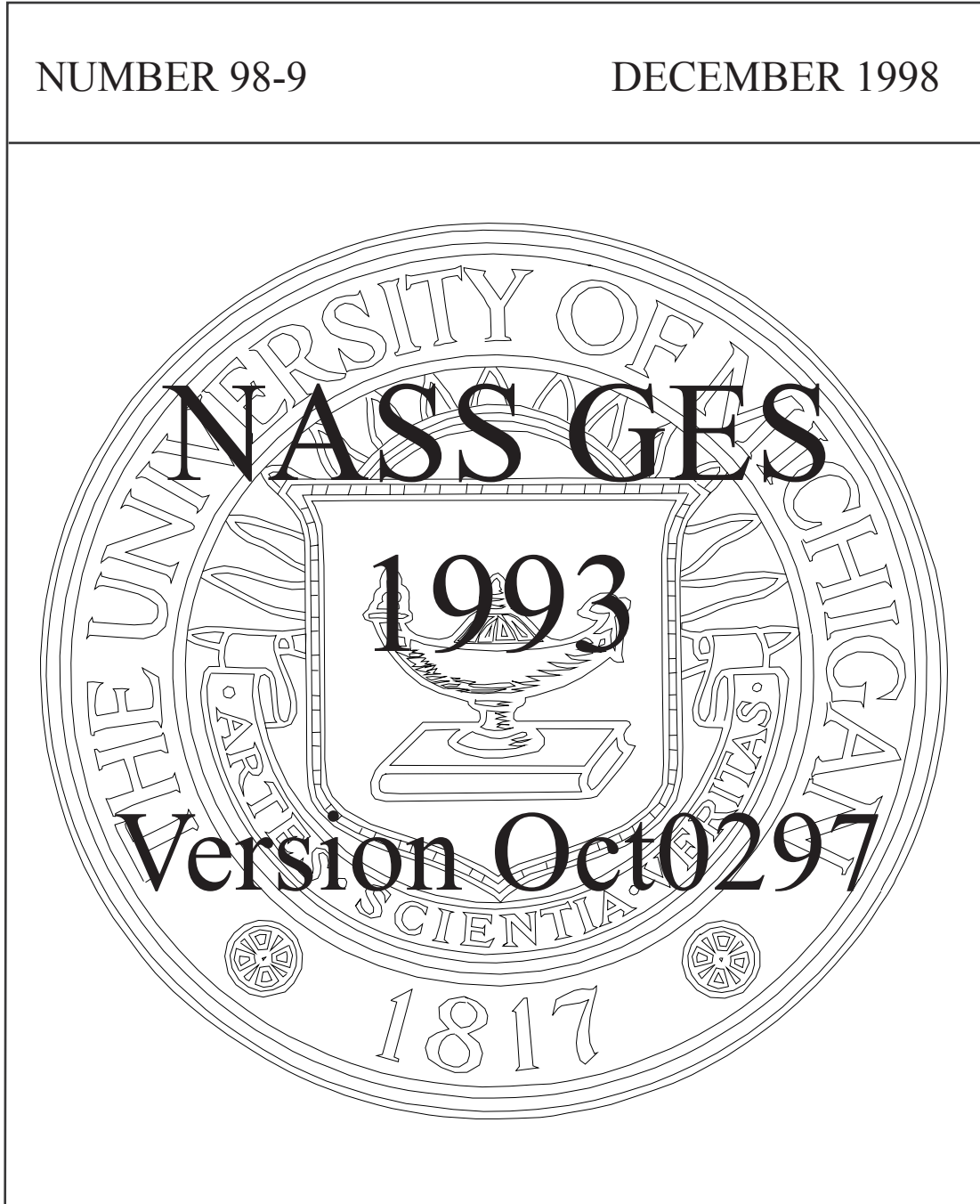


Transportation Data Center
Data Set Codebook

NUMBER 98-9

DECEMBER 1998



The University of Michigan
Transportation Research Institute

GENERAL ESTIMATES SYSTEMS (GES)

1993 Code Book - Version 100297

Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 1993. 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 NCSA files made on October 2, 1997.

The data are a sample of the 1993 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 non-motorists). 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, GENERAL ESTIMATES SYSTEM (GES), User's Manual, 1993 File.

In the 1995 GES file there are 297 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	GES93ACC	55,644	1-50
Vehicle	GES93VEH	96,544	1-50,101-164
Occupant	GES93OCC	138,759	1-50,101-164,201-230
Nonmotorist	GES93NMT	4,766	1-50,301-330

The code book itself is divided into four sections that document the accident, 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 GES93VEH, non-motorist frequencies from GES93NMT, etc.). An index at the end of the code book cross references words used in the codebook by variable and code value number.

The GES investigation STRATUM (variables 31, 149, 221, 321), groupings of Police Accident Reports (PARs) at the PSU, are defined as:

Group 1. All crashes involving a towed passenger vehicle, i.e., a passenger car, utility vehicle, light truck or van, but no medium or heavy truck.

Group 2. All crashes involving a medium or heavy truck and where at least one passenger vehicle was towed or involved person was injured.

Group 3. All crashes not involving a towed passenger vehicle or medium or heavy truck, but one in which an involved person was injured.

Group 4. All other crashes.

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 code book by calling 734-763-3230.

General Estimates System (GES)
1993 - Accident

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

General Estimates System (GES)
1993 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE NUMBER	8	Numeric	21
102	VEHICLE NUMBER	2	Numeric	21
103	DRIVER PRESENCE	1	Numeric	21
104	VIOLATIONS CHARGED	2	Numeric	22
105	VISION OBSCURED BY	2	Numeric	22
106	DRIVER MANEUVER TO AVOID	2	Numeric	23
107	DRIVER DISTRACTED BY	2	Numeric	23
108	HIT-AND-RUN	1	Numeric	23
109	MAKE	2	Numeric	23
110	MAKE/MODEL	5	Numeric	25
111	MODEL YEAR	2	Numeric	51
112	BODY TYPE	2	Numeric	51
113	CARGO BODY TYPE	2	Numeric	53
114	NO OF AXLES ON VEH/TRAIL	2	Numeric	54
115	VIN	11	Alphabetic	54
116	SPECIAL USE	2	Numeric	54
117	HAZ MATERIAL PLACARD NO	5	Numeric	55
118	HAZ MATERIALS PLACARDED	1	Numeric	55
119	HAZ MATERIALS RELEASE	1	Numeric	55
120	EMERGENCY USE	1	Numeric	55
121	NUM OCC INVOLVED IN VEH	2	Numeric	56
122	TRAVEL SPEED	2	Numeric	56
123	VEHICLE DEFECTS	2	Numeric	56
124	VEHICLE TRAILERING	1	Numeric	57
125	JACKKNIFE	1	Numeric	57
126	ROLLOVER	2	Numeric	57
127	FIRE OCCURRENCE	1	Numeric	58
128	INITIAL POINT OF IMPACT	2	Numeric	58
129	DAMAGE AREA #1	1	Numeric	58
130	DAMAGE AREA #2	1	Numeric	58
131	DAMAGE AREA #3	1	Numeric	59
132	DAMAGE AREA #4	1	Numeric	59
133	DAMAGE AREA #5	1	Numeric	60
134	DAMAGE SEVERITY	1	Numeric	60
135	MANNER OF LEAVING SCENE	1	Numeric	60
136	MOST HARMFUL EVENT	2	Numeric	60
137	PRIOR TO CRITICAL EVENT	2	Numeric	61
138	CRITICAL EVENT	2	Numeric	62
139	CORRECTIVE ACTION ATTEMP	2	Numeric	64
140	VEH CONTROL AFTER ACTION	2	Numeric	65
141	VEH PATH AFTER ACTION	2	Numeric	65
142	VEHICLE ROLE	1	Numeric	65
143	ACCIDENT TYPE	2	Numeric	66
144	MAX INJ SEVERITY IN VEH	1	Numeric	66
145	NUMBER INJURED IN VEH	2	Numeric	66
146	ALCOHOL INVOLVED IN VEH	1	Numeric	67
147	DRIVERS ZIP CODE	5	Numeric	67
148	POLICE JURISDICTION	2	Numeric	67
149	STRATUM	1	Numeric	67
150	PSU NUMBER	2	Numeric	67

General Estimates System (GES)
1993 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	REGION OF COUNTRY	1	Numeric	68
152	WEIGHT	7	Numeric	68
153	CARRIER'S ID NUMBER	6	Numeric	68
154	IMPUTED BODY TYPE	2	Numeric	68
155	IMPUTED HIT-AND-RUN	1	Numeric	70
156	I INITIAL POINT OF IMPAC	2	Numeric	70
157	I PRIOR TO CRITICAL EVEN	2	Numeric	71
158	IMPUTED MODEL YEAR	2	Numeric	71
159	IMP MAX INJ SEV. IN VEH	1	Numeric	72
160	IMP NUM INJURED IN VEH	2	Numeric	72
161	IMP VIOLATIONS CHARGED	2	Numeric	73
162	IMPUTED VEHICLE ROLE	1	Numeric	73
163	IMP ALC INVOLVED IN VEH	1	Numeric	73
164	IMP MOST HARMFUL EVENT	2	Numeric	74

General Estimates System (GES)
1993 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	8	Numeric	75
202	VEHICLE NUMBER	2	Numeric	75
203	OCCUPANT NUMBER	2	Numeric	75
204	OCCUPANT TYPE	1	Numeric	76
205	OCC SEATING POSITION	2	Numeric	76
206	OCC RESTRAINT SYSTEM USE	1	Numeric	76
207	OCC RESTRAINT TYPE	1	Numeric	77
208	AIRBAG AVAIL/FUNCTION	1	Numeric	77
209	FILLER	1	Numeric	77
210	OCCUPANT EJECTION	1	Numeric	77
211	OCCUPANT AGE	2	Numeric	78
212	OCCUPANT SEX	1	Numeric	78
213	OCC INJURY SEVERITY	1	Numeric	78
214	TAKEN TO HOSP/TREATMENT	1	Numeric	78
215	OCCUPANT IMPAIRMENT	2	Numeric	79
216	PAR ALCOHOL INVOLVEMENT	1	Numeric	79
217	PAR DRUG INVOLVEMENT	1	Numeric	79
218	FILLER	2	Numeric	79
219	FILLER	2	Numeric	80
220	POLICE JURISDICTION	2	Numeric	80
221	STRATUM	1	Numeric	80
222	PSU NUMBER	2	Numeric	80
223	REGION OF COUNTRY	1	Numeric	80
224	WEIGHT	7	Numeric	80
225	IMPUTED OCCUPANT AGE	2	Numeric	81
226	IMP PAR ALC INVOLVEMENT	1	Numeric	81
227	IMPUT OCCUPANT EJECTION	1	Numeric	81
228	IMP OCC INJURY SEVERITY	1	Numeric	82
229	IMP OCC SEATING POSITION	2	Numeric	82
230	IMPUTED OCCUPANT SEX	1	Numeric	82

General Estimates System (GES)
1993 - Non-motorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	8	Numeric	83
302	FILLER	2	Numeric	83
303	NON-MOTORIST NUMBER	2	Numeric	83
304	NON-MOTORIST TYPE	1	Numeric	83
305	FILLER	2	Numeric	84
306	FILLER	1	Numeric	84
307	FILLER	1	Numeric	84
308	FILLER	1	Numeric	84
309	NON-MOT SAFETY EQUIP USE	1	Numeric	84
310	FILLER	1	Numeric	84
311	NON-MOTORIST AGE	2	Numeric	84
312	NON-MOTORIST SEX	1	Numeric	85
313	NMTR INJURY SEVERITY	1	Numeric	85
314	TAKEN TO HOSP/TREATMENT	1	Numeric	85
315	NMTR PHYSICAL IMPAIRMENT	2	Numeric	85
316	PAR ALCOHOL INVOLVEMENT	1	Numeric	86
317	PAR DRUG INVOLVEMENT	1	Numeric	86
318	NON-MOTORIST ACTION	2	Numeric	86
319	NMTR LOCATION	2	Numeric	87
320	POLICE JURISDICTION	2	Numeric	87
321	STRATUM	1	Numeric	88
322	PSU NUMBER	2	Numeric	88
323	REGION OF COUNTRY	1	Numeric	88
324	WEIGHT	7	Numeric	88
325	IMPUTED NON-MOTORIST AGE	2	Numeric	89
326	IMP PAR ALC INVOLVEMENT	1	Numeric	89
327	FILLER	1	Numeric	89
328	IMP NMTR INJURY SEVERITY	1	Numeric	89
329	FILLER	2	Numeric	90
330	IMPUTED NON-MOTORIST SEX	1	Numeric	90

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: 8	Type: Numeric
		Dec: None	Miss: None

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

1993 Prcnt Code Value and Description

4535	8.2	1	January
4334	7.8	2	February
4428	8.0	3	March
4346	7.8	4	April
4880	8.8	5	May
4602	8.3	6	June
4623	8.3	7	July
4652	8.4	8	August
4729	8.5	9	September
4986	9.0	10	October
4618	8.3	11	November
4911	8.8	12	December

Variable 3	ACCIDENT DATE - YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt Code Value and Description

55644	100.0	93	1993
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Variable 4	ACCIDENT DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt Code Value and Description

5955	10.7	1	Sunday
7817	14.0	2	Monday
7823	14.1	3	Tuesday
8082	14.5	4	Wednesday
8241	14.8	5	Thursday

Variable 4: ACCIDENT DAY OF WEEK (Continued)

1993 Prcnt	Code	Value and Description
9940 17.9	6	Friday
7784 14.0	7	Saturday
2 0.0	9	Unknown

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

Crash time - hour

1993 Prcnt	Code	Value and Description
1184 2.1	0	12:01 am - 12:59 am
1119 2.0	1	1:00 am - 1:59 am
1067 1.9	2	2:00 am - 2:59 am
716 1.3	3	3:00 am - 3:59 am
558 1.0	4	4:00 am - 4:59 am
712 1.3	5	5:00 am - 5:59 am
1274 2.3	6	6:00 am - 6:59 am
2617 4.7	7	7:00 am - 7:59 am
2655 4.8	8	8:00 am - 8:59 am
2128 3.8	9	9:00 am - 9:59 am
2402 4.3	10	10:00 am - 10:59 am
2722 4.9	11	11:00 am - 11:59 am
3311 6.0	12	12:00 pm - 12:59 pm
3158 5.7	13	1:00 pm - 1:59 pm
3673 6.6	14	2:00 pm - 2:59 pm
4425 8.0	15	3:00 pm - 3:59 pm
4251 7.6	16	4:00 pm - 4:59 pm
4420 7.9	17	5:00 pm - 5:59 pm
3248 5.8	18	6:00 pm - 6:59 pm
2524 4.5	19	7:00 pm - 7:59 pm
2048 3.7	20	8:00 pm - 8:59 pm
1872 3.4	21	9:00 pm - 9:59 pm
1732 3.1	22	10:00 pm - 10:59 pm
1490 2.7	23	11:00 pm - 11:59 pm
38 0.1	24	12:00 Midnight
300 0.5	99	Unknown

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

Crash time - minute

1993 Prcnt	Code	Value and Description
5560 10.0	0	- Minute
363 0.7	59	

Variable 6: ACCIDENT TIME - MINUTE (Continued)

1993	Prcnt	Code	Value and Description
300	0.5	99	Unknown

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

Number of vehicles involved

1993	Prcnt	Code	Value and Description
19768	35.5	1	1 vehicle involved
31813	57.2	2	2 vehicles involved
3323	6.0	3	3 vehicles involved
587	1.1	4	4 vehicles involved
113	0.2	5	5 vehicles involved
28	0.1	6	6 vehicles involved
8	0.0	7	7 vehicles involved
1	0.0	8	8 vehicles involved
1	0.0	9	9 vehicles involved
1	0.0	10	10 vehicles involved
1	0.0	17	17 vehicles involved

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

Number of nonmotorists involved

1993	Prcnt	Code	Value and Description
51142	91.9	0	0 nonmotorists involved
4304	7.7	1	1 nonmotorists involved
160	0.3	2	2 nonmotorists involved
28	0.1	3	3 nonmotorists involved
6	0.0	4	4 nonmotorists involved
2	0.0	5	5 nonmotorists involved
1	0.0	10	10 nonmotorists involved
1	0.0	14	14 nonmotorists involved
0	0.0	99	Unknown

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

1993	Prcnt	Code	Value and Description
3763	6.8	1	Within area of population 25,000-50,000
6144	11.0	2	Within area of population 50,000-100,000
16996	30.5	3	Within area of population 100,000+

Variable 9:LAND USE (Continued)

1993 Prcnt	Code	Value and Description
26711	48.0	8 Other area
2030	3.6	9 Unknown

Variable 10	PERCENTAGE OF RURAL	Width: 2	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
21087	37.9	0 Urban
7722	13.9	1 10% of area is rural
6793	12.2	2 20% of area is rural
9502	17.1	3 30% of area is rural
1761	3.2	4 40% of area is rural
1350	2.4	5 50% of area is rural
2578	4.6	6 60% of area is rural
4120	7.4	7 70% of area is rural
0	0.0	8 80% of area is rural
731	1.3	9 90% of area is rural
0	0.0	10 100% of area is rural

Variable 11	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt	Code	Value and Description
NonCollision		
1699	3.1	1 Rollover/Overturn
85	0.2	2 Fire/Explosion
30	0.1	3 Immersion
109	0.2	5 Jackknife
131	0.2	6 Noncollision injury (injured in vehicle, or fell from vehicle)
409	0.7	8 Other noncollision
29	0.1	9 Noncollision - No details
22	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
2368	4.3	21 Pedestrian
1792	3.2	22 Cycle or cyclist (pedalcycle or pedalcyclist)
38	0.1	23 Railway train
1210	2.2	24 Animal
35237	63.3	25 Motor vehicle in transport
2412	4.3	26 Parked motor vehicle (or other mv not in transport)
12	0.0	27 Other type nonmotorist
215	0.4	28 Other object not fixed
4	0.0	29 Object not fixed - no details

Variable 11:FIRST HARMFUL EVENT (Continued)

