighted
835	1.5	4	Dawn
1181	2.2	5	Dusk
394	0.7	9	Unknown

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

30Jul03	Prcnt	Code	Value and Description
45852	84.5	1	No adverse atmospheric related driving conditions
5922	10.9	2	Rain
161	0.3	3	Sleet
1328	2.4	4	Snow

Variable 23:ATMOSPHERIC CONDITION (Continued)

30Jul03	Prcnt	Code	Value and Description
173	0.3	5	Fog
15	0.0	6	Rain and fog
6	0.0	7	Sleet and fog
141	0.3	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
693	1.3	9	Unknown

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

Was a school bus directly or indirectly involved?

30Jul03	Prcnt	Code	Value and Description
54072	99.6	0	No
219	0.4	1	Yes

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

Pedestrian/Cyclist crash type

30Jul03	Prcnt	Code	Value and Description
51456	94.8	0	No pedestrian/cyclist involved
24	0.0	1	Ride out, residential driveway
18	0.0	2	Ride out, commercial driveway
18	0.0	3	Ride-out from sidewalk
73	0.1	4	Ride out, midblock
65	0.1	5	Ride out, stop sign
4	0.0	6	Trapped
3	0.0	7	Multiple threat
48	0.1	8	Drive out, driveway / alley
100	0.2	9	Drive out, stop sign
36	0.1	10	Right on red
13	0.0	11	The crash involves a motor vehicle which is backing
17	0.0	12	Drive through
22	0.0	13	Motorist overtakes undetected cyclist
4	0.0	14	Motorist lost control
1	0.0	15	Motorist overtaking, counteractive evasive actions
13	0.0	16	Motorist overtaking, misjudges passing space
3	0.0	17	Motorist overtaking cyclist, path obstructed
35	0.1	18	Cyclist left turn, in front of traffic
7	0.0	19	Cyclist left turn, facing traffic
5	0.0	20	Cyclist lost control
3	0.0	21	Cyclist right turn, from wrong side of street
17	0.0	22	Motorist left turn, in front of cyclist

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
	77 0.1	23	Motorist left turn, facing cyclist
	66 0.1	24	Motorist right turn, in front of cyclist
	13 0.0	25	Uncontrolled intersection, other
	15 0.0	26	Wrong-way cyclist
	6 0.0	27	Cyclist overtaking
	0 0.0	28	Wrong-way motorist
	22 0.0	29	Parking lot, open area, or another nonroadway location
	1 0.0	30	Head-on, counteractive evasive actions
	4 0.0	31	Cyclist cuts corner
	3 0.0	32	Cyclist swings wide
	11 0.0	33	Motorist cuts corner
	14 0.0	34	Motorist swings wide
	3 0.0	35	Drive out - on street parking
	4 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
	30 0.1	39	Motorist overtaking
	8 0.0	40	Is the pedalcyclist riding a children's vehicle? (big wheel, other tricycle, or bicycle with training wheels)
	2 0.0	41	Cyclist strikes parked vehicle
	28 0.1	48	Drive out, intersection
	135 0.2	49	Ride out, intersection
	55 0.1	55	Controlled intersection, other
	20 0.0	97	Unknown if approach paths are parallel or crossing
	44 0.1	98	Parallel path 7 - No way of knowing which parallel path 1-6 is true
	36 0.1	99	Crossing path 8 - No way of knowing which crossing path 1-7 is true
	19 0.0	110	Commercial bus related
	6 0.0	120	School bus related
	11 0.0	130	Vendor / ice cream vendor
	2 0.0	140	Mailbox related
	18 0.0	150	Exiting / entering
	37 0.1	210	Driverless vehicle
	64 0.1	220	Backing vehicle
	2 0.0	230	Hot pursuit
	6 0.0	310	Walking to or from disabled vehicle
	15 0.0	320	Disabled vehicle related
	7 0.0	330	Emergency / police vehicle related
	28 0.1	410	Working on roadway
	40 0.1	420	Play vehicle related
	22 0.0	430	Playing in roadway
	1 0.0	510	Hitchhiking
	12 0.0	520	Expressway crossing
	56 0.1	531	Walking along roadway - with traffic
	21 0.0	532	Walking along roadway - against traffic
	8 0.0	539	Walking along roadway - can't specify
	9 0.0	610	Pedestrian waiting to cross at / near curb
	61 0.1	620	Pedestrian not in roadway
	19 0.0	710	Multiple threat - at intersection
	284 0.5	720	Vehicle turn / merge

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
83	0.2	730	Intersection dash
6	0.0	740	Trapped
26	0.0	750	Pedestrian walks into vehicle - at intersection
66	0.1	760	Intersection, driver violation
255	0.5	790	Intersection - other
9	0.0	810	Multiple threat - at midblock
55	0.1	821	Dart-out - first half
18	0.0	822	Dart-out - second half
8	0.0	829	Dart-out - can't specify
106	0.2	830	Midblock dash
18	0.0	840	Pedestrian walks into vehicle - midblock
265	0.5	890	Midblock - other
19	0.0	910	Other - weird
21	0.0	920	Inadequate information
Wheelchair Pedestrian Crash Types			
1	0.0	1531	Wheelchair: Walking or running along roadway - with traffic
1	0.0	1532	Wheelchair: Walking or running along roadway - against traffic
3	0.0	1790	Wheelchair: Intersection / other
1	0.0	1890	Wheelchair: Midblock - other

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

Category 1 - Pedestrian Crash Types

- 110 Commercial bus related
- 120 School bus related
- 130 Vendor / ice cream vendor
- 140 Mailbox related
- 150 Exiting / entering

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

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

30Jul03 Prcnt Code Value and Description

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

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 The crash involves a motor vehicle which is backing

Specific circumstances - Not on a roadway

29 Parking lot, open area, or another nonroadway location

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

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

30Jul03 Prcnt	Code Value and Description
	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 th
	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
	3 Ride-out from sidewalk
	18 Cyclist left turn, in front of traffic
	19 Cyclist left turn, facing traffic
	21 Cyclist right turn, from wrong side of street
	Parallel path 3 (operator is on the wrong side of the street)
	30 Head-on, counteractive evasive actions
	28 Wrong-way motorist
	26 Wrong-way cyclist
	Parallel path 4 (motorist is overtaking the cyclist)
	13 Motorist overtakes undetected cyclist
	15 Motorist overtaking, counteractive evasive actions
	16 Motorist overtaking, misjudges passing space
	17 Motorist overtaking cyclist, path obstructed
	39 Motorist overtaking
	Parallel path 5 (cyclist is overtaking a motor vehicle)
	27 Cyclist overtaking
	41 Cyclist strikes parked vehicle
	Parallel path 6 (operator loss control and inadvertently swer
	14 Motorist lost control
	20 Cyclist lost control
	Crossing path 1 (cyclist does not clear intersection before l
	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, midb
	1 Ride out, residential driveway
	2 Ride out, commercial driveway

Variable 25: PED/CYCLIST CRASH TYPE (Continued)

30Jul03 Prcnt	Code	Value and Description
	4	Ride out, midblock
		Crossing path 4 (cyclist fails to yield to the motorist, at a
	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

Maximum injury severity in crash

30Jul03 Prcnt	Code	Value and Description
21974 40.5	0	No injury
8678 16.0	1	Possible injury
10480 19.3	2	Nonincapacitating
10784 19.9	3	Incapacitating
1234 2.3	4	Fatal
165 0.3	5	Injured, unknown severity
5 0.0	6	Died prior
42 0.1	8	No person involved in crash
929 1.7	9	Unknown if injured

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

Number of injured persons in crash

30Jul03 Prcnt	Code	Value and Description
21979 40.5	0	No person injured / property damage only crash
19714 36.3	1	- Actual number of people injured
1 0.0	71	
42 0.1	98	No person coded
929 1.7	99	Unknown

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

Was alcohol usage involved in the crash?

30Jul03	Prcnt	Code	Value and Description
4475	8.2	1	Alcohol involved
46583	85.8	2	No alcohol involved
53	0.1	8	No person coded
3180	5.9	9	Unknown

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

Police Jurisdiction codes repeated in each PSU.

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

30Jul03	Prcnt	Code	Value and Description
8706	16.0	1	Group 1L - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.
8170	15.0	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
6891	12.7	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
10858	20.0	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.

Variable 30:STRATUM (Continued)

30Jul03 Prcnt Code Value and Description

5849	10.8	5	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.
13817	25.4	6	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.

Variable 31	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

30Jul03 Prcnt Code Value and Description

7579	14.0	1	Northeast
12858	23.7	2	Midwest
23536	43.4	3	South
10318	19.0	4	West

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

Variable 34	WORK ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: None

30Jul03 Prcnt Code Value and Description

53181	98.0	0	No
1110	2.0	1	Yes

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

Imputed alcohol involved in crash

This variable was imputed by NHTSA

30Jul03 Prcnt	Code Value and Description
5225 9.6	1 Alcohol involved
49066 90.4	2 No alcohol involved

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

This variable was imputed by NHTSA

30Jul03 Prcnt	Code Value and Description
46265 85.2	1 Straight
8026 14.8	2 Curve

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

This variable was imputed by NHTSA

30Jul03 Prcnt	Code Value and Description
	Noncollision
2147 4.0	1 Rollover/overturn
44 0.1	2 Fire/explosion
13 0.0	3 Immersion
0 0.0	4 Gas inhalation
104 0.2	5 Jackknife
85 0.2	6 Noncollision injury (injured in vehicle, or fell from vehicle)
7 0.0	7 Pavement Surface Irregularity (ruts, potholes, grates, etc.)
344 0.6	8 Other noncollision
5 0.0	9 Noncollision - no details
10 0.0	10 Thrown or falling object

Variable 37:IMP FIRST HARMFUL EVENT (Continued)

30Jul03	Prcnt	Code	Value and Description
Collision with Object Not Fixed			
1558	2.9	21	Pedestrian
1120	2.1	22	Cycle or cyclist (pedalcycle or pedalcyclist)
35	0.1	23	Railway train
1194	2.2	24	Animal
35020	64.5	25	Motor vehicle in transport
1683	3.1	26	Parked motor vehicle (or other mv not in transport)
66	0.1	27	Other type nonmotorist
319	0.6	28	Other object not fixed
12	0.0	29	Object not fixed - no details
Collision with Fixed Object			
57	0.1	31	Ground
93	0.2	32	Building
37	0.1	33	Impact attenuator or crash cushion
247	0.5	34	Bridge Structure (pier/abutment/parapet end/rail)
1187	2.2	35	Guardrail
922	1.7	36	Concrete traffic barrier or other longitudinal barrier type
2101	3.9	37	Post, pole or support (sign post, utility post)
1438	2.6	38	Culvert or ditch
723	1.3	39	Curb
599	1.1	40	Embankment
444	0.8	41	Fence
168	0.3	42	Wall
88	0.2	43	Fire hydrant
87	0.2	44	Shrubbery or bush
1696	3.1	45	Tree
89	0.2	46	Boulder
0	0.0	50	Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
501	0.9	58	Other fixed object
48	0.1	59	Fixed object - no details

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
1148	2.1	0	12:01 am - 12:59 am
1084	2.0	1	1:00 am - 1:59 am
1079	2.0	2	2:00 am - 2:59 am
772	1.4	3	3:00 am - 3:59 am
666	1.2	4	4:00 am - 4:59 am
917	1.7	5	5:00 am - 5:59 am
1532	2.8	6	6:00 am - 6:59 am
2736	5.0	7	7:00 am - 7:59 am
2546	4.7	8	8:00 am - 8:59 am

Variable 38:IMP ACCIDENT TIME - HOUR (Continued)

30Jul03	Prcnt	Code	Value and Description
2309	4.3	9	9:00 am - 9:59 am
2336	4.3	10	10:00 am - 10:59 am
2771	5.1	11	11:00 am - 11:59 am
3260	6.0	12	12:00 pm - 12:59 pm
3193	5.9	13	1:00 pm - 1:59 pm
3514	6.5	14	2:00 pm - 2:59 pm
3989	7.3	15	3:00 pm - 3:59 pm
3975	7.3	16	4:00 pm - 4:59 pm
4229	7.8	17	5:00 pm - 5:59 pm
3219	5.9	18	6:00 pm - 6:59 pm
2193	4.0	19	7:00 pm - 7:59 pm
1849	3.4	20	8:00 pm - 8:59 pm
1872	3.4	21	9:00 pm - 9:59 pm
1665	3.1	22	10:00 pm - 10:59 pm
1404	2.6	23	11:00 pm - 11:59 pm
33	0.1	24	12:00 Midnight

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
36610	67.4	1	Daylight
6530	12.0	2	Dark
9120	16.8	3	Dark, but lighted
841	1.5	4	Dawn
1190	2.2	5	Dusk

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
19271	35.5	0	Not collision with vehicle in transport
13123	24.2	1	Rear-end
1830	3.4	2	Head-on
10	0.0	3	Rear-to-rear
16828	31.0	4	Angle
2725	5.0	5	Sideswipe, same direction
504	0.9	6	Sideswipe, opposite direction
0	0.0	8	Other

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
22619	41.7	0	No injury
8823	16.3	1	Possible injury
10576	19.5	2	Nonincapacitating
10787	19.9	3	Incapacitating
1273	2.3	4	Fatal
166	0.3	5	Unknown injury severity
5	0.0	6	Died prior
42	0.1	8	No person coded in crash

<u>Variable 42</u>	<u>IMP ACC TIME - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
4599	8.5	0	- Minute
454	0.8	59	

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
22666	41.7	0	No person injured / property damage only crash
19793	36.5	1	- Actual number of people injured
1	0.0	71	

<u>Variable 44</u>	<u>IMPUTED ROADWAY PROFILE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
41174	75.8	1	Level
11878	21.9	2	Grade
1047	1.9	3	Hillcrest
192	0.4	8	Sag

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
Non-Interchange Area			
24363	44.9	0	Non-junction
13555	25.0	1	Intersection
8598	15.8	2	Intersection related
4257	7.8	3	Driveway, alley access, etc.
68	0.1	4	Entrance/exit ramp
113	0.2	5	Rail grade crossing
629	1.2	6	On a bridge
95	0.2	7	Crossover related
136	0.3	8	Other, non-interchange
Interchange Area			
516	1.0	10	Non-junction
215	0.4	11	Intersection
117	0.2	12	Intersection related
2	0.0	13	Driveway alley access, etc.
1531	2.8	14	Entrance/exit ramp
69	0.1	16	On a bridge
8	0.0	17	Crossover related
19	0.0	18	Other location in interchange

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
209	0.4	0	No statutory limit (parking lot, alley, etc.)
17	0.0	5	
		-	Actual speed limit
299	0.6	75	

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
42719	78.7	1	Dry
9309	17.1	2	Wet
1069	2.0	3	Snow or slush
1039	1.9	4	Ice
91	0.2	5	Sand, dirt, oil

Variable 47:IMP ROADWAY SURFACE COND (Continued)

30Jul03 Prcnt Code Value and Description

64 0.1 8 Other

Variable 48 IMP TRAFFIC CONTROL DEV Width: 2 Type: Numeric
Dec: None Miss: None

Imputed traffic control device

This variable was imputed by NHTSA

30Jul03 Prcnt Code Value and Description

33532 61.8 0 No controls

Not at Railroad Grade Crossing

11005 20.3 1 Traffic control signal (on colors)
294 0.5 4 Flashing traffic control signal or flashing beacon
21 0.0 8 Other traffic signal
6 0.0 9 Unknown traffic signal

Regulatory, School Zone or Warning Signs:

5743 10.6 21 Stop sign
523 1.0 22 Yield sign
8 0.0 23 School zone related sign
135 0.2 28 Other sign
5 0.0 29 Unknown sign

Warning Sign

260 0.5 40 Advisory speed sign
66 0.1 41 Warning sign for road conditions (hill, steep grade,
etc.)
271 0.5 42 Warning sign for road construction
1 0.0 43 Warning sign for environment/traffic (fog ahead, wind,
crash ahead)
142 0.3 49 Unknown type warning

Miscellaneous not at Railroad Crossing:

137 0.3 51 Officer, crossing guard, flagman, etc.

At Railroad Grade Crossing

45 0.1 61 Active devices (gates, flashing lights, traffic signal)
30 0.1 62 Passive devices (stop sign, cross-bucks)

Other/Unknown

94 0.2 97 Traffic control present - no details
1973 3.6 98 Other traffic control (whether or not at RR grade
crossing)

<u>Variable 49</u>	<u>IMP ATMOSPHERIC COND</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
46441	85.5	1	No adverse atmospheric related driving conditions
5928	10.9	2	Rain
161	0.3	3	Sleet
1328	2.4	4	Snow
269	0.5	5	Fog
15	0.0	6	Rain and fog
6	0.0	7	Sleet and fog
143	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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
5823	10.7	1	Sunday
8012	14.8	2	Monday
7910	14.6	3	Tuesday
7963	14.7	4	Wednesday
7936	14.6	5	Thursday
9339	17.2	6	Friday
7308	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.

<u>Variable 71</u>	<u>CASE NUMBER</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

<u>Variable 72</u>	<u>EVENT SEQUENCE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Chronological sequence of events in the accident

30Jul03	Prcnt	Code	Value and Description
54291	100.0	1	1st event

<u>Variable 73</u>	<u>VEHICLE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Vehicle number of the first involved vehicle in the crash.

30Jul03	Prcnt	Code	Value and Description
53502	98.5	1	Vehicle #1
683	1.3	2	Vehicle #2
83	0.2	3	Vehicle #3
17	0.0	4	Vehicle #4
4	0.0	5	Vehicle #5
1	0.0	6	Vehicle #6
1	0.0	10	Vehicle #10

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

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

30Jul03	Prcnt	Code	Value and Description
2756	5.1	0	Noncollision
28726	52.9	1	Front
8319	15.3	2	Right side
7434	13.7	3	Left side
4285	7.9	4	Back
91	0.2	5	Top
383	0.7	6	Undercarriage
423	0.8	11	Front right corner
446	0.8	12	Front left corner
48	0.1	13	Back right corner
34	0.1	14	Back left corner
1346	2.5	99	Point of impact unknown

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

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

30Jul03	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
5	0.0	1	Vehicle #1
34046	62.7	2	Vehicle #2
824	1.5	3	Vehicle #3
110	0.2	4	Vehicle #4
21	0.0	5	Vehicle #5
9	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9
1	0.0	11	Vehicle #11
Noncollision			
2145	4.0	101	Rollover/overturn
44	0.1	102	Fire/explosion
13	0.0	103	Immersion
0	0.0	104	Gas inhalation
104	0.2	105	Jackknife
85	0.2	106	Noncollision injury - injured in or fell from vehicle

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

30Jul03	Prcnt	Code	Value and Description
7	0.0	107	Pavement surface irregularity (ruts, potholes, grates, etc.)
343	0.6	108	Other noncollision
5	0.0	109	Noncollision - no details
10	0.0	110	Thrown or falling object
Collision with Object Not Fixed			
1558	2.9	121	Pedestrian
1120	2.1	122	Cycle or cyclist (pedalcycle or pedalcyclist)
33	0.1	123	Railway train
1189	2.2	124	Animal
1677	3.1	126	Parked motor vehicle (or other mv not in transport)
66	0.1	127	Other type nonmotorist
318	0.6	128	Other object not fixed
12	0.0	129	Object not fixed - no details
Collision with Fixed Object			
57	0.1	131	Ground
93	0.2	132	Building
37	0.1	133	Impact attenuator or crash cushion
247	0.5	134	Bridge structure (pier/abutment/parapet end/rail)
1185	2.2	135	Guardrail
921	1.7	136	Concrete traffic barrier or other longitudinal barrier type
2097	3.9	137	Sign post, utility pole or other support
1436	2.6	138	Culvert or ditch
722	1.3	139	Curb
598	1.1	140	Embankment
443	0.8	141	Fence
168	0.3	142	Wall
88	0.2	143	Fire hydrant
86	0.2	144	Shrubbery or bush
1694	3.1	145	Tree
89	0.2	146	Boulder
500	0.9	158	Other fixed object
48	0.1	159	Fixed object - no details
Unknown			
33	0.1	999	Unknown

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

General area of damage - other vehicle

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

30Jul03	Prcnt	Code	Value and Description
12825	23.6	1	Front
5341	9.8	2	Right side
6482	11.9	3	Left side
9647	17.8	4	Back
3	0.0	5	Top
4	0.0	6	Undercarriage
202	0.4	11	Front right corner
276	0.5	12	Front left corner
38	0.1	13	Back right corner
45	0.1	14	Back left corner
19271	35.5	98	Not a motor vehicle in transport
157	0.3	99	Point of Impact Unknown

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

Police Jurisdiction codes repeated in each PSU.

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

30Jul03	Prcnt	Code	Value and Description
8706	16.0	1	Group 1L - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.
8170	15.0	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.

Variable 78:STRATUM (Continued)

30Jul03	Prcnt	Code	Value and Description
6891	12.7	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
10858	20.0	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.
5849	10.8	5	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.
13817	25.4	6	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.

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

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

30Jul03	Prcnt	Code	Value and Description
7579	14.0	1	Northeast
12858	23.7	2	Midwest
23536	43.4	3	South
10318	19.0	4	West

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

Vehicle's action

30Jul03	Prcnt	Code	Value and Description
2756	5.1	1	Noncollision
5973	11.0	2	Collision with object not fixed
10542	19.4	3	Collision with fixed object
22614	41.7	4	Strike another in-transport motor vehicle

Variable 81:ACTION FOR THIS EVENT (Continued)

30Jul03 Prcnt Code Value and Description

12406 22.9 5 Struck by an in-transport motor vehicle

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

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

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

30Jul03 Prcnt Code Value and Description

54291	56.3	1	Vehicle #1
35868	37.2	2	Vehicle #2
4870	5.1	3	Vehicle #3
1014	1.1	4	Vehicle #4
237	0.2	5	Vehicle #5
69	0.1	6	Vehicle #6
26	0.0	7	Vehicle #7
10	0.0	8	Vehicle #8
6	0.0	9	Vehicle #9
5	0.0	10	Vehicle #10
3	0.0	11	Vehicle #11
2	0.0	12	Vehicle #12
2	0.0	13	Vehicle #13
2	0.0	14	Vehicle #14
1	0.0	15	Vehicle #15
1	0.0	16	Vehicle #16
1	0.0	17	Vehicle #17
1	0.0	18	Vehicle #18
1	0.0	19	Vehicle #19
1	0.0	20	Vehicle #20
1	0.0	21	Vehicle #21
1	0.0	22	Vehicle #22
1	0.0	23	Vehicle #23
1	0.0	24	Vehicle #24
1	0.0	25	Vehicle #25
1	0.0	26	Vehicle #26
1	0.0	27	Vehicle #27
1	0.0	28	Vehicle #28
1	0.0	29	Vehicle #29
1	0.0	30	Vehicle #30
1	0.0	31	Vehicle #31
1	0.0	32	Vehicle #32
1	0.0	33	Vehicle #33

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

30Jul03	Prcnt	Code	Value and Description
345	0.4	0	Unattended vehicle (driverless, or no driver involved)
91512	94.9	1	Driver operated vehicle
4562	4.7	2	Hit and run (vehicle and/or driver left scene)
5	0.0	9	Unknown driver presence

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

30Jul03	Prcnt	Code	Value and Description
91844	95.3	0	No, did not leave scene
4562	4.7	1	Yes, driver or car and driver left scene
18	0.0	9	Unknown

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

30Jul03	Prcnt	Code	Value and Description
19	0.0	1	American Motors
2138	2.2	2	Jeep (includes Kaiser-Jeep)
7	0.0	3	AM General
1475	1.5	6	Chrysler
5674	5.9	7	Dodge
0	0.0	8	Imperial
1486	1.5	9	Plymouth
140	0.1	10	Eagle
17477	18.1	12	Ford
943	1.0	13	Lincoln
2155	2.2	14	Mercury
2441	2.5	18	Buick
1087	1.1	19	Cadillac
13527	14.0	20	Chevrolet
2308	2.4	21	Oldsmobile
3411	3.5	22	Pontiac
2345	2.4	23	GMC
1161	1.2	24	Saturn
11	0.0	25	Grumman
4	0.0	29	Other domestic
857	0.9	30	Volkswagen
5	0.0	31	Alfa Romeo
161	0.2	32	Audi
0	0.0	33	Austin/Austin Healey
613	0.6	34	BMW
4224	4.4	35	Nissan/Datsun
1	0.0	36	Fiat
6040	6.3	37	Honda

Variable 105:MAKE (Continued)

30Jul03	Prcnt	Code	Value and Description
690	0.7	38	Isuzu
110	0.1	39	Jaguar
0	0.0	40	Lancia
1726	1.8	41	Mazda
575	0.6	42	Mercedes Benz
4	0.0	43	MG
1	0.0	44	Peugeot
45	0.0	45	Porsche
2	0.0	46	Renault
116	0.1	47	Saab
599	0.6	48	Subaru
6742	7.0	49	Toyota
12	0.0	50	Triumph
973	1.0	51	Volvo
1389	1.4	52	Mitsubishi
437	0.5	53	Suzuki
772	0.8	54	Acura
808	0.8	55	Hyundai
2	0.0	56	Merkur
0	0.0	57	Yugo
288	0.3	58	Infiniti
526	0.5	59	Lexus
9	0.0	60	Daihatsu
1	0.0	61	Sterling
74	0.1	62	Land Rover
447	0.5	63	KIA
91	0.1	64	Daewoo
1	0.0	65	Mini
2	0.0	69	Other foreign
0	0.0	70	BSA
13	0.0	71	Ducati
411	0.4	72	Harley-Davidson
183	0.2	73	Kawasaki
4	0.0	74	Moto-Guzzi
0	0.0	75	Norton
228	0.2	76	Yamaha
17	0.0	78	Moped (other than listed manufacturers)
71	0.1	79	Other motorcycle
1	0.0	80	Brockway
1	0.0	81	Diamond Reo, Reo
2411	2.5	82	Freightliner, White
0	0.0	83	FWD
1916	2.0	84	International Harvester/Navistar
861	0.9	85	Kenworth
854	0.9	86	Mack
817	0.8	87	Peterbilt
2	0.0	88	Iveco/Magirus
590	0.6	98	Other (truck or bus)
1892	2.0	99	Unknown make

Variable 106	MAKE/MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999
30Jul03 Prcnt	Code Value and Description		
	American Motors		
0 0.0	1001 Rambler/American		
0 0.0	1002 Rebel/Matador		
0 0.0	1003 Ambassador		
0 0.0	1004 Pacer, Viper RT/10		
0 0.0	1005 AMX		
1 0.0	1006 Javelin		
2 0.0	1007 Hornet/Concord		
0 0.0	1008 Spirit/Gremlin		
9 0.0	1009 Eagle		
0 0.0	1010 Eagle SX-4		
1 0.0	1398 Other (automobile)		
3 0.0	1399 Unknown (automobile)		
3 0.0	1999 Unknown (vehicle)		
	Jeep		
6 0.0	2401 CJ-2/CJ-3/CJ-4		
23 0.0	2402 CJ-5/CJ-6/CH-7/CH-8		
210 0.2	2403 YJ Series (Wrangler)		
1381 1.4	2404 Cherokee (84 on)		
49 0.1	2405 Liberty		
2 0.0	2421 Cherokee (63-83)		
17 0.0	2431 Grand Wagoneer		
4 0.0	2481 Pickup		
23 0.0	2482 Comanche		
100 0.1	2498 Other Light Truck		
171 0.2	2499 Unk Light Truck		
152 0.2	2999 Unknown vehicle		
	AM General		
0 0.0	3401 Dispatcher (Post Office Jeep)		
3 0.0	3421 Hummer		
0 0.0	3466 Dispatcher DJ		
0 0.0	3498 Other Light Truck		
3 0.0	3499 Unk Light Truck		
1 0.0	3884 Med/Hvy Truck		
0 0.0	3898 Other Med/Hvy Truck		
0 0.0	3899 Unk Med/Hvy Truck		
0 0.0	3983 Bus rear engine/flat front		
0 0.0	3988 Other Bus		
0 0.0	3989 Unknown bus type		
0 0.0	3999 Unknown vehicle		
	Chrysler		
2 0.0	6009 Cordoba		
12 0.0	6010 Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)		
0 0.0	6013 Rampage 2.2 (car based pickup)		
176 0.2	6014 New Yorker (83-90)/E-Class/Imperial (90-on)/Fifth Avenue/Newport		
6 0.0	6015 Laser		

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
151	0.2	6016	Lebaron
8	0.0	6017	Lebaron GTS/GTC
5	0.0	6018	Intrepid (Canadian) RWD only
1	0.0	6031	TC Maserati Sport
3	0.0	6035	Conquest
130	0.1	6041	Concorde
77	0.1	6042	LHS
236	0.2	6043	Sebring
95	0.1	6044	Cirrus
55	0.1	6051	300M
92	0.1	6052	PT Cruiser
2	0.0	6398	Other Auto
165	0.2	6399	Unk Auto
185	0.2	6441	Town & Country (Minivan)
33	0.0	6442	Voyager
2	0.0	6498	Other Light Truck
22	0.0	6499	Unk Light Truck
17	0.0	6999	Unknown vehicle
Dodge			
7	0.0	7001	Dart
5	0.0	7002	Coronet/Magnum/Charger (thru 78)
1	0.0	7003	Polara/Monaco/Royal Monaco
2	0.0	7004	Viper
0	0.0	7005	Challenger
6	0.0	7006	Aspen
18	0.0	7007	Diplomat
13	0.0	7008	Omni/Charger (83 on)
2	0.0	7009	Mirada
0	0.0	7010	St Regis
36	0.0	7011	Aries (K)
0	0.0	7012	400
1	0.0	7013	Rampage (car-based pickup), 2.2, GT, Sport
5	0.0	7014	600
32	0.0	7015	Daytona
6	0.0	7016	Lancer
111	0.1	7017	Shadow
96	0.1	7018	Dynasty
104	0.1	7019	Spirit
517	0.5	7020	Neon
0	0.0	7033	Challenger (import)
33	0.0	7034	Colt (excludes Vista)
0	0.0	7035	Conquest
24	0.0	7039	Stealth
1	0.0	7040	Monaco
413	0.4	7041	Intrepid
63	0.1	7042	Avenger
311	0.3	7043	Stratus
1	0.0	7398	Other Auto
365	0.4	7399	Unk Auto
5	0.0	7401	Raider
28	0.0	7421	Ramchager

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
308	0.3	7422	Durango
0	0.0	7441	Vista
938	1.0	7442	Caravan
231	0.2	7461	B-series Van
4	0.0	7470	Van Derivative
5	0.0	7471	D50,Colt Pickup,Ram 50/100
508	0.5	7472	Dakota
106	0.1	7481	D,W-series Pickup
907	0.9	7482	Ram 1500/2500/3500 P/U
38	0.0	7498	Other lt Truck
319	0.3	7499	Unk lt Truck
0	0.0	7881	Med/hvy CBE
0	0.0	7882	DODGE Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
6	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
2	0.0	7898	Other med/hvy truck
5	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium Bus (not van-based)
1	0.0	7988	Other Bus
0	0.0	7989	Unknown Bus
0	0.0	7998	Other Veh
90	0.1	7999	Unknown veh
Imperial			
0	0.0	8010	Imperial
0	0.0	8398	Other Auto
0	0.0	8399	Unk Auto
0	0.0	8999	Unk Veh
Plymouth			
3	0.0	9001	Valiant/Scamp/Duster(thru 76)
1	0.0	9002	Satellite/Belvedere
5	0.0	9003	Fury
8	0.0	9004	Gran Fury
0	0.0	9005	Barracuda
2	0.0	9006	Volare
9	0.0	9007	Caravelle
28	0.0	9008	Horizon
32	0.0	9011	Reliant (K)
0	0.0	9013	Scamp-auto-based pickup
97	0.1	9017	Sundance
109	0.1	9019	Acclaim
291	0.3	9020	Neon
0	0.0	9031	Cricket
0	0.0	9032	Arrow
0	0.0	9033	Sapporo import
18	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
33	0.0	9037	Laser
91	0.1	9038	Breeze
0	0.0	9039	Prowler

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
1	0.0	9398	Other Auto
203	0.2	9399	Unk Auto
0	0.0	9421	Trailduster
5	0.0	9441	Vista
462	0.5	9442	Voyager (minivan)
0	0.0	9461	B-series Van (fullsize)
0	0.0	9471	Arrow Pickup (foreign)
4	0.0	9498	Other lt truck
47	0.0	9499	Unk lt truck
37	0.0	9999	Unknown vehicle
Eagle			
28	0.0	10034	Summit
49	0.1	10037	Talon
11	0.0	10040	Premier
24	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Auto
28	0.0	10399	Unk Auto
0	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck
0	0.0	10999	Unk vehicle
Ford			
0	0.0	12001	Falcon
2	0.0	12002	Fairlane
946	1.0	12003	Mustang/Mustang II
397	0.4	12004	Thunderbird
6	0.0	12005	Ltd II
41	0.0	12006	Ltd/Galaxy/Custom
3	0.0	12007	Ranchero
6	0.0	12008	Maverick
6	0.0	12009	Pinto
1	0.0	12010	Torino/Gran Torino/Elite
8	0.0	12011	Granada
26	0.0	12012	Fairmont
1271	1.3	12013	Escort/EXP
325	0.3	12015	Tempo
667	0.7	12016	Crown Victoria
1549	1.6	12017	Taurus
236	0.2	12018	Probe
0	0.0	12031	English Ford
1	0.0	12032	Fiesta
43	0.0	12033	Festiva
0	0.0	12034	Laser
303	0.3	12035	Contour
53	0.1	12036	Aspire
390	0.4	12037	Focus
5	0.0	12398	Other Auto
1049	1.1	12399	Unk Auto
1823	1.9	12401	Bronco II/Bronco (thru 77)/Explorer

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
101	0.1	12402	Escape
45	0.0	12421	Bronco-fullsize (78 on)
387	0.4	12422	Expedition
37	0.0	12431	Excursion
354	0.4	12441	Aerostar
461	0.5	12442	Windstar
745	0.8	12461	E-series Van
0	0.0	12470	Van derivative
1383	1.4	12471	Ranger
4	0.0	12472	Courier
32	0.0	12473	Sport Trac
2906	3.0	12481	F-series Pickup
97	0.1	12498	Other lt truck
691	0.7	12499	Unk lt truck
122	0.1	12880	F450/550 Pickup > 4536 GVWR
274	0.3	12881	Med/Hvy CBE
52	0.1	12882	Med/Hvy COE low entry
31	0.0	12883	Med/Hvy COE high entry
267	0.3	12884	Med/Hvy unk engine location
15	0.0	12890	Med/Hvy COE unk entry position
9	0.0	12898	Other Med/Hvy truck
74	0.1	12899	Unk Med/Hvy truck
7	0.0	12981	Medium Bus
19	0.0	12988	Other Bus
5	0.0	12989	Unknown bus type
3	0.0	12998	Other Vehicle
199	0.2	12999	Unknown vehicle
Lincoln			
445	0.5	13001	Town Car/Continental
73	0.1	13002	Mark I - VIII
144	0.1	13005	Continental (82 on)
0	0.0	13011	Versailles
30	0.0	13012	LS
2	0.0	13398	Other Auto
169	0.2	13399	Unk Auto
65	0.1	13421	Navigator
1	0.0	13481	Blackwood
5	0.0	13499	Unk light truck
9	0.0	13999	Unk vehicle
Mercury			
0	0.0	14002	Cyclone
7	0.0	14003	Capri-domestic
129	0.1	14004	Cougar/XR7
434	0.5	14006	Marquis/Monterey
1	0.0	14008	Comet
1	0.0	14009	Bobcat
0	0.0	14010	Montego
2	0.0	14011	Monarch
8	0.0	14012	Zephyr
2	0.0	14013	Lynx/LN7 (82-83)

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
100	0.1	14015	Topaz
446	0.5	14017	Sable
14	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
168	0.2	14036	Tracer
69	0.1	14037	Mystique
218	0.2	14038	Cougar (99-on)
5	0.0	14398	Other Auto
279	0.3	14399	Unknown Auto
97	0.1	14401	Mountaineer
143	0.1	14443	Villager
1	0.0	14498	Oth lt truck
9	0.0	14499	Unk lt truck
22	0.0	14999	Unknown vehicle
Buick			
0	0.0	18001	Special/Skylark (thru 1972)
595	0.6	18002	Lesabre/Wildcat/Centurion
289	0.3	18003	Electra/Electra 225/Park Avenue (91 on)
61	0.1	18004	Roadmaster
59	0.1	18005	Riviera
539	0.6	18007	Century
3	0.0	18008	Apollo/Skylark (73-76)
138	0.1	18010	Regal
20	0.0	18012	Skyhawk
15	0.0	18015	Skylark (76-85)
157	0.2	18018	Somerset (85-87) / Skylark (86 on)
220	0.2	18020	Regal FWD
2	0.0	18021	Reatta
0	0.0	18031	Opel Kadette
0	0.0	18032	Opel Manta
1	0.0	18033	Opel GT
0	0.0	18034	Opel Isuzu
1	0.0	18398	Other Auto
311	0.3	18399	Unk Auto
18	0.0	18401	Rendezvous
1	0.0	18499	Unk light truck
11	0.0	18999	Unk vehicle
Cadillac			
615	0.6	19003	Deville/Fleetwood (except Limousine)
1	0.0	19004	Limousine
98	0.1	19005	Eldorado
1	0.0	19006	Commercial Series
4	0.0	19009	Allante'
111	0.1	19014	Seville
8	0.0	19016	Cimarron
33	0.0	19017	Catera (RWD)
5	0.0	19018	CTS
4	0.0	19398	Other Auto
160	0.2	19399	Unk Auto
40	0.0	19421	Escalade

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
1	0.0	19498	Oth light truck
6	0.0	19999	Unk vehicle
			Chevrolet
30	0.0	20001	Malibu/Chevelle
619	0.6	20002	Caprice/Impala
87	0.1	20004	Corvette
5	0.0	20006	Corvair
26	0.0	20007	El Camino
19	0.0	20008	Nova (-79)
500	0.5	20009	Camaro
82	0.1	20010	Monte Carlo
0	0.0	20011	Vega
0	0.0	20012	Monza
9	0.0	20013	Chevette
12	0.0	20015	Citation
1425	1.5	20016	Cavalier
161	0.2	20017	Celebrity
613	0.6	20019	Baretta/Corsica
601	0.6	20020	Lumina
13	0.0	20031	Spectrum
438	0.5	20032	Nova/Geo Prizm
5	0.0	20033	Sprint/Geo Sprint
194	0.2	20034	Geo Metro
67	0.1	20035	Geo Storm
210	0.2	20036	Monte Carlo (FWD only)
391	0.4	20037	Malibu (1997+)
4	0.0	20398	Other Auto
824	0.9	20399	Unk Auto
893	0.9	20401	S-10 Blazer, Blazer
154	0.2	20402	Geo Tracker (1989-1998)
62	0.1	20403	Geo Tracker (2002)
410	0.4	20421	Blazer-fullsize
365	0.4	20431	Suburban
429	0.4	20441	Astro Van
180	0.2	20442	Lumina APV / Venture
360	0.4	20461	G-series Van
19	0.0	20466	P-series Van
4	0.0	20470	Van Derivative
960	1.0	20471	S-10,T-10
2	0.0	20472	LUV imported PU
2274	2.4	20481	C,K,R,V-series Pickup
33	0.0	20482	Avalanche
106	0.1	20498	Other lt truck
587	0.6	20499	Unk lt truck
48	0.0	20881	Med/Hvy CBE
7	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
46	0.0	20884	Med/Hvy Unk engine location
44	0.0	20890	Med/Hvy COE Unk engine location
0	0.0	20898	Other med/hvy trk
39	0.0	20899	Unk med/hvy trk

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
2	0.0	20981	Bus S-60 series
3	0.0	20988	Other Bus
5	0.0	20989	Unknown bus type
0	0.0	20998	Other Vehicle
160	0.2	20999	Unknown vehicle
			Oldsmobile
106	0.1	21001	Cutlass (RWD only)
331	0.3	21002	Delta 88
157	0.2	21003	Ninety-Eight
22	0.0	21005	Toronado, Trofeo
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
3	0.0	21015	Omega
11	0.0	21016	Firenza
252	0.3	21017	Ciera
40	0.0	21018	Calais
486	0.5	21020	Cutlass (FWD)
95	0.1	21021	Achieva
55	0.1	21022	Aurora
97	0.1	21023	Intrigue
156	0.2	21024	Alero
5	0.0	21398	Other Auto
311	0.3	21399	Unknown Auto
75	0.1	21401	Bravada
83	0.1	21441	Silhouette
0	0.0	21498	Other lt trk
5	0.0	21499	Unk lt trk
0	0.0	21998	Other vehicle
18	0.0	21999	Unknown vehicle
			Pontiac
8	0.0	22001	Lemans/Tempest (thru 79)
407	0.4	22002	Bonneville/Catalina/Parisienne
17	0.0	22005	Fiero
1	0.0	22008	Ventura
262	0.3	22009	Firebird/Trans AM
21	0.0	22010	Grand Prix RWD
0	0.0	22011	Astre
1	0.0	22012	Sunbird (thru 80)
3	0.0	22013	T-1000/1000
1	0.0	22015	Phoenix
468	0.5	22016	J2000/2000/Sunbird(84 on)
67	0.1	22017	6000
1083	1.1	22018	Grand AM
529	0.5	22020	Grand Prix FWD
25	0.0	22031	Lemans (88 on)
2	0.0	22398	Other Auto
339	0.4	22399	Unk Auto
21	0.0	22401	Aztek
8	0.0	22402	Vibe
123	0.1	22441	Trans Sport / Montana