1993 Prcnt	Code	Value and Description
		Collision with Fixed Object
17	0.0	31 Ground
122	0.2	32 Building
14	0.0	33 Impact attenuator or crash cushion
184	0.3	34 Bridge Structure (pier/abutment/parapet end/rail)
1075	1.9	35 Guardrail
551	1.0	36 Concrete traffic barrier or other longitudinal barrier type
2049	3.7	37 Post, Pole or Support (sign post, utility post)
1340	2.4	38 Culvert or Ditch
886	1.6	39 Curb
581	1.0	40 Embankment
453	0.8	41 Fence
177	0.3	42 Wall
95	0.2	43 Fire hydrant
68	0.1	44 Shrubbery or bush
1345	2.4	45 Tree
86	0.2	46 Boulder
48	0.1	50 Pavement Surface Irregularity (ruts, potholes, grates, plates, ect.)
595	1.1	58 Other fixed object
25	0.0	59 Fixed object - No details
131	0.2	99 Unknown

Variable 12	MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code	Value and Description
20377	36.6	0 Not collision with vehicle in transport
12381	22.3	1 Rear-end
1039	1.9	2 Head-on
6	0.0	3 Rear-to-rear
19740	35.5	4 Angle
1614	2.9	5 Sideswipe, same direction
370	0.7	6 Sideswipe, opposite direction
24	0.0	8 Other
93	0.2	9 Unknown

Variable 13	INTERSTATE HIGHWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code	Value and Description
51325	92.2	0 No
4313	7.8	1 Yes
6	0.0	9 Unknown

General Estimates System (GES)
1993 - Accident

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

1993 Prcnt Code Value and Description

Non -Interchange Area			
26585	47.8	0	Non-junction
16896	30.4	1	Intersection
5104	9.2	2	Intersection Related
4932	8.9	3	Driveway, Alley Access, Etc.
190	0.3	4	Entrance/Exit Ramp
93	0.2	5	Rail Grade Crossing
197	0.4	8	Other, Non-interchange
276	0.5	9	Unknown, Non-interchange
Interchange Area			
264	0.5	10	Non-junction
244	0.4	11	Intersection
117	0.2	12	Intersection Related
4	0.0	13	Driveway Alley Access, Etc.
573	1.0	14	Entrance/Exit Ramp
65	0.1	18	Other Location in Interchange
29	0.1	19	Unknown, Interchange Area
75	0.1	99	Unknown if Interchange

Variable 15	RELATION TO ROADWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt Code Value and Description

41885	75.3	1	On Roadway
2584	4.6	2	On Shoulder or Parking Lane
9752	17.5	3	Off Roadway/Shoulder/Parking Lane
1234	2.2	4	On Median
75	0.1	8	Other
114	0.2	9	Unknown

Variable 16	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt Code Value and Description

29246	52.6	1	Not physically divided (two way trafficway)
13166	23.7	2	Divided highway (median strip, barrier)
1858	3.3	3	One way trafficway
11374	20.4	9	Unknown

Variable 17	NUMBER OF TRAVEL LANES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code	Value and Description
901	1.6	1 One lane
23230	41.7	2 Two lanes
6193	11.1	3 Three lanes
7816	14.0	4 Four lanes
3551	6.4	5 Five lanes
810	1.5	6 Six lanes
459	0.8	7 Seven or more lanes
12684	22.8	9 Unknown

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

1993 Prcnt	Code	Value and Description
46713	83.9	1 Straight
6128	11.0	2 Curve
2803	5.0	9 Unknown

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

1993 Prcnt	Code	Value and Description
28841	51.8	1 Level
9580	17.2	2 Grade
765	1.4	3 Hillcrest
149	0.3	8 Other
16309	29.3	9 Unknown

Variable 20	ROADWAY SURFACE COND	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Roadway surface condition

1993 Prcnt	Code	Value and Description
40191	72.2	1 Dry
10976	19.7	2 Wet
1070	1.9	3 Snow or slush
2039	3.7	4 Ice
113	0.2	5 Sand, dirt, oil
156	0.3	8 Other
1099	2.0	9 Unknown

General Estimates System (GES)
1993 - Accident

Variable 21	TRAFFIC CONTROL DEVICE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt Code Value and Description

36417 65.4 0 No controls

Not at Railroad Grade Crossing

9830 17.7 1 Traffic control signal (on colors)
 230 0.4 4 Flashing traffic control signal or flashing beacon
 125 0.2 8 Other traffic signal
 47 0.1 9 Unknown traffic signal

Regulatory, School Zone or Warning Signs:

6030 10.8 21 Stop sign
 459 0.8 22 Yield sign
 7 0.0 23 School zone related sign
 282 0.5 28 Other sign
 4 0.0 29 Unknown sign

Warning sign

29 0.1 40 Advisory Speed Sign
 16 0.0 41 Warning Sign for Road Conditions (hill, steep grade, ect.)
 19 0.0 42 Warning Sign for Road Construction
 0 0.0 43 Warning Sign for Environment/Traffic (Fog ahead, wind, Crash ahead)
 120 0.2 49 Unknown Type Warning

Miscellaneous not at Railroad Crossing:

84 0.2 51 Officer, Crossing guard, Flagman, etc.

Not at Railroad Grade Crossing

76 0.1 61 Active devices (gates, flashing lights, traffic signal)
 25 0.0 62 Passive devices (stop sign, cross-bucks)

Other/Unknown

403 0.7 97 Traffic control present - no details
 84 0.2 98 Other traffic control (whether or not at RR grade crossing)
 1357 2.4 99 Unknown

Variable 22	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt Code Value and Description

10 0.0 0 No statutory limit (parking lot, alley, etc.)
 8 0.0 5
 - Actual speed limit
 1130 2.0 65
 10035 18.0 99 Unknown

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

1993 Prcnt Code Value and Description

36901	66.3	1	Daylight
6385	11.5	2	Dark
9344	16.8	3	Dark, but lighted
601	1.1	4	Dawn
1239	2.2	5	Dusk
0	0.0	6	Dawn or Dusk
1174	2.1	9	Unknown

Variable 24 ATMOSPHERIC CONDITION Width: 1 Type: Numeric
Dec: None Miss: 9

1993 Prcnt Code Value and Description

44349	79.7	1	No adverse atmospheric related driving conditions
7449	13.4	2	Rain
203	0.4	3	Sleet
1808	3.2	4	Snow
309	0.6	5	Fog
10	0.0	6	Rain and fog
19	0.0	7	Sleet and fog
323	0.6	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
1174	2.1	9	Unknown

Variable 25 SCH BUS RELATED TO ACC Width: 1 Type: Numeric
Dec: None Miss: None

Was a school bus directly or indirectly involved?

1993 Prcnt Code Value and Description

55287	99.4	0	No
357	0.6	1	Yes

Variable 26 PED/CYCLIST ACC TYPE Width: 4 Type: Numeric
Dec: None Miss: None

Pedestrian/Cyclist Crash Type

1993 Prcnt Code Value and Description

51342	92.3	0	No pedestrian/cyclist involved
84	0.2	1	Cyclist from Driveway, Alley, or Oth Midblock Location Cyclist fails to yield at a residential driveway; pre-crash path perpendicular to roadway

Variable 26:PED/CYCLIST ACC TYPE (Continued)

1993 Prcnt	Code	Value and Description
22	0.0	2 Cyclist fails to yield at a commercial driveway; pre-crash path perpendicular to roadway
42	0.1	3 Cyclist turns/merges into path from residential driveway; pre-crash path parallel to roadway
119	0.2	4 Cyclist fails to yield at a midblock location; entry is over curb or shoulder
Bicyclist Rides out from a Controlled Intersection		
122	0.2	5 Cyclist fails to yield at intersection
9	0.0	6 Cyclist fails to clear intersection; motorist view not obstructed
4	0.0	7 Cyclist fails to clear intersection; motorist view obstructed by standing traffic
Motorist Turns or Drives out in Front of Bicyclist		
98	0.2	8 Motorist fails to yield from driveway, alley, or other midblock location
144	0.3	9 Motorist obeys intersection stop sign or flashing red light, but fails to yield to cyclist
49	0.1	10 Motorist obeys intersection signal, but fails to yield to cyclist while making right turn on red
22	0.0	11 Motorist backing from driveway fails to yield to cyclist
35	0.1	12 Motorist fails to stop at intersection controlled by stop sign
Motorist Overtakes Bicyclist		
22	0.0	13 Motorist fails to detect cyclist
9	0.0	14 Motorist loses control of vehicle
16	0.0	15 Motorist and cyclist counteract each other's evasive action
12	0.0	16 Motorist misjudges space required to pass cyclist
5	0.0	17 Cyclist's path obstructed; cyclist strikes obstruction or motorist
Bicyclist Makes Unexpected Turn or Swerve		
39	0.1	18 Cyclist turns left in front of motorist - same direction
17	0.0	19 Cyclist turns left in front of motorist - opposite direction
27	0.0	20 Cyclist loses control and swerves into path - same direction
5	0.0	21 Cyclist riding on wrong side of street makes right turn in path of approaching motorist
Motorist Makes Unexpected Turn		
32	0.1	22 Motorist makes left turn in front of cyclist - same direction
104	0.2	23 Motorist makes left turn in front of cyclist - opposite direction
104	0.2	24 Motorist makes right turn in front of cyclist; parallel path, either direction

Variable 26:PED/CYCLIST ACC TYPE (Continued)

1993 Prcnt	Code	Value and Description
Other/Infrequent		
15	0.0	25 Vehicles collided at uncontrolled intersection; crossing paths
50	0.1	26 Vehicles collide head-on; wrong-way bicyclist
24	0.0	27 Bicyclist overtaking motor vehicle
3	0.0	28 Vehicles collide head-on; wrong-way motorist
8	0.0	29 Parking lot, other open area; crossing paths
14	0.0	30 Vehicles collide head-on; counteractive evasive action
20	0.0	31 Bicyclist cuts corner when turning left; crossing paths
8	0.0	32 Bicyclist swings wide when turning right; crossing paths
25	0.0	33 Motorist cuts corner when turning left; crossing paths
39	0.1	34 Motorist swings wide when turning right; crossing paths
7	0.0	35 Motorist drive out from on-street parking
3	0.0	36 Weird
0	0.0	37 Insufficient information to classify
98	0.2	39 Motorist overtaking (Cyclist)
3	0.0	40 Play vehicle (big wheel, tricycle, bicycle with training wheels)
0	0.0	41 Cyclist struck parked vehicle
59	0.1	48 Drive out - intersection
118	0.2	49 Ride out - intersection
61	0.1	55 Controlled intersection - other
11	0.0	97 Unknown
48	0.1	98 Parallel path - unknown
46	0.1	99 Intersecting path - unknown
Pedestrian Crash Types		
19	0.0	110 Commercial bus
18	0.0	120 School bus
18	0.0	130 Vendor
0	0.0	140 Mailbox related
22	0.0	150 Entering/exiting
25	0.0	210 Driverless vehicle
67	0.1	220 Backing
0	0.0	230 Hot pursuit
1	0.0	310 To/from disabled vehicle
26	0.0	320 Disabled vehicle related
2	0.0	330 Emergency vehicle related
30	0.1	410 Working on roadway
13	0.0	420 Play vehicle related
26	0.0	430 Playing in roadway
1	0.0	510 Hitchhiking
10	0.0	520 Expressway crossing
62	0.1	531 Walking along roadway - with traffic
14	0.0	532 Walking along roadway - against traffic
13	0.0	539 Walking along roadway - can't specify
21	0.0	610 Waiting to cross
62	0.1	620 Not in roadway
19	0.0	710 Multiple threat intersection
315	0.6	720 Vehicle turn/merge
118	0.2	730 Intersection dash
12	0.0	740 Trapped

Variable 26: PED/CYCLIST ACC TYPE (Continued)

1993 Prcnt	Code	Value and Description
19	0.0	750 Pedestrian walked into vehicle - intersection
28	0.1	760 Driver violation
462	0.8	790 Intersection - other
11	0.0	810 Multiple threat - midblock
24	0.0	821 Midblock dart-out - first half
6	0.0	822 Midblock dart-out - second half
41	0.1	829 Midblock dart-out - can't specify
311	0.6	830 Midblock dash
28	0.1	840 Pedestrian walked into vehicle - midblock
542	1.0	890 Midblock - other
88	0.2	910 Other - weird
21	0.0	920 Inadequate information

Pedestrian's in Wheel Chair Crash Types

1	0.0	1620 Not in roadway
2	0.0	1720 Vehicle turn/merge
0	0.0	1740 Trapped
0	0.0	1790 Intersection - other
2	0.0	1890 Midblock - other

Variable 27	MAX INJ SEVERITY IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Maximum injury severity in crash

1993 Prcnt	Code	Value and Description
25176	45.2	0 No Injury
10058	18.1	1 Possible Injury
11330	20.4	2 Nonincapacitating
6012	10.8	3 Incapacitating
456	0.8	4 Fatal
254	0.5	5 Unknown Injury Severity
2	0.0	6 Died Prior
70	0.1	8 No Person Coded in Crash
2286	4.1	9 Unknown

Variable 28	NUM INJ PERSONS IN ACC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number of injured persons in crash

1993 Prcnt	Code	Value and Description
26082	46.9	0 None
18908	34.0	1
		- Actual number of people injured
1	0.0	28

Variable 28:NUM INJ PERSONS IN ACC (Continued)

1993 Prcnt	Code	Value and Description
70	0.1	98 No Person Coded
1382	2.5	99 Unknown

Variable 29	ALCOHOL INVOLVED IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was alcohol usage involved in the crash?

1993 Prcnt	Code	Value and Description
3914	7.0	1 Alcohol Involved
50342	90.5	2 No Alcohol Involved
0	0.0	8 No Person Coded
1388	2.5	9 Unknown

Variable 30	POLICE JURISDICTION	Width: 2	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

Variable 31	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
26072	46.9	1 Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
7004	12.6	2 Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
8342	15.0	3 Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
14226	25.6	4 Group 4 - All other crashes

Variable 32	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

General Estimates System (GES)
1993 - Accident

Variable 33	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt Code Value and Description

8907	16.0	1	Northeast
16076	28.9	2	Midwest
21102	37.9	3	South
9559	17.2	4	West

Variable 34	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

Imputed ACCIDENT Variables

Variables 37 through 52 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: 9

Imputed alcohol involved in crash

This variable was imputed by NHTSA

1993 Prcnt Code Value and Description

4523	8.1	1	Alcohol Involved
51121	91.9	2	No Alcohol Involved
0	0.0	8	No Person Coded

Variable 36	IMP ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt Code Value and Description

49222	88.5	1	Straight
6422	11.5	2	Curve

Variable 37	IMP FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
NonCollision		
1707	3.1	1 Rollover/Overturn
85	0.2	2 Fire/Explosion
31	0.1	3 Immersion
109	0.2	5 Jackknife
131	0.2	6 Noncollision injury (injured in vehicle, or fell from vehicle)
412	0.7	8 Other noncollision
29	0.1	9 Noncollision - No details
23	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
2374	4.3	21 Pedestrian
1797	3.2	22 Cycle or cyclist (pedalcycle or pedalcyclist)
38	0.1	23 Railway train
1226	2.2	24 Animal
35237	63.3	25 Motor vehicle in transport
2439	4.4	26 Parked motor vehicle (or other mv not in transport)
12	0.0	27 Other type nonmotorist
217	0.4	28 Other object not fixed
4	0.0	29 Object not fixed - no details
Collision with Fixed Object		
17	0.0	31 Ground
123	0.2	32 Building
14	0.0	33 Impact attenuator or crash cushion
185	0.3	34 Bridge Structure (pier/abutment/parapet end/rail)
1081	1.9	35 Guardrail
554	1.0	36 Concrete traffic barrier or other longitudinal barrier type
2063	3.7	37 Post, Pole or Support (sign post, utility post)
1349	2.4	38 Culvert or Ditch
891	1.6	39 Curb
584	1.0	40 Embankment
457	0.8	41 Fence
178	0.3	42 Wall
96	0.2	43 Fire hydrant
68	0.1	44 Shrubbery or bush
1353	2.4	45 Tree
87	0.2	46 Boulder
48	0.1	50 Pavement Surface Irregularity (ruts, potholes, grates, plates, ect.)
600	1.1	58 Other fixed object
25	0.0	59 Fixed object - No details

General Estimates System (GES)
1993 - Accident

Variable 38	IMP ACCIDENT TIME - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
1190	2.1	0 12:01 am - 12:59 am
1124	2.0	1 1:00 am - 1:59 am
1072	1.9	2 2:00 am - 2:59 am
720	1.3	3 3:00 am - 3:59 am
560	1.0	4 4:00 am - 4:59 am
716	1.3	5 5:00 am - 5:59 am
1280	2.3	6 6:00 am - 6:59 am
2631	4.7	7 7:00 am - 7:59 am
2669	4.8	8 8:00 am - 8:59 am
2139	3.8	9 9:00 am - 9:59 am
2415	4.3	10 10:00 am - 10:59 am
2737	4.9	11 11:00 am - 11:59 am
3330	6.0	12 12:00 pm - 12:59 pm
3176	5.7	13 1:00 pm - 1:59 pm
3693	6.6	14 2:00 pm - 2:59 pm
4450	8.0	15 3:00 pm - 3:59 pm
4275	7.7	16 4:00 pm - 4:59 pm
4445	8.0	17 5:00 pm - 5:59 pm
3266	5.9	18 6:00 pm - 6:59 pm
2538	4.6	19 7:00 pm - 7:59 pm
2059	3.7	20 8:00 pm - 8:59 pm
1882	3.4	21 9:00 pm - 9:59 pm
1741	3.1	22 10:00 pm - 10:59 pm
1498	2.7	23 11:00 pm - 11:59 pm
38	0.1	24 12:00 Midnight

Variable 39	IMP LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
37705	67.8	1 Daylight
6518	11.7	2 Dark
9540	17.1	3 Dark, but lighted
613	1.1	4 Dawn
1268	2.3	5 Dusk
0	0.0	6 Dawn or Dusk

Variable 40	IMP MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
20407	36.7	0 Not collision with vehicle in transport
12404	22.3	1 Rear-end
1041	1.9	2 Head-on
6	0.0	3 Rear-to-rear
19774	35.5	4 Angle
1617	2.9	5 Sideswipe, same direction
371	0.7	6 Sideswipe, opposite direction
24	0.0	8 Other