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
1	0.0	22498	Other lt trk
8	0.0	22499	Unk lt trk
16	0.0	22999	Unknown vehicle
GMC			
1	0.0	23007	Caballero/Sprint
0	0.0	23398	Other Auto
25	0.0	23399	Unk Auto
298	0.3	23401	Jimmy/Typhoon S-15 based
189	0.2	23421	Jimmy fullsize/Yukon
109	0.1	23431	Suburban
124	0.1	23441	Safari (Minivan)
117	0.1	23461	G-series Van
5	0.0	23466	P-series Van
0	0.0	23470	Van Derivative
218	0.2	23471	S15/T15/Somona
655	0.7	23481	C,K,R,V-series Pickup
35	0.0	23498	Other lt truck
190	0.2	23499	Unk lt truck
127	0.1	23881	Med/Hvy CBE
4	0.0	23882	Med/Hvy COE low entry
2	0.0	23883	Med/Hvy COE high entry
146	0.2	23884	Med/Hvy Unk engine location
16	0.0	23890	Med/Hvy COE Unk entry postion
3	0.0	23898	Other med/hvy trk
26	0.0	23899	Unk med/hvy trk
1	0.0	23981	Bus B6000
10	0.0	23988	Other Bus
3	0.0	23989	Unknown bus type
41	0.0	23999	Unknown vehicle
Saturn			
599	0.6	24001	SL
192	0.2	24002	SC
29	0.0	24003	SW
0	0.0	24004	EV (electric vehicle)
67	0.1	24005	LS
9	0.0	24006	LW
2	0.0	24398	Other Auto
243	0.3	24399	Unk Auto
11	0.0	24401	VUE
0	0.0	24498	Other light truck
0	0.0	24499	Unk light truck
9	0.0	24999	Unk vehicle
Grumman			
5	0.0	25441	LLV
0	0.0	25442	Step-in van
2	0.0	25498	Other lt truck
1	0.0	25499	Unk lt truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	25883	Med/Hvy COE high entry
1	0.0	25884	Med/Hvy Unk engine location
1	0.0	25890	Med/Hvy COE Unk entry postion
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk
0	0.0	25983	Bus flat front, rear engine
1	0.0	25988	Other Bus
0	0.0	25989	Unknown bus type
0	0.0	25999	Unk vehicle
Other Domestic			
1	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
2	0.0	29398	Other make
1	0.0	29399	Unknown make
Volkswagen			
3	0.0	30031	Karmann Ghia
62	0.1	30032	Beetle 1300/1500
4	0.0	30033	Super Beetle
0	0.0	30034	411/412
0	0.0	30035	Squareback/Fastback
8	0.0	30036	Rabbit
2	0.0	30037	Dasher
9	0.0	30038	Scirocco
157	0.2	30040	Jetta
1	0.0	30041	Quantum
54	0.1	30042	Golf / Cabriolet
1	0.0	30043	Rabbit Pickup
16	0.0	30044	Fox
5	0.0	30045	Corrado
96	0.1	30046	Passat
150	0.2	30047	Jetta III
44	0.0	30048	Golf III
36	0.0	30049	New Beetle
4	0.0	30398	Other Auto
172	0.2	30399	Unk Auto
2	0.0	30401	The Thing (181)
14	0.0	30441	Vanagon/Camper
1	0.0	30442	Eurovan
0	0.0	30498	Other lt truck
9	0.0	30499	Unk lt truck
0	0.0	30998	Other vehicle
7	0.0	30999	Unk vehicle
Alfa Romeo			
2	0.0	31031	Spider
0	0.0	31032	Sports Sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
2	0.0	31035	164
1	0.0	31398	Other Auto

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle
			Audi
0	0.0	32031	Super 90
22	0.0	32032	100/A6
0	0.0	32033	Fox
4	0.0	32034	4000
6	0.0	32035	5000
4	0.0	32036	80/90
3	0.0	32037	200
6	0.0	32038	V-8 Quattro
2	0.0	32039	Coupe Quattro
7	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
48	0.0	32042	A4
0	0.0	32043	A3
2	0.0	32044	A8
12	0.0	32045	TT
1	0.0	32046	S8
1	0.0	32047	AllRoad
4	0.0	32398	Other Auto
38	0.0	32399	Unk Auto
1	0.0	32999	Unk vehicle
			Austin/Austin Healey
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle
			BMW
8	0.0	34031	1600,2002
0	0.0	34032	Coupe
0	0.0	34033	Bavarian Sedan
281	0.3	34034	3-series
109	0.1	34035	5-series
4	0.0	34036	6-series
51	0.1	34037	7-series
1	0.0	34038	8-series
24	0.0	34039	Z3
2	0.0	34040	Z8
9	0.0	34398	Other Auto
72	0.1	34399	Unk Auto
17	0.0	34401	X5
0	0.0	34498	Oth light truck
1	0.0	34499	Unk light truck
0	0.0	34701	0-50cc

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	34702	51-124cc
0	0.0	34703	125-349cc
0	0.0	34704	350-449cc
0	0.0	34705	450-749cc
21	0.0	34706	750cc & over
7	0.0	34709	Unk cc
0	0.0	34799	Unk motorcycle
6	0.0	34999	Unk vehicle
Nissan/Datsun			
0	0.0	35031	F-10
166	0.2	35032	200SX/240SX
9	0.0	35033	B210/210/1200
74	0.1	35034	Z-car, ZX
0	0.0	35035	310
1	0.0	35036	510
0	0.0	35037	610
0	0.0	35038	710
722	0.7	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
96	0.1	35042	Stanza
741	0.8	35043	Sentra
25	0.0	35044	Pulsar
0	0.0	35045	Micra
11	0.0	35046	NX 1600/2000
712	0.7	35047	Altima
1	0.0	35398	Other Auto
509	0.5	35399	Unk Auto
259	0.3	35401	Pathfinder
85	0.1	35402	XTerra
3	0.0	35441	Van
1	0.0	35442	Axxess
115	0.1	35443	Quest
538	0.6	35471	Pickup / Frontier
5	0.0	35498	Other lt truck
74	0.1	35499	Unk lt truck
23	0.0	35883	Med/Hvy COE high entry
2	0.0	35898	Other med/hvy truck
3	0.0	35899	Unk med/hvy truck
49	0.1	35999	Unk vehicle
Fiat			
0	0.0	36031	124 Coupe/Sedan
0	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
0	0.0	36399	Unk auto

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry
0	0.0	36890	Med/Hvy COE Unk Entry
0	0.0	36898	Other med/hvy truck
0	0.0	36899	Unk med/hvy truck
1	0.0	36999	Unknown vehicle
Honda			
1811	1.9	37031	Civic/CRX, del Sol
2484	2.6	37032	Accord
192	0.2	37033	Prelude
2	0.0	37034	600
5	0.0	37035	S2000
2	0.0	37037	Insight
0	0.0	37398	Other Auto
666	0.7	37399	Unk Auto
93	0.1	37401	Passport
194	0.2	37402	CR-V
129	0.1	37441	Odyssey
4	0.0	37498	Other light trk
26	0.0	37499	Unk light trk
4	0.0	37701	0-50cc
5	0.0	37702	51-124cc
15	0.0	37703	125-349cc
2	0.0	37704	350-449cc
112	0.1	37705	450-749cc
105	0.1	37706	750cc & over
106	0.1	37709	Unk cc
0	0.0	37731	ATC/ATV 0-50cc
0	0.0	37732	ATC/ATV 51-124cc
5	0.0	37733	ATC/ATV 125-349cc
5	0.0	37734	ATC/ATV 350cc & over
9	0.0	37739	ATC/ATV Unk cc
8	0.0	37798	Oth motored cycle
56	0.1	37999	Unk vehicle
Isuzu			
5	0.0	38031	I-Mark
4	0.0	38032	Impulse
4	0.0	38033	Stylus
0	0.0	38398	Other Auto
22	0.0	38399	Unk Auto
86	0.1	38401	Trooper/Trooper II
251	0.3	38402	Rodeo
30	0.0	38403	Amigo
1	0.0	38404	Vehicross
5	0.0	38405	Axiom
1	0.0	38441	Oasis
64	0.1	38471	P'up Pickup Hombre
3	0.0	38498	Other lt truck
27	0.0	38499	Unk lt truck
3	0.0	38881	Med/Hvy CBE

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
77	0.1	38882	Med/Hvy COE low entry
2	0.0	38883	Med/Hvy COE high entry
74	0.1	38884	Med/Hvy unk engine location
6	0.0	38890	Med/Hvy COE unk entry position
3	0.0	38898	Other med/hvy trk
9	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other Bus
0	0.0	38998	Other veh
13	0.0	38999	Unk vehicle
Jaguar			
7	0.0	39031	XJ-S Coupe
52	0.1	39032	XJ6/12 Sedan/Coupe/XJ-8/ Vandan Plas
0	0.0	39033	XK-E
12	0.0	39034	X100 (97-98) / S-Type
16	0.0	39035	X-Type
1	0.0	39398	Other Auto
19	0.0	39399	Unk Auto
3	0.0	39999	Unk 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 Auto
0	0.0	40399	Unk Auto
0	0.0	40999	Unk vehicle
Mazda			
1	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
39	0.0	41034	RX7
395	0.4	41035	GLC/323/Protege
0	0.0	41036	Cosmo
438	0.5	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
33	0.0	41043	929
86	0.1	41044	MX-6
67	0.1	41045	Miata
51	0.1	41046	MX-3
63	0.1	41047	Millenia
0	0.0	41048	MP3
2	0.0	41398	Other auto
173	0.2	41399	Unk auto

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
13	0.0	41401	Navajo
23	0.0	41402	Tribute
103	0.1	41441	MPV
196	0.2	41471	Mazda Pickup
3	0.0	41498	Other lt truck
22	0.0	41499	Unk lt truck
17	0.0	41999	Unk vehicle
Mercedes Benz			
115	0.1	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
2	0.0	42032	230/280 SL 2-pass
8	0.0	42033	300/350/380/450/500/560 SL 2-pass
4	0.0	42034	350/380/420/450/560 SLC
4	0.0	42035	280/300 SEL
20	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
4	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
34	0.0	42039	190
44	0.0	42040	300
6	0.0	42041	400/500 E
26	0.0	42042	C class
27	0.0	42043	S class
10	0.0	42044	SL class
12	0.0	42045	SLK
2	0.0	42046	CL class
11	0.0	42047	CLK
64	0.1	42048	E class (96-on)
10	0.0	42398	Other auto
89	0.1	42399	Unk auto
62	0.1	42401	M class
1	0.0	42402	G class
0	0.0	42470	Van derivative
1	0.0	42498	Other lt truck
1	0.0	42499	Unk lt truck
1	0.0	42881	Med/Hvy CBE
1	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry
1	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Oth med/hvy trk
0	0.0	42899	Unk med/hvy trk
0	0.0	42981	Medium Bus
0	0.0	42988	Other Bus
0	0.0	42989	Unk Bus type
15	0.0	42999	Unk vehicle
MG			
1	0.0	43031	Midget
1	0.0	43032	MGB (76-79)
1	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	43036	MGC
0	0.0	43398	Other auto
1	0.0	43399	Unk auto
0	0.0	43999	Unk vehicle
			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 auto
0	0.0	44399	Unk auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unk cc
0	0.0	44799	Unk motored cycle
0	0.0	44999	Unk vehicle
			Porsche
15	0.0	45031	911
0	0.0	45032	912
1	0.0	45033	914
1	0.0	45034	924
2	0.0	45035	928
0	0.0	45036	930
7	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
13	0.0	45040	986 Boxster
0	0.0	45398	Oth auto
6	0.0	45399	Unk auto
0	0.0	45999	Unk 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
2	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 auto
0	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
			Saab
34	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96/97
9	0.0	47034	9000, CS
17	0.0	47035	9-3
8	0.0	47036	9-5
0	0.0	47398	Other auto
45	0.0	47399	Unk auto
3	0.0	47999	Unk vehicle
			Subaru
35	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale (90 on)
0	0.0	48032	Star
1	0.0	48033	360
257	0.3	48034	Legacy
3	0.0	48035	XT/XT6
6	0.0	48036	Justy
10	0.0	48037	SVX
64	0.1	48038	Impreza
25	0.0	48043	Brat DL, GL
0	0.0	48398	Other auto
125	0.1	48399	Unk auto
52	0.1	48401	Forester
0	0.0	48498	Other lt truck
0	0.0	48499	Unk lt truck
21	0.0	48999	Unk vehicle
			Toyota
2	0.0	49031	Corona
1333	1.4	49032	Corolla
309	0.3	49033	Celica
47	0.0	49034	Supra
52	0.1	49035	Cressida
0	0.0	49036	Crown
1	0.0	49037	Carina
296	0.3	49038	Tercel
1	0.0	49039	Starlet
1678	1.7	49040	Camry
25	0.0	49041	MR-2
46	0.0	49042	Paseo
169	0.2	49043	Avalon
30	0.0	49044	Solara
52	0.1	49045	Echo
9	0.0	49046	Prius
1	0.0	49398	Other auto
637	0.7	49399	Unk auto
446	0.5	49401	4-Runner
132	0.1	49402	RAV-4
29	0.0	49403	Highlander
5	0.0	49404	Matrix
50	0.1	49421	Landcruiser

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
35	0.0	49422	Sequoia
66	0.1	49441	Minivan (84-90) / Previa (91 on)
117	0.1	49442	Sienna
454	0.5	49471	Pickup
382	0.4	49472	Takoma
28	0.0	49481	T-100
82	0.1	49482	Tundra
13	0.0	49498	Other lt truck
152	0.2	49499	Unk lt truck
63	0.1	49999	Unk vehicle
			Triumph
2	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
0	0.0	50034	TR6
0	0.0	50035	TR7/TR8
0	0.0	50036	Herald
0	0.0	50037	Stag
0	0.0	50398	Other auto
2	0.0	50399	Unk auto
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
2	0.0	50706	750cc & over
4	0.0	50709	Unk cc
0	0.0	50799	Unk motored cycle
0	0.0	50999	Unk vehicle
			Volvo
0	0.0	51031	122
1	0.0	51032	142/144/145
0	0.0	51033	164
89	0.1	51034	240/242/244/245
2	0.0	51035	262/264/265
0	0.0	51036	1800
10	0.0	51038	760/780
61	0.1	51039	740
17	0.0	51040	940
15	0.0	51041	960
52	0.1	51042	850
60	0.1	51043	70 series
8	0.0	51044	90 series
18	0.0	51045	80 series
19	0.0	51046	40 series
15	0.0	51047	60 series
3	0.0	51398	Other auto
120	0.1	51399	Unk auto
242	0.3	51881	Med/Hvy CBE
16	0.0	51882	Med/Hvy COE low entry

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
2	0.0	51883	Med/Hvy COE high entry
192	0.2	51884	Med/Hvy unk engine location
5	0.0	51890	Med/Hvy unk entry position
1	0.0	51898	Other med/hvy trk
13	0.0	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
1	0.0	51988	Other bus
0	0.0	51989	Unk type bus
11	0.0	51999	Unk vehicle
			Mitsubishi
0	0.0	52031	Starion
0	0.0	52032	Tredia
0	0.0	52033	Cordia
331	0.3	52034	Galant
180	0.2	52035	Mirage
3	0.0	52036	Precis
299	0.3	52037	Eclipse
0	0.0	52038	Sigma
23	0.0	52039	3000 GT
55	0.1	52040	Diamante
33	0.0	52046	Lancer
1	0.0	52398	Other auto
148	0.2	52399	Unk auto
186	0.2	52401	Montero
3	0.0	52441	Minivan
8	0.0	52442	Expo Wagon
23	0.0	52471	Pickup
0	0.0	52498	Other lt truck
9	0.0	52499	Unk lt truck
53	0.1	52882	Med/Hvy COE low entry
3	0.0	52898	Other med/hvy truck
12	0.0	52899	Unk med/hvy truck
0	0.0	52981	Bus conventional front engine
0	0.0	52982	Bus front engine/flat front
0	0.0	52983	Bus rear engine/flat front
0	0.0	52988	Other bus
19	0.0	52999	Unk vehicle
			Suzuki
0	0.0	53031	SA310
17	0.0	53034	Swift
32	0.0	53035	Esteem
5	0.0	53398	Other auto
12	0.0	53399	Unk auto
16	0.0	53401	Samarai
85	0.1	53402	Sidekick / Grand Vitara
7	0.0	53403	X-90 / Vitara
0	0.0	53498	Other lt truck
5	0.0	53499	Unk lt truck
0	0.0	53701	0-50cc
0	0.0	53702	51-124cc

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
4	0.0	53703	125-349cc
1	0.0	53704	350-449cc
96	0.1	53705	450-749cc
71	0.1	53706	750cc & over
69	0.1	53709	Unk cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
1	0.0	53733	ATC/ATV 125-349cc
0	0.0	53734	ATC/ATV 350cc & over
2	0.0	53739	ATC/ATV unk cc
8	0.0	53799	Unk motored cycle
6	0.0	53999	Unk vehicle
Acura			
263	0.3	54031	Integra
178	0.2	54032	Legend (86-95) RL (6-2000)
0	0.0	54033	NSX
18	0.0	54034	Vigor
156	0.2	54035	CL / TL
10	0.0	54038	RSX
9	0.0	54398	Other auto
107	0.1	54399	Unk auto
2	0.0	54401	SLX
23	0.0	54421	MDX
0	0.0	54498	Oth light truck
4	0.0	54499	Unk light truck
2	0.0	54999	Unk vehicle
Hyundai			
0	0.0	55031	Pony
44	0.0	55032	Excel
102	0.1	55033	Sonata
15	0.0	55034	Scoupe
203	0.2	55035	Elantra
178	0.2	55036	Accent
46	0.0	55037	Tiburon
7	0.0	55038	XG300
0	0.0	55398	Other auto
162	0.2	55399	Unk auto
30	0.0	55401	Santa Fe
0	0.0	55498	Oth lt truck
1	0.0	55499	Unk lt truck
20	0.0	55999	Unk vehicle
Merkur			
2	0.0	56031	XR4Ti
0	0.0	56032	Scorpio
0	0.0	56398	Other auto
0	0.0	56399	Unk auto
0	0.0	56999	Unk vehicle

Variable 106:MAKE/MODEL (Continued)

30Jul03 Prcnt Code Value and Description

			Yugo
0	0.0	57031	GV, GVX
0	0.0	57398	Other auto
0	0.0	57399	Unk auto
0	0.0	57999	Unk vehicle
			Infiniti
7	0.0	58031	M30
31	0.0	58032	Q45
56	0.1	58033	G20
34	0.0	58034	J30
63	0.1	58035	I30
8	0.0	58398	Other auto
47	0.0	58399	Unk auto
37	0.0	58401	QX4
0	0.0	58498	Other light truck
0	0.0	58499	Unk light truck
5	0.0	58999	Unk vehicle
			Lexus
160	0.2	59031	ES-250/ES-300
71	0.1	59032	LS-400
25	0.0	59033	SC-400/SC-300
61	0.1	59034	GS300/GS400
14	0.0	59035	IS-300
2	0.0	59036	SC-430
2	0.0	59398	Other auto
67	0.1	59399	Unk auto
84	0.1	59401	RX300
29	0.0	59421	LX-450 / LX-470
1	0.0	59498	Other light truck
6	0.0	59499	Unk light truck
4	0.0	59999	Unk vehicle
			Daihatsu
7	0.0	60031	Charade
0	0.0	60398	Other auto
0	0.0	60399	Unk auto
2	0.0	60401	Rocky
0	0.0	60498	Other lt trk
0	0.0	60499	Unk lt trk
0	0.0	60999	Unk vehicle
			Sterling
1	0.0	61031	827S
0	0.0	61398	Other auto
0	0.0	61399	Unk auto
0	0.0	61999	Unk vehicle
			Land Rover
45	0.0	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
4	0.0	62421	County LWB (RR) / Country Classic (RR)
4	0.0	62422	4.0 SE (RR)
8	0.0	62498	Other light truck
8	0.0	62499	Unk light truck
5	0.0	62999	Unk vehicle
KIA			
163	0.2	63031	Sephia
49	0.1	63032	Spectra
41	0.0	63033	Rio
18	0.0	63034	Optima
0	0.0	63398	Other auto
46	0.0	63399	Unk auto
102	0.1	63401	Sportage
12	0.0	63441	Sedona
1	0.0	63498	Other light truck
2	0.0	63499	Unk light truck
13	0.0	63999	Unk vehicle
DAEWOO			
26	0.0	64031	Lanos
34	0.0	64032	Nubira
26	0.0	64033	Leganza
5	0.0	64399	Unk auto
MINI			
1	0.0	65031	Cooper
Other Imports			
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	Delorean
0	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
0	0.0	69039	Lotus
0	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
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
0	0.0	69053	Lada
0	0.0	69398	Other make
0	0.0	69399	Unk make
0	0.0	69898	Other med/hvy trk
0	0.0	69988	Other bus

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
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	Unk cc
0	0.0	70798	Oth motored cycle
0	0.0	70799	Unk 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
3	0.0	71705	450-749cc
7	0.0	71706	750cc & over
3	0.0	71709	Unk cc
0	0.0	71798	Oth motored cycle
0	0.0	71799	Unk motorcycle
			Harley-Davidson
0	0.0	72701	0-50cc
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
0	0.0	72705	450-749cc
286	0.3	72706	750cc & over
119	0.1	72709	Unk cc
0	0.0	72798	Oth motored cycle
6	0.0	72799	Unk motorcycle
			Kawaski
0	0.0	73701	0-50cc
0	0.0	73702	51-124cc
8	0.0	73703	125-349cc
2	0.0	73704	350-449cc
48	0.0	73705	450-749cc
69	0.1	73706	750cc & over
49	0.1	73709	Unk cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
1	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
1	0.0	73739	ATC/ATV unk cc
2	0.0	73798	Oth motored cycle
3	0.0	73799	Unk motorcycle

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
			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
1	0.0	74706	750cc & over
3	0.0	74709	Unk 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 unk cc
0	0.0	74798	Oth motored cycle
0	0.0	74799	Unk 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	Unk cc
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk motorcycle
			Yamaha
0	0.0	76701	0-50cc
3	0.0	76702	51-124cc
5	0.0	76703	125-349cc
5	0.0	76704	350-449cc
60	0.1	76705	450-749cc
62	0.1	76706	750cc & over
62	0.1	76709	Unk cc
0	0.0	76731	ATC/ATV 0-50cc
1	0.0	76732	ATC/ATV 51-124cc
5	0.0	76733	ATC/ATV 125-349cc
1	0.0	76734	ATC/ATV 350cc & over
10	0.0	76739	ATC/ATV unk cc
10	0.0	76798	Oth motored cycle
3	0.0	76799	Unk motorcycle
1	0.0	76998	Other vehicle
			Other Make Moped
1	0.0	78701	0-50cc
0	0.0	78702	51-124cc
10	0.0	78709	Unk cc
3	0.0	78798	Oth motored cycle
3	0.0	78799	Unk motorcycle