Variable 41	IMP MAX INJ SEV. IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
26937	48.4	0 No Injury
10345	18.6	1 Possible Injury
11446	20.6	2 Nonincapacitating
6109	11.0	3 Incapacitating
461	0.8	4 Fatal
274	0.5	5 Unknown Injury Severity
2	0.0	6 Died Prior
70	0.1	8 No Person Coded in Crash

Variable 42	IMP ACC TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
5592	10.0	0 - Minute
365	0.7	59

General Estimates System (GES)
1993 - Accident

Variable 43	I NUM INJ PERSONS IN ACC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
27009 48.5	0	None
19076 34.3	1	
	-	Actual number of people injured
1 0.0	28	

Variable 44	IMPUTED ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
41010 73.7	1	Level
13352 24.0	2	Grade
1077 1.9	3	Hillcrest
205 0.4	8	Other

Variable 45	IMP RELATION TO JUNCTION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
Non -Interchange Area		
26751 48.1	0	Non-junction
17002 30.6	1	Intersection
5141 9.2	2	Intersection Related
4970 8.9	3	Driveway, Alley Access, Etc.
190 0.3	4	Entrance/Exit Ramp
94 0.2	5	Rail Grade Crossing
199 0.4	8	Other, Non-interchange
Interchange Area		
269 0.5	10	Non-junction
249 0.4	11	Intersection
120 0.2	12	Intersection Related
5 0.0	13	Driveway Access.
588 1.1	14	Entrance/Exit Ramp
66 0.1	18	Other Location in Interchange

Variable 46 IMPUTED SPEED LIMIT Width: 2 Type: Numeric
Dec: None Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
10	0.0	0 No statutory limit (parking lot, alley, etc.)
8	0.0	5
		- Actual speed limit
1450	2.6	65

Variable 47 IMP ROADWAY SURFACE COND Width: 1 Type: Numeric
Dec: None Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
40990	73.7	1 Dry
11201	20.1	2 Wet
1095	2.0	3 Snow or slush
2083	3.7	4 Ice
116	0.2	5 Sand, dirt, oil
159	0.3	8 Other

Variable 48 I TRAFFIC CONTROL DEVICE Width: 2 Type: Numeric
Dec: None Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
37325	67.1	0 No controls
		Not at Railroad Grade Crossing
10076	18.1	1 Traffic control signal (on colors)
235	0.4	4 Flashing traffic control signal or flashing beacon
128	0.2	8 Other traffic signal
48	0.1	9 Unknown traffic signal
		Regulatory, School Zone or Warning Signs:
6183	11.1	21 Stop sign
474	0.9	22 Yield sign
7	0.0	23 School zone related sign
289	0.5	28 Other sign
4	0.0	29 Unknown sign
		Warning sign
30	0.1	40 Advisory Speed Sign
16	0.0	41 Warning Sign for Road Conditions (hill, steep grade, ect.)
19	0.0	42 Warning Sign for Road Construction

Variable 48:I TRAFFIC CONTROL DEVICE (Continued)

1993 Prcnt	Code	Value and Description
0	0.0	43 Warning Sign for Environment/Traffic (Fog ahead, wind, Crash ahead)
123	0.2	49 Unkown Type Warning
Miscellaneous not at Railroad Crossing:		
86	0.2	51 Officer, Crossing guard, Flagman, etc.
Not at Railroad Grade Crossing		
78	0.1	61 Active devices (gates, flashing lights, traffic signal)
26	0.0	62 Passive devices (stop sign, cross-bucks)
Other/Unknown		
411	0.7	97 Traffic control present - no details
86	0.2	98 Other traffic control (whether or not at RR grade crossing)

Variable 49	I ATMOSPHERIC CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
45300	81.4	1 No adverse atmospheric related driving conditions
7612	13.7	2 Rain
207	0.4	3 Sleet
1850	3.3	4 Snow
316	0.6	5 Fog
10	0.0	6 Rain and fog
19	0.0	7 Sleet and fog
330	0.6	8 Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)

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

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
5955	10.7	1 Sunday
7817	14.0	2 Monday
7824	14.1	3 Tuesday
8082	14.5	4 Wednesday
8241	14.8	5 Thursday
9941	17.9	6 Friday
7784	14.0	7 Saturday

The VEHICLE/DRIVER Variables

Variables 101 through 164 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: 8	Type: Numeric
		Dec: None	Miss: None

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

1993 Prcnt		Code Value and Description	
55644	57.6	1	Vehicle #1
35876	37.2	2	Vehicle #2
4063	4.2	3	Vehicle #3
740	0.8	4	Vehicle #4
153	0.2	5	Vehicle #5
40	0.0	6	Vehicle #6
12	0.0	7	Vehicle #7
4	0.0	8	Vehicle #8
3	0.0	9	Vehicle #9
2	0.0	10	Vehicle #10
1	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12
1	0.0	13	Vehicle #13
1	0.0	14	Vehicle #14
1	0.0	15	Vehicle #15
1	0.0	16	Vehicle #16
1	0.0	17	Vehicle #17

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

1993 Prcnt		Code Value and Description	
335	0.3	0	Unattended vehicle (driverless or no driver involved)
91357	94.6	1	Driver operated vehicle
4852	5.0	2	Hit-and-run
0	0.0	9	Unknown driver presence

General Estimates System (GES)
1993 - Vehicle

Variable 104	VIOLATIONS CHARGED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt	Code	Value and Description
68235	70.7	0 None
1886	2.0	1 Alcohol or drugs
2914	3.0	2 Speeding
229	0.2	3 Alcohol or drugs and speeding
1169	1.2	4 Reckless driving
331	0.3	5 Driving with a suspended or revoked license
3933	4.1	6 Failure to yield right-of-way
1530	1.6	7 Running a traffic signal or stop sign
4241	4.4	50 Hit & run (and no information)
4073	4.2	97 Violation charged - no details
7730	8.0	98 Other violation
273	0.3	99 Unknown

Variable 105	VISION OBSCURED BY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Driver's vision obscured by

1993 Prcnt	Code	Value and Description
89800	93.0	0 No obstruction
94	0.1	1 Rain, snow, fog, smoke, sand, dust
184	0.2	2 Reflected glare, bright sunlight, headlights
86	0.1	3 Curve, hill
47	0.0	4 Building, billboard, or other design features (includes signs, embankment)
86	0.1	5 Trees, crops, vegetation
358	0.4	6 Moving vehicle (including load)
329	0.3	7 Parked vehicle
2	0.0	8 Splash or spray of passing vehicle
6	0.0	9 Inadequate defrost or defog system
4	0.0	10 Inadequate lighting system
0	0.0	11 Obstruction interior to vehicle
0	0.0	12 Mirrors
1	0.0	13 Head restraints
36	0.0	14 Broken or improperly cleaned windshield
15	0.0	15 Fog
4507	4.7	50 Hit-and-run vehicle
104	0.1	97 Vision obscured - no details
61	0.1	98 Other obstruction
824	0.9	99 Unknown whether vision was obscured

Variable 106 DRIVER MANEUVER TO AVOID Width: 2 Type: Numeric
Dec: None Miss: 99

Driver maneuvered to avoid

1993 Prcnt	Code	Value and Description
89274	92.5	0 Driver did not maneuver to avoid
71	0.1	1 Object in road
7	0.0	2 Poor road conditions (puddle, ice, pot hole, ect.)
297	0.3	3 Animal in road
1973	2.0	4 Vehicle in road
180	0.2	5 Pedestrian, pedalcyclist, or other non-motorist in road
4515	4.7	50 Hit & run (and no information)
8	0.0	97 Avoidance Maneuver - no details
219	0.2	99 Unknown if driver maneuvered to avoid

Variable 107 DRIVER DISTRACTED BY Width: 2 Type: Numeric
Dec: None Miss: 99

1993 Prcnt	Code	Value and Description
90822	94.1	0 Not distracted
99	0.1	1 Passengers, occupants
83	0.1	2 Vehicle instrument display (radio, cassette, CB, heating/AC)
12	0.0	3 Phone
540	0.6	4 Other internal distractions
11	0.0	5 Other crash ("rubbernecking")
110	0.1	6 Other external distractions
4506	4.7	50 Hit & run (and no information)
113	0.1	97 Distractions - no details
248	0.3	99 Unknown if distracted

Variable 108 HIT-AND-RUN Width: 1 Type: Numeric
Dec: None Miss: 9

1993 Prcnt	Code	Value and Description
91681	95.0	0 No, did not leave scene
4852	5.0	1 Yes, driver or car and driver left scene
11	0.0	9 Unknown

Variable 109 MAKE Width: 2 Type: Numeric
Dec: None Miss: 99

1993 Prcnt	Code	Value and Description
180	0.2	1 American Motors
1079	1.1	2 Jeep (includes Kaiser-Jeep)

Variable 109:MAKE (Continued)

1993	Prcnt	Code	Value and Description
17	0.0	3	AM General
1280	1.3	6	Chrysler
4444	4.6	7	Dodge
3	0.0	8	Imperial
2176	2.3	9	Plymouth
174	0.2	10	Eagle
16443	17.0	12	Ford
854	0.9	13	Lincoln
2694	2.8	14	Mercury
4145	4.3	18	Buick
1550	1.6	19	Cadillac
17138	17.8	20	Chevrolet
4622	4.8	21	Oldsmobile
4613	4.8	22	Pontiac
2348	2.4	23	GMC
223	0.2	24	Saturn
43	0.0	25	Grumman
3	0.0	29	Other domestic
1127	1.2	30	Volkswagen
15	0.0	31	Alfa Romeo
191	0.2	32	Audi
0	0.0	33	Austin/Austin Healey
472	0.5	34	BMW
4478	4.6	35	Nissan/Datsun
17	0.0	36	Fiat
4229	4.4	37	Honda
540	0.6	38	Isuzu
68	0.1	39	Jaguar
0	0.0	40	Lancia
1811	1.9	41	Mazda
417	0.4	42	Mercedes Benz
15	0.0	43	MG
47	0.0	44	Peugeot
68	0.1	45	Porsche
129	0.1	46	Renault
157	0.2	47	Saab
670	0.7	48	Subaru
5665	5.9	49	Toyota
11	0.0	50	Triumph
676	0.7	51	Volvo
627	0.6	52	Mitsubishi
328	0.3	53	Suzuki
383	0.4	54	Acura
720	0.7	55	Hyundai
21	0.0	56	Merkur
32	0.0	57	Yugo
48	0.0	58	Infiniti
102	0.1	59	Lexus
28	0.0	60	Daihatsu
16	0.0	61	Sterling
19	0.0	69	Other foreign
2	0.0	70	BSA

Variable 109:MAKE (Continued)

1993 Prcnt	Code	Value and Description
1	0.0	71 Ducati
275	0.3	72 Harley-Davidson
254	0.3	73 Kawasaki
0	0.0	74 Moto-Guzzi
1	0.0	75 Norton
276	0.3	76 Yamaha
21	0.0	78 Moped (other than listed manufacturers)
27	0.0	79 Other motorcycle
2	0.0	80 Brockway
6	0.0	81 Diamond Reo, Reo
1310	1.4	82 Freightliner, White
0	0.0	83 FWD
1891	2.0	84 International Harvester/Navistar
653	0.7	85 Kenworth
743	0.8	86 Mack
617	0.6	87 Peterbilt
15	0.0	88 Iveco/Magirus
570	0.6	98 Other (truck or bus)
2724	2.8	99 Unknown make

Variable 110	MAKE/MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

1993 Prcnt	Code	Value and Description
American Motors		
4	0.0	1001 Rambler/American
1	0.0	1002 Rebel/Matador
2	0.0	1003 Ambassador
7	0.0	1004 Pacer
1	0.0	1005 AMX
0	0.0	1006 Javelin
31	0.0	1007 Hornet/Concord
22	0.0	1008 Spirit/Gremlin
19	0.0	1009 Eagle
0	0.0	1010 Eagle SX-4
1	0.0	1398 Other (automobile)
92	0.1	1399 Unknown (automobile)
0	0.0	1999 Unknown (vehicle)
Jeep		
0	0.0	2401 CJ-2/CJ-3/CJ-4
81	0.1	2402 CJ-5/CJ-6/CJ-7/CJ-8
91	0.1	2403 YJ-Wrangler
360	0.4	2404 Cherokee (84 on)
10	0.0	2421 Cherokee (thru 83)
47	0.0	2431 Grand Wagoneer
32	0.0	2481 Pickup
21	0.0	2482 Comanche
2	0.0	2498 Other light truck

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
435	0.5	2499	Unk light truck
0	0.0	2999	Unknown Jeep
AM General			
5	0.0	3401	Dispatcher (Post Office Jeep)
0	0.0	3421	Hummer
0	0.0	3466	Dispatcher DJ
1	0.0	3498	Other light truck
7	0.0	3499	Unk light truck
0	0.0	3884	Med/Hvy truck
0	0.0	3898	Other Med/Hvy truck
4	0.0	3899	Unk Med/Hvy truck
0	0.0	3983	Bus rear engine
0	0.0	3988	Other bus
0	0.0	3989	Unknown bus
0	0.0	3998	Other (vehicle)
0	0.0	3999	Unknown AM General
Chrysler			
37	0.0	6009	Cordoba
197	0.2	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
46	0.0	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
44	0.0	6015	Laser
177	0.2	6016	Lebaron
30	0.0	6017	Lebaron GTS/GTC
2	0.0	6031	TC Maserati Sport
3	0.0	6035	Conquest
8	0.0	6041	Concorde
0	0.0	6042	LHS - New Yorker (94 on)
2	0.0	6398	Other Auto
713	0.7	6399	Unk Auto
9	0.0	6441	Town & Country (Minivan)
1	0.0	6498	Other Light Truck
9	0.0	6499	Unk Light Truck
2	0.0	6999	Unknown Chrysler
Dodge			
29	0.0	7001	Dart
24	0.0	7002	Coronet/Magnum/Charger(thru 78)
8	0.0	7003	Polara/Monaco/Royal Monaco
0	0.0	7004	Viper
5	0.0	7005	Challenger
29	0.0	7006	Aspen
51	0.1	7007	Diplomat
192	0.2	7008	Omni/Charger(83 on)
7	0.0	7009	Mirada
3	0.0	7010	St Regis
148	0.2	7011	Aries (K)
5	0.0	7012	400
2	0.0	7013	Rampage (car based pickup)
46	0.0	7014	600
110	0.1	7015	Daytona

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
32	0.0	7016	Lancer
239	0.2	7017	Shadow
128	0.1	7018	Dynasty
98	0.1	7019	Spirit
0	0.0	7020	Neon
6	0.0	7033	Challenger (import)
150	0.2	7034	Colt (excludes Vista)
3	0.0	7035	Conquest
15	0.0	7039	Stealth
5	0.0	7040	Monaco
14	0.0	7041	Intrepid
3	0.0	7398	Other Auto
1127	1.2	7399	Unk Auto
7	0.0	7401	Raider
27	0.0	7421	Ramchager
11	0.0	7441	Vista
341	0.4	7442	Caravan
104	0.1	7461	B-series Van
0	0.0	7470	Van Derivative
72	0.1	7471	D50,Colt Pickup,Ram 50/100
114	0.1	7472	Dakota
149	0.2	7481	D,W-series Pickup
4	0.0	7498	Other lt Truck
1052	1.1	7499	Unk lt Truck
4	0.0	7850	Motorhome-trk/base
0	0.0	7881	Med/hvy CBE
0	0.0	7882	Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
5	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
0	0.0	7898	Other med/hvy truck
17	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium Bus (not van based)
5	0.0	7988	Other Bus
0	0.0	7997	Other Bus
0	0.0	7998	Other Veh
53	0.1	7999	Unknown Dodge
Imperial			
0	0.0	8010	Imperial
0	0.0	8398	Other Auto
3	0.0	8399	Unk Auto
0	0.0	8999	Unk Imperial
Plymouth			
28	0.0	9001	Valiant/Scamp/Duster(thru 76)
3	0.0	9002	Satellite/Belvedere
13	0.0	9003	Fury (thru 78)
21	0.0	9004	Gran Fury (75 on)
5	0.0	9005	Barracuda
30	0.0	9006	Volare'
19	0.0	9007	Caravelle

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
209	0.2	9008	Horizon, Turismo
180	0.2	9011	Reliant (K)
3	0.0	9013	Scamp-auto based pickup
163	0.2	9017	Sundance
94	0.1	9019	Acclaim
0	0.0	9031	Cricket
6	0.0	9032	Arrow
10	0.0	9033	Sapporo import
54	0.1	9034	Champ/Colt (excludes Vista)
4	0.0	9035	Conquest
47	0.0	9037	Laser
2	0.0	9398	Other Auto
788	0.8	9399	Unk Auto
1	0.0	9421	Trailduster
4	0.0	9441	Vista
265	0.3	9442	Voyager (minivan)
5	0.0	9461	B-series Van (fullsize)
2	0.0	9471	Arrow Pickup (foreign)
2	0.0	9498	Other lt truck
203	0.2	9499	Unk lt truck
0	0.0	9998	Other (vehicle)
15	0.0	9999	Unknown Plymouth
Eagle			
26	0.0	10034	Summit
31	0.0	10037	Talon
22	0.0	10040	Premier
5	0.0	10041	Vision
7	0.0	10044	Medallion
0	0.0	10398	Other auto
80	0.1	10399	Unk auto
2	0.0	10441	Summit Wagon
1	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck
0	0.0	10999	Unk Eagle
Ford			
8	0.0	12001	Falcon
14	0.0	12002	Fairlane
814	0.8	12003	Mustang/Mustang II
595	0.6	12004	Thunderbird
51	0.1	12005	Ltd II
424	0.4	12006	Ltd/Galaxy/Custom
6	0.0	12007	Ranchero
60	0.1	12008	Maverick
42	0.0	12009	Pinto
35	0.0	12010	Torino/Gran Torino/Elite
117	0.1	12011	Granada
145	0.2	12012	Fairmont
1213	1.3	12013	Escort/EXP
715	0.7	12015	Tempo
207	0.2	12016	Crown Victoria