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
			Other Make Motored Cycle
0	0.0	79701	0-50cc
0	0.0	79702	51-124cc
0	0.0	79703	125-349cc
0	0.0	79704	350-449cc
2	0.0	79705	450-749cc
5	0.0	79706	750cc & over
30	0.0	79709	Unk cc
0	0.0	79731	ATC/ATV 0-50cc
0	0.0	79732	ATC/ATV 51-124cc
0	0.0	79733	ATC/ATV 125-349cc
0	0.0	79734	ATC/ATV 350cc & over
12	0.0	79739	ATC/ATV unk cc
16	0.0	79798	Oth motored cycle
6	0.0	79799	Unk motorcycle
			Brockway
0	0.0	80850	M/H 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
1	0.0	80884	Med/Hvy Unk engine location
0	0.0	80890	Med/Hvy COE Unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
			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
1	0.0	81884	Med/Hvy Unk engine location
0	0.0	81890	Med/Hvy COE Unk entry position
0	0.0	81898	Other med/hvy trk
0	0.0	81899	Unk med/hvy trk
			Freightliner/White
2	0.0	82461	Sprinter / Advantage
3	0.0	82470	M-Line Walk in van
0	0.0	82498	Other light truck
1	0.0	82499	Unknown light truck
0	0.0	82850	M/H truck-based motorhome
1722	1.8	82881	Med/Hvy CBE
23	0.0	82882	Med/Hvy COE low entry
67	0.1	82883	Med/Hvy COE high entry
538	0.6	82884	Med/Hvy Unk engine location
37	0.0	82890	Med/Hvy COE Unk entry position
6	0.0	82898	Other med/hvy trk
1	0.0	82899	Unk med/hvy trk
2	0.0	82981	Bus conventional engine out front
9	0.0	82988	Other bus

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
			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 Unk engine location
0	0.0	83890	Med/Hvy COE Unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
			International Harvester/Navistar
4	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
2	0.0	84481	Pickup
1	0.0	84498	Other lt trk
2	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck-based motorhome
1012	1.0	84881	Med/Hvy CBE
4	0.0	84882	Med/Hvy COE low entry
42	0.0	84883	Med/Hvy COE high entry
700	0.7	84884	Med/Hvy unk engine location
7	0.0	84890	Med/Hvy COE unk entry position
0	0.0	84898	Other med/hvy trk
13	0.0	84899	Unk med/hvy trk
0	0.0	84950	Bus-based Motorhome
30	0.0	84981	Conventional Bus
1	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
82	0.1	84988	Other bus
13	0.0	84989	Unknown bus type
3	0.0	84998	Other vehicle
0	0.0	84999	Unk vehicle
			Kenworth
0	0.0	85850	M/H truck-based motorhome
673	0.7	85881	Med/Hvy CBE
1	0.0	85882	Med/Hvy COE low entry
0	0.0	85883	Med/Hvy COE high entry
164	0.2	85884	Med/Hvy Unk engine location
17	0.0	85890	Med/Hvy COE Unk entry position
1	0.0	85898	Other med/hvy trk
5	0.0	85899	Unk med/hvy trk
			Mack
0	0.0	86850	M/H truck-based motorhome
365	0.4	86881	Med/Hvy CBE
31	0.0	86882	Med/Hvy COE low entry
11	0.0	86883	Med/Hvy COE high entry
422	0.4	86884	Med/Hvy Unk engine location
5	0.0	86890	Med/Hvy COE Unk entry position
4	0.0	86898	Other med/hvy trk

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
16	0.0	86899	Unk med/hvy trk
Peterbilt			
0	0.0	87850	M/H truck-based motorhome
646	0.7	87881	Med/Hvy CBE
9	0.0	87882	Med/Hvy COE low entry
10	0.0	87883	Med/Hvy COE high entry
141	0.1	87884	Med/Hvy Unk engine location
9	0.0	87890	Med/Hvy COE Unk entry position
1	0.0	87898	Other med/hvy trk
1	0.0	87899	Unk med/hvy trk
Iveco/Magirus			
0	0.0	88850	M/H truck-based motorhome
0	0.0	88881	Med/Hvy CBE
0	0.0	88882	Med/Hvy COE low entry
0	0.0	88883	Med/Hvy COE high entry
1	0.0	88884	Med/Hvy Unk engine location
0	0.0	88890	Med/Hvy COE Unk entry position
0	0.0	88898	Other med/hvy trk
1	0.0	88899	Unk med/hvy trk
Other Make			
1	0.0	98498	Other Light Truck
10	0.0	98801	AUTOCAR
2	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
82	0.1	98804	WESTERN STAR
12	0.0	98805	OSHKOSH
29	0.0	98806	HINO
0	0.0	98807	SCANIA
114	0.1	98808	Sterling trucks
4	0.0	98850	M/H truck-based motorhome
88	0.1	98898	Other med/hvy trk
4	0.0	98902	NEOPLAN Bus
0	0.0	98950	Bus-based Motorhome
174	0.2	98988	Other bus
69	0.1	98998	Other vehicle
1	0.0	98999	Unk vehicle
Unknown Make			
470	0.5	99399	Unknown automobile
235	0.2	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

Variable 106:MAKE/MODEL (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	99733	ATC/ATV 125-349cc
0	0.0	99734	ATC/ATV 350-449cc
0	0.0	99739	ATC/ATV unk cc
0	0.0	99798	Other motored cycle
33	0.0	99799	Unknown motored cycle
0	0.0	99850	M/H truck-based motorhome
0	0.0	99881	Med/Hvy CBE
0	0.0	99882	Med/Hvy COE low entry
0	0.0	99883	Med/Hvy COE high entry
0	0.0	99884	Med/Hvy unk engine location
0	0.0	99890	Med/Hvy COE unk entry position
0	0.0	99898	Other med/hvy trk
373	0.4	99899	Unk med/hvy trk
0	0.0	99950	Bus-based Motorhome
0	0.0	99981	Conventional bus
0	0.0	99982	Bus front engine
0	0.0	99983	Bus rear engine
15	0.0	99988	Other bus
13	0.0	99989	Unknown bus type
0	0.0	99998	Other vehicle
753	0.8	99999	Unk vehicle

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

30Jul03	Prcnt	Code	Value and Description
1	0.0	1920	1920
		-	
6854	7.1	1995	1995
6152	6.4	1996	1996
6874	7.1	1997	1997
6911	7.2	1998	1998
7505	7.8	1999	1999
8351	8.7	2000	2000
7601	7.9	2001	2001
5654	5.9	2002	2002
536	0.6	2003	2003
2528	2.6	9999	Unknown

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

30Jul03	Prcnt	Code	Value and Description
			Automobiles
794	0.8	1	Convertible (excludes sun roof, t-bar)
8462	8.8	2	2-door sedan, hardtop, coupe

Variable 108:BODY TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
2811	2.9	3	3-door/2-door hatchback
30554	31.7	4	4-door sedan, hardtop
454	0.5	5	5-door/4-door hatchback
1690	1.8	6	Station wagon (excluding van and truck based)
2	0.0	7	Hatchback, number of doors unknown
1	0.0	8	Other automobile type
7769	8.1	9	Unknown automobile type
Automobile Derivatives			
33	0.0	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat)
1	0.0	11	Auto-based panel (cargo station wagon, auto-based Ambulance/Hearse)
7	0.0	12	Large limousine (more than four side doors or stretch chassis)
Utility Vehicles			
7745	8.0	14	Compact utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)
1631	1.7	15	Large utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)
531	0.6	16	Utility station wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
107	0.1	17	3-door coupe (passenger car)
409	0.4	19	Utility vehicle, unknown body type
Van-Based Light Trucks (<4,536 kg GVWR)			
4142	4.3	20	Minivan (Chrysler Town & Country, Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
1386	1.4	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
28	0.0	22	Step van or walk-in van (< 4,536 kg GVWR)
13	0.0	23	Van-based motorhome
6	0.0	24	Van-based school bus
43	0.0	25	Van-based other bus
38	0.0	28	Other van type (Hi-Cube, Kary)
736	0.8	29	Unknown van type
Lt Conventional Truck (P.U. style cab, <4,536 kg GVWR)			
4762	4.9	30	Compact pickup
7023	7.3	31	Large pickup
25	0.0	32	Pickup with slide-in camper
1	0.0	33	Convertible pickup
1150	1.2	39	Unknown (pickup style) light conventional truck
Other Light Trucks (<4,536 kg GVWR)			
194	0.2	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck-based panel
5	0.0	42	Light truck-based motorhome (chassis mounted)
6	0.0	45	Other light truck type

Variable 108:BODY TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
347	0.4	48	Unknown light truck type (utility, van, pickup, or other light truck)
1204	1.2	49	Unknown light vehicle type (automobile, utility, van, or light truck)
Buses (excludes van-based)			
177	0.2	50	School bus (designed to carry students, not cross country or transit)
217	0.2	58	Other bus type (transit, intercity, bus-based motorhome)
7	0.0	59	Unknown bus type
Medium/Heavy Trucks (>4,536 kg GVWR)			
38	0.0	60	Step Van
2984	3.1	64	Single unit straight truck
18	0.0	65	Medium/heavy truck-based motorhome
5617	5.8	66	Truck-tractor (cab only, or with any number of trailing units)
834	0.9	78	Unknown medium/heavy truck type
43	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include all terrain vehicles/cycles)			
1485	1.5	80	Motorcycle
31	0.0	81	Moped (motorized bicycle)
1	0.0	82	Three wheeled motorcycle or moped
39	0.0	88	Other motored cycle type (minibike, motorscooter)
10	0.0	89	Unknown motored cycle type
Other Vehicles			
57	0.1	90	ATV (all terrain vehicle) and ATC (all terrain cycle)
1	0.0	91	Snowmobile
29	0.0	92	Farm equipment other than trucks
22	0.0	93	Construction equipment other than trucks (includes graders)
24	0.0	97	Other type vehicle (e.g., go-cart, fork lift, city street sweeper, motorized wheelchair)
680	0.7	99	Unknown body type

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

30Jul03	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
85827	89.0	0	Not applicable
401	0.4	1	Bus
2606	2.7	2	Van/enclosed box
334	0.3	3	Cargo tank
750	0.8	4	Flatbed
805	0.8	5	Dump

Variable 109: CARGO BODY TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
89	0.1	6	Concrete mixer
76	0.1	7	Auto transporter
211	0.2	8	Garbage/refuse
411	0.4	98	Other
4914	5.1	99	Unknown cargo body type

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

Number of axles on vehicle, including trailers

30Jul03	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
85827	89.0	0	Not applicable
0	0.0	1	1 axle
1280	1.3	2	2 axles
848	0.9	3	3 axles
214	0.2	4	4 axles
1886	2.0	5	5 axles
120	0.1	6	6 axles
27	0.0	7	7 axles
24	0.0	8	8 axles
		-	
2	0.0	13	13 axles
6117	6.3	99	Unknown

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

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

Vehicle special use (this trip)

30Jul03	Prcnt	Code	Value and Description
94786	98.3	0	No special use
71	0.1	1	Taxi
187	0.2	2	Vehicle used as school bus
261	0.3	3	Vehicle used as other bus
5	0.0	4	Military
274	0.3	5	Police
48	0.0	6	Ambulance
44	0.0	7	Fire truck and car
0	0.0	10	Hearse

Variable 112:SPECIAL USE (Continued)

30Jul03	Prcnt	Code	Value and Description
29	0.0	11	Farm equipment
22	0.0	12	Construction equipment
697	0.7	99	Unknown

Variable 113	HAZ MATERIAL PLACARD NO	Width: 5	Type: Numeric
		Dec: None	Miss: 9999

Hazardous materials placard number

30Jul03	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
93814	97.3	0	Not applicable
1	0.0	1001	- Actual number
1	0.0	3265	
2496	2.6	9999	Unknown

Variable 114	HAZ MATERIALS PLACARDED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Hazardous materials placarded

30Jul03	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
93806	97.3	0	Not applicable
143	0.1	1	Yes
8	0.0	2	No
2467	2.6	9	Unknown

Variable 115	HAZ MATERIALS RELEASE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Hazardous materials release

30Jul03	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
93806	97.3	0	Not applicable
34	0.0	1	Yes
727	0.8	2	No
1857	1.9	9	Unknown

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

30Jul03 Prcnt Code Value and Description

96225	99.8	0	No
170	0.2	1	Yes
29	0.0	9	Unknown

Variable 117	CARRIER'S ID NUMBER	Width: 8	Type: Numeric
		Dec: None	Miss: None

Carrier's identification number

30Jul03 Prcnt Code Value and Description

Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)

0	Not applicable
1	
-	U.S. DOT or ICC MC number
99999998	
99999999	Unknown

Variable 118	NUM OCC INVOLVED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

30Jul03 Prcnt Code Value and Description

312	0.3	0	0 occupants involved
70620	73.2	1	1 occupant involved
16945	17.6	2	2 occupants involved
5093	5.3	3	3 occupants involved
2269	2.4	4	4 occupants involved
773	0.8	5	5 occupants involved
		-	
1	0.0	63	63 occupants involved

Variable 119	NUMBER OF OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

30Jul03 Prcnt Code Value and Description

312	0.3	0	0 occupants
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Variable 119:NUMBER OF OCCUPANTS (Continued)

30Jul03	Prcnt	Code	Value and Description
62850	65.2	1	- Actual number of occupants
2	0.0	63	
6920	7.2	99	Unknown number of occupants

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

30Jul03	Prcnt	Code	Value and Description
12251	12.7	0	Stopped vehicle
119	0.1	1	- Actual travel speed (KPH)
1	0.0	140	
53884	55.9	999	Unknown

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

30Jul03	Prcnt	Code	Value and Description
89275	92.6	1	No trailing unit
5941	6.2	2	Yes, one trailing unit
203	0.2	3	Yes, two trailing units
10	0.0	4	Yes, three or more trailing units
19	0.0	5	Yes, number of trailing units unknown
976	1.0	6	Unknown

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

30Jul03	Prcnt	Code	Value and Description
96127	99.7	0	No jackknife noted on PAR
297	0.3	1	Jackknife occurred

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

30Jul03	Prcnt	Code	Value and Description
91722	95.1	0	No rollover
157	0.2	10	Untripped rollover
142	0.1	20	Tripped rollover - by curb

Variable 123:ROLLOVER (Continued)

30Jul03	Prcnt	Code	Value and Description
190	0.2	21	Tripped rollover - by guardrail
768	0.8	22	Tripped rollover - by ditch
133	0.1	23	Tripped rollover - by soft soil
1602	1.7	28	Tripped rollover - other
243	0.3	29	Tripped rollover - unknown mechanism
1467	1.5	99	Rollover, unknown whether untripped or tripped

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

30Jul03	Prcnt	Code	Value and Description
96193	99.8	0	No fire noted on PAR
231	0.2	1	Fire occurred in vehicle

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

30Jul03	Prcnt	Code	Value and Description
2806	2.9	0	Noncollision
43525	45.1	1	Front
14222	14.7	2	Rightside
14966	15.5	3	Leftside
17112	17.7	4	Back
123	0.1	5	Top
430	0.4	6	Undercarriage
658	0.7	11	Front right corner
784	0.8	12	Front left corner
93	0.1	13	Back right corner
98	0.1	14	Back left corner
1607	1.7	99	Initial point of impact unknown

Variable 126	DAMAGE AREA #1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

30Jul03	Prcnt	Code	Value and Description
2461	2.6	0	No damage
55723	57.8	1	Front
13182	13.7	2	Rightside
10657	11.1	3	Leftside
9293	9.6	4	Back
339	0.4	5	Top

Variable 126:DAMAGE AREA #1 (Continued)

30Jul03	Prcnt	Code	Value and Description
288	0.3	6	Undercarriage
1234	1.3	7	All areas damaged
3247	3.4	9	Damaged areas unknown

Variable 127	DAMAGE AREA #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

30Jul03	Prcnt	Code	Value and Description
29067	30.1	0	No damage
0	0.0	1	Front
21877	22.7	2	Rightside
13871	14.4	3	Leftside
6743	7.0	4	Back
882	0.9	5	Top
766	0.8	6	Undercarriage
0	0.0	7	All areas damaged
23218	24.1	9	Damaged areas unknown

Variable 128	DAMAGE AREA #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

30Jul03	Prcnt	Code	Value and Description
47938	49.7	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
11400	11.8	3	Leftside
3192	3.3	4	Back
816	0.8	5	Top
720	0.7	6	Undercarriage
0	0.0	7	All areas damaged
32358	33.6	9	Damaged areas unknown

Variable 129	DAMAGE AREA #4	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

30Jul03	Prcnt	Code	Value and Description
56558	58.7	0	No damage

Variable 129:DAMAGE AREA #4 (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
1854	1.9	4	Back
759	0.8	5	Top
602	0.6	6	Undercarriage
0	0.0	7	All areas damaged
36651	38.0	9	Damaged areas unknown

Variable 130	DAMAGE AREA #5	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

30Jul03	Prcnt	Code	Value and Description
58262	60.4	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
0	0.0	4	Back
308	0.3	5	Top
193	0.2	6	Undercarriage
0	0.0	7	All areas damaged
37661	39.1	9	Damaged areas unknown

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

30Jul03	Prcnt	Code	Value and Description
2447	2.5	0	None
13234	13.7	1	Minor
10080	10.5	2	Functional (moderate)
40713	42.2	3	Disabling (severe)
29950	31.1	9	Unknown

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

30Jul03	Prcnt	Code	Value and Description
44571	46.2	1	Driven
48290	50.1	2	Towed due to damage
3016	3.1	3	Towed not due to damage
261	0.3	4	Abandoned

Variable 132:MANNER OF LEAVING SCENE (Continued)

30Jul03	Prcnt	Code	Value and Description
286	0.3	9	Unknown if towed

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

30Jul03 Prcnt Code Value and Description

30Jul03	Prcnt	Code	Value and Description
Noncollision			
3842	4.0	1	Rollover/overturn
107	0.1	2	Fire/explosion
21	0.0	3	Immersion
0	0.0	4	Gas inhalation
101	0.1	5	Jackknife
81	0.1	6	Noncollision injury (injury in or fell from vehicle)
7	0.0	7	Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
345	0.4	8	Other noncollision
4	0.0	9	Noncollision - no details
20	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1582	1.6	21	Pedestrian
1120	1.2	22	Cycle or cyclist (pedalcycle or pedalcyclist)
31	0.0	23	Railway train
1171	1.2	24	Animal
75752	78.6	25	Motor vehicle in transport
1684	1.7	26	Parked motor vehicle (or other mv not in transport)
66	0.1	27	Other type nonmotorist
699	0.7	28	Other object not fixed
15	0.0	29	Object not fixed - no details
Collision with Fixed Object			
49	0.1	31	Ground
125	0.1	32	Building
29	0.0	33	Impact attenuator or crash cushion
257	0.3	34	Bridge structure (pier/abutment/parapet end)
1099	1.1	35	Guardrail
966	1.0	36	Concrete traffic barrier or other longitudinal barrier type
2012	2.1	37	Sign post, utility pole or other support
1075	1.1	38	Culvert or ditch
492	0.5	39	Curb
467	0.5	40	Embankment
401	0.4	41	Fence
188	0.2	42	Wall
91	0.1	43	Fire hydrant
56	0.1	44	Shrubbery or bush
1830	1.9	45	Tree
81	0.1	46	Boulder
445	0.5	58	Other fixed object

Variable 133: MOST HARMFUL EVENT (Continued)

30Jul03	Prcnt	Code	Value and Description
	45	0.0	59 Fixed object - no details
	68	0.1	99 Unknown most harmful event

Variable 134	MHE EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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"

30Jul03	Prcnt	Code	Value and Description
	0	0.0	0 None
	85884	89.1	1 - Actual event number
	1	0.0	33

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

Movement prior to critical event (Precrash 1)

30Jul03	Prcnt	Code	Value and Description
	345	0.4	0 No driver present
	52099	54.0	1 Going straight
	4888	5.1	2 Decelerating in traffic lane
	179	0.2	3 Accelerating in traffic lane
	2023	2.1	4 Starting in traffic lane
	11192	11.6	5 Stopped in traffic lane
	1153	1.2	6 Passing or overtaking another vehicle
	193	0.2	7 Disabled or parked in travel lane
	199	0.2	8 Leaving a parked position
	102	0.1	9 Entering a parked position
	2706	2.8	10 Turning right
	9700	10.1	11 Turning left
	457	0.5	12 Making U-turn
	956	1.0	13 Backing up (other than for parking purposes)
	5181	5.4	14 Negotiating a curve
	2988	3.1	15 Changing lanes
	452	0.5	16 Merging
	163	0.2	17 Successful corrective action to a previous critical event
	261	0.3	97 Other
	1187	1.2	99 Unknown

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

Critical event (Precrash 2)

30Jul03 Prcnt Code Value and Description

0 0.0 0 Not applicable/no collision

I. CRITICAL EVENT INITIATED BY THIS VEHICLE

This Vehicle Loss of Control Due To:

300	0.3	1	Blow out or flat tire
19	0.0	2	Stalled engine
256	0.3	3	Disabling vehicle failure (e.g. wheel fell off)
28	0.0	4	Nondisabling vehicle problem (e.g. hood flew up)
510	0.5	5	Poor road conditions (puddle, pothole, ice, etc.)
4619	4.8	6	Traveling too fast for conditions
722	0.7	8	Other cause of control loss
560	0.6	9	Unknown cause of control loss

This Vehicle Traveling:

3125	3.2	10	Over the lane line on left side of travel lane
2305	2.4	11	Over the lane line on right side of travel lane
1846	1.9	12	Off the edge of the road on the left side
3214	3.3	13	Off the edge of the road on the right side
219	0.2	14	End departure
7065	7.3	15	Turning left at intersection
1042	1.1	16	Turning right at intersection
6243	6.5	17	Crossing over (passing through) intersection
1162	1.2	18	This vehicle decelerating
200	0.2	19	Unknown travel direction

Other Motor Vehicle in Lane:

7833	8.1	50	Other vehicle stopped
1479	1.5	51	Traveling in same direction with lower steady speed
4211	4.4	52	Traveling in same direction while decelerating
14128	14.7	53	Traveling in same direction with higher speed
500	0.5	54	Traveling in opposite direction
2	0.0	55	In crossover
409	0.4	56	Backing
263	0.3	59	Unknown travel direction of the other motor vehicle in lane

Other Motor Vehicle Encroaching into Lane:

3409	3.5	60	From adjacent lane (same direction) - over left lane line
3078	3.2	61	From adjacent lane (same direction) - over right lane line
6451	6.7	62	From opposite direction - over left lane line
207	0.2	63	From opposite direction - over right lane line
271	0.3	64	From parking lane
779	0.8	65	From crossing street - turning into same direction
5392	5.6	66	From crossing street - across path
1956	2.0	67	From crossing street - turning into opposite direction
118	0.1	68	From crossing street - intended path not known

Variable 136:CRITICAL EVENT (Continued)

30Jul03	Prcnt	Code	Value and Description
428	0.4	70	From driveway - turning into same direction
176	0.2	71	From driveway - across path
811	0.8	72	From driveway - turning into opposite direction
315	0.3	73	From driveway - intended path not known
131	0.1	74	From entrance to limited access highway
256	0.3	78	Encroachment by other vehicle - details unknown
Pedestrian, Pedalcyclist or Other Nonmotorist:			
1452	1.5	80	Pedestrian in roadway
12	0.0	81	Pedestrian approaching roadway
10	0.0	82	Pedestrian - unknown location
957	1.0	83	Pedalcyclist or other nonmotorist in roadway
8	0.0	84	Pedalcyclist or other nonmotorist approaching roadway
5	0.0	85	Pedalcyclist or other nonmotorist - unknown location
Object or Animal:			
1628	1.7	87	Animal in roadway
8	0.0	88	Animal approaching roadway
4	0.0	89	Animal - unknown location
739	0.8	90	Object in roadway
62	0.1	91	Object approaching roadway
2	0.0	92	Object - unknown location
Other:			
4498	4.7	98	Other critical event / no collision
Unknown:			
1001	1.0	99	Unknown critical event

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

Corrective action attempted (Precrash 3)

30Jul03	Prcnt	Code	Value and Description
345	0.4	0	No driver present
11254	11.7	1	No avoidance maneuver
Single Corrective Action			
1122	1.2	2	Braking (no lockup)
3709	3.8	3	Braking (lockup)
1151	1.2	4	Braking (lockup unknown)
1	0.0	5	Releasing brakes
2541	2.6	6	Steering left
2463	2.6	7	Steering right

Variable 137:CORRECTIVE ACTION ATTEMP (Continued)

30Jul03	Prcnt	Code	Value and Description
			Multiple Corrective Actions
494	0.5	8	Braked and steering left
556	0.6	9	Braked and steering right
94	0.1	10	Accelerating
22	0.0	11	Accelerating and steering to left
25	0.0	12	Accelerating and steering to right
298	0.3	98	Other actions
72349	75.0	99	Unknown if driver attempted avoidance maneuver

Variable 138 PRECRASH VEHICLE CONTROL Width: 2 Type: Numeric
Dec: None Miss: 99

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

30Jul03	Prcnt	Code	Value and Description
345	0.4	0	No driver present
79982	82.9	1	Tracking
6088	6.3	2	Skidding longitudinally - rotation less than 30 degrees
1731	1.8	3	Skidding laterally - clockwise rotation
2018	2.1	4	Skidding laterally - counterclockwise rotation
170	0.2	7	Other vehicle loss of control
6090	6.3	9	Precrash stability unknown

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

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

30Jul03	Prcnt	Code	Value and Description
345	0.4	0	No driver present
72530	75.2	1	Stayed in original traffic lane
6843	7.1	2	Stayed on roadway but left original travel lane
1843	1.9	3	Stayed on roadway, not known if left original travel lane
11663	12.1	4	Departed roadway
247	0.3	5	Remained off roadway
435	0.5	6	Returned to roadway
1716	1.8	7	Entered roadway
802	0.8	99	Vehicle path unknown

General Estimates System (GES)
2002 - Vehicle

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

30Jul03 Prcnt		Code Value and Description	
2786	2.9	0	Noncollision
53603	55.6	1	Striking
33577	34.8	2	Struck
5972	6.2	3	Both striking and struck
486	0.5	9	Unknown

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

30Jul03 Prcnt		Code Value and Description	
594	0.6	0	No impact
2414	2.5	1	
		-	Diagram number (see appendix)
637	0.7	93	
9381	9.7	98	Other crash type
541	0.6	99	Unknown

Variable 142	SPEED RELATED	Width: 1	Type: Numeric
		Dec: None	Miss: None

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

30Jul03 Prcnt		Code Value and Description	
81702	84.7	0	No
10846	11.2	1	Yes
345	0.4	8	No driver present
3531	3.7	9	Unknown

 * Variables 143 through 148 are specific to each vehicle in the *
 * crash. They are different from the crash-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 crash level, *
 * if vehicles travel on different trafficways the highest speed *
 * limit is coded. *

Variable 143	ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

Roadway alignment for this vehicle's roadway

30Jul03	Prcnt	Code	Value and Description
70737	73.4	1	Straight
9504	9.9	2	Curve
16183	16.8	9	Unknown

Variable 144	NUMBER OF TRAVEL LANES	Width: 1	Type: Numeric
		Dec: None	Miss: None

Number of travel lanes for this vehicle's roadway

30Jul03	Prcnt	Code	Value and Description
2104	2.2	1	One lane
36412	37.8	2	Two lanes
14530	15.1	3	Three lanes
12930	13.4	4	Four lanes
8482	8.8	5	Five lanes
1265	1.3	6	Six lanes
834	0.9	7	Seven or more lanes
19867	20.6	9	Unknown

Variable 145	ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: None

Roadway profile for this vehicle

30Jul03	Prcnt	Code	Value and Description
52303	54.2	1	Level
13867	14.4	2	Grade
1293	1.3	3	Hillcrest
232	0.2	8	Sag

Variable 145:ROADWAY PROFILE (Continued)

30Jul03	Prcnt	Code	Value and Description
28729	29.8	9	Unknown

Variable 146	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

Speed limit for this vehicle

30Jul03	Prcnt	Code	Value and Description
697	0.7	0	No statutory limit (parking lot, alley, etc.)
21	0.0	5	- Actual posted speed limit in miles per hour
392	0.4	75	
14352	14.9	99	Unknown

Variable 147	SURFACE CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: None

Roadway surface condition for this vehicle

30Jul03	Prcnt	Code	Value and Description
76710	79.6	1	Dry
15457	16.0	2	Wet
1602	1.7	3	Snow or slush
1537	1.6	4	Ice
88	0.1	5	Sand, dirt, oil
89	0.1	8	Other
941	1.0	9	Unknown

Variable 148	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: None

Trafficway flow for this vehicle's trafficway

30Jul03	Prcnt	Code	Value and Description
46940	48.7	1	Not physically divided (two way traffic)
32491	33.7	2	Divided trafficway (median strip, barrier, etc.)
4402	4.6	3	One way traffic
12591	13.1	9	Unknown

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

Maximum injury severity in vehicle

30Jul03	Prcnt	Code	Value and Description
56414	58.5	0	No injury
12694	13.2	1	Possible injury
10803	11.2	2	Nonincapacitating
11270	11.7	3	Incapacitating
1160	1.2	4	Fatal injury
198	0.2	5	Injured, unknown severity
6	0.0	6	Died prior
312	0.3	8	No person in the vehicle
3567	3.7	9	Unknown if injured

Variable 150	<u>NUMBER INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number injured in vehicle

30Jul03	Prcnt	Code	Value and Description
56420	58.5	0	None
27998	29.0	1	- Actual number of people injured
1	0.0	39	
312	0.3	98	No person coded
3567	3.7	99	Unknown

Variable 151	<u>DRIVER DRINKING IN VEH</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Reports alcohol use by driver of the vehicle

30Jul03	Prcnt	Code	Value and Description
4316	4.5	1	Alcohol involved
83142	86.2	2	No alcohol involved
354	0.4	8	No person coded
8612	8.9	9	Unknown

Variable 152	<u>DRIVERS ZIP CODE</u>	Width: 5	Type: Numeric
		Dec: None	Miss: None

30Jul03	Prcnt	Code	Value and Description
216	0.2	0	Not resident of U.S. or territories
		-	Code actual 5-digit zip code

Variable 152:DRIVERS ZIP CODE (Continued)

30Jul03	Prcnt	Code	Value and Description
	345	0.4	99998 No driver present
	3945	4.1	99999 Unknown

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

Police Jurisdiction codes repeated in each PSU.

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

30Jul03 Prcnt Code Value and Description

14726	15.3	1	Group 1L - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.
17124	17.8	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.
10350	10.7	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
19451	20.2	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.
10694	11.1	5	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.

Variable 154:STRATUM (Continued)

30Jul03 Prcnt Code Value and Description

24079 25.0 6 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.

Variable 155 PSU NUMBER Width: 2 Type: Numeric
Dec: None Miss: None

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

30Jul03 Prcnt Code Value and Description

12873 13.4 1 Northeast
22411 23.2 2 Midwest
42698 44.3 3 South
18442 19.1 4 West

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

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

This variable was imputed by NHTSA

30Jul03 Prcnt Code Value and Description

Automobiles

806 0.8 1 Convertible (excludes sun roof, t-bar)
8608 8.9 2 2-door sedan, hardtop, coupe
2851 3.0 3 3-door/2-door hatchback
31039 32.2 4 4-door sedan, hardtop
463 0.5 5 5-door/4-door hatchback
1731 1.8 6 Station wagon (excluding van and truck based)

Variable 158:IMPUTED BODY TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
2	0.0	7	Hatchback, number of doors unknown
1	0.0	8	Other automobile type
7913	8.2	9	Unknown automobile type
Automobile Derivatives			
33	0.0	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat)
1	0.0	11	Auto-based panel (cargo station wagon, auto-based Ambulance/Hearse)
8	0.0	12	Large limousine (more than four side doors or stretch chassis)
Utility Vehicles			
7943	8.2	14	Compact utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)
1664	1.7	15	Large utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)
544	0.6	16	Utility station wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
107	0.1	17	3-door coupe (passenger car)
422	0.4	19	Utility vehicle, unknown body type
Van-Based Light Trucks (<4,536 kg GVWR)			
4230	4.4	20	Minivan (Chrysler Town & Country, Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
1434	1.5	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
30	0.0	22	Step van or walk-in van (< 4,536 kg GVWR)
13	0.0	23	Van-based motorhome
6	0.0	24	Van-based school bus
44	0.0	25	Van-based other bus
39	0.0	28	Other van type (Hi-Cube, Kary)
756	0.8	29	Unknown van type
Lt Conventional Truck (P.U. style cab, <4,536 kg GVWR)			
4882	5.1	30	Compact pickup
7181	7.4	31	Large pickup
26	0.0	32	Pickup with slide-in camper
1	0.0	33	Convertible pickup
1200	1.2	39	Unknown (pickup style) light conventional truck
Other Light Trucks (<4,536 kg GVWR)			
197	0.2	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck-based panel
5	0.0	42	Light truck-based motorhome (chassis mounted)
6	0.0	45	Other light truck type
360	0.4	48	Unknown light truck type (utility, van, pickup, or other light truck)

Variable 158:IMPUTED BODY TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
			Buses (excludes van-based)
178	0.2	50	School bus (designed to carry students, not cross country or transit)
218	0.2	58	Other bus type (e.g., transit, intercity, bus-based motorhome)
7	0.0	59	Unknown bus type
			Medium/Heavy Trucks (>4,536 kg GVWR)
38	0.0	60	Step Van
3065	3.2	64	Single unit straight truck
18	0.0	65	Medium/heavy truck-based motorhome
5664	5.9	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
987	1.0	78	Unknown medium/heavy truck type
			Motored Cycles (Does not include all terrain vehicles/cycles)
1488	1.5	80	Motorcycle
31	0.0	81	Moped (motorized bicycle)
1	0.0	82	Three wheeled motorcycle or moped
39	0.0	88	Other motored cycle type (minibike, motorscooter)
10	0.0	89	Unknown motored cycle type
			Other Vehicles
58	0.1	90	ATV (all terrain vehicle) and ATC (all terrain cycle)
1	0.0	91	Snowmobile
29	0.0	92	Farm equipment other than trucks
22	0.0	93	Construction equipment other than trucks (includes graders)
24	0.0	97	Other type vehicle (e.g., go-cart, fork lift, city street sweeper, motorized wheelchair)

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
91861	95.3	0	No, did not leave scene
4563	4.7	1	Yes, driver or car and driver left scene

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
2806	2.9	0	No damage/noncollision
44321	46.0	1	Front
14590	15.1	2	Rightside
15204	15.8	3	Leftside
17206	17.8	4	Back
128	0.1	5	Top
463	0.5	6	Undercarriage
697	0.7	11	Front right corner
810	0.8	12	Front left corner
97	0.1	13	Back right corner
102	0.1	14	Back left corner

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
345	0.4	0	No driver present
52268	54.2	1	Going straight
4888	5.1	2	Decelerating in traffic lane
179	0.2	3	Accelerating in traffic lane
2023	2.1	4	Starting in traffic lane
11192	11.6	5	Stopped in traffic lane
1153	1.2	6	Passing or overtaking another vehicle
193	0.2	7	Disabled or parked in travel lane
606	0.6	8	Leaving a parked position
102	0.1	9	Entering a parked position
2706	2.8	10	Turning right
9700	10.1	11	Turning left
457	0.5	12	Making U-turn
956	1.0	13	Backing up (other than for parking purposes)
5181	5.4	14	Negotiating a curve
3168	3.3	15	Changing lanes
452	0.5	16	Merging
163	0.2	17	Successful corrective action to a previous critical event
692	0.7	97	Other

<u>Variable 162</u>	<u>IMPUTED MODEL YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value	Description
1	0.0	1920	1920	
		-		
7043	7.3	1995	1995	
6318	6.6	1996	1996	
7065	7.3	1997	1997	
7098	7.4	1998	1998	
7706	8.0	1999	1999	
8570	8.9	2000	2000	
7808	8.1	2001	2001	
5814	6.0	2002	2002	
550	0.6	2003	2003	

<u>Variable 163</u>	<u>IMP MAX INJ SEV IN VEH</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value	Description
59515	61.7	0	No injury	
12929	13.4	1	Possible injury	
10961	11.4	2	Nonincapacitating	
11299	11.7	3	Incapacitating	
1198	1.2	4	Fatal injury	
204	0.2	5	Injured, unknown severity	
6	0.0	6	Died prior	
312	0.3	8	No person coded in crash	

<u>Variable 164</u>	<u>IMP NUM INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value	Description
59833	62.1	0	None	
28351	29.4	1		
		-	Actual number of people injured	
1	0.0	39		

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
61550	63.8	0	None
2105	2.2	1	Alcohol or drugs
105	0.1	2	Speeding
2775	2.9	3	Alcohol or drugs and speeding
657	0.7	4	Reckless driving
806	0.8	5	Driving with a suspended or revoked license
4466	4.6	6	Failure to yield right of way
1576	1.6	7	Running a traffic signal or stop sign
3270	3.4	50	Hit & run (and no information)
354	0.4	95	Driver not present
3965	4.1	96	Not reported
2094	2.2	97	Violation charged - no details
12701	13.2	98	Other violation

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
2795	2.9	0	Noncollision
53711	55.7	1	Striking
33622	34.9	2	Struck
6296	6.5	3	Both striking and struck

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
5030	5.2	1	Alcohol involved
91394	94.8	2	No Alcohol involved
0	0.0	8	No person coded

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
Noncollision			
3842	4.0	1	Rollover/overturn
107	0.1	2	Fire/explosion
21	0.0	3	Immersion
0	0.0	4	Gas inhalation
101	0.1	5	Jackknife
81	0.1	6	Noncollision injury (injury in or fell from vehicle)
7	0.0	7	Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
345	0.4	8	Other noncollision
4	0.0	9	Noncollision - no details
20	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1582	1.6	21	Pedestrian
1120	1.2	22	Cycle or cyclist (pedalcycle or pedalcyclist)
31	0.0	23	Railway train
1171	1.2	24	Animal
75777	78.6	25	Motor vehicle in transport
1687	1.7	26	Parked motor vehicle (or other mv not in transport)
66	0.1	27	Other type nonmotorist
700	0.7	28	Other object not fixed
15	0.0	29	Object not fixed - no details
Collision with Fixed Object			
49	0.1	31	Ground
125	0.1	32	Building
29	0.0	33	Impact attenuator or crash cushion
257	0.3	34	Bridge structure (pier/abutment/parapet end)
1104	1.1	35	Guardrail
968	1.0	36	Concrete traffic barrier or other longitudinal barrier type
2016	2.1	37	Post, pole or support (sign post, utility post)
1081	1.1	38	Culvert or ditch
493	0.5	39	Curb
469	0.5	40	Embankment
403	0.4	41	Fence
188	0.2	42	Wall
91	0.1	43	Fire hydrant
56	0.1	44	Shrubbery or bush
1841	1.9	45	Tree
81	0.1	46	Boulder
447	0.5	58	Other fixed object
45	0.0	59	Fixed object - no details
4	0.0	99	Unknown most harmful event

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

First traffic control device for this vehicle

30Jul03	Prcnt	Code	Value and Description
60374	62.6	0	No controls
			Not at Railroad Grade Crossing
			Trafficway Traffic Signals
22553	23.4	1	Traffic control signal (on colors)
585	0.6	4	Flashing traffic control signal or flashing beacon
31	0.0	8	Other traffic signal
14	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs:
6639	6.9	21	Stop sign
860	0.9	22	Yield sign
11	0.0	23	School zone related sign
202	0.2	28	Other sign
5	0.0	29	Unknown sign
			Warning Signs
420	0.4	40	Advisory speed sign
78	0.1	41	Warning sign for road conditions (hill, steep grade, etc.)
558	0.6	42	Warning sign for road construction
1	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead)
182	0.2	49	Unknown type warning sign
			Miscellaneous not at Railroad Crossing:
206	0.2	51	Officer, crossing guard, flagman, etc.
			At Railroad Grade Crossing
70	0.1	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
41	0.0	62	Passive devices at RR crossing (stop sign, cross-bucks)
			Other/Unknown
136	0.1	97	Traffic control present - no details
569	0.6	98	Other traffic control (whether or not at RR grade crossing)
2889	3.0	99	Unknown

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

Second traffic control device for this vehicle

30Jul03	Prcnt	Code	Value and Description
95849	99.4	0	No controls
			Not at Railroad Grade Crossing
			Trafficway Traffic Signals
0	0.0	1	Traffic control signal (on colors)
11	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:
56	0.1	21	Stop sign
8	0.0	22	Yield sign
0	0.0	23	School zone related sign
49	0.1	28	Other sign
1	0.0	29	Unknown sign
			Warning Signs
66	0.1	40	Advisory speed sign
13	0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
81	0.1	42	Warning sign for road construction
0	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead)
5	0.0	49	Unknown type warning sign
			Miscellaneous not at Railroad Crossing:
40	0.0	51	Officer, crossing guard, flagman, etc.
			At Railroad Grade Crossing
3	0.0	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
5	0.0	62	Passive devices at RR crossing (stop sign, cross-bucks)
			Other/Unknown
1	0.0	97	Traffic control present - no details
236	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

Third traffic control device for this vehicle

30Jul03	Prcnt	Code	Value and Description
96395	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
1	0.0	28	Other sign
0	0.0	29	Unknown sign
			Warning Signs
0	0.0	40	Advisory speed sign
7	0.0	41	Warning sign for road conditions (hill, steep grade, etc.)
3	0.0	42	Warning sign for road construction
2	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead)
0	0.0	49	Unknown type warning sign
			Miscellaneous not at Railroad Crossing:
2	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 devices at RR crossing (stop sign, cross-bucks)
			Other/Unknown
0	0.0	97	Traffic control present - no details
14	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

Fourth traffic control device for this vehicle

30Jul03	Prcnt	Code	Value and Description
96422	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.)
1	0.0	42	Warning sign for road construction
0	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead)
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 devices at RR crossing (stop sign, cross-bucks)
			Other/Unknown
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

Driver maneuvered to avoid #1

30Jul03	Prcnt	Code	Value and Description
13380	13.9	0	Driver did not maneuver to avoid
229	0.2	1	Object in road
20	0.0	2	Poor road conditions (puddle, ice, pothole, etc)
543	0.6	3	Animal in road
8745	9.1	4	Vehicle in road
394	0.4	5	Pedestrian, pedalcyclist or other nonmotorist in road
4307	4.5	50	Hit & run (and no information)
25800	26.8	93	Not on police report
11704	12.1	94	Not coded
345	0.4	95	No driver present
48	0.0	97	Avoidance maneuver - no details
30909	32.1	99	Unknown if driver maneuvered to avoid

Variable 174	DRVR MANEUVER TO AVOID#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Driver maneuvered to avoid #2

30Jul03	Prcnt	Code	Value and Description
96420	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
3	0.0	4	Vehicle in road
1	0.0	5	Pedestrian, pedalcyclist or other nonmotorist in road
0	0.0	50	Hit & run (and no information)
0	0.0	93	Not on police report
0	0.0	94	Not coded
0	0.0	95	No driver present
0	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

Vehicle contributing factors #1

30Jul03	Prcnt	Code	Value and Description
89094	92.4	0	No vehicle contributing factors
566	0.6	1	Tires
409	0.4	2	Brake system
86	0.1	3	Steering system - tie rod, kingpin, ball joint, etc.