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Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
787	0.8	12017	Taurus
249	0.3	12018	Probe
0	0.0	12031	English Ford
17	0.0	12032	Fiesta
99	0.1	12033	Festiva
0	0.0	12034	Laser
0	0.0	12035	Contour
0	0.0	12036	Aspire
3	0.0	12398	Other Auto
3422	3.5	12399	Unk Auto
378	0.4	12401	Bronco II/Bronco(thru 77)/Explorer
165	0.2	12421	Bronco-fullsize (78 on)
311	0.3	12441	Aerostar
403	0.4	12461	E-series Van
9	0.0	12470	Van derivative
720	0.7	12471	Ranger
24	0.0	12472	Courier
1378	1.4	12481	F-series Pickup
25	0.0	12498	Other lt truck
2733	2.8	12499	Unk lt truck
1	0.0	12850	Motorhome truck based
32	0.0	12881	Med/Hvy CBE
0	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
327	0.3	12884	Med/Hvy unk engine location
19	0.0	12890	Med/Hvy COE unk entry position
7	0.0	12898	Other Med/Hvy truck
525	0.5	12899	Unk Med/Hvy truck
1	0.0	12981	Medium bus
65	0.1	12988	Other bus
10	0.0	12989	Unknown bus
0	0.0	12997	Other (bus)
8	0.0	12998	Other (vehicle)
279	0.3	12999	Unknown Ford
Lincoln			
347	0.4	13001	Town Car/Continental
57	0.1	13002	Mark I - VIII
44	0.0	13005	Continental (82 on)
5	0.0	13011	Versailles
1	0.0	13398	Other Auto
399	0.4	13399	Unk Auto
1	0.0	13999	Unk vehicle
Mercury			
1	0.0	14002	Cyclone
50	0.1	14003	Capri-domestic
438	0.5	14004	Cougar/XR7
316	0.3	14006	Marquis/Monterey
8	0.0	14008	Comet
2	0.0	14009	Bobcat
3	0.0	14010	Montego

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Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
20	0.0	14011	Monarch
55	0.1	14012	Zephyr
104	0.1	14013	Lynx/LN7 (82-83)
212	0.2	14015	Topaz
205	0.2	14017	Sable
28	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
101	0.1	14036	Tracer
0	0.0	14037	Mystique
2	0.0	14398	Other Auto
1132	1.2	14399	Unknown Auto
15	0.0	14443	Villager
2	0.0	14999	Unknown Mercury
Buick			
16	0.0	18001	Special/Skylark
528	0.5	18002	Lesabre/Wildcat/Centurion
279	0.3	18003	Electra/Electra 225/Park Avenue (91 on)
17	0.0	18004	Roadmaster
130	0.1	18005	Riviera
354	0.4	18007	Century
6	0.0	18008	Apollo/Skylark (75)
417	0.4	18010	Regal
84	0.1	18012	Skyhawk
168	0.2	18015	Skylark (76-85)
191	0.2	18018	Somerset/Skylark(86 on)
119	0.1	18020	Regal FWD
3	0.0	18021	Reatta
0	0.0	18031	Opel Kadette
1	0.0	18032	Opel Manta
2	0.0	18033	Opel GT
0	0.0	18034	Opel Isuzu
3	0.0	18398	Other Auto
1827	1.9	18399	Unk Auto
0	0.0	18999	Unk vehicle
Cadillac			
530	0.5	19003	Deville/Fleetwood (except Limousine)
11	0.0	19004	Limousine
111	0.1	19005	Eldorado
0	0.0	19006	Commercial Series
3	0.0	19009	Allante'
111	0.1	19014	Seville
18	0.0	19016	Cimarron
2	0.0	19398	Other auto
764	0.8	19399	Unk auto
0	0.0	19999	Unk Cadillac
Chevrolet			
293	0.3	20001	Malibu/Chevelle
965	1.0	20002	Caprice/Impala
99	0.1	20004	Corvette

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Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
1	0.0	20006	Corvair
108	0.1	20007	El Camino
147	0.2	20008	Nova (-79)
742	0.8	20009	Camaro
406	0.4	20010	Monte Carlo (-88)
2	0.0	20011	Vega
14	0.0	20012	Monza
228	0.2	20013	Chevette
157	0.2	20015	Citation
1078	1.1	20016	Cavalier
513	0.5	20017	Celebrity
589	0.6	20019	Baretta/Corsica
268	0.3	20020	Lumina
94	0.1	20031	Spectrum
305	0.3	20032	Nova/Geo Prizm
53	0.1	20033	Sprint/Geo Sprint
141	0.1	20034	Geo Metro
100	0.1	20035	Geo Storm
2	0.0	20398	Other Auto
4345	4.5	20399	Unk Auto
140	0.1	20401	S-10 Blazer
66	0.1	20402	Geo Tracker
131	0.1	20421	Blazer-fullsize
285	0.3	20431	Suburban
296	0.3	20441	Astro Van
27	0.0	20442	Lumina APV
120	0.1	20461	G-series Van
2	0.0	20466	P-series Van
11	0.0	20470	Van Derivative
657	0.7	20471	S-10,T-10
36	0.0	20472	LUV imported PU
1112	1.2	20481	C,K,R,V-series Pickup
21	0.0	20498	Other lt truck
3104	3.2	20499	Unk lt truck
1	0.0	20850	Motorhome - truck based
12	0.0	20881	Med/Hvy CBE
0	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
40	0.0	20884	Med/Hvy Unk engine location
6	0.0	20890	Med/Hvy COE Unk entry position
1	0.0	20898	Other med/hvy
227	0.2	20899	Unk med/hvy
0	0.0	20981	Bus S-60 series
36	0.0	20988	Other Bus
4	0.0	20989	Unknown Bus
0	0.0	20997	Other Bus
1	0.0	20998	Other Vehicle
152	0.2	20999	Unknown vehicle
			Oldsmobile
1069	1.1	21001	Cutlass (RWD only)
581	0.6	21002	Delta 88

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
309	0.3	21003	Ninety-Eight
91	0.1	21005	Toronado
0	0.0	21006	Commercial Series
2	0.0	21012	Starfire
67	0.1	21015	Omega
32	0.0	21016	Firenza
151	0.2	21017	Ciera
160	0.2	21018	Calais
268	0.3	21020	Cutlass (FWD)
21	0.0	21021	Achieva
0	0.0	21022	Aurora
3	0.0	21398	Other auto
1836	1.9	21399	Unknown auto
7	0.0	21401	Bravada
10	0.0	21441	Silhouette
0	0.0	21498	Other lt trk
11	0.0	21499	Unk lt trk
0	0.0	21998	Other (vehicle)
4	0.0	21999	Unknown Oldsmobile
Pontiac			
72	0.1	22001	Lemans/Tempest (thru 79)
432	0.4	22002	Bonneville/Catalina/Parisienne
102	0.1	22005	Fiero
9	0.0	22008	Ventura
423	0.4	22009	Firebird/Trans AM
209	0.2	22010	Grand Prix RWD
2	0.0	22011	Astre
15	0.0	22012	Sunbird (thru 80)
42	0.0	22013	T-1000/1000
43	0.0	22015	Phoenix
310	0.3	22016	J2000/2000/Sunbird(85 on)
236	0.2	22017	6000
593	0.6	22018	Grand AM
166	0.2	22020	Grand Prix FWD
66	0.1	22031	Lemans (88 on)
0	0.0	22398	Other Auto
1847	1.9	22399	Unk Auto
20	0.0	22441	Trans Sport
0	0.0	22498	Other lt trk
21	0.0	22499	Unk lt trk
5	0.0	22999	Unknown Pontiac
GMC			
7	0.0	23007	Caballero/Sprint
1	0.0	23398	Other Auto
87	0.1	23399	Unk Auto
49	0.1	23401	Jimmy/Typhoon S-15 based
16	0.0	23421	Jimmy fullsize/Yukon
67	0.1	23431	Suburban
67	0.1	23441	Safari (Minivan)
37	0.0	23461	G-series Van

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	23466	P-series Van
6	0.0	23470	Van Derivative
121	0.1	23471	S15/T15/Somona
298	0.3	23481	C,K,R,V-series Pickup
12	0.0	23498	Other lt truck
863	0.9	23499	Unk lt truck
16	0.0	23881	Med/Hvy CBE
1	0.0	23882	Med/Hvy COE low entry
1	0.0	23883	Med/Hvy COE high entry
223	0.2	23884	Med/Hvy Unk engine location
13	0.0	23890	Med/Hvy COE Unk entry postion
2	0.0	23898	Other med/hvy trk
260	0.3	23899	Unk med/hvy trk
0	0.0	23950	Bus based motorhome
1	0.0	23981	Bus B6000
81	0.1	23988	Other Bus
17	0.0	23989	Unknown Bus
0	0.0	23997	Other (bus)
2	0.0	23998	Other (vehicle)
100	0.1	23999	Unknown GMC
Saturn			
68	0.1	24001	SL
14	0.0	24002	SC
1	0.0	24003	SW
0	0.0	24398	Other auto
139	0.1	24399	Unk auto
1	0.0	24470	
0	0.0	24999	Unk Saturn
Grumman			
17	0.0	25441	LLV
5	0.0	25442	Step-in van
0	0.0	25498	Other lt truck
3	0.0	25499	Unk lt truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry
0	0.0	25883	Med/Hvy COE high entry
1	0.0	25884	Med/Hvy Unk engine location
0	0.0	25890	Med/Hvy COE Unk entry postion
1	0.0	25898	Other med/hvy trk
5	0.0	25899	Unk med/hvy trk
0	0.0	25983	Bus flat front, rear engine
11	0.0	25988	Other Bus
0	0.0	25997	Other Bus
0	0.0	25999	Unknown vehicle
Other Domestic			
1	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
0	0.0	29398	Other make
2	0.0	29399	Unknown make

Variable 110:MAKE/MODEL (Continued)

1993 Prcnt Code Value and Description

Volkswagen			
8	0.0	30031	Karmann Ghia
36	0.0	30032	Beetle 1300/1500
1	0.0	30033	Super Beetle
0	0.0	30034	411/412
2	0.0	30035	Squareback/Fastback
115	0.1	30036	Rabbit
7	0.0	30037	Dasher
32	0.0	30038	Scirocco
176	0.2	30040	Jetta
16	0.0	30041	Quantum
72	0.1	30042	Golf/Cabriole
6	0.0	30043	Rabbit Pickup
63	0.1	30044	Fox
5	0.0	30045	Corrado
14	0.0	30046	Passat
1	0.0	30047	Jetta III
1	0.0	30048	Golf III
3	0.0	30398	Other Auto
512	0.5	30399	Unk Auto
0	0.0	30401	The Thing (181)
16	0.0	30441	Vanagon/Camper
0	0.0	30442	Eurovan
0	0.0	30498	Other lt truck
31	0.0	30499	Unk lt truck
1	0.0	30998	Other (vehicle)
9	0.0	30999	Unknown vehicle
Alfa Romeo			
4	0.0	31031	Spider
1	0.0	31032	Sports Sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
0	0.0	31035	164
0	0.0	31398	Other auto
10	0.0	31399	Unk auto
0	0.0	31999	Unk Alfa Romeo
Audi			
0	0.0	32031	Super 90
5	0.0	32032	100
1	0.0	32033	Fox
32	0.0	32034	4000
53	0.1	32035	5000
4	0.0	32036	80/90
1	0.0	32037	200
3	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
0	0.0	32040	S4
1	0.0	32398	Other auto
91	0.1	32399	Unk auto
0	0.0	32999	Unk Audi

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
			Austin/Austin Healey
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 100/3000
0	0.0	33035	Mini
0	0.0	33398	Other auto
0	0.0	33399	Unk auto
0	0.0	33999	Unk Austin/Austin Healey
			BMW
6	0.0	34031	1600,2002
0	0.0	34032	Coupe
0	0.0	34033	Bavarian Sedan
156	0.2	34034	3-series
55	0.1	34035	5-series
1	0.0	34036	6-series
29	0.0	34037	7-series
3	0.0	34038	8-series
9	0.0	34398	Other auto
190	0.2	34399	Unk auto
0	0.0	34701	0-50cc
5	0.0	34702	51-124cc
0	0.0	34704	350-449cc
0	0.0	34705	450-749cc
3	0.0	34706	750cc & over
14	0.0	34709	Unknown cc
0	0.0	34799	Unk motorcycle
0	0.0	34998	Other (vehicle)
1	0.0	34999	Unknown BMW
			Nissan/Datsun
0	0.0	35031	F-10
202	0.2	35032	200SX/240SX
98	0.1	35033	B210/210/1200
265	0.3	35034	Z-car,ZX
18	0.0	35035	310
15	0.0	35036	510
2	0.0	35037	610
3	0.0	35038	710
360	0.4	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
209	0.2	35042	Stanza
742	0.8	35043	Sentra
99	0.1	35044	Pulsar
0	0.0	35045	Micra
6	0.0	35046	NX 1600/2000
43	0.0	35047	Altima
3	0.0	35398	Other auto
1360	1.4	35399	Unk auto
97	0.1	35401	Pathfinder

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
10	0.0	35441	Van
5	0.0	35442	Axxess
8	0.0	35443	Quest
737	0.8	35471	Pickup
4	0.0	35498	Other lt truck
137	0.1	35499	Unk lt truck
2	0.0	35883	Med/Hvy COE high entry
1	0.0	35898	Other med/hvy truck
11	0.0	35899	Unk med/hvy truck
41	0.0	35999	Unknown Nissan/Datsun
Fiat			
0	0.0	36031	124 Coupe/Sedan
5	0.0	36032	124 Spider/Racer
1	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
3	0.0	36036	X-1/9
0	0.0	36037	Strada
1	0.0	36398	Other auto
7	0.0	36399	Unk auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry
0	0.0	36898	Other med/hvy truck
0	0.0	36899	Unk med/hvy truck
0	0.0	36999	Unknown Fiat
Honda			
871	0.9	37031	Civic/CRX
1281	1.3	37032	Accord
217	0.2	37033	Prelude
1	0.0	37034	600
0	0.0	37398	Other auto
1323	1.4	37399	Unk auto
0	0.0	37401	Passport
4	0.0	37701	0-50cc
3	0.0	37702	51-124cc
17	0.0	37703	125-349cc
12	0.0	37704	350-449cc
59	0.1	37705	450-749cc
57	0.1	37706	750cc & over
351	0.4	37709	Unknown cc
0	0.0	37731	ATC/ATV 0-50cc
2	0.0	37732	ATC/ATV 51-124cc
4	0.0	37733	ATC/ATV 125-349cc
1	0.0	37734	ATC/ATV 350cc & over
9	0.0	37739	Unk ATC/ATV cc
10	0.0	37799	Unk motored cycle
0	0.0	37998	Other (vehicle)
7	0.0	37999	Unknown Honda

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Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
			Isuzu
29	0.0	38031	I-Mark
27	0.0	38032	Impulse
7	0.0	38033	Stylus
0	0.0	38398	Other auto
101	0.1	38399	Unk auto
70	0.1	38401	Trooper/Trooper II
28	0.0	38402	Rodeo
5	0.0	38403	Amigo
134	0.1	38471	P'up Pickup
3	0.0	38498	Other lt truck
48	0.0	38499	Unk lt truck
0	0.0	38881	Med/Hvy CBE
0	0.0	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
8	0.0	38884	Med/Hvy Unk Engine Location
0	0.0	38890	Med/Hvy COE Unk Entry position
2	0.0	38898	Other med/hvy trk
50	0.1	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
1	0.0	38988	Other Bus
0	0.0	38997	Other (bus)
27	0.0	38999	Unknown Isuzu
			Jaguar
3	0.0	39031	XJ-S Coupe
21	0.0	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
4	0.0	39398	Other auto
40	0.0	39399	Unk auto
0	0.0	39999	Unk Jaguar
			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	40998	Other (vehicle)
0	0.0	40999	Unk Lancia
			Mazda
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
127	0.1	41034	RX7
271	0.3	41035	GLC/323/Protege
1	0.0	41036	Cosmo
262	0.3	41037	626
0	0.0	41038	808

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
38	0.0	41043	929
65	0.1	41044	MX-6
25	0.0	41045	Miata
27	0.0	41046	MX-3
5	0.0	41398	Other auto
515	0.5	41399	Unk auto
6	0.0	41401	Navajo
42	0.0	41441	MPV
371	0.4	41471	Mazda Pickup
1	0.0	41498	Other lt truck
50	0.1	41499	Unk lt truck
5	0.0	41999	Unknown Mazda
Mercedes Benz			
52	0.1	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
2	0.0	42032	230/280 SL 2-pass
20	0.0	42033	300/350/380/450/500/560 SL 2-pass
2	0.0	42034	350/380/420/450/560 SLC
3	0.0	42035	280/300 SEL
34	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
22	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
24	0.0	42039	190
1	0.0	42040	300
0	0.0	42041	400/500E
0	0.0	42042	220/280C
15	0.0	42398	Other auto
203	0.2	42399	Unk auto
1	0.0	42470	Van Derivative
0	0.0	42498	Other lt truck
1	0.0	42499	Unk lt truck
0	0.0	42881	Med/Hvy CBE
0	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry
7	0.0	42884	Med/Hvy Unk engine location
0	0.0	42890	Med/Hvy COE Unk entry position
0	0.0	42898	Other med/hvy trk
17	0.0	42899	Unk med/hvy trk
0	0.0	42950	Bus based motorhome
0	0.0	42981	Bus:Conv. (Engine out front)
0	0.0	42988	Other bus
0	0.0	42989	Unknown bus
0	0.0	42998	Other (vehicle)
13	0.0	42999	Unknown Mercedes-Benz
MG			
1	0.0	43031	Midget
1	0.0	43032	MGB

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
4	0.0	43033	MGB GT
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other auto
9	0.0	43399	Unk auto
0	0.0	43999	Unk MG
Peugeot			
0	0.0	44031	304
0	0.0	44032	403
0	0.0	44033	404
22	0.0	44034	504/505
0	0.0	44035	604
4	0.0	44036	405
0	0.0	44398	Oth auto
21	0.0	44399	Unk auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unknown cc
0	0.0	44799	Unk motored cycle
0	0.0	44998	Other (vehicle)
0	0.0	44999	Unknown Peugeot
Porsche			
11	0.0	45031	911
0	0.0	45032	912
3	0.0	45033	914
6	0.0	45034	924
6	0.0	45035	928
1	0.0	45036	930
18	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
0	0.0	45398	Oth auto
23	0.0	45399	Unk auto
0	0.0	45999	Unk Porsche
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
2	0.0	46037	R18i
4	0.0	46038	Fuego
48	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
2	0.0	46044	Medallion
0	0.0	46045	Premier
0	0.0	46398	Other auto