Variable 175:VEHICLE CONTRIB FACTOR#1 (Continued)

30Jul03	Prcnt	Code	Value and Description
20	0.0	4	Suspension - springs, shock absorbers, macpherson struts, control arms, etc.
114	0.1	5	Power train - universal joint, drive shaft, transmission
2	0.0	6	Exhaust system
19	0.0	7	Headlights
16	0.0	8	Signal lights
30	0.0	9	Other lights
5	0.0	10	Wipers
66	0.1	11	Wheels
7	0.0	12	Mirrors
4	0.0	13	Driver seating and control
7	0.0	14	Body, doors
29	0.0	15	Trailer hitch
4116	4.3	50	Hit-and-run vehicle
165	0.2	97	Vehicle contributing factors - no details
93	0.1	98	Other vehicle contributing factors
1576	1.6	99	Unknown if vehicle has contributing factors

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

Vehicle contributing factors #2

30Jul03	Prcnt	Code	Value and Description
96375	99.9	0	No vehicle contributing factors
0	0.0	1	Tires
11	0.0	2	Brake system
7	0.0	3	Steering system - tie rod, kingpin, ball joint, etc.
1	0.0	4	Suspension - springs, shock absorbers, macpherson struts, control arms, etc.
7	0.0	5	Power train - universal joint, drive shaft, transmission
1	0.0	6	Exhaust system
0	0.0	7	Headlights
4	0.0	8	Signal lights
4	0.0	9	Other lights
0	0.0	10	Wipers
6	0.0	11	Wheels
1	0.0	12	Mirrors
0	0.0	13	Driver seating and control
1	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
4	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

Vehicle contributing factors #3

30Jul03	Prcnt	Code	Value and Description
96419	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.
1	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
1	0.0	7	Headlights
0	0.0	8	Signal lights
2	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 178	VEHICLE CONTRIB FACTOR#4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vehicle contributing factors #4

30Jul03	Prcnt	Code	Value and Description
96422	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

Variable 178:VEHICLE CONTRIB FACTOR#4 (Continued)

30Jul03	Prcnt	Code	Value and Description
	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 179 VISION OBSCURED BY #1 Width: 2 Type: Numeric
Dec: None Miss: 99

Driver's vision obscured by #1

30Jul03	Prcnt	Code	Value and Description
55304	57.4	0	No obstruction
263	0.3	1	Rain, snow, smoke, sand, dust
418	0.4	2	Reflected glare, bright sunlight, headlights
233	0.2	3	Curve or hill
37	0.0	4	Building, billboard, or other design features (includes signs, embankment)
111	0.1	5	Trees, crops, vegetation
831	0.9	6	Moving vehicle (including load)
740	0.8	7	Parked vehicle
5	0.0	8	Splash or spray of passing vehicle
10	0.0	9	Inadequate defrost or defog system
65	0.1	10	Inadequate lighting system
10	0.0	11	Obstruction interior to the vehicle
3	0.0	12	External mirrors
0	0.0	13	Head restraints
55	0.1	14	Broken or improperly cleaned windshield
55	0.1	15	Fog
4126	4.3	50	Hit & run vehicle (and no information)
345	0.4	95	No driver present
32635	33.8	96	Not reported
176	0.2	97	Vision obscured - no details
169	0.2	98	Other obstruction
833	0.9	99	Unknown whether vision was obscured

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

Driver's vision obscured by #2

30Jul03	Prcnt	Code	Value and Description
96377	100.0	0	No obstruction
0	0.0	1	Rain, snow, smoke, sand, dust
0	0.0	2	Reflected glare, bright sunlight, headlights
2	0.0	3	Curve or hill
3	0.0	4	Building, billboard, or other design features (includes signs, embankment)

Variable 180:VISION OBSCURED BY #2 (Continued)

30Jul03	Prcnt	Code	Value and Description
		5	Trees, crops, vegetation
1	0.0	6	Moving vehicle (including load)
11	0.0	7	Parked vehicle
0	0.0	8	Splash or spray of passing vehicle
1	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
5	0.0	14	Broken or improperly cleaned windshield
2	0.0	15	Fog
0	0.0	50	Hit & run vehicle (and no information)
0	0.0	95	No driver present
0	0.0	96	Not reported
0	0.0	97	Vision obscured - no details
11	0.0	98	Other obstruction
0	0.0	99	Unknown whether vision was obscured

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

Driver's vision obscured by #3

30Jul03	Prcnt	Code	Value and Description
96422	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
1	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	95	No driver present
0	0.0	96	Not reported
0	0.0	97	Vision obscured - no details
1	0.0	98	Other obstruction
0	0.0	99	Unknown whether vision was obscured

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

Driver distracted by #1

30Jul03	Prcnt	Code	Value and Description
39277	40.7	0	Not distracted
2516	2.6	1	Looked but did not see
233	0.2	3	By other occupant(s)
49	0.1	4	By moving object in vehicle
112	0.1	5	While talking or listening to phone
13	0.0	6	While dialing phone
13	0.0	7	While adjusting climate control
96	0.1	8	While adjusting radio, cassette, or CD
62	0.1	9	While using other devices integral to vehicle
315	0.3	10	While using or reaching for other devices
1135	1.2	11	Sleepy or fell asleep
482	0.5	12	Distracted by outside person or object
83	0.1	13	Eating or drinking
27	0.0	14	Smoking related
14057	14.6	93	Not on police report
25416	26.4	94	Not coded
345	0.4	95	No driver present
7117	7.4	97	Inattentive or lost in thought
808	0.8	98	Other, distraction or inattention
4268	4.4	99	Unknown if distracted

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

Driver distracted by #2

30Jul03	Prcnt	Code	Value and Description
96366	99.9	0	Not distracted
8	0.0	1	Looked but did not see
1	0.0	3	By other occupant(s)
2	0.0	4	By moving object in vehicle
7	0.0	5	While talking or listening to phone
2	0.0	6	While dialing phone
1	0.0	7	While adjusting climate control
2	0.0	8	While adjusting radio, cassette, or CD
3	0.0	9	While using other devices integral to vehicle
13	0.0	10	While using or reaching for other devices
6	0.0	11	Sleepy or fell asleep
0	0.0	12	Distracted by outside person or object
1	0.0	13	Eating or drinking
0	0.0	14	Smoking related
0	0.0	93	Not on police report
0	0.0	94	Not coded
0	0.0	95	No driver present
0	0.0	97	Inattentive or lost in thought
12	0.0	98	Other, distraction or inattention

Variable 183:DRIVER DISTRACTED BY #2 (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	99	Unknown if distracted

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

Driver distracted by #3

30Jul03	Prcnt	Code	Value and Description
96423	100.0	0	Not distracted
0	0.0	1	Looked but did not see
0	0.0	3	By other occupant(s)
0	0.0	4	By moving object in vehicle
1	0.0	5	While talking or listening to phone
0	0.0	6	While dialing 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 devices integral to vehicle
0	0.0	10	While using or reaching for other devices
0	0.0	11	Sleepy or fell asleep
0	0.0	12	Distracted by outside person or object
0	0.0	13	Eating or drinking
0	0.0	14	Smoking related
0	0.0	93	Not on police report
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 or inattention
0	0.0	99	Unknown if distracted

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

Driver violations charged #1

30Jul03	Prcnt	Code	Value and Description
61445	63.7	0	None
2103	2.2	1	Alcohol
104	0.1	2	Drugs
2775	2.9	3	Speeding
653	0.7	4	Reckless driving
804	0.8	5	Driving with a suspended or revoked license
4460	4.6	6	Failure to yield right-of-way
1574	1.6	7	Running a traffic signal or stop sign
3270	3.4	50	Hit & run (and no information)
345	0.4	95	No driver present
3960	4.1	96	Not reported

Variable 185:DRVR VIOLATNS CHARGED #1 (Continued)

30Jul03	Prcnt	Code	Value and Description
2091	2.2	97	Violation charged - no details
12680	13.2	98	Other violation
160	0.2	99	Unknown if charged

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

Driver violations charged #2

30Jul03	Prcnt	Code	Value and Description
93019	96.5	0	None
0	0.0	1	Alcohol
44	0.0	2	Drugs
179	0.2	3	Speeding
132	0.1	4	Reckless driving
222	0.2	5	Driving with a suspended or revoked license
142	0.1	6	Failure to yield right-of-way
104	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
0	0.0	97	Violation charged - no details
2582	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

Driver violations charged #3

30Jul03	Prcnt	Code	Value and Description
96006	99.6	0	None
0	0.0	1	Alcohol
0	0.0	2	Drugs
6	0.0	3	Speeding
10	0.0	4	Reckless driving
36	0.0	5	Driving with a suspended or revoked license
8	0.0	6	Failure to yield right-of-way
18	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
340	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

Driver violations charged #4

30Jul03	Prcnt	Code	Value and Description
96374	99.9	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
1	0.0	6	Failure to yield right-of-way
1	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

Driver violations charged #5

30Jul03	Prcnt	Code	Value and Description
96423	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
0	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
1	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

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

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

30Jul03	Prcnt	Code	Value and Description
75691	55.5	1	Vehicle #1
52054	38.2	2	Vehicle #2
6740	4.9	3	Vehicle #3
1356	1.0	4	Vehicle #4
330	0.2	5	Vehicle #5
100	0.1	6	Vehicle #6
28	0.0	7	Vehicle #7
		-	
2	0.0	33	Vehicle #33

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

30Jul03	Prcnt	Code	Value and Description
96112	70.5	1	
		-	Occupant number
1	0.0	63	

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

Indicates the role of the occupant in the vehicle

30Jul03	Prcnt	Code	Value and Description
			Motorists
96070	70.5	1	Driver of motor vehicle in transport
40281	29.5	2	Passenger of a motor vehicle in transport
11	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

Occupant seating position

30Jul03	Prcnt	Code	Value and Description
96063	70.4	11	Front seat - left side (driver's side)
683	0.5	12	Front seat - middle
21536	15.8	13	Front seat - right side
98	0.1	18	Front seat - other
60	0.0	19	Front seat - unknown
5191	3.8	21	Second seat - left side
2097	1.5	22	Second seat - middle
6170	4.5	23	Second seat - right side
156	0.1	28	Second seat - other
250	0.2	29	Second seat - unknown
207	0.2	31	Third seat - left side
99	0.1	32	Third seat - middle
206	0.2	33	Third seat - right side
113	0.1	38	Third seat - other
32	0.0	39	Third seat - unknown
99	0.1	50	Sleeper section of cab (truck)
1763	1.3	51	Other passenger in passenger or cargo area
2	0.0	52	Trailing unit
126	0.1	53	Riding on vehicle exterior
1411	1.0	99	Unknown

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

Occupant restraint system use

30Jul03	Prcnt	Code	Value and Description
11509	8.4	0	None used or N/A
90038	66.0	1	Lap/shoulder belt
3931	2.9	2	Lap belt

Variable 206:OCC RESTRAINT SYSTEM USE (Continued)

30Jul03	Prcnt	Code	Value and Description
833	0.6	3	Shoulder belt
1033	0.8	5	Motorcycle helmet
2982	2.2	6	Child safety seat
766	0.6	7	None available
10587	7.8	8	Restraint used - specifics unknown or other
14683	10.8	9	Unknown if used

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

30Jul03	Prcnt	Code	Value and Description
44229	32.4	0	No air bag available
13246	9.7	1	Deployed
22550	16.5	2	Non-deployed
0	0.0	8	Not applicable
56337	41.3	9	Unknown if available or deployed

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

30Jul03	Prcnt	Code	Value and Description
130617	95.8	0	Not ejected
867	0.6	1	Totally ejected
166	0.1	2	Partially ejected
32	0.0	7	Ejected - unknown degree
1759	1.3	8	Not applicable
2921	2.1	9	Unknown

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

30Jul03	Prcnt	Code	Value and Description
523	0.4	0	Up to one year
804	0.6	1	- Age in years
2	0.0	100	
8762	6.4	999	Unknown

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

30Jul03 Prcnt Code Value and Description

76387	56.0	1	Male
54234	39.8	2	Female
5741	4.2	9	Unknown

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

Occupant injury severity

30Jul03 Prcnt Code Value and Description

84459	61.9	0	O - No injury
17955	13.2	1	C - Possible injury
14322	10.5	2	B - Nonincapacitating injury
13753	10.1	3	A - Incapacitating injury
1282	0.9	4	K - Fatal injury
303	0.2	5	U - Injured - severity unknown
7	0.0	6	Died prior to crash
4281	3.1	9	Unknown if injured

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

Occupant taken to hospital or treatment facility

30Jul03 Prcnt Code Value and Description

100863	74.0	0	No
31830	23.3	1	Yes
3669	2.7	9	Unknown

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

Police crash report alcohol involvement - drivers only

30Jul03 Prcnt Code Value and Description

40292	29.5	0	Not applicable
83142	61.0	1	No (alcohol not involved)
4316	3.2	2	Alcohol involved
886	0.6	6	Not on police report
2979	2.2	7	Not coded
4747	3.5	9	Unknown (police reported)

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

Police crash report drug involvement - drivers only

30Jul03	Prcnt	Code	Value and Description
40292	29.5	0	Not applicable
82914	60.8	1	Drugs not involved
533	0.4	2	Drugs involved
4498	3.3	6	Not on police report
3273	2.4	7	Not coded
4852	3.6	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

Police Jurisdiction codes repeated in each PSU.

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

30Jul03	Prcnt	Code	Value and Description
22991	16.9	1	Group 1L - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.
21868	16.0	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
15025	11.0	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)

30Jul03	Prcnt	Code	Value and Description
26631	19.5	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.
16578	12.2	5	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.
33269	24.4	6	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.

Variable 218	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

30Jul03	Prcnt	Code	Value and Description
18434	13.5	1	Northeast
29579	21.7	2	Midwest
61204	44.9	3	South
27145	19.9	4	West

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

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
615	0.5	0	Up to one year
939	0.7	1	
		-	Age in years
2	0.0	100	

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
40292	29.5	0	Not applicable
91040	66.8	1	Alcohol not involved
5030	3.7	2	Alcohol involved

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
133484	97.9	0	Not ejected
867	0.6	1	Totally ejected
166	0.1	2	Partially ejected
32	0.0	7	Ejected - no details
1813	1.3	8	Not applicable

Variable 224	IMP OCC INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
88039	64.6	0	O - No injury
18305	13.4	1	C - Possible injury
14558	10.7	2	B - Nonincapacitating injury
13819	10.1	3	A - Incapacitating injury
1323	1.0	4	K - Fatal injury
311	0.2	5	U - Injured - severity unknown
7	0.0	6	Died prior to crash

Variable 225	IMP OCC SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
97423	71.4	11	Front seat - left side (driver's side)
688	0.5	12	Front seat - middle
21662	15.9	13	Front seat - right side
0	0.0	18	Front seat - other
0	0.0	19	Front seat - unknown
5353	3.9	21	Second seat - left side
2167	1.6	22	Second seat - middle
6344	4.7	23	Second seat - right side
0	0.0	28	Second seat - other
0	0.0	29	Second seat - unknown
262	0.2	31	Third seat - left side
130	0.1	32	Third seat - middle
265	0.2	33	Third seat - right side
0	0.0	38	Third seat - other
0	0.0	39	Third seat - unknown
101	0.1	50	Sleeper section of cab (truck)
1839	1.3	51	Other passenger in passenger or cargo area
2	0.0	52	Trailing unit
126	0.1	53	Riding on vehicle exterior

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
79954	58.6	1	Male
56408	41.4	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

Physical impairment #1

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

30Jul03	Prcnt	Code	Value and Description
Coded for Driver Only:			
127559	93.5	0	None
460	0.3	1	Ill, blackout
1116	0.8	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
10	0.0	4	Paraplegic or restricted to wheelchair
5	0.0	5	Impaired due to previous injury
7	0.0	6	Deaf
0	0.0	7	Blind
77	0.1	97	Physical impairment - no details
2995	2.2	98	Other physical impairment
4133	3.0	99	Unknown if physically impaired

Variable 228	PHYSICAL IMPAIRMENT #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Physical impairment #2

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

30Jul03	Prcnt	Code	Value and Description
Coded for Driver Only:			
136284	99.9	0	None
0	0.0	1	Ill, blackout
4	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
0	0.0	6	Deaf
0	0.0	7	Blind
0	0.0	97	Physical impairment - no details
74	0.1	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

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

Vehicle number which made contact with the nonmotorist

30Jul03	Prcnt	Code	Value and Description
3184	97.9	1	Vehicle #1
54	1.7	2	Vehicle #2
13	0.4	3	Vehicle #3
1	0.0	5	Vehicle #5

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

30Jul03	Prcnt	Code	Value and Description
3036	93.4	1	
		-	Nonmotorist number
2	0.1	6	

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

Indicates the role of the nonmotorist

30Jul03	Prcnt	Code	Value and Description
			Nonmotorists - Occupant
286	8.8	3	Occupant of a motor vehicle not in transport
72	2.2	4	Occupant of a nonmotor vehicle transport device
			Nonmotorists - Non-occupant
1734	53.3	5	Pedestrian

Variable 304:NONMOTORIST TYPE (Continued)

30Jul03	Prcnt	Code	Value and Description
1154	35.5	6	Cyclist (pedalcyclist)
6	0.2	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

30Jul03	Prcnt	Code	Value and Description
4	0.1	0	Up to one year
9	0.3	1	
		-	Age in years
1	0.0	93	
115	3.5	999	Unknown

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

30Jul03	Prcnt	Code	Value and Description
2198	67.6	1	Male
1024	31.5	2	Female
30	0.9	9	Unknown

<u>Variable 311</u>	<u>NMTR INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Nonmotorist injury severity

30Jul03	Prcnt	Code	Value and Description
217	6.7	0	O - No injury
246	7.6	1	C - Possible injury
1793	55.1	2	B - Nonincapacitating injury
842	25.9	3	A - Incapacitating injury
100	3.1	4	K - Fatal injury
30	0.9	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash
24	0.7	9	Unknown if injured

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

Nonmotorist taken to hospital or treatment facility

30Jul03	Prcnt	Code	Value and Description
840	25.8	0	No
2161	66.5	1	Yes
251	7.7	9	Unknown

<u>Variable 313</u>	<u>PAR ALCOHOL INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police crash report alcohol involvement

30Jul03	Prcnt	Code	Value and Description
286	8.8	0	Not applicable
2264	69.6	1	No (alcohol not involved)
214	6.6	2	Alcohol involved
19	0.6	6	Not on police report
337	10.4	7	Not coded
132	4.1	9	Unknown (police reported)

<u>Variable 314</u>	<u>PAR DRUG INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police crash report drug involvement

30Jul03	Prcnt	Code	Value and Description
286	8.8	0	Not applicable
2359	72.5	1	Drugs not involved

Variable 314:PAR DRUG INVOLVEMENT (Continued)

30Jul03 Prcnt Code Value and Description

20	0.6	2	Drugs involved
104	3.2	6	Not on police report
358	11.0	7	Not coded
125	3.8	9	Unknown (police reported)

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

Nonmotorist location

30Jul03 Prcnt Code Value and Description

0	0.0	0	Not applicable - driver or occupant of MV in transport
647	19.9	1	Intersection - in crosswalk
802	24.7	2	Intersection - on roadway
28	0.9	8	Intersection - other
21	0.6	9	Intersection - unknown location
34	1.0	11	Nonintersection - in crosswalk
1217	37.4	12	Nonintersection - on roadway
308	9.5	18	Nonintersection - other
9	0.3	19	Nonintersection - unknown location
2	0.1	20	In crosswalk - unknown if intersection
169	5.2	98	Other location
15	0.5	99	Unknown location

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

Police Jurisdiction codes repeated in each PSU.

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

30Jul03 Prcnt Code Value and Description

101	3.1	1	Group 1L - is used if an occupant of a towed, passenger vehicle is killed. Stratum L also applies when the crash involves one passenger vehicle, the passenger vehicle is towed and one of the occupants receives an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles are towed and one of the occupants of the towed passenger vehicles receives an A injury and is transported to a medical facility for treatment.
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Variable 317:STRATUM (Continued)

30Jul03	Prcnt	Code	Value and Description
153	4.7	2	Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C.
2638	81.1	3	Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B.
250	7.7	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.
34	1.0	5	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.
76	2.3	6	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.

Variable 318	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

30Jul03	Prcnt	Code	Value and Description
707	21.7	1	Northeast
707	21.7	2	Midwest
942	29.0	3	South
896	27.6	4	West

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

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
4	0.1	0	Up to one year
9	0.3	1	-
			Age in years
1	0.0	93	

Variable 322	IMP PAR ALC INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: None

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
286	8.8	0	Not applicable
2694	82.8	1	Alcohol not involved
272	8.4	2	Alcohol involved
0	0.0	8	Not reported

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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
226	6.9	0	O - No injury
253	7.8	1	C - Possible injury

Variable 324:IMP NMTR INJURY SEVERITY (Continued)

30Jul03	Prcnt	Code	Value and Description
1798	55.3	2	B - Nonincapacitating injury
842	25.9	3	A - Incapacitating injury
101	3.1	4	K - Fatal injury
32	1.0	5	U - Injured - severity unknown
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

This variable was imputed by NHTSA

30Jul03	Prcnt	Code	Value and Description
2221	68.3	1	Male
1031	31.7	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

Physical impairment #1

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

30Jul03	Prcnt	Code	Value and Description
Coded for nonmotorist only:			
2865	88.1	0	None
1	0.0	1	Ill, blackout
1	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
5	0.2	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
1	0.0	6	Deaf
1	0.0	7	Blind

Variable 327:PHYSICAL IMPAIRMENT #1 (Continued)

30Jul03	Prcnt	Code	Value and Description
		97	Physical impairment - no details
		98	Other physical impairments
		99	Unknown if physically impaired

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

Physical impairment #2

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

30Jul03	Prcnt	Code	Value and Description
Coded for nonmotorist only:			
3252	100.0	0	None
		1	Ill, blackout
		2	Drowsy, sleepy, fell asleep, fatigued
		3	Requires cane or crutches
		4	Paraplegic or restricted to wheelchair
		5	Impaired due to previous injury
		6	Deaf
		7	Blind
		97	Physical impairment - no details
		98	Other physical impairments
		99	Unknown if physically impaired

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

Nonmotorist action #1

30Jul03	Prcnt	Code	Value and Description
1248	38.4	0	No action
Nonmotorist Vehicle Operator:			
		1	Failing to have lights on when required
		2	Operating without required equipment
		3	Improper or erratic lane changing
		4	Failure to keep in proper lane or running off road
		5	Making improper entry to or exit from trafficway
		6	Operating the vehicle in erratic, reckless, negligent manner
		7	Failure to yield right of way
		8	Failure to obey traffic signs, traffic control devices or traffic control officers, failure to obey safety zone
		9	Making other improper turn

Variable 329:NONMOTORIST ACTION #1 (Continued)

30Jul03	Prcnt	Code	Value and Description
118	3.6	10	Driving on wrong side of road
Other Nonmotorist:			
360	11.1	21	Darting or running into road
414	12.7	22	Improper crossing of roadway or intersection (jaywalking)
8	0.2	24	Inattentive (talking, eating, etc.)
9	0.3	25	Jogging
4	0.1	26	Nonmotorist pushing a vehicle
58	1.8	27	Walking with traffic
24	0.7	28	Walking against traffic
141	4.3	29	Playing, working, sitting, lying, standing, etc. in roadway
183	5.6	98	Other action
125	3.8	99	Unknown action

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

Nonmotorist action #2

30Jul03	Prcnt	Code	Value and Description
2863	88.0	0	No action
Nonmotorist Vehicle Operator:			
0	0.0	1	Failing to have lights on when required
4	0.1	2	Operating without required equipment
0	0.0	3	Improper or erratic lane changing
12	0.4	4	Failure to keep in proper lane or running off road
4	0.1	5	Making improper entry to or exit from trafficway
6	0.2	6	Operating the vehicle in erratic, reckless, negligent manner
91	2.8	7	Failure to yield right of way
12	0.4	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
7	0.2	9	Making other improper turns
24	0.7	10	Driving on wrong side of road
Other Nonmotorists:			
0	0.0	21	Darting or running into road
182	5.6	22	Improper crossing of roadway or intersection (jaywalking)
16	0.5	24	Inattentive (talking, eating, etc.)
1	0.0	25	Jogging
0	0.0	26	Nonmotorist pushing a vehicle
1	0.0	27	Walking with traffic
1	0.0	28	Walking against traffic
7	0.2	29	Playing, working, sitting, lying, standing, etc. in roadway

Variable 330:NONMOTORIST ACTION #2 (Continued)

30Jul03	Prcnt	Code	Value and Description
21	0.6	98	Other action
0	0.0	99	Unknown action

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

Nonmotorist action #3

30Jul03	Prcnt	Code	Value and Description
3202	98.5	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
3	0.1	5	Making improper entry to or exit from trafficway
0	0.0	6	Operating the vehicle in erratic, reckless, negligent manner
14	0.4	7	Failure to yield right of way
3	0.1	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
5	0.2	9	Making other improper turns
6	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)
4	0.1	24	Inattentive (talking, eating, etc.)
1	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
4	0.1	29	Playing, working, sitting, lying, standing, etc. in roadway
10	0.3	98	Other action
0	0.0	99	Unknown action

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

Nonmotorist action #4

30Jul03	Prcnt	Code	Value and Description
3243	99.7	0	No action

Variable 332:NONMOTORIST ACTION #4 (Continued)

30Jul03	Prcnt	Code	Value and Description
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
1	0.0	6	Operating the vehicle in erratic, reckless, negligent manner
1	0.0	7	Failure to yield right of way
0	0.0	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
4	0.1	9	Making other improper turns
1	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
1	0.0	29	Playing, working, sitting, lying, standing, etc. in roadway
1	0.0	98	Other action
0	0.0	99	Unknown action

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

Nonmotorist action #5

30Jul03	Prcnt	Code	Value and Description
3251	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, negligent manner
0	0.0	7	Failure to yield right of way
0	0.0	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
0	0.0	9	Making other improper turns
0	0.0	10	Driving on wrong side of road

Variable 333:NONMOTORIST ACTION #5 (Continued)

30Jul03	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
1	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

Bicycle traffic control device #1

30Jul03	Prcnt	Code	Value and Description
2782	85.5	0	No controls
			Not at Railroad Grade Crossing
			Trafficway Traffic Signals
268	8.2	1	Traffic control signal (on colors)
1	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:
119	3.7	21	Stop sign
3	0.1	22	Yield sign
1	0.0	23	School zone related sign
2	0.1	28	Other sign
0	0.0	29	Unknown sign
			Warning Signs
1	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:
2	0.1	51	Officer, crossing guard, flagman, etc.

Variable 334: BICYCL TRAF CNTRL DEVC#1 (Continued)

30Jul03	Prcnt	Code	Value and Description
			At Railroad Grade Crossing
0	0.0	61	Active devices at RR crossing (gates, flashing lights, traffic signal)
0	0.0	62	Passive devices at RR crossing (stop sign, cross-bucks)
			Other/Unknown
8	0.2	97	Traffic control present - no details
2	0.1	98	Other traffic control (whether or not at RR grade crossing)
63	1.9	99	Unknown

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

Bicycle traffic control device #2

30Jul03	Prcnt	Code	Value and Description
3250	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
1	0.0	9	Unknown traffic signal
			Regulatory, School Zone Signs:
1	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:
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)

Variable 335: BICYCL TRAF CNTRL DEVC#2 (Continued)

30Jul03	Prcnt	Code	Value and Description
0	0.0	62	Passive devices at RR crossing (stop sign, cross-bucks)
			Other/Unknown
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	SAFETY EQUIPMENT USED #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Nonmotorist safety equipment used #1

30Jul03	Prcnt	Code	Value and Description
286	8.8	0	Not applicable
2397	73.7	1	None used
168	5.2	2	Bicycle helmet
29	0.9	3	Reflective equipment
0	0.0	4	Bicycle helmet and reflective equipment
8	0.2	8	Other safety equipment
364	11.2	9	Unknown if used

Variable 337	SAFETY EQUIPMENT USED #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Nonmotorist safety equipment used #2

30Jul03	Prcnt	Code	Value and Description
3249	99.9	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
2	0.1	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, m
absorber	176	4	Suspension - springs, shock absorbers, m
absorber	177	4	Suspension - springs, shock absorbers, m
absorber	178	4	Suspension - springs, shock absorbers, m
abutment	10	34	Bridge structure (pier/abutment/parapet
abutment	37	34	Bridge Structure (pier/abutment/parapet
abutment	75	134	Bridge structure (pier/abutment/parapet
abutment	133	34	Bridge structure (pier/abutment/parapet
abutment	168	34	Bridge structure (pier/abutment/parapet
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	74	From entrance to limited access highway
across	136	66	From crossing street - across path
action	25	15	Motorist overtaking, counteractive evasi
action	81	*	ACTION FOR THIS EVENT
action	135	17	Successful corrective action to a previo
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 devices at RR crossing (gates, fl
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 related driving c
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
age	309	*	NONMOTORIST AGE

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
age	321	*	IMPUTED NONMOTORIST AGE
ahead	20	43	Warning sign for environment / traffic (
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
airbag	207	*	AIRBAG AVAIL/FUNCTION
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	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
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 - is used if an occupant of a t
applies	80	1	Group 1L - is used if an occupant of a t
applies	154	1	Group 1L - is used if an occupant of a t
applies	217	1	Group 1L - is used if an occupant of a t
applies	317	1	Group 1L - is used if an occupant of a t
approach	25	97	Unknown if approach paths are parallel o
april	2	4	April

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
arm	175	4	Suspension - springs, shock absorbers, m
arm	176	4	Suspension - springs, shock absorbers, m
arm	177	4	Suspension - springs, shock absorbers, m
arm	178	4	Suspension - springs, shock absorbers, m
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) and ATC (all t
atc	158	90	ATV (all terrain vehicle) and ATC (all t
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) and ATC (all t
atv	158	90	ATV (all terrain vehicle) and ATC (all t
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	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 purpo
backing	136	56	Backing
backing	161	13	Backing up (other than for parking purpo
bag	207	0	No air bag available
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,
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 trafficway (median strip, barrie
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
belt	206	1	Lap/shoulder belt
benz	105	42	Mercedes Benz
bicycle	25	40	Is the pedalcyclist riding a children's
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
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
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 (smoke, blowing sand/dust/snow, cr
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
brake	176	2	Brake system
brake	177	2	Brake system
brake	178	2	Brake system
braked	137	8	Braked and steering left
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 (pier/abutment/parapet
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 (pier/abutment/parapet

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
bridge	133	34	Bridge structure (pier/abutment/parapet
bridge	168	34	Bridge structure (pier/abutment/parapet
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 CJ-5, Renegade, Go
bronco	158	14	Compact utility (Jeep CJ-5, Renegade, Go
bsa	105	70	BSA
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	24	Van-based school bus
bus	109	1	Bus
bus	112	2	Vehicle used as school bus
bus	158	24	Van-based school bus
bus-based	108	58	Other bus type (transit, intercity, bus-
bus-based	158	58	Other bus type (e.g., transit, intercity
bush	10	44	Shrubbery or bush
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)
car	112	7	Fire truck and car
car	158	17	3-door coupe (passenger car)
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,

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 (designed to carry students,
carry	158	50	School bus (designed to carry students,
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
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
cherokee	108	15	Large utility (Jeep Cherokee, Ramcharger
cherokee	158	15	Large utility (Jeep Cherokee, Ramcharger
chevrolet	105	20	Chevrolet
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 (e.g., go-cart, fork
city	158	97	Other type vehicle (e.g., go-cart, fork
cj-5	108	14	Compact utility (Jeep CJ-5, Renegade, Go
cj-5	158	14	Compact utility (Jeep CJ-5, Renegade, Go
clarification	30	4	Group 4 - applies if the crash does not

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
clarification	80	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
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)
commercial	25	2	Ride out, commercial driveway
compact	108	14	Compact utility (Jeep CJ-5, Renegade, Go
compact	158	14	Compact utility (Jeep CJ-5, Renegade, Go
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	48	42	Warning sign for road construction
construction	108	93	Construction equipment other than trucks
construction	112	12	Construction equipment

GES2002 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, m
control	176	4	Suspension - springs, shock absorbers, m
control	177	4	Suspension - springs, shock absorbers, m
control	178	4	Suspension - springs, shock absorbers, m
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/control de
control	331	8	Failure to obey traffic signs/control de
control	332	8	Failure to obey traffic signs/control de
control	333	8	Failure to obey traffic signs/control de
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 to a previo
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	79	*	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

GES2002 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
crash	10	33	Impact attenuator or crash cushion
crash	20	43	Warning sign for environment / traffic (
crash	25	*	PED/CYCLIST CRASH TYPE
crash	26	8	No person invovled in crash
crash	27	0	No person injured / property damage only
crash	30	1	Group 1L - is used if an occupant of a t
crash	37	33	Impact attenuator or crash cushion
crash	41	8	No person coded in crash
crash	43	0	No person injured / property damage only
crash	48	43	Warning sign for environment/traffic (fo
crash	75	133	Impact attenuator or crash cushion
crash	80	1	Group 1L - is used if an occupant of a t
crash	133	33	Impact attenuator or crash cushion
crash	141	98	Other crash type
crash	154	1	Group 1L - is used if an occupant of a t
crash	163	8	No person coded in crash
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 - is used 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 - is used 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
cream	25	130	Vendor / ice cream vendor
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	25	610	Pedestrian waiting to cross at / near cu
cross	108	50	School bus (designed to carry students,
cross	158	50	School bus (designed to carry students,
cross-buck	20	62	Passive devices (stop sign, cross-bucks)
cross-buck	48	62	Passive devices (stop sign, cross-bucks)
cross-buck	169	62	Passive devices at RR crossing (stop sig
cross-buck	170	62	Passive devices at RR crossing (stop sig
cross-buck	171	62	Passive devices at RR crossing (stop sig
cross-buck	172	62	Passive devices at RR crossing (stop sig
cross-buck	334	62	Passive devices at RR crossing (stop sig
cross-buck	335	62	Passive devices at RR crossing (stop sig
crossing	13	5	Rail grade crossing
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.

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 (smoke, blowing sand/dust/snow, cr
crosswind	49	8	Other (smog, smoke, blowing sand/dust/sn
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 cu
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
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
cyclist	133	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	168	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	304	6	Cyclist (pedalcyclist)
daewoo	105	64	Daewoo
daihatsu	105	60	Daihatsu
damage	27	0	No person injured / property damage only
damage	30	2	Group 2 - applies if the NASS crash does
damage	43	0	No person injured / property damage only
damage	80	2	Group 2 - applies if the NASS crash does
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	154	2	Group 2 - applies if the NASS crash does
damage	160	0	No damage/noncollision
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
datsum	105	35	Nissan/Datsun
dawn	22	4	Dawn
dawn	39	4	Dawn
day	4	*	ACCIDENT DAY OF WEEK
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

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Item	Var	CV	Variable Name or Code Value
degree	138	2	Skidding longitudinally - rotation less
degree	208	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 (designed to carry students,
designed	158	50	School bus (designed to carry students,
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 devices / controls int
device	183	9	While using other devices / controls int
device	184	9	While using other devices / controls int
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/control de
device	331	8	Failure to obey traffic signs/control de
device	332	8	Failure to obey traffic signs/control de
device	333	8	Failure to obey traffic signs/control de
device	334	61	Active devices at RR crossing (gates, fl
device	335	61	Active devices at RR crossing (gates, fl
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
died	163	6	Died prior
died	211	6	Died prior to crash
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	Disabling (severe)
disabling	136	3	Disabling vehicle failure (e.g. wheel fe
distracted	182	*	DRIVER DISTRACTED BY #1
distracted	183	*	DRIVER DISTRACTED BY #2
distracted	184	*	DRIVER DISTRACTED BY #3
distraction	182	98	Other, distraction or inattention
distraction	183	98	Other, distraction or inattention

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Item	Var	CV	Variable Name or Code Value
distraction	184	98	Other, distraction or inattention
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	1	Not physically divided (two way trafficw
divided	148	1	Not physically divided (two way traffic)
dodge	105	7	Dodge
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
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
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	Driver not 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

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Item	Var	CV	Variable Name or Code Value
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 - turning into same direct
driving	23	1	No adverse atmospheric related driving c
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
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
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
dusk	22	5	Dusk
dusk	39	5	Dusk
dust	23	8	Other (smoke, blowing sand/dust/snow, cr
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
eagle	105	10	Eagle
eagle	108	14	Compact utility (Jeep CJ-5, Renegade, Go
eagle	158	14	Compact utility (Jeep CJ-5, Renegade, Go
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.)

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Item	Var	CV	Variable Name or Code Value
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	25	1610	Wheelchair: On/near curb or roadway edge
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	Exiting / entering
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
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 (
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
evasive	25	15	Motorist overtaking, counteractive evasi
event	10	*	FIRST HARMFUL EVENT
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
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	Exiting / entering
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
facility	30	5	Group 1M - is used if the NASS crash doe
facility	80	5	Group 1M - is used if the NASS crash doe
facility	154	5	Group 1M - is used if the NASS crash doe
facility	217	5	Group 1M - is used if the NASS crash doe
facility	317	5	Group 1M - is used 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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
fatal	26	4	Fatal
fatal	41	4	Fatal
fatal	149	4	Fatal injury
fatal	163	4	Fatal injury
fatal	211	4	K - Fatal injury
fatal	224	4	K - Fatal injury
fatal	311	4	K - Fatal injury
fatal	324	4	K - Fatal injury
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	Noncollison injury - injured in or fell
fell	133	6	Noncollision injury (injury in or fell f
fell	136	3	Disabling vehicle failure (e.g. wheel fe
fell	168	6	Noncollision injury (injury in or fell f
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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.
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	Nondisabling vehicle problem (e.g. hood
flow	15	*	TRAFFICWAY FLOW
flow	148	*	TRAFFICWAY FLOW
fog	20	43	Warning sign for environment / traffic (
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
fork	108	97	Other type vehicle (e.g., go-cart, fork
fork	158	97	Other type vehicle (e.g., go-cart, fork
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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)
function	207	*	AIRBAG AVAIL/FUNCTION
functional	131	2	Functional (moderate)
further	30	4	Group 4 - applies if the crash does not
further	80	4	Group 4 - applies if the crash does not
further	154	4	Group 4 - applies if the crash does not
further	217	4	Group 4 - applies if the crash does not
further	317	4	Group 4 - applies if the crash does not
fwd	105	83	FWD
garbage	109	8	Garbage/refuse
gas	10	4	Gas inhalation
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 devices at RR crossing (gates, fl
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 (Chev. Suburban, G
gmc	158	16	Utility station wagon (Chev. Suburban, G
go-cart	108	97	Other type vehicle (e.g., go-cart, fork
go-cart	158	97	Other type vehicle (e.g., go-cart, fork
golden	108	14	Compact utility (Jeep CJ-5, Renegade, Go
golden	158	14	Compact utility (Jeep CJ-5, Renegade, Go
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,

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 (Chev. Suburban, G
grand	158	16	Utility station wagon (Chev. Suburban, G
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 - is used if an occupant of a t
group	80	1	Group 1L - is used if an occupant of a t
group	154	1	Group 1L - is used if an occupant of a t
group	217	1	Group 1L - is used if an occupant of a t
group	317	1	Group 1L - is used 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 (smoke, blowing sand/dust/snow, cr
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	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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	80	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
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
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	Nondisabling vehicle problem (e.g. hood
hospital	212	*	TAKEN TO HOSP/TREATMENT
hospital	312	*	TAKEN TO HOSP/TREATMENT
hot	25	230	Hot pursuit
hour	5	*	ACCIDENT TIME - HOUR

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
hour	38	*	IMP ACCIDENT TIME - HOUR
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	Vendor / 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	117	*	CARRIER'S ID NUMBER
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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	98	Other, distraction or inattention
inattention	183	98	Other, distraction or inattention
inattention	184	98	Other, distraction or inattention
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
incapacitating	163	3	Incapacitating
incapacitating	211	3	A - Incapacitating injury
incapacitating	224	3	A - Incapacitating injury
incapacitating	311	3	A - Incapacitating injury
incapacitating	324	3	A - Incapacitating injury
indicates	25	36	Weird - the motorist or cyclist intentio
infiniti	105	58	Infiniti
information	25	920	Inadequate information

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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)
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	5	Injured, unknown severity
injured	27	0	No person injured / property damage only
injured	30	5	Group 1M - is used if the NASS crash doe
injured	37	6	Noncollision injury (injured in vehicle,
injured	43	0	No person injured / property damage only
injured	75	106	Noncollison injury - injured in or fell
injured	80	5	Group 1M - is used if the NASS crash doe
injured	149	5	Injured, unknown severity
injured	150	*	NUMBER INJURED IN VEH
injured	154	5	Group 1M - is used if the NASS crash doe
injured	163	5	Injured, unknown severity
injured	164	*	IMP NUM INJURED IN VEH
injured	211	5	U - Injured - severity unknown
injured	217	5	Group 1M - is used if the NASS crash doe
injured	224	5	U - Injured - severity unknown
injured	311	5	U - Injured - severity unknown
injured	317	5	Group 1M - is used if the NASS crash doe
injured	324	5	U - Injured - severity unknown
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	Noncollison injury - injured in or fell
injury	80	4	Group 4 - applies if the crash does not
injury	118	97	Unknown - only injury reported
injury	133	6	Noncollision injury (injury in or fell f
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 (injury in or fell f
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 devices / controls int
integral	183	9	While using other devices / controls int
integral	184	9	While using other devices / controls int
intended	136	68	From crossing street - intended path not
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 (e.g., transit, intercity
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
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	28	*	ALCOHOL INVOLVED IN ACC
involved	30	3	Group 3 - applies if the NASS crash does
involved	35	*	IMP ALC INVOLVED IN ACC
involved	80	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	151	1	Alcohol involved
involved	154	3	Group 3 - applies if the NASS crash does
involved	167	*	IMP ALC INVOLVED IN VEH
involved	213	1	No (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	No (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 - is used if an occupant of a t
involves	80	1	Group 1L - is used if an occupant of a t
involves	154	1	Group 1L - is used if an occupant of a t
involves	217	1	Group 1L - is used if an occupant of a t
involves	317	1	Group 1L - is used if an occupant of a t