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
73	0.1	46399	Unk auto
0	0.0	46999	Unk Renault
			Saab
64	0.1	47031	99/99E/900
0	0.0	47032	Sonnett
1	0.0	47033	95/96/97
10	0.0	47034	9000
0	0.0	47398	Other auto
82	0.1	47399	Unk auto
0	0.0	47999	Unk Saab
			Subaru
173	0.2	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
0	0.0	48032	Star
0	0.0	48033	360
61	0.1	48034	Legacy
18	0.0	48035	XT/XT6
21	0.0	48036	Justy
1	0.0	48037	SVX
3	0.0	48038	Impreza
8	0.0	48043	Brat
2	0.0	48398	Other auto
383	0.4	48399	Unk auto
0	0.0	48998	Other (vehicle)
0	0.0	48999	Unk Subaru
			Toyota
26	0.0	49031	Corona
798	0.8	49032	Corolla
498	0.5	49033	Celica
76	0.1	49034	Supra
83	0.1	49035	Cressida
1	0.0	49036	Crown
1	0.0	49037	Carina
417	0.4	49038	Tercel
10	0.0	49039	Starlet
611	0.6	49040	Camry
38	0.0	49041	MR-2
21	0.0	49042	Paseo
0	0.0	49398	Other auto
1609	1.7	49399	Unk auto
104	0.1	49401	4-Runner
24	0.0	49421	Landcruiser
72	0.1	49441	Minivan (84-90)/Previa (91 on)
899	0.9	49471	Pickup
3	0.0	49481	T-100
7	0.0	49498	Other lt truck
336	0.3	49499	Unk lt truck
0	0.0	49998	Other (vehicle)
31	0.0	49999	Unknown Toyota

Variable 110:MAKE/MODEL (Continued)

1993 Prcnt Code Value and Description

			Triumph
0	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
2	0.0	50034	TR6
2	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
1	0.0	50705	450-749 cc
1	0.0	50706	750cc & over
3	0.0	50709	Unknown cc
0	0.0	50799	Unk motored cycle
0	0.0	50998	Other (vehicle)
0	0.0	50999	Unknown Triumph
			Volvo
1	0.0	51031	122
4	0.0	51032	142/144/145
0	0.0	51033	164
145	0.2	51034	240/242/244/245
5	0.0	51035	262/264/265
1	0.0	51036	1800
0	0.0	51037	P-544
27	0.0	51038	760/780
82	0.1	51039	740
7	0.0	51040	940
0	0.0	51041	960
3	0.0	51042	850
4	0.0	51398	Other auto
298	0.3	51399	Unk auto
0	0.0	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
0	0.0	51883	Med/Hvy COE high entry
60	0.1	51884	Med/Hvy Unk engine location
2	0.0	51890	Med/Hvy Unk entry position
1	0.0	51898	Other med/hvy trk
30	0.0	51899	Unk med/hvy trk
0	0.0	51950	Bus based motorhome
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
0	0.0	51989	Unknown bus
1	0.0	51998	Other (veh)
5	0.0	51999	Unknown Volvo
			Mitsubishi
9	0.0	52031	Starion

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
11	0.0	52032	Tredia
9	0.0	52033	Cordia
54	0.1	52034	Galant
70	0.1	52035	Mirage
13	0.0	52036	Precis
79	0.1	52037	Eclipse
0	0.0	52038	Sigma
11	0.0	52039	3000 GT
22	0.0	52040	Diamonte
2	0.0	52398	Other auto
203	0.2	52399	Unk auto
20	0.0	52401	Montero
1	0.0	52441	Minivan
5	0.0	52442	Expo Wagon
64	0.1	52471	Pickup
0	0.0	52498	Other lt truck
26	0.0	52499	Unk lt truck
1	0.0	52882	Med/Hvy COE low entry
1	0.0	52898	Other med/hvy truck
12	0.0	52899	Unk med/hvy truck
0	0.0	52950	Bus based motorhome
0	0.0	52981	Bus Conventional front engine
0	0.0	52982	Bus front engine/flat front
0	0.0	52983	Bus rear engine/flat front
0	0.0	52988	Other bus
0	0.0	52989	Unknown bus
1	0.0	52998	Other (vehicle)
13	0.0	52999	Unknown Mitsubishi
Suzuki			
1	0.0	53031	SA310
7	0.0	53034	Swift
1	0.0	53398	Other auto
44	0.0	53399	Unk auto
43	0.0	53401	Samurai
18	0.0	53402	Sidekick
2	0.0	53498	Other lt truck
13	0.0	53499	Unk lt truck
2	0.0	53701	0-50cc
0	0.0	53702	51-124cc
4	0.0	53703	125-349cc
2	0.0	53704	350-449cc
35	0.0	53705	450-749cc
32	0.0	53706	750cc & over
119	0.1	53709	Unknown cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
0	0.0	53733	ATC/ATV 125-349cc
0	0.0	53734	ATC/ATV 350cc & over
3	0.0	53739	Unknown ATC/ATV cc
0	0.0	53799	Unk motored cycle
2	0.0	53999	Unknown Suzuki

Variable 110:MAKE/MODEL (Continued)

1993 Prcnt Code Value and Description

			Acura
147	0.2	54031	Integra
94	0.1	54032	Legend
0	0.0	54033	NSX
8	0.0	54034	Vigor
0	0.0	54398	Other auto
134	0.1	54399	Unk auto
0	0.0	54999	Unk Acura
			Hyundai
1	0.0	55031	Pony
339	0.4	55032	Excel
37	0.0	55033	Sonata
18	0.0	55034	Scoupe
30	0.0	55035	Elantra
2	0.0	55398	Other auto
293	0.3	55399	Unk auto
0	0.0	55999	Unk Hyundai
			Merkur
5	0.0	56031	XR4Ti
2	0.0	56032	Scorpio
0	0.0	56398	Other auto
14	0.0	56399	Unk auto
0	0.0	56999	Unk Merkur
			Yugo
17	0.0	57031	GV
0	0.0	57398	Other auto
15	0.0	57399	Unk auto
0	0.0	57999	Unk Yugo
			Infiniti
4	0.0	58031	M30
4	0.0	58032	Q45
10	0.0	58033	G20
5	0.0	58034	J30
0	0.0	58398	Other auto
25	0.0	58399	Unk auto
0	0.0	58999	Unk Infiniti
			Lexus
18	0.0	59031	ES-250/ES-300
16	0.0	59032	LS-400
4	0.0	59033	SC-300/SC-400
0	0.0	59034	GS-300
2	0.0	59398	Other auto
62	0.1	59399	Unk auto
0	0.0	59999	Unk Lexus
			Daihatsu
9	0.0	60031	Charade

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	60398	Other auto
18	0.0	60399	Unk auto
1	0.0	60401	Rocky
0	0.0	60498	Other lt trk
0	0.0	60499	Unk lt trk
0	0.0	60998	Other (vehicle)
0	0.0	60999	Unknown Daihatsu
			Sterling
5	0.0	61031	827S
3	0.0	61398	Other auto
8	0.0	61399	Unk auto
0	0.0	61998	Other (vehicle)
0	0.0	61999	Unk Sterling
			Other Imports
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
1	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
2	0.0	69040	Maserati
0	0.0	69041	Morris
4	0.0	69042	Rolls Royce/Bentley
10	0.0	69043	Rover
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Destia
0	0.0	69049	Reliant
1	0.0	69052	Bertone
0	0.0	69053	Lada
0	0.0	69054	Kia
0	0.0	69398	Other imported auto
1	0.0	69399	Unk make
			BSA
0	0.0	70701	0-50cc
0	0.0	70702	51-124cc
0	0.0	70703	125-349cc
0	0.0	70704	350-449cc
0	0.0	70705	450-749cc
0	0.0	70706	750cc & over
2	0.0	70709	Unknown cc
0	0.0	70798	Oth motored cycle
0	0.0	70799	Unk motorcycle

Variable 110:MAKE/MODEL (Continued)

1993 Prcnt Code Value and Description

			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
0	0.0	71705	450-749cc
0	0.0	71706	750cc & over
1	0.0	71709	Unknown cc
0	0.0	71798	Oth motored cycle
0	0.0	71799	Unk motorcycle
			Harley-Davidson
1	0.0	72701	0-50cc
2	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
1	0.0	72705	450-749cc
29	0.0	72706	750cc & over
242	0.3	72709	Unknown cc
0	0.0	72798	Oth motored cycle
0	0.0	72799	Unk motorcycle
			Kawasaki
2	0.0	73701	0-50cc
5	0.0	73702	51-124cc
6	0.0	73703	125-349cc
7	0.0	73704	350-449cc
47	0.0	73705	450-749cc
26	0.0	73706	750cc & over
160	0.2	73709	Unknown cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
0	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
1	0.0	73739	Unknown ATC/ATV cc
0	0.0	73798	Oth motored cycle
0	0.0	73799	Unk Kawasaki
			Moto-Guzzi
0	0.0	74701	0-50cc
0	0.0	74702	51-124cc
0	0.0	74703	125-349cc
0	0.0	74704	350-449cc
0	0.0	74705	450-749cc
0	0.0	74706	750cc & over
0	0.0	74798	Oth motored cycle
0	0.0	74799	Unk Moto-Guzzi
			Norton
0	0.0	75701	0-50cc
0	0.0	75702	51-124cc
0	0.0	75703	125-349cc

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	75704	350-449cc
1	0.0	75705	450-749cc
0	0.0	75706	750cc & over
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk Norton
Yamaha			
2	0.0	76701	0-50cc
1	0.0	76702	51-124cc
9	0.0	76703	125-349cc
10	0.0	76704	350-449cc
39	0.0	76705	450-749cc
30	0.0	76706	750cc & over
182	0.2	76709	Unknown cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
1	0.0	76733	ATC/ATV 125-349cc
1	0.0	76734	ATC/ATV 350cc & over
1	0.0	76739	Unknown ATC/ATV cc
0	0.0	76798	Oth motored cycle
0	0.0	76799	Unk motorcycle
All Other Make Moped			
0	0.0	78701	0-50cc
0	0.0	78702	51-124cc
0	0.0	78703	125-349cc
0	0.0	78704	350-449cc
0	0.0	78705	450-749cc
0	0.0	78706	750cc & over
12	0.0	78709	Unknown cc
9	0.0	78798	Oth motored cycle
0	0.0	78799	Unk motorcycle
Other Motored Cycle			
0	0.0	79701	0-50cc
0	0.0	79702	51-124cc
4	0.0	79703	125-349cc
0	0.0	79704	350-449cc
0	0.0	79705	450-749cc
1	0.0	79706	750cc & over
15	0.0	79709	Unknown 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
2	0.0	79739	Unknown ATC/ATV cc
3	0.0	79798	Oth motored cycle
2	0.0	79799	Unk motorcycle
Brockway			
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry

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Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	80883	Med/Hvy COE high entry
0	0.0	80884	Med/Hvy Unk engine location
0	0.0	80890	Med/Hvy COE Unk entry position
1	0.0	80898	Other med/hvy trk
1	0.0	80899	Unk med/hvy trk
0	0.0	80950	Bus based motorhome
0	0.0	80981	Conventional bus
0	0.0	80982	Bus-flat front, front engine
0	0.0	80983	Bus-flat front, rear engine
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus
0	0.0	80998	Other (vehicle)
0	0.0	80999	Unknown Brockway
Diamond Reo/Reo			
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
3	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
3	0.0	81899	Unk med/hvy trk
0	0.0	81950	Bus based motorhome
0	0.0	81981	Conventional bus
0	0.0	81982	Bus-flat front, front engine
0	0.0	81983	Bus-flat front, rear engine
0	0.0	81988	Other bus
0	0.0	81989	Unknown bus
0	0.0	81998	Other (vehicle)
0	0.0	81999	Unknown Diamond Reo/Reo
Freightliner/White			
0	0.0	82850	Truck based motorhome
2	0.0	82881	Med/Hvy CBE
0	0.0	82882	Med/Hvy COE low entry
1	0.0	82883	Med/Hvy COE high entry
1081	1.1	82884	Med/Hvy Unk engine location
79	0.1	82890	Med/Hvy COE Unk entry position
2	0.0	82898	Other med/hvy trk
144	0.1	82899	Unk med/hvy trk
0	0.0	82950	Bus based motorhome
0	0.0	82981	Conventional bus
0	0.0	82982	Bus-flat front, front engine
0	0.0	82983	Bus-flat front, rear engine
0	0.0	82988	Other bus
0	0.0	82989	Unknown bus
1	0.0	82998	Other (vehicle)
0	0.0	82999	Unknown Freightliner
FWD			
0	0.0	83850	Truck based motorhome
0	0.0	83881	Med/Hvy CBE

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
0	0.0	83884	Med/Hvy Unk engine location
0	0.0	83890	Med/Hvy COE Unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus based motorhome
0	0.0	83981	Conventional bus
0	0.0	83982	Bus-flat front, front engine
0	0.0	83983	Bus-flat front, rear engine
0	0.0	83988	Other bus
0	0.0	83989	Unknown bus
0	0.0	83998	Other (vehicle)
0	0.0	83999	Unknown FWD
International Harvester/Navistar			
16	0.0	84421	Scout
0	0.0	84431	Travelall
4	0.0	84466	Multistop Van
4	0.0	84481	Pickup
0	0.0	84498	Other lt trk
13	0.0	84499	Unk lt trk
0	0.0	84850	Truck based motorhome
10	0.0	84881	Med/Hvy CBE
2	0.0	84882	Med/Hvy COE low entry
2	0.0	84883	Med/Hvy COE high entry
1044	1.1	84884	Med/Hvy Unk engine location
74	0.1	84890	Med/Hvy COE Unk entry position
4	0.0	84898	Other med/hvy trk
481	0.5	84899	Unk med/hvy trk
0	0.0	84950	Bus based motorhome
3	0.0	84981	Conventional Bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
118	0.1	84988	Other Bus
36	0.0	84989	Unknown Bus
0	0.0	84997	Other (bus)
11	0.0	84998	Other (vehicle)
69	0.1	84999	Unknown International Harvester/Navistar
Kenworth			
0	0.0	85850	Truck based motorhome
2	0.0	85881	Med/Hvy CBE
0	0.0	85882	Med/Hvy COE low entry
0	0.0	85883	Med/Hvy COE high entry
544	0.6	85884	Med/Hvy Unk engine location
33	0.0	85890	Med/Hvy COE Unk entry position
0	0.0	85898	Other med/hvy trk
74	0.1	85899	Unk med/hvy trk
0	0.0	85950	Bus based motorhome
0	0.0	85981	Conventional bus
0	0.0	85982	Bus-flat front, front engine

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Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	85983	Bus-flat front, rear engine
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus
0	0.0	85998	Other (vehicle)
0	0.0	85999	Unknown Kenworth
Mack			
0	0.0	86850	Truck based motorhome
3	0.0	86881	Med/Hvy CBE
0	0.0	86882	Med/Hvy COE low entry
5	0.0	86883	Med/Hvy COE high entry
375	0.4	86884	Med/Hvy Unk engine location
12	0.0	86890	Med/Hvy COE Unk entry position
3	0.0	86898	Other med/hvy trk
342	0.4	86899	Unk med/hvy trk
0	0.0	86950	Bus based motorhome
0	0.0	86981	Conventional bus
0	0.0	86982	Bus-flat front, front engine
0	0.0	86983	Bus-flat front, rear engine
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus
1	0.0	86998	Other (vehicle)
2	0.0	86999	Unknown Mack
Peterbilt			
0	0.0	87850	Truck based motorhome
0	0.0	87881	Med/Hvy CBE
0	0.0	87882	Med/Hvy COE low entry
4	0.0	87883	Med/Hvy COE high entry
494	0.5	87884	Med/Hvy Unk engine location
32	0.0	87890	Med/Hvy COE Unk entry position
1	0.0	87898	Other med/hvy trk
86	0.1	87899	Unk med/hvy trk
0	0.0	87950	Bus based motorhome
0	0.0	87981	Conventional bus
0	0.0	87982	Bus-flat front, front engine
0	0.0	87983	Bus-flat front, rear engine
0	0.0	87988	Other bus
0	0.0	87989	Unknown bus
0	0.0	87998	Other (vehicle)
0	0.0	87999	Unknown Peterbilt
Iveco/Magirus			
0	0.0	88850	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
3	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
12	0.0	88899	Unk med/hvy trk
0	0.0	88950	Bus based motorhome

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
0	0.0	88981	Conventional bus
0	0.0	88982	Bus-flat front, front engine
0	0.0	88983	Bus-flat front, rear engine
0	0.0	88988	Other bus
0	0.0	88989	Unknown bus
0	0.0	88998	Other (vehicle)
0	0.0	88999	Unknown Iveco/Magirus
Other Make			
20	0.0	98801	AUTOCAR
4	0.0	98802	AUTO-UNION-DKW
1	0.0	98803	DIVCO
33	0.0	98804	WESTERN STAR
6	0.0	98805	OSHKOSH
35	0.0	98806	HINO
0	0.0	98807	SCANIA
18	0.0	98850	Truck based motorhome
84	0.1	98898	Other med/hvy trk
1	0.0	98899	Unk med/hvy trk
18	0.0	98902	NeoPlan bus
4	0.0	98950	Bus based motorhome
5	0.0	98983	Bus rear engine
266	0.3	98988	Other bus
29	0.0	98989	Unknown bus
44	0.0	98998	Other (vehicle)
2	0.0	98999	Unknown other make
Unknown Make			
643	0.7	99399	Unknown automobile
297	0.3	99499	Unknown light truck
0	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
0	0.0	99706	Motorcycle 750cc & over
40	0.0	99709	Unknown cc
0	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc
0	0.0	99733	ATC/ATV 125-349cc
0	0.0	99734	ATC/ATV 350-449cc
0	0.0	99739	Unknown ATC/ATV cc
2	0.0	99798	Other Motored Cycle
1	0.0	99799	Unknown motored cycle
0	0.0	99850	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
286	0.3	99899	Unk med/hvy trk

Variable 110:MAKE/MODEL (Continued)

1993	Prcnt	Code	Value and Description
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
0	0.0	99997	Other (bus)
12	0.0	99998	Other (vehicle)
1443	1.5	99999	Unknown unknown make