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
involved	26	8	No person involved in crash
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	*	JACKKNIFE
jackknife	133	5	Jackknife
jackknife	168	5	Jackknife
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 CJ-5, Renegade, Go
jeep	158	14	Compact utility (Jeep CJ-5, Renegade, Go
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	78	*	POLICE JURISDICTION
jurisdiction	153	*	POLICE JURISDICTION
jurisdiction	216	*	POLICE JURISDICTION
jurisdiction	316	*	POLICE JURISDICTION
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
kia	105	63	KIA
killed	30	1	Group 1L - is used if an occupant of a t
killed	80	1	Group 1L - is used if an occupant of a t
killed	154	1	Group 1L - is used if an occupant of a t
killed	217	1	Group 1L - is used if an occupant of a t
killed	317	1	Group 1L - is used 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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
lancia	105	40	Lancia
land	9	*	LAND USE
land	105	62	Land Rover
lane	14	7	In parking lane
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 traffic lane
lane	144	*	NUMBER OF TRAVEL LANES
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
laterally	138	3	Skidding laterally - clockwise rotation
least	30	2	Group 2 - applies if the NASS crash does
least	80	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	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	12	Front left corner
left	135	11	Turning left
left	136	10	Over the lane line on left side of trave
left	137	6	Steering left
left	139	2	Stayed on roadway but left original trav
left	159	1	Yes, driver or car and driver left scene
left	160	12	Front left corner
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)
leftside	125	3	Leftside
leftside	126	3	Leftside
leftside	127	3	Leftside
leftside	128	3	Leftside
leftside	129	3	Leftside
leftside	130	3	Leftside
leftside	160	3	Leftside
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 (e.g., go-cart, fork
lift	158	97	Other type vehicle (e.g., go-cart, fork
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 devices at RR crossing (gates, fl
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 listed manufacturers)
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
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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, m
macpherson	176	4	Suspension - springs, shock absorbers, m
macpherson	177	4	Suspension - springs, shock absorbers, m
macpherson	178	4	Suspension - springs, shock absorbers, m
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	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 erratic, reckle
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
manufacturers	105	78	Moped (other than listed manufacturers)
march	2	3	March
material	113	*	HAZ MATERIAL PLACARD NO
material	114	*	HAZ MATERIALS PLACARDED
material	115	*	HAZ MATERIALS RELEASE
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
mechanism	123	29	Tripped rollover - unknown mechanism
median	14	3	On median
median	15	2	Divided highway (median strip, barrier,
median	148	2	Divided trafficway (median strip, barrie
medical	30	5	Group 1M - is used if the NASS crash doe
medical	80	5	Group 1M - is used if the NASS crash doe
medical	154	5	Group 1M - is used if the NASS crash doe
medical	217	5	Group 1M - is used if the NASS crash doe
medical	317	5	Group 1M - is used if the NASS crash doe
medium	30	2	Group 2 - applies if the NASS crash does
medium	80	2	Group 2 - applies if the NASS crash does
medium	108	65	Medium/heavy truck-based motorhome

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
midwest	79	2	Midwest
midwest	156	2	Midwest
midwest	219	2	Midwest
midwest	319	2	Midwest
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
minivan	108	20	Minivan (Chrysler Town & Country, Astro,
minivan	158	20	Minivan (Chrysler Town & Country, Astro,
minor	131	1	Minor
minute	6	*	ACCIDENT TIME - MINUTE
minute	42	*	IMP ACC TIME - MINUTE
mirror	175	12	Mirrors
mirror	176	12	Mirrors
mirror	177	12	Mirrors
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
mixer	109	6	Concrete mixer
model	106	*	MAKE/MODEL
model	107	*	MODEL YEAR
model	162	*	IMPUTED MODEL YEAR
moderate	131	2	Functional (moderate)
monday	4	2	Monday
monday	50	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	105	78	Moped (other than listed manufacturers)
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	75	125	Motor vehicle in transport

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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	80	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
navistar	105	84	International Harvester/Navistar
negligent	329	6	Operating the vehicle in erratic, reckle
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
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	Noncollision
noncollision	133	6	Noncollision injury (injury in or fell f
noncollision	140	0	Noncollision

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
noncollision	160	0	No damage/noncollision
noncollision	166	0	Noncollision
noncollision	168	6	Noncollision injury (injury in or fell f
non-deployed	207	2	Non-deployed
nondisabling	136	4	Nondisabling vehicle problem (e.g. hood
nonincapacitating	26	2	Nonincapacitating
nonincapacitating	41	2	Nonincapacitating
nonincapacitating	149	2	Nonincapacitating
nonincapacitating	163	2	Nonincapacitating
nonincapacitating	211	2	B - Nonincapacitating injury
nonincapacitating	224	2	B - Nonincapacitating injury
nonincapacitating	311	2	B - Nonincapacitating injury
nonincapacitating	324	2	B - Nonincapacitating injury
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 or other nonmotorist in roa
nonmotorist	168	27	Other type nonmotorist
nonmotorist	173	5	Pedestrian, pedalcyclist or other nonmot
nonmotorist	174	5	Pedestrian, pedalcyclist or other nonmot
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
northeast	79	1	Northeast
northeast	156	1	Northeast
northeast	219	1	Northeast
northeast	319	1	Northeast
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	77	*	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
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/control de
obey	331	8	Failure to obey traffic signs/control de
obey	332	8	Failure to obey traffic signs/control de
obey	333	8	Failure to obey traffic signs/control de
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
observe	330	8	Failure to obey traffic signs/control de
observe	331	8	Failure to obey traffic signs/control de
observe	332	8	Failure to obey traffic signs/control de
observe	333	8	Failure to obey traffic signs/control de
obstructed	25	17	Motorist overtaking cyclist, path obstru
obstruction	179	0	No obstruction

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
obstruction	180	0	No obstruction
obstruction	181	0	No obstruction
occupant	30	1	Group 1L - is used if an occupant of a t
occupant	80	1	Group 1L - is used if an occupant of a t
occupant	118	*	NUM OCC INVOLVED IN VEH
occupant	119	*	NUMBER OF OCCUPANTS
occupant	154	1	Group 1L - is used 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 - is used 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	304	3	Occupant of a motor vehicle not in trans
occupant	315	0	Not applicable - driver or occupant of M
occupant	317	1	Group 1L - is used 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/control de
officer	331	8	Failure to obey traffic signs/control de
officer	332	8	Failure to obey traffic signs/control de
officer	333	8	Failure to obey traffic signs/control de
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
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
opposite	40	6	Sideswipe, opposite direction
opposite	136	54	Traveling in opposite direction
original	139	1	Stayed in original traffic lane
outside	14	5	Outside trafficway
outside	182	12	Distracted by outside person or object
outside	183	12	Distracted by outside person or object
outside	184	12	Distracted by outside person or object
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	213	*	PAR ALCOHOL INVOLVEMENT
par	214	*	PAR DRUG INVOLVEMENT
par	222	*	IMP PAR ALC INVOLVEMENT
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
parapet	10	34	Bridge structure (pier/abutment/parapet
parapet	37	34	Bridge Structure (pier/abutment/parapet
parapet	75	134	Bridge structure (pier/abutment/parapet
parapet	133	34	Bridge structure (pier/abutment/parapet
parapet	168	34	Bridge structure (pier/abutment/parapet
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 strikes 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 purpo
parking	136	64	From 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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
passenger	30	1	Group 1L - is used if an occupant of a t
passenger	80	1	Group 1L - is used if an occupant of a t
passenger	108	17	3-door coupe (passenger car)
passenger	154	1	Group 1L - is used if an occupant of a t
passenger	158	17	3-door coupe (passenger car)
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 - is used if an occupant of a t
passenger	225	51	Other passenger in passenger or cargo ar
passenger	317	1	Group 1L - is used if an occupant of a t
passing	25	16	Motorist overtaking, misjudges passing s
passing	135	6	Passing or overtaking another vehicle
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 devices (stop sign, cross-bucks)
passive	48	62	Passive devices (stop sign, cross-bucks)
passive	169	62	Passive devices at RR crossing (stop sig
passive	170	62	Passive devices at RR crossing (stop sig
passive	171	62	Passive devices at RR crossing (stop sig
passive	172	62	Passive devices at RR crossing (stop sig
passive	334	62	Passive devices at RR crossing (stop sig
passive	335	62	Passive devices at RR crossing (stop sig
path	25	17	Motorist overtaking cyclist, path obstru
path	136	66	From crossing street - across path
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 or other nonmotorist in roa
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
pedestrian	304	5	Pedestrian
person	25	9999	First qualifying nonmotorist involved is
person	26	8	No person invovled in crash
person	27	*	NUM INJ PERSONS IN ACC
person	28	8	No person coded
person	35	8	No person coded
person	41	8	No person coded in crash
person	43	*	IMP NUM INJ PER IN ACC
person	149	8	No person in the vehicle
person	150	98	No person coded
person	151	8	No person coded
person	163	8	No person coded in crash
person	167	8	No person coded
person	182	12	Distracted by outside person or object
person	183	12	Distracted by outside person or object
person	184	12	Distracted by outside person or object
peterbilt	105	87	Peterbilt
peugeot	105	44	Peugeot
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	1	Not physically divided (two way trafficw
physically	148	1	Not physically divided (two way traffic)
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 (pier/abutment/parapet
pier	37	34	Bridge Structure (pier/abutment/parapet
pier	75	134	Bridge structure (pier/abutment/parapet
pier	133	34	Bridge structure (pier/abutment/parapet
pier	168	34	Bridge structure (pier/abutment/parapet
placard	113	*	HAZ MATERIAL PLACARD NO
placarded	114	*	HAZ MATERIALS PLACARDED
plates	37	50	Pavement surface irregularity (ruts, pot
plates	133	7	Pavement surface irregularity (ruts, pot
plates	168	7	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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
pole	168	37	Post, pole or support (sign post, utilit
police	25	330	Emergency / police vehicle related
police	29	*	POLICE JURISDICTION
police	78	*	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	182	93	Not on police report
police	183	93	Not on police report
police	184	93	Not on police report
police	213	6	Not on police report
police	214	6	Not on police report
police	216	*	POLICE JURISDICTION
police	313	6	Not on police report
police	314	6	Not on police report
police	316	*	POLICE JURISDICTION
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
possible	163	1	Possible injury
possible	211	1	C - Possible injury
possible	224	1	C - Possible injury
possible	311	1	C - Possible injury
possible	324	1	C - Possible injury
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
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
precrash	138	*	PRECRASH VEHICLE CONTROL
precrash	139	*	PRECRASH LOCATION
presence	103	*	DRIVER PRESENCE
previous	135	17	Successful corrective action to a previo
previous	161	17	Successful corrective action to a previo

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
previous	227	5	Impaired due to previous injury
previous	228	5	Impaired due to previous injury
previous	327	5	Impaired due to previous injury
previous	328	5	Impaired due to previous injury
problem	136	4	Nondisabling vehicle problem (e.g. hood
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
property	43	0	No person injured / property damage only
psu	31	*	PSU NUMBER
psu	77	*	PSU NUMBER
psu	155	*	PSU NUMBER
psu	218	*	PSU NUMBER
psu	318	*	PSU NUMBER
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
purpose	135	13	Backing up (other than for parking purpo
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	80	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
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
rail	10	34	Bridge structure (pier/abutment/parapet
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 (pier/abutment/parapet
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
rambler	106	+	Rambler/American
ramcharger	108	15	Large utility (Jeep Cherokee, Ramcharger

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Item	Var	CV	Variable Name or Code Value
ramcharger	158	15	Large utility (Jeep Cherokee, Ramcharger
ramp	13	4	Entrance/exit ramp
ramp	45	4	Entrance/exit ramp
ranchero	108	10	Auto-based pickup (includes El Camino, C
ranchero	158	10	Auto-based pickup (includes El Camino, C
reaching	182	10	While using or reaching for other device
reaching	183	10	While using or reaching for other device
reaching	184	10	While using or reaching for other device
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
receive	30	4	Group 4 - applies if the crash does not
receive	80	4	Group 4 - applies if the crash does not
receive	154	4	Group 4 - applies if the crash does not
receive	217	4	Group 4 - applies if the crash does not
receive	317	4	Group 4 - applies if the crash does not
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 erratic, reckle
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	79	*	REGION OF COUNTRY
region	156	*	REGION OF COUNTRY
region	219	*	REGION OF COUNTRY
region	319	*	REGION OF COUNTRY
related	13	2	Intersection related
related	20	23	School zone related sign
related	23	1	No adverse atmospheric related driving c
related	24	*	SCH BUS RELATED TO ACC
related	25	110	Commercial bus related
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

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Item	Var	CV	Variable Name or Code Value
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
renegade	108	14	Compact utility (Jeep CJ-5, Renegade, Go
renegade	158	14	Compact utility (Jeep CJ-5, Renegade, Go
reo	105	81	Diamond Reo, Reo
report	173	93	Not on police report
report	174	93	Not on police report
report	182	93	Not on police report
report	183	93	Not on police report
report	184	93	Not on police report
report	213	6	Not on police report
report	214	6	Not on police report
report	313	6	Not on police report
report	314	6	Not on police report
reported	118	97	Unknown - only injury reported
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
reported	213	9	Unknown (police reported)
reported	214	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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 lices
revoked	185	5	Driving with a suspended or revoked lices
revoked	186	5	Driving with a suspended or revoked lices
revoked	187	5	Driving with a suspended or revoked lices
revoked	188	5	Driving with a suspended or revoked lices
revoked	189	5	Driving with a suspended or revoked lices
ride	25	1	Ride out, residential driveway
ride-out	25	3	Ride-out from sidewalk
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	11	Front right corner
right	135	10	Turning right
right	136	11	Over the lane line on right side of trav
right	137	7	Steering right
right	160	11	Front right corner
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
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
rightside	125	2	Rightside
rightside	126	2	Rightside
rightside	127	2	Rightside
rightside	128	2	Rightside
rightside	129	2	Rightside
rightside	130	2	Rightside
rightside	160	2	Rightside
road	20	41	Warning sign for road conditions (hill,
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 trav
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
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
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
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	25	1531	Wheelchair: Walking or running along roa
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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/control de
safety	331	8	Failure to obey traffic signs/control de
safety	332	8	Failure to obey traffic signs/control de
safety	333	8	Failure to obey traffic signs/control de
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 (smoke, blowing sand/dust/snow, cr
sand	47	5	Sand, dirt, oil
sand	49	8	Other (smog, smoke, blowing sand/dust/sn
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
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
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
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	Disabling (severe)
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
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, m
shock	176	4	Suspension - springs, shock absorbers, m
shock	177	4	Suspension - springs, shock absorbers, m
shock	178	4	Suspension - springs, shock absorbers, m
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	136	10	Over the lane line on left side of trave
side	158	12	Large limousine (more than four side doo
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
sideswipe	11	5	Sideswipe, same direction
sideswipe	40	5	Sideswipe, same direction
sidewalk	25	3	Ride-out from sidewalk
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
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/control de
sign	331	8	Failure to obey traffic signs/control de
sign	332	8	Failure to obey traffic signs/control de
sign	333	8	Failure to obey traffic signs/control de
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)
single	108	64	Single unit straight truck
single	158	61	Single unit straight truck (4536kg < GVW
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
sleep	205	50	Sleeper section of cab (truck)
sleep	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
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	49	8	Other (smog, smoke, blowing sand/dust/sn
smoke	23	8	Other (smoke, blowing sand/dust/snow, cr
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
south	79	3	South
south	156	3	South
south	219	3	South
south	319	3	South
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	51	Traveling in same direction with lower s
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
spring	175	4	Suspension - springs, shock absorbers, m
spring	176	4	Suspension - springs, shock absorbers, m
spring	177	4	Suspension - springs, shock absorbers, m
spring	178	4	Suspension - springs, shock absorbers, m
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
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	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 traffic 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,
steering	137	6	Steering 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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	143	1	Straight
straight	158	61	Single unit straight truck (4536kg < GVW
straight	161	1	Going straight
stratum	30	*	STRATUM
stratum	80	*	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 (e.g., go-cart, fork
street	136	65	From crossing street - turning into same
street	158	97	Other type vehicle (e.g., go-cart, fork
stretch	108	12	Large limousine (more than four side doo
stretch	158	12	Large limousine (more than four side doo
strike	81	4	Strike another in-transport motor vehicl
strikes	25	41	Cyclist strikes parked vehicle
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 trafficway (median strip, barrie
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 (pier/abutment/parapet
structure	37	34	Bridge Structure (pier/abutment/parapet
structure	75	134	Bridge structure (pier/abutment/parapet
structure	133	34	Bridge structure (pier/abutment/parapet
structure	168	34	Bridge structure (pier/abutment/parapet
struts	175	4	Suspension - springs, shock absorbers, m
struts	176	4	Suspension - springs, shock absorbers, m
struts	177	4	Suspension - springs, shock absorbers, m
struts	178	4	Suspension - springs, shock absorbers, m
student	108	50	School bus (designed to carry students,
student	158	50	School bus (designed to carry students,
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 (Chev. Suburban, G
suburban	158	16	Utility station wagon (Chev. Suburban, G
successful	135	17	Successful corrective action to a previo
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

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Item	Var	CV	Variable Name or Code Value
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
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	175	4	Suspension - springs, shock absorbers, m
suspension	176	4	Suspension - springs, shock absorbers, m
suspension	177	4	Suspension - springs, shock absorbers, m
suspension	178	4	Suspension - springs, shock absorbers, m
suzuki	105	53	Suzuki
sweeper	108	97	Other type vehicle (e.g., go-cart, fork
sweeper	158	97	Other type vehicle (e.g., go-cart, fork
swings	25	32	Cyclist swings wide
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
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) and ATC (all t
terrain	158	90	ATV (all terrain vehicle) and ATC (all t
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
thrown	133	10	Thrown or falling object
thrown	168	10	Thrown or falling object
thursday	4	5	Thursday
thursday	50	5	Thursday
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 - is used if an occupant of a t
towed	80	1	Group 1L - is used if an occupant of a t
towed	132	2	Towed due to damage
towed	154	1	Group 1L - is used if an occupant of a t
towed	217	1	Group 1L - is used if an occupant of a t
towed	317	1	Group 1L - is used 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
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	139	1	Stayed in original traffic lane
traffic	148	1	Not physically divided (two way traffic)
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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/control de
traffic	331	8	Failure to obey traffic signs/control de
traffic	332	8	Failure to obey traffic signs/control de
traffic	333	8	Failure to obey traffic signs/control de
traffic	334	1	Traffic control signal (on colors)
traffic	335	1	Traffic control signal (on colors)
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, Ramcharger
trailduster	158	15	Large utility (Jeep Cherokee, Ramcharger
trailer	158	67	Truck-tractor with no cargo trailer
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 unit
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 (designed to carry students,
transit	158	50	School bus (designed to carry students,
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 vehicle in transport
transport	75	125	Motor vehicle in transport
transport	76	98	Not a motor vehicle in transport

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
transport	315	0	Not applicable - driver or occupant of M
transported	30	5	Group 1M - is used if the NASS crash doe
transported	80	5	Group 1M - is used if the NASS crash doe
transported	154	5	Group 1M - is used if the NASS crash doe
transported	217	5	Group 1M - is used if the NASS crash doe
transported	317	5	Group 1M - is used 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	2	Stayed on roadway but left original trav
travel	144	*	NUMBER OF TRAVEL LANES
travel	161	7	Disabled or parked in travel lane
traveling	136	6	Traveling too fast for conditions
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	80	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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
undercarriage	76	6	Undercarriage
undercarriage	125	6	Undercarriage
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 unit
unit	158	61	Single unit straight truck (4536kg < GVW
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 CJ-5, Renegade, Go
utility	133	37	Sign post, utility pole or other support
utility	158	14	Compact utility (Jeep CJ-5, Renegade, Go
utility	168	37	Post, pole or support (sign post, utilit
u-turn	135	12	Making U-turn
u-turn	161	12	Making 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
van-based	108	23	Van-based motorhome
van-based	158	23	Van-based motorhome
vegetation	179	5	Trees, crops, vegetation
vegetation	180	5	Trees, crops, vegetation
vegetation	181	5	Trees, crops, vegetation
vendor	25	130	Vendor / ice cream vendor
vin	111	*	VIN
violation	25	760	Intersection, driver violation
violation	165	*	IMP VIOLATIONS CHARGED
violation	185	97	Violation charged - no details
violation	186	97	Violation charged - no details
violation	187	97	Violation charged - no details
violation	188	97	Violation charged - no details
violation	189	97	Violation charged - no details
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
wagon	108	6	Station wagon (excluding van and truck b
wagon	158	6	Station wagon (excluding van and truck b
wagoneer	108	16	Utility station wagon (Chev. Suburban, G
wagoneer	158	16	Utility station wagon (Chev. Suburban, G
waiting	25	610	Pedestrian waiting to cross at / near cu

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	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
west	79	4	West
west	156	4	West
west	219	4	West
west	319	4	West
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	1531	Wheelchair: Walking or running along roa
wheelchair	108	97	Other type vehicle (e.g., go-cart, fork
wheelchair	158	97	Other type vehicle (e.g., go-cart, fork
wheelchair	227	4	Paraplegic or restricted to wheelchair
wheelchair	228	4	Paraplegic or restricted to wheelchair
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
wide	25	32	Cyclist swings wide
wind	20	43	Warning sign for environment / traffic (
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
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
wrong-way	25	26	Wrong-way cyclist
yamaha	105	76	Yamaha
year	3	*	ACCIDENT DATE - YEAR
year	107	*	MODEL YEAR
year	162	*	IMPUTED MODEL YEAR
year	209	0	Up to one year
year	221	0	Up to one year
year	309	0	Up to one year
year	321	0	Up to one year
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
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

GES2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
yugo	105	57	Yugo
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/control de
zone	331	8	Failure to obey traffic signs/control de
zone	332	8	Failure to obey traffic signs/control de
zone	333	8	Failure to obey traffic signs/control de
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
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		