Variable 111	MODEL YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993	Prcnt	Code	Value and Description
3	0.0	40	1940 and earlier
		-	
2435	2.5	80	1980
2804	2.9	81	1981
3048	3.2	82	1982
3687	3.8	83	1983
5744	5.9	84	1984
6575	6.8	85	1985
7412	7.7	86	1986
7529	7.8	87	1987
7790	8.1	88	1988
7814	8.1	89	1989
6826	7.1	90	1990
6785	7.0	91	1991
6709	6.9	92	1992
5729	5.9	93	1993
363	0.4	94	1994
4202	4.4	99	Unknown

Variable 112	BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993	Prcnt	Code	Value and Description
Automobiles			
160	0.2	1	Convertible (excludes sun roof, t-bar)
16759	17.4	2	2-door sedan, hardtop, coupe
2240	2.3	3	3-door/2-door hatchback
21433	22.2	4	4-door sedan, hardtop
809	0.8	5	5-door/4-door hatchback
2717	2.8	6	Station Wagon (excluding van and truck based)
61	0.1	7	Hatchback, number of doors unknown
17	0.0	8	Other automobile type
19022	19.7	9	Unknown automobile type

Variable 112:BODY TYPE (Continued)

1993 Prcnt	Code	Value and Description
		Automobile Derivatives
125	0.1	10 Auto based pickup (includes El Camino, Caballero, Ranchero, Brat)
6	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)
0	0.0	13 Three wheeled automobile or automobile derivative
		Utility Vehicles
1696	1.8	14 Compact Utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, ect.)
496	0.5	15 Large Utility (Jeep Cherokee, Ramcharger, Trailduster, ect.)
431	0.4	16 Utility Station Wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
825	0.9	19 Utility Vehicle, Unknown Body Type
		Van Based Light Trucks (<4,501 kg GVWR)
1521	1.6	20 Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
686	0.7	21 Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
24	0.0	22 Step van or walk-in van
9	0.0	23 Van based motorhome
5	0.0	24 Van Based School Bus
3	0.0	25 Van Based Other Bus
23	0.0	28 Other van type (Hi-Cube, Kary)
2567	2.7	29 Unknown van type
		Lt Conventional Truck (P.U. style cab, <4,501 kg GVWR)
3960	4.1	30 Compact pickup
3013	3.1	31 Large pickup
18	0.0	32 Pickup with slide-in camper
0	0.0	33 Convertible pickup
4888	5.1	39 Unknown (pickup style) light conventional truck
		Other Light Trucks (<4,500 kg GVWR)
38	0.0	40 Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
12	0.0	41 Truck based panel
1	0.0	42 Light truck based motorhome (chassis mounted)
4	0.0	45 Other light truck type
706	0.7	48 Unknown light truck type (utility, van, pickup, or other light truck)
318	0.3	49 Unknown light vehicle type (automobile, utility, van, or light truck)
		Buses (excludes van based)
281	0.3	50 School bus (designed to carry students, not cross country or transit)
394	0.4	58 Other bus (e.g., transit intercity bus based motorhome)

Variable 112:BODY TYPE (Continued)

1993 Prcnt	Code	Value and Description
40	0.0	59 Unknown bus type
		Medium/Heavy Trucks (>4,500 kg GVWR)
34	0.0	60 Step Van
882	0.9	64 Single unit straight truck
29	0.0	65 Medium/heavy truck based motorhome
4686	4.9	66 Truck-tractor (cab only, or with any number of trailing units)
1911	2.0	78 Unknown medium/heavy truck type
452	0.5	79 Unknown truck type (light/medium/heavy)
		Motored Cycles (Does not include ATVs/cycles)
1533	1.6	80 Motorcycle
65	0.1	81 Moped (motorized bicycle)
4	0.0	82 Three wheeled motorcycle or moped
18	0.0	88 Other motored cycle type (minibike, motorscooter)
8	0.0	89 Unknown motored cycle type
		Other Vehicles
27	0.0	90 ATV (all terrain vehicle) and ATC (all terrain cycle)
4	0.0	91 Snowmobile
38	0.0	92 Farm equipment other than trucks
18	0.0	93 Construction equipment other than trucks (includes graders)
30	0.0	97 Other type vehicle (e.g., go-cart, fork lift, city street sweeper)
1490	1.5	99 Unknown body type

Variable 113	CARGO BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt	Code	Value and Description
86345	89.4	0 Not applicable
701	0.7	1 Bus
1827	1.9	2 Van/Enclosed Box
186	0.2	3 Cargo Tank
377	0.4	4 Flatbed
436	0.5	5 Dump
42	0.0	6 Concrete Mixer
22	0.0	7 Auto Transporter
195	0.2	8 Garbage/Refuse
341	0.4	98 Other
6072	6.3	99 Unknown

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Variable 114	NO OF AXLES ON VEH/TRAIL	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number of axles on vehicle, including trailers

1993 Prcnt		Code Value and Description	
86345	89.4	0	Not applicable
0	0.0	1	1 axle
710	0.7	2	2 axles
683	0.7	3	3 axles
214	0.2	4	4 axles
1551	1.6	5	5 axles
75	0.1	6	6 axles
31	0.0	7	7 axles
17	0.0	8	8 axles
		-	
1	0.0	17	17 axles
0	0.0	98	Other
6865	7.1	99	Unknown

Variable 115	VIN	Width: 11	Type: Alphabetic
		Dec: None	Miss: None

Variable 116	SPECIAL USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vehicle special use (this trip)

1993 Prcnt		Code Value and Description	
95399	98.8	0	No special use
57	0.1	1	Taxi
284	0.3	2	Vehicle used as school bus
395	0.4	3	Vehicle used as other bus
1	0.0	4	Military
158	0.2	5	Police
40	0.0	6	Ambulance
66	0.1	7	Fire truck and car
1	0.0	10	Hearse
38	0.0	11	Farm equipment
18	0.0	12	Construction equipment
87	0.1	99	Unknown

Variable 117 HAZ MATERIAL PLACARD NO Width: 5 Type: Numeric
Dec: None Miss: 99999

Hazardous materials placard number

1993 Prcnt	Code	Value and Description
	0	Not applicable
	1	
	-	Actual number
	99998	
	99999	Unknown

Variable 118 HAZ MATERIALS PLACARDED Width: 1 Type: Numeric
Dec: None Miss: 9

Hazardous materials placarded

1993 Prcnt	Code	Value and Description
93212	96.5	0 Not Applicable
76	0.1	1 Yes
0	0.0	2 No
3256	3.4	9 Unknown

Variable 119 HAZ MATERIALS RELEASE Width: 1 Type: Numeric
Dec: None Miss: 9

Hazardous materials release

1993 Prcnt	Code	Value and Description
93212	96.5	0 Not Applicable
21	0.0	1 Yes
55	0.1	2 No
3256	3.4	9 Unknown

Variable 120 EMERGENCY USE Width: 1 Type: Numeric
Dec: None Miss: 9

1993 Prcnt	Code	Value and Description
96365	99.8	0 No
147	0.2	1 Yes
32	0.0	9 Unknown

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Variable 121	NUM OCC INVOLVED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number of occupants involved

1993	Prct	Code	Value and Description
297	0.3	0	0 occupants involved
68781	71.2	1	1 occupant involved
18230	18.9	2	2 occupants involved
5535	5.7	3	3 occupants involved
2463	2.6	4	4 occupants involved
825	0.9	5	5 occupants involved
		-	
2	0.0	25	25 occupants involved
0	0.0	99	Unknown

Variable 122	TRAVEL SPEED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993	Prct	Code	Value and Description
11189	11.6	0	Stopped vehicle
121	0.1	1	
		-	Actual travel speed (MPH)
6	0.0	95	
12	0.0	97	97 MPH or greater
58392	60.5	99	Unknown

Variable 123	VEHICLE DEFECTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993	Prct	Code	Value and Description
89323	92.5	0	No vehicle defects
419	0.4	1	Tires
424	0.4	2	Brake system
111	0.1	3	Steering system - tie rod, kingpin, ball joint, etc.
11	0.0	4	Suspension - springs, shock absorbers, macpherson struts
31	0.0	5	Power train - universal joint, drive shaft, transmission
2	0.0	6	Exhaust system
11	0.0	7	Headlights
13	0.0	8	Signal lights
26	0.0	9	Other lights
9	0.0	10	Wipers
40	0.0	11	Wheels
0	0.0	12	Mirrors
3	0.0	13	Driver seating and control
2	0.0	14	Body, doors
22	0.0	15	Trailer hitch
3995	4.1	50	Hit-and-run vehicle
187	0.2	97	Vehicle defects - no details

Variable 123:VEHICLE DEFECTS (Continued)

1993 Prcnt	Code	Value and Description
192	0.2	98 Other vehicle defects
1723	1.8	99 Unknown if vehicle has defects

Variable 124	VEHICLE TRAILERING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code	Value and Description
90905	94.2	0 No
5014	5.2	1 Yes, one trailing unit
138	0.1	2 Yes, two trailing units
3	0.0	3 Yes, three or more trailing units
31	0.0	4 Yes, number of trailing units unknown
453	0.5	9 Unknown

Variable 125	JACKKNIFE	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
96320	99.8	0 No jackknife noted on PAR
224	0.2	1 Jackknife occurred

Variable 126	ROLLOVER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt	Code	Value and Description
93645	97.0	0 No rollover
998	1.0	10 Untripped Rollover
166	0.2	20 Tripped Rollover - By Curb
92	0.1	21 Tripped Rollover - By Guardrail
455	0.5	22 Tripped Rollover - By Ditch
21	0.0	23 Tripped Rollover - By Soft Soil
1035	1.1	28 Tripped Rollover - Other
28	0.0	29 Tripped Rollover - Unknown Mechanism
104	0.1	99 Rollover, unknown whether untripped or tripped

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Variable 127	FIRE OCCURRENCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
96328 99.8	0	No fire noted on PAR
216 0.2	1	Fire occurred in vehicle

Variable 128	INITIAL POINT OF IMPACT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt	Code	Value and Description
2738 2.8	0	No damage/non-collision
41707 43.2	1	Front
14903 15.4	2	Rightside
15096 15.6	3	Leftside
16385 17.0	4	Back
111 0.1	5	Top
327 0.3	6	Undercarriage
881 0.9	11	Front right corner
986 1.0	12	Front left corner
122 0.1	13	Back right corner
135 0.1	14	Back left corner
3153 3.3	99	Initial point of impact unknown

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

Damage for areas 1-5 listed in ascending numerical order

1993 Prcnt	Code	Value and Description
4058 4.2	0	No damage
51576 53.4	1	Front
14309 14.8	2	Rightside
12352 12.8	3	Leftside
10485 10.9	4	Back
182 0.2	5	Top
305 0.3	6	Undercarriage
70 0.1	7	All areas damaged
3207 3.3	9	Damaged areas unknown

Variable 133	DAMAGE AREA #5	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

1993	Prcnt	Code	Value and Description
66151	68.5	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
0	0.0	4	Back
420	0.4	5	Top
184	0.2	6	Undercarriage
0	0.0	7	All areas damaged
29789	30.9	9	Damaged areas unknown

Variable 134	DAMAGE SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993	Prcnt	Code	Value and Description
4019	4.2	0	None
24120	25.0	1	Minor
23213	24.0	2	Functional (moderate)
22772	23.6	3	Disabling (severe)
22420	23.2	9	Unknown

Variable 135	MANNER OF LEAVING SCENE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993	Prcnt	Code	Value and Description
49988	51.8	1	Driven away
37456	38.8	2	Towed due to damage
3247	3.4	3	Towed not due to damage
1321	1.4	4	Abandoned
4532	4.7	9	Unknown if towed

Variable 136	MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993	Prcnt	Code	Value and Description
NonCollision			
1937	2.0	1	Rollover/Overturn
108	0.1	2	Fire/Explosion
37	0.0	3	Immersion
71	0.1	5	Jackknife
113	0.1	6	Noncollision injury

Variable 136: MOST HARMFUL EVENT (Continued)

1993 Prcnt	Code	Value and Description
440	0.5	8 Other noncollision
36	0.0	9 Noncollision - No details
31	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
2331	2.4	21 Pedestrian
1783	1.8	22 Cycle or cyclist (pedalcycle or pedalcyclist)
35	0.0	23 Railway train
1203	1.2	24 Animal
74254	76.9	25 Motor vehicle in transport
2351	2.4	26 Parked motor vehicle (or motor vehicle not in transport)
10	0.0	27 Other type nonmotorist
429	0.4	28 Other object not fixed
26	0.0	29 Object not fixed - No details
Collision with Fixed Object		
18	0.0	31 Ground
110	0.1	32 Building
11	0.0	33 Impact attenuator or crash cushion
163	0.2	34 Bridge Structure (pier/abutment/parapet end)
842	0.9	35 Guardrail
397	0.4	36 Concrete traffic barrier or other longitudinal barrier type
1661	1.7	37 Post, Pole or Support (sign post, utility post)
810	0.8	38 Culvert or Ditch
330	0.3	39 Curb
305	0.3	40 Embankment
295	0.3	41 Fence
147	0.2	42 Wall
77	0.1	43 Fire hydrant
36	0.0	44 Shrubbery or bush
1179	1.2	45 Tree
55	0.1	46 Boulder
40	0.0	50 Pavement surface irregularity (ruts, potholes, grates, plates, ect.)
362	0.4	58 Other fixed object
33	0.0	59 Fixed object - No details
4478	4.6	99 Unknown most harmful event

Variable 137 PRIOR TO CRITICAL EVENT Width: 2 Type: Numeric
Dec: None Miss: 99

Movement prior to critical event (Precrash 1)

1993 Prcnt	Code	Value and Description
49528	51.3	1 Going straight
2790	2.9	2 Slowing or stopping in traffic lane
823	0.9	3 Starting in traffic lane
6689	6.9	4 Stopped in traffic lane

Variable 137:PRIOR TO CRITICAL EVENT (Continued)

1993 Prcnt	Code	Value and Description
872	0.9	5 Passing or overtaking another vehicle
164	0.2	6 Disabled or parked in travel lane
278	0.3	7 Leaving a parked position
111	0.1	8 Entering a parked position
2881	3.0	10 Turning right
8705	9.0	11 Turning left
384	0.4	12 Making U-turn
822	0.9	13 Backing up (other than parking)
1986	2.1	15 Negotiating a curve
2254	2.3	16 Changing lanes
238	0.2	17 Merging
283	0.3	18 Successful corrective action to a previous critical event
13150	13.6	94 More than two vehicles involved
3779	3.9	98 Other
807	0.8	99 Unknown

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

Critical event (Precrash 2)

1993 Prcnt	Code	Value and Description
648	0.7	0 Not applicable/no collision
		I. CRITICAL EVENT INITIATED BY THIS VEHICLE
		Loss of Control Due To:
189	0.2	1 Blow Out or Flat Tire
19	0.0	2 Stalled Engine
410	0.4	3 Disabling Vehicle Failure (e.g. wheel fell off)
74	0.1	4 Minor Vehicle Failure
1701	1.8	5 Poor Road Conditions (puddle, pot hole, ice, ect.)
2040	2.1	6 Excessive Speed
1163	1.2	9 Other or Unknown Reason
		Traveling Over Edge of Roadway:
2432	2.5	10 Over Left Edge of Roadway
4327	4.5	11 Over Right Edge of Roadway
230	0.2	14 End Departure
374	0.4	19 Unknown Which Edge
		In Another Vehicle's Lane:
540	0.6	20 Stopped
222	0.2	21 Traveling in Same Direction With Lower Speed (i.e., lower steady speed or decelerating)
9202	9.5	22 Traveling in Same Direction With Higher Speed
759	0.8	23 Traveling in Opposite Direction
		Encroaching Into Another Vehicle's Lane: At Non-Junction
872	0.9	26 From Adjacent Lane (Opposite Direction)

Variable 138:CRITICAL EVENT (Continued)

1993 Prcnt Code Value and Description

1389 1.4 30 From Adjacent Lane (Same Direction) - Over Left Lane Line
1350 1.4 31 From Adjacent Lane (Same Direction) - Over Right Lane Line
267 0.3 32 From Parallel/Diagonal Parking Lane

Encroaching Into Another Vehicle's Lane: At Junction

1123 1.2 33 Entering Intersection - Turning Into Same Direction
8091 8.4 34 Entering Intersection - Straight Across Path
2653 2.7 35 Entering Intersection - Turning Into Opposite Direction
109 0.1 36 Entering Intersection - Intended Path Unknown
1085 1.1 37 Entering Driveway, Alley Access, Etc.
377 0.4 38 From Driveway, Alley Access, Etc. - Turning Into Same
Direction
286 0.3 39 From Driveway, Alley Access, Etc. - Straight Across Path
807 0.8 40 From Driveway, Alley Access, Etc. - Turning Into Opposite
Direction
527 0.5 41 From Driveway, Alley Access, Etc. - Intended Path Unknown
63 0.1 42 Entering From "Yield" Entrance (Ramp/Channel)
107 0.1 48 Encroaching - Details Unknown
295 0.3 49 This Vehicle Initiated Critical Event - Details Unknown

II. CRITICAL EVENT INITIATED BY THE OTHER VEHICLE

Motor Vehicle Already In This Vehicle's Lane:

365 0.4 50 Stopped
167 0.2 51 Traveling in Same Direction With Lower Speed
8890 9.2 52 Traveling in Same Direction With Higher Speed
956 1.0 53 Traveling in Opposite Direction

Another Vehicle Encroaching Into This Vehicle's Lane:
Not At Junction

1164 1.2 56 From Adjacent Lane (Opposite Direction)
1787 1.9 60 From Adjacent Lane (Same Direction) - Over Left Lane Line
1673 1.7 61 From Adjacent Lane (Same Direction) - Over Right Lane Line
230 0.2 64 From Parallel/Diagonal Parking Lane

Another Vehicle Encroaching Into This Vehicle's Lane:
At Junction

1131 1.2 65 Entering Intersection - Turning Into Same Direction
8379 8.7 66 Entering Intersection - Straight Across Path
2542 2.6 67 Entering Intersection - Turning Into Opposite Direction
134 0.1 68 Entering Intersection - Intended Path Unknown
1053 1.1 69 Entering Driveway, Alley Access, Etc.
405 0.4 70 From Driveway, Alley Access, Etc. - Turning Into Same
Direction
283 0.3 71 From Driveway, Alley Access, Etc. - Straight Across Path
821 0.9 72 From Driveway, Alley Access, Etc. - Turning Into Opposite
Direction
446 0.5 73 From Driveway, Alley Access, Etc. - Intended Path Unknown
68 0.1 74 Entering From "Yield" Entrance (Ramp/Channel)
126 0.1 78 Encroaching - Details Unknown
829 0.9 79 Other Vehicle Initiated Critical Event - Details Unknown

Variable 138:CRITICAL EVENT (Continued)

1993 Prcnt	Code	Value and Description
III. CRITICAL EVENT INITIATED BY PEDESTRIAN, PEDALCYCLIST, OTHER NON-MOTORIST, ANIMAL OR OBJECT		
1873	1.9	80 Pedestrian in Roadway
471	0.5	81 Pedestrian Approaching Roadway
1443	1.5	83 Pedalcyclist/Other Non-Motorist in Roadway
275	0.3	84 Pedalcyclist/Other Non-Motorist Approaching Roadway
17	0.0	86 Pedestrian/Pedalcyclist/Other Non-Motorist - Unknown Location
1229	1.3	87 Animal in Roadway
303	0.3	88 Animal Approaching Roadway
461	0.5	90 Object in Roadway
35	0.0	91 Object Approaching Roadway
4	0.0	93 Animal or Object - Unknown Location
IV. MISCELLANEOUS		
13150	13.6	94 More than two vehicles involved
826	0.9	98 Other event
1277	1.3	99 Unknown

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

Corrective Action Attempted (Precrash 3)

1993 Prcnt	Code	Value and Description
72716	75.3	0 No corrective action attempted
Single Corrective Action		
5346	5.5	1 Braked/Slowed
1068	1.1	2 Steered to Left
1016	1.1	3 Steered to Right
65	0.1	4 Accelerated
14	0.0	5 Backed
Multiple Corrective Actions		
334	0.3	11 Braked and Steered to Left
299	0.3	12 Braked and Steered to Right
5	0.0	13 Accelerated and Steered to Left
3	0.0	14 Accelerated and Steered to Right
79	0.1	15 Steered in Both Directions
13150	13.6	94 More than two vehicles involved
294	0.3	97 Corrective action attempted - no details
174	0.2	98 Other single or multiple corrective action
1981	2.1	99 Unknown if Driver Attempted Any Corrective Action

Variable 140 VEH CONTROL AFTER ACTION Width: 2 Type: Numeric
Dec: None Miss: 99

Vehicle Control After Corrective Action (Precrash 4)

1993 Prcnt	Code	Value and Description
72716	75.3	0 No corrective action
2384	2.5	1 Vehicle Control Maintained After Corrective Action
251	0.3	2 Vehicle Rotated (Yawed) Clockwise
313	0.3	3 Vehicle Rotated (Yawed) Counter-Clockwise
3907	4.0	4 Vehicle Slid/Skid Longitudinally - No Rotation
0	0.0	5 Vehicle Slid/Skid Laterally - No Rotation
17	0.0	9 Vehicle Rotated (Yawed) Unknown Direction
1	0.0	20 Combination of 02 through 09
13150	13.6	94 More than two vehicles involved
1328	1.4	98 Other or Unknown Type of Vehicle Control Was Lost After Corrective Action
2477	2.6	99 Unknown If Vehicle Control Was Lost After Corrective Action

Variable 141 VEH PATH AFTER ACTION Width: 2 Type: Numeric
Dec: None Miss: 99

Vehicle Path After Corrective Action (Precrash 5)

1993 Prcnt	Code	Value and Description
72716	75.3	0 No corrective action
4383	4.5	1 Vehicle Stayed In Travel Lane Where Corrective Action Was Initiated
1096	1.1	2 Vehicle Stayed On Roadway But Left Travel Lane Where Corrective Action Was Initiated
204	0.2	3 Vehicle Stayed On Roadway, Not Known If Left Travel Lane Where Corrective Action Was Initiated
2894	3.0	4 Vehicle Departed Roadway
37	0.0	5 Corrective Action Initiated Off Roadway
13150	13.6	94 More than two vehicles involved
2064	2.1	99 Vehicle Path After Corrective Action Unknown

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

1993 Prcnt	Code	Value and Description
2545	2.6	0 Noncollision
54907	56.9	1 Striking
34272	35.5	2 Struck
4444	4.6	3 Both striking and struck
376	0.4	9 Unknown

General Estimates System (GES)
1993 - Vehicle

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

1993 Prcnt	Code Value and Description	
684	0.7	0 No impact
2227	2.3	1
		- Diagram number (see appendix)
888	0.9	93
264	0.3	97 Untripped rollover
7136	7.4	98 Other crash type
776	0.8	99 Unknown

Variable 144	MAX INJ SEVERITY IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Maximum injury severity in vehicle

1993 Prcnt	Code Value and Description	
61899	64.1	0 No Injury
13453	13.9	1 Possible Injury
10229	10.6	2 Nonincapacitating
5284	5.5	3 Incapacitating
339	0.4	4 Fatal
308	0.3	5 Unknown Injury Severity
2	0.0	6 Died Prior
297	0.3	8 No Person Coded in Crash
4733	4.9	9 Unknown

Variable 145	NUMBER INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number injured in vehicle

1993 Prcnt	Code Value and Description	
62401	64.6	0 None
23213	24.0	1
		- Actual number of people injured
1	0.0	25
297	0.3	98 No person coded
4233	4.4	99 Unknown

Variable 151	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
14812	15.3	1 Northeast
27714	28.7	2 Midwest
37491	38.8	3 South
16527	17.1	4 West

Variable 152	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

Variable 153	CARRIER'S ID NUMBER	Width: 6	Type: Numeric
		Dec: None	Miss: None

Carrier's Identification number

1993 Prcnt	Code	Value and Description
	0	Not applicable
	1	
	-	U.S. DOT or ICC MC number
	999998	
	999999	Unknown

Imputed VEHICLE Variables

Variables 154 through 164 are imputed versions of previous variables found in the vehicle dataset.

Variable 154	IMPUTED BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
Automobiles		
160	0.2	1 Convertible (excludes sun roof, t-bar)
16768	17.4	2 2-door sedan, hardtop, coupe
2241	2.3	3 3-door/2-door hatchback
21458	22.2	4 4-door sedan, hardtop
809	0.8	5 5-door/4-door hatchback

Variable 154:IMPUTED BODY TYPE (Continued)

1993	Prcnt	Code	Value and Description
2719	2.8	6	Station Wagon (excluding van and truck based)
61	0.1	7	Hatchback, number of doors unknown
17	0.0	8	Other automobile type
19090	19.8	9	Unknown automobile type
Automobile Derivatives			
125	0.1	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat)
6	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)
0	0.0	13	Three wheeled automobile or automobile derivative
Utility Vehicles			
1788	1.9	14	Utility (includes Jeep CJ-5, Renegade, Landrover, Bronco, ect.)
498	0.5	15	Large Utility (Jeep Cherokee, Ramcharger, Trailduster, ect.)
432	0.4	16	Utility Station Wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
950	1.0	19	Utility Vehicle, Unknown Body Type
Van Based Light Trucks (<10,001 lbs GVWR)			
1522	1.6	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
687	0.7	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
24	0.0	22	Step van or walk-in van
9	0.0	23	Van based motorhome
5	0.0	24	Van based School Bus
3	0.0	25	Van based other bus
23	0.0	28	Other van type (Hi-Cube, Kary)
3592	3.7	29	Unknown van type
Lt Conventional Truck (P.U. style cab, <10,001 lbs. GVWR)			
3962	4.1	30	Compact pickup (<4,500 lbs GVWR)
3016	3.1	31	Large pickup (4,500 to 10,000 lbs. GVWR)
18	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
5022	5.2	39	Unknown (pickup style) light conventional truck
Other Light Trucks (< 10,000 lbs. GVWR)			
48	0.0	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
13	0.0	41	Truck based panel
1	0.0	42	Light truck based motorhome (chassis mounted)
4	0.0	45	Other light truck type
717	0.7	48	Unknown light truck type (utility, van, pickup, or other light truck)
0	0.0	49	Unknown light vehicle type (automobile, utility, van, or light truck)

Variable 154: IMPUTED BODY TYPE (Continued)

1993 Prcnt Code Value and Description

Buses (excludes van based)			
282	0.3	50	School bus (designed to carry students, not cross country or transit)
394	0.4	58	Other bus (e.g., transit intercity bus based motorhome)
40	0.0	59	Unknown bus type
Medium/Heavy Trucks (>10,000 lbs GVWR)			
34	0.0	60	Step Van
977	1.0	64	Single unit straight truck
70	0.1	65	Medium/heavy truck based motorhome
5026	5.2	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
2116	2.2	78	Unknown medium/heavy truck type
0	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include ATVs/cycles)			
1533	1.6	80	Motorcycle
74	0.1	81	Moped (motorized bicycle)
4	0.0	82	Three wheeled motorcycle or moped
18	0.0	88	Other motored cycle type (minibike, motorscooter)
43	0.0	89	Unknown motored cycle type
Other Vehicles			
27	0.0	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
4	0.0	91	Snowmobile
38	0.0	92	Farm equipment other than trucks
18	0.0	93	Construction equipment other than trucks (includes graders)
51	0.1	97	Other type vehicle (e.g., go-cart, fork lift, city street sweeper)

Variable 155	IMPUTED HIT-AND-RUN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt Code Value and Description

91691	95.0	0	No, did not leave scene
4853	5.0	1	Yes, driver or car and driver left scene

Variable 156 I INITIAL POINT OF IMPAC Width: 2 Type: Numeric
Dec: None Miss: 99

This variable was imputed by NHTSA

1993 Prcnt Code Value and Description

2738	2.8	0	No damage/non-collision
43218	44.8	1	Front
15601	16.2	2	Rightside
15676	16.2	3	Leftside
16570	17.2	4	Back
122	0.1	5	Top
354	0.4	6	Undercarriage
936	1.0	11	Front right corner
1051	1.1	12	Front left corner
133	0.1	13	Back right corner
145	0.2	14	Back left corner

Variable 157 I PRIOR TO CRITICAL EVEN Width: 2 Type: Numeric
Dec: None Miss: None

This variable was imputed by NHTSA

1993 Prcnt Code Value and Description

49942	51.7	1	Going straight
2816	2.9	2	Slowing or stopping in traffic lane
831	0.9	3	Starting in traffic lane
6760	7.0	4	Stopped in traffic lane
880	0.9	5	Passing or overtaking another vehicle
165	0.2	6	Disabled or parked in travel lane
282	0.3	7	Leaving a parked position
112	0.1	8	Entering a parked position
2907	3.0	10	Turning right
8779	9.1	11	Turning left
387	0.4	12	Making U-turn
833	0.9	13	Backing up (other than parking)
2000	2.1	15	Negotiating a curve
2273	2.4	16	Changing lanes
240	0.2	17	Merging
286	0.3	18	Successful corrective action to a previous critical event
13234	13.7	94	More than two vehicles involved
3817	4.0	98	Other

General Estimates System (GES)
1993 - Vehicle

Variable 158	IMPUTED MODEL YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
3	0.0	40 1940 and earlier
		-
2542	2.6	80 1980
2924	3.0	81 1981
3184	3.3	82 1982
3854	4.0	83 1983
6006	6.2	84 1984
6876	7.1	85 1985
7755	8.0	86 1986
7874	8.2	87 1987
8153	8.4	88 1988
8180	8.5	89 1989
7136	7.4	90 1990
7098	7.4	91 1991
7024	7.3	92 1992
5985	6.2	93 1993
378	0.4	94 1994

Variable 159	IMP MAX INJ SEV. IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
65778	68.1	0 No Injury
13957	14.5	1 Possible Injury
10431	10.8	2 Nonincapacitating
5390	5.6	3 Incapacitating
343	0.4	4 Fatal
346	0.4	5 Unknown Injury Severity
2	0.0	6 Died Prior
297	0.3	8 No Person Coded in Crash

Variable 160	IMP NUM INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
66077	68.4	0 None
23983	24.8	1
		- Actual number of people injured
1	0.0	25

Variable 161 IMP VIOLATIONS CHARGED Width: 2 Type: Numeric
Dec: None Miss: 99

This variable was imputed by NHTSA

	1993 Prcnt	Code	Value and Description
68432	70.9	0	None
1890	2.0	1	Alcohol or drugs
2922	3.0	2	Speeding
230	0.2	3	Alcohol or drugs and speeding
1171	1.2	4	Reckless driving
332	0.3	5	Driving with a suspended or revoked license
3944	4.1	6	Failure to yield right-of-way
1533	1.6	7	Running a traffic signal or stop sign
4256	4.4	50	Hit & run (and no information)
4083	4.2	97	Violation charged - no details
7751	8.0	98	Other violation

Variable 162 IMPUTED VEHICLE ROLE Width: 1 Type: Numeric
Dec: None Miss: 9

This variable was imputed by NHTSA

	1993 Prcnt	Code	Value and Description
2552	2.6	0	Noncollision
55122	57.1	1	Striking
34413	35.6	2	Struck
4457	4.6	3	Both striking and struck

Variable 163 IMP ALC INVOLVED IN VEH Width: 1 Type: Numeric
Dec: None Miss: 9

This variable was imputed by NHTSA

	1993 Prcnt	Code	Value and Description
4374	4.5	1	Alcohol Involved
92170	95.5	2	No Alcohol Involved
0	0.0	8	No Person Coded

General Estimates System (GES)
1993 - Vehicle

Variable 164	IMP MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
NonCollision		
2308	2.4	1 Rollover/Overturn
127	0.1	2 Fire/Explosion
41	0.0	3 Immersion
88	0.1	5 Jackknife
130	0.1	6 Noncollision injury
453	0.5	8 Other noncollision
45	0.0	9 Noncollision - No details
33	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
2359	2.4	21 Pedestrian
1793	1.9	22 Cycle or cyclist (pedalcycle or pedalcyclist)
37	0.0	23 Railway train
1224	1.3	24 Animal
75859	78.6	25 Motor vehicle in transport
2455	2.5	26 Parked motor vehicle (or motor vehicle not in transport)
10	0.0	27 Other type nonmotorist
454	0.5	28 Other object not fixed
33	0.0	29 Object not fixed - No details
Collision with Fixed Object		
18	0.0	31 Ground
123	0.1	32 Building
15	0.0	33 Impact attenuator or crash cushion
180	0.2	34 Bridge Structure (pier/abutment/parapet end)
1066	1.1	35 Guardrail
495	0.5	36 Concrete traffic barrier or other longitudinal barrier type
2077	2.2	37 Post, Pole or Support (sign post, utility post)
1152	1.2	38 Culvert or Ditch
593	0.6	39 Curb
514	0.5	40 Embankment
413	0.4	41 Fence
185	0.2	42 Wall
85	0.1	43 Fire hydrant
65	0.1	44 Shrubbery or bush
1439	1.5	45 Tree
76	0.1	46 Boulder
42	0.0	50 Pavement Surface Irregularity (ruts, potholes, grates, plates, ect.)
517	0.5	58 Other fixed object
40	0.0	59 Fixed object - No details

The OCCUPANT Variables

Variables 201 through 230 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: 8	Type: Numeric
		Dec: None	Miss: None

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

1993 Prcnt Code Value and Description

79009	56.9	1	Vehicle #1
52603	37.9	2	Vehicle #2
5796	4.2	3	Vehicle #3
1065	0.8	4	Vehicle #4
194	0.1	5	Vehicle #5
54	0.0	6	Vehicle #6
15	0.0	7	Vehicle #7
4	0.0	8	Vehicle #8
4	0.0	9	Vehicle #9
2	0.0	10	Vehicle #10
1	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12
2	0.0	13	Vehicle #13
1	0.0	14	Vehicle #14
1	0.0	15	Vehicle #15
1	0.0	16	Vehicle #16
6	0.0	17	Vehicle #17

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

1993 Prcnt Code Value and Description

96247	69.4	1	
		-	Occupant number
2	0.0	25	

General Estimates System (GES)
1993 - Occupant

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

Indicates the role of the occupant in the vehicle

1993 Prcnt	Code Value and Description
Motorists	
96209 69.3	1 Driver of motor vehicle in transport
42527 30.6	2 Passenger of a motor vehicle in transport
23 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

1993 Prcnt	Code Value and Description
96213 69.3	11 Front seat - left side (driver's side)
1376 1.0	12 Front seat - middle
22549 16.3	13 Front seat - right side
26 0.0	18 Front seat - other
74 0.1	19 Front seat - unknown
4462 3.2	21 Second seat - left side
1798 1.3	22 Second seat - middle
5522 4.0	23 Second seat - right side
44 0.0	28 Second seat - other
119 0.1	29 Second seat - unknown
100 0.1	31 Third seat - left side
67 0.0	32 Third seat - middle
117 0.1	33 Third seat - right side
9 0.0	38 Third seat - other
2 0.0	39 Third seat - unknown
25 0.0	50 Sleeper section of cab (truck)
717 0.5	51 Other passenger in passenger or cargo area
5 0.0	52 Trailing unit
198 0.1	53 Riding on vehicle exterior
5336 3.8	99 Unknown

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

Occupant restraint system use

1993 Prcnt	Code Value and Description
19378 14.0	0 None used or N/A
70899 51.1	1 Lap/shoulder belt
8817 6.4	2 Lap belt

Variable 206:OCC RESTRAINT SYSTEM USE (Continued)

1993 Prcnt	Code	Value and Description
2635	1.9	3 Shoulder belt
1987	1.4	6 Child safety seat
869	0.6	7 Motorcycle helmet
11855	8.5	8 Restraint used - specifics unknown or other
22319	16.1	9 Unknown if used

Variable 207	OCC RESTRAINT TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code	Value and Description
20247	14.6	0 None or N/A
130	0.1	1 Automatic (Passive)
29313	21.1	2 Manual (Active)
89069	64.2	9 Unknown type or used

Variable 208	AIRBAG AVAIL/FUNCTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code	Value and Description
99378	71.6	0 No Air Bag available
682	0.5	1 Deployed
1871	1.3	2 Non-deployed
36828	26.5	9 Unknown if available or deployed

Variable 209	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

1993 Prcnt	Code	Value and Description
138506	99.8	0 Not ejected
247	0.2	1 Ejected (partial or total)
6	0.0	9 Unknown whether ejected

General Estimates System (GES)
1993 - Occupant

Variable 211	OCCUPANT AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt	Code Value and Description	
529	0.4	0 Up to one year
788	0.6	1
		- Age in years
1	0.0	96
3	0.0	97 97 years or older
14441	10.4	99 Unknown

Variable 212	OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt	Code Value and Description	
75436	54.4	1 Male
51763	37.3	2 Female
11560	8.3	9 Unknown

Variable 213	OCC INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Occupant injury severity

1993 Prcnt	Code Value and Description	
94454	68.1	0 O - No injury
18665	13.5	1 C - possible injury
12563	9.1	2 B - nonincapacitating injury
6530	4.7	3 A - incapacitating injury
365	0.3	4 K - fatal injury
463	0.3	5 U - Injured - severity unknown
2	0.0	6 Died prior to crash
5717	4.1	9 Unknown if injured

Variable 214	TAKEN TO HOSP/TREATMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Occupant taken to hospital or treatment facility

1993 Prcnt	Code Value and Description	
112580	81.1	0 No
23847	17.2	1 Yes
2332	1.7	9 Unknown

General Estimates System (GES)
1993 - Occupant

Variable 219	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Variable 220	POLICE JURISDICTION	Width: 2	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

Variable 221	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
66846	48.2	1 Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
18003	13.0	2 Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
17526	12.6	3 Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
36384	26.2	4 Group 4 - All other crashes

Variable 222	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 223	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt	Code	Value and Description
20856	15.0	1 Northeast
39509	28.5	2 Midwest
54467	39.3	3 South
23927	17.2	4 West

Variable 224	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

Imputed OCCUPANT Variables

Variables 225 through 230 are imputed versions of previous variables found in the occupant dataset.

Variable 225	IMPUTED OCCUPANT AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
732	0.5	0 Up to one year
1016	0.7	1
		- Age in years
1	0.0	96
5	0.0	97 97 years or older

Variable 226	IMP PAR ALC INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
133727	96.4	0 No (alcohol not involved)
4365	3.1	1 Yes (alcohol involved)
9	0.0	7 Alcohol and/or drugs involved
658	0.5	8 Not reported

Variable 227	IMPUT OCCUPANT EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
138512	99.8	0 Not ejected
247	0.2	1 Ejected (partial or total)

Variable 228	IMP OCC INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
99181	71.5	0 O - No injury
19260	13.9	1 C - possible injury
12800	9.2	2 B - nonincapacitating injury
6642	4.8	3 A - incapacitating injury
371	0.3	4 K - fatal injury
503	0.4	5 U - Injured - severity unknown
2	0.0	6 Died prior to crash

Variable 229	IMP OCC SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
96856	69.8	11 Front seat - left side (driver's side)
1560	1.1	12 Front seat - middle
25932	18.7	13 Front seat - right side
0	0.0	18 Front seat - other
4955	3.6	21 Second seat - left side
1991	1.4	22 Second seat - middle
6097	4.4	23 Second seat - right side
0	0.0	28 Second seat - other
125	0.1	31 Third seat - left side
77	0.1	32 Third seat - middle
147	0.1	33 Third seat - right side
0	0.0	38 Third seat - other
28	0.0	50 Sleeper section of cab (truck)
774	0.6	51 Other passenger in passenger or cargo area
6	0.0	52 Trailing unit
211	0.2	53 Riding on vehicle exterior

Variable 230	IMPUTED OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1993 Prcnt	Code	Value and Description
82167	59.2	1 Male
56592	40.8	2 Female

The NON-MOTORIST Variables

Variables 301 through 330 describe the non-motorists involved in the Accident. The Non-motorist data set contains these variables along with the Accident variables on a non-motorist level.

Variable 301	CASE NUMBER	Width: 8	Type: Numeric
		Dec: None	Miss: None

Variable 302	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 303	NON-MOTORIST NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt Code Value and Description

4502	94.5	1	
		-	Non-motorist number
1	0.0	14	

Variable 304	NON-MOTORIST TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Indicates the role of the non-motorist

1993 Prcnt Code Value and Description

Non-motorists - Occupant			
288	6.0	3	Occupant of a motor vehicle not in transport
36	0.8	4	Occupant of a non-motor vehicle transport device
Non-motorists - Non-occupant			
2589	54.3	5	Pedestrian
1845	38.7	6	Cyclist (pedalcyclist)
8	0.2	8	Other or unknown non-occupant

General Estimates System (GES)
1993 - Non-motorist

Variable 305	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

Variable 307	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Variable 308	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Variable 309	NON-MOT SAFETY EQUIP USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Non-motorist safety equipment use

1993	Prcnt	Code	Value and Description
4323	90.7	0	None used or N/A
48	1.0	1	Bicycle helmet
5	0.1	2	Reflective equipment
5	0.1	3	Bicycle helmet and reflective equipment
14	0.3	8	Other safety equipment
371	7.8	9	Unknown if used

Variable 310	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Variable 311	NON-MOTORIST AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993	Prcnt	Code	Value and Description
2	0.0	0	Up to one year
17	0.4	1	-
			Age in years
1	0.0	92	
0	0.0	97	97 years or older
186	3.9	99	Unknown

General Estimates System (GES)
1993 - Non-motorist

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Variable 312	NON-MOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1993 Prcnt Code Value and Description

3272	68.7	1	Male
1457	30.6	2	Female
37	0.8	9	Unknown

Variable 313	NMTR INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Non-motorist injury severity

1993 Prcnt Code Value and Description

324	6.8	0	O - No injury
469	9.8	1	C - possible injury
2494	52.3	2	B - nonincapacitating injury
1273	26.7	3	A - incapacitating injury
125	2.6	4	K - fatal injury
32	0.7	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash
49	1.0	9	Unknown if injured

Variable 314	TAKEN TO HOSP/TREATMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Occupant taken to hospital or treatment facility

1993 Prcnt Code Value and Description

1169	24.5	0	No
3313	69.5	1	Yes
284	6.0	9	Unknown

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

1993 Prcnt Code Value and Description

4669	98.0	0	None
3	0.1	1	Ill, blackout
1	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
1	0.0	4	Paraplegic or restricted to wheelchair
1	0.0	5	Impaired due to previous injury
1	0.0	6	Deaf
3	0.1	7	Blind
6	0.1	97	Physical impairment - no details

Variable 315:NMTR PHYSICAL IMPAIRMENT (Continued)

1993 Prcnt Code Value and Description

9	0.2	98	Other physical impairments
72	1.5	99	Unknown if physically impaired

Variable 316	PAR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police Crash Report alcohol involvement

1993 Prcnt Code Value and Description

4498	94.4	0	No (alcohol not involved)
211	4.4	1	Yes (alcohol involved)
1	0.0	7	Alcohol and/or drugs involved
3	0.1	8	Not reported
53	1.1	9	Unknown (police reported)

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

Police Crash Report drug involvement

1993 Prcnt Code Value and Description

4696	98.5	0	No (drugs not involved)
13	0.3	1	Yes (drugs involved)
1	0.0	7	Drugs and/or alcohol involved
3	0.1	8	Not reported
53	1.1	9	Unknown (police reported)

Variable 318	NON-MOTORIST ACTION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1993 Prcnt Code Value and Description

1047	22.0	0	No action
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Non-motorist Vehicle Operator

10	0.2	1	Failing to have lights on when required
5	0.1	2	Operating without required equipment
15	0.3	3	Improper or erratic lane changing
9	0.2	4	Failure to keep in proper lane or running off road
48	1.0	5	Making improper entry to or exit from trafficway
75	1.6	6	Operating the vehicle in erratic, reckless, negligent manner
498	10.4	7	Failure to yield right of way

Variable 318:NON-MOTORIST ACTION (Continued)

1993	Prcnt	Code	Value and Description
40	0.8	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
49	1.0	9	Making other improper turns
215	4.5	10	Driving on wrong side of road
Other Non-motorists			
613	12.9	21	Darting or running into road
221	4.6	22	Improper crossing of roadway or intersection (jaywalking)
0	0.0	24	Inattentive (talking, eating, etc.)
4	0.1	25	Jogger
7	0.1	26	Non-motorist pushing vehicle
72	1.5	27	Walking with traffic
15	0.3	28	Walking against traffic
193	4.0	29	Playing, working, sitting, lying, standing, ect. in roadway
1512	31.7	98	Other action
118	2.5	99	Unknown action

Variable 319	NMTR LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Non-motorist location

1993	Prcnt	Code	Value and Description
0	0.0	0	Not applicable - driver or occupant of MV in transport
415	8.7	1	Intersection - in crosswalk
1414	29.7	2	Intersection - on roadway
108	2.3	8	Intersection - other
20	0.4	9	Intersection - unknown location
23	0.5	11	Nonintersection - in crosswalk
2199	46.1	12	Nonintersection - on roadway
358	7.5	18	Nonintersection - other
35	0.7	19	Nonintersection - unknown location
4	0.1	20	In crosswalk - unknown if intersection
141	3.0	98	Other location
49	1.0	99	Unknown location

Variable 320	POLICE JURISDICTION	Width: 2	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

General Estimates System (GES)
1993 - Non-motorist

Variable 321	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt Code Value and Description

251	5.3	1	Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
141	3.0	2	Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
3977	83.4	3	Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
397	8.3	4	Group 4 - All other crashes

Variable 322	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 323	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

1993 Prcnt Code Value and Description

1112	23.3	1	Northeast
1031	21.6	2	Midwest
1509	31.7	3	South
1114	23.4	4	West

Variable 324	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

Imputed NON-MOTORIST Variables

Variables 325 through 330 are imputed versions of previous variables found in the non-motorist dataset.

Variable 325 IMPUTED NON-MOTORIST AGE Width: 2 Type: Numeric
Dec: None Miss: 99

This variable was imputed by NHTSA

1993	Prcnt	Code	Value and Description
2	0.0	0	Up to one year
18	0.4	1	- Age in years
1	0.0	92	
0	0.0	97	97 years or older

Variable 326 IMP PAR ALC INVOLVEMENT Width: 1 Type: Numeric
Dec: None Miss: 9

This variable was imputed by NHTSA

1993	Prcnt	Code	Value and Description
4547	95.4	0	No (alcohol not involved)
215	4.5	1	Yes (alcohol involved)
1	0.0	7	Alcohol and/or drugs involved
3	0.1	8	Not reported

Variable 327 FILLER Width: 1 Type: Numeric
Dec: None Miss: 9

Variable 328 IMP NMTR INJURY SEVERITY Width: 1 Type: Numeric
Dec: None Miss: 9

This variable was imputed by NHTSA

1993	Prcnt	Code	Value and Description
333	7.0	0	O - No injury
478	10.0	1	C - possible injury
2512	52.7	2	B - nonincapacitating injury
1285	27.0	3	A - incapacitating injury
126	2.6	4	K - fatal injury

General Estimates System (GES)
1993 - Non-motorist

Variable 328:IMP NMTR INJURY SEVERITY (Continued)

1993 Prcnt Code Value and Description

32	0.7	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash

<u>Variable 329</u>	<u>FILLER</u>	<u>Width: 2</u>	<u>Type: Numeric</u>
		<u>Dec: None</u>	<u>Miss: 99</u>

<u>Variable 330</u>	<u>IMPUTED NON-MOTORIST SEX</u>	<u>Width: 1</u>	<u>Type: Numeric</u>
		<u>Dec: None</u>	<u>Miss: 9</u>

This variable was imputed by NHTSA

1993 Prcnt Code Value and Description

3295	69.1	1	Male
1471	30.9	2	Female

GES 1993

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	135	4	Abandoned
absorber	123	4	Suspension - springs, shock absorbers, m
abutment	11	34	Bridge Structure (pier/abutment/parapet
abutment	37	34	Bridge Structure (pier/abutment/parapet
abutment	136	34	Bridge Structure (pier/abutment/parapet
abutment	164	34	Bridge Structure (pier/abutment/parapet
ac	107	2	Vehicle instrument display (radio, casse
accelerated	139	4	Accelerated
access	14	3	Driveway, Alley Access, Etc.
access	45	3	Driveway, Alley Access, Etc.
access	138	37	Entering Driveway, Alley Access, Etc.
across	138	34	Entering Intersection - Straight Across
action	26	15	Motorist and cyclist counteract each oth
action	137	18	Successful corrective action to a previo
action	139	*	CORRECTIVE ACTION ATTEMP
action	140	*	VEH CONTROL AFTER ACTION
action	141	*	VEH PATH AFTER ACTION
action	157	18	Successful corrective action to a previo
action	318	*	NON-MOTORIST ACTION
active	21	61	Active devices (gates, flashing lights,
active	48	61	Active devices (gates, flashing lights,
active	207	2	Manual (Active)
acura	109	54	Acura
adverse	24	1	No adverse atmospheric related driving c
adverse	49	1	No adverse atmospheric related driving c
advisory	21	40	Advisory Speed Sign
advisory	48	40	Advisory Speed Sign
aerostar	112	20	Minivan (Astro, Caravan, Plymouth Vista,
aerostar	154	20	Minivan (Astro, Caravan, Plymouth Vista,
age	211	*	OCCUPANT AGE
age	225	*	IMPUTED OCCUPANT AGE
age	311	*	NON-MOTORIST AGE
age	325	*	IMPUTED NON-MOTORIST AGE
ahead	21	43	Warning Sign for Environment/Traffic (Fo
ahead	48	43	Warning Sign for Environment/Traffic (Fo
air	208	0	No Air Bag available
airbag	208	*	AIRBAG AVAIL/FUNCTION
alcohol	29	*	ALCOHOL INVOLVED IN ACC
alcohol	35	*	IMP ALC INVOLVED IN ACC
alcohol	104	1	Alcohol or drugs
alcohol	146	*	ALCOHOL INVOLVED IN VEH
alcohol	161	1	Alcohol or drugs
alcohol	163	*	IMP ALC INVOLVED IN VEH
alcohol	216	*	PAR ALCOHOL INVOLVEMENT
alcohol	217	7	Drugs and/or alcohol involved
alcohol	226	*	IMP PAR ALC INVOLVEMENT
alcohol	316	*	PAR ALCOHOL INVOLVEMENT
alcohol	317	7	Drugs and/or alcohol involved
alcohol	326	*	IMP PAR ALC INVOLVEMENT
alfa	109	31	Alfa Romeo
alignment	18	*	ROADWAY ALIGNMENT
alignment	36	*	IMP ROADWAY ALIGNMENT
alley	14	3	Driveway, Alley Access, Etc.
alley	22	0	No statutory limit (parking lot, alley,

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
alley	26	8	Motorist fails to yield from driveway, a
alley	45	3	Driveway, Alley Access, Etc.
alley	46	0	No statutory limit (parking lot, alley,
alley	138	37	Entering Driveway, Alley Access, Etc.
ambulance	112	11	Auto based panel (cargo station wagon, a
ambulance	116	6	Ambulance
ambulance	154	11	Auto based panel (cargo station wagon, a
american	109	1	American Motors
american	110	+	Rambler/American
angle	12	4	Angle
angle	40	4	Angle
animal	11	24	Animal
animal	37	24	Animal
animal	106	3	Animal in road
animal	136	24	Animal
animal	138	87	Animal in Roadway
animal	164	24	Animal
april	2	4	April
asleep	215	2	Drowsy, sleepy, fell asleep, fatigued
asleep	315	2	Drowsy, sleepy, fell asleep, fatigued
astro	112	20	Minivan (Astro, Caravan, Plymouth Vista,
astro	154	20	Minivan (Astro, Caravan, Plymouth Vista,
atc	112	90	ATV (all terrain vehicle) and ATC (all t
atc	154	90	ATV (all terrain vehicle including dune/
atmospheric	24	*	ATMOSPHERIC CONDITION
atmospheric	49	*	I ATMOSPHERIC CONDITION
attemp	139	*	CORRECTIVE ACTION ATTEMP
attempted	139	99	Unknown if Driver Attempted Any Correctiv
attempted	139	0	No corrective action attempted
attenuator	11	33	Impact attenuator or crash cushion
attenuator	37	33	Impact attenuator or crash cushion
attenuator	136	33	Impact attenuator or crash cushion
attenuator	164	33	Impact attenuator or crash cushion
atv	112	90	ATV (all terrain vehicle) and ATC (all t
atv	154	90	ATV (all terrain vehicle including dune/
audi	109	32	Audi
august	2	8	August
austin	109	33	Austin/Austin Healey
auto	112	10	Auto based pickup (includes El Camino, C
auto	113	7	Auto Transporter
auto	154	10	Auto based pickup (includes El Camino, C
automatic	207	1	Automatic (Passive)
automobile	112	8	Other automobile type
automobile	154	8	Other automobile type
avoid	106	*	DRIVER MANEUVER TO AVOID
avoidance	106	97	Avoidance Maneuver - no details
axle	114	*	NO OF AXLES ON VEH/TRAIL
backed	139	5	Backed
backing	26	11	Motorist backing from driveway fails to
backing	137	13	Backing up (other than parking)
backing	157	13	Backing up (other than parking)
bag	208	0	No Air Bag available
ball	123	3	Steering system - tie rod, kingpin, ball
barrier	11	36	Concrete traffic barrier or other longit
barrier	16	2	Divided highway (median strip, barrier)
barrier	37	36	Concrete traffic barrier or other longit

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
barrier	136	36	Concrete traffic barrier or other longit
barrier	164	36	Concrete traffic barrier or other longit
beacon	21	4	Flashing traffic control signal or flash
beacon	48	4	Flashing traffic control signal or flash
belt	206	1	Lap/shoulder belt
benz	109	42	Mercedes Benz
bicycle	26	40	Play vehicle (big wheel, tricycle, bicyc
bicycle	112	81	Moped (motorized bicycle)
bicycle	154	81	Moped (motorized bicycle)
bicycle	309	1	Bicycle helmet
bicyclist	26	26	Vehicles collide head-on; wrong-way bicy
big	26	40	Play vehicle (big wheel, tricycle, bicyc
billboard	105	4	Building, billboard, or other design fea
blackout	215	1	Ill, blackout
blackout	315	1	Ill, blackout
blind	215	7	Blind
blind	315	7	Blind
blow	138	1	Blow Out or Flat Tire
blowing	24	8	Other (smog, smoke, blowing sand/dust/sn
blowing	49	8	Other (smog, smoke, blowing sand/dust/sn
bmw	109	34	BMW
body	112	*	BODY TYPE
body	113	*	CARGO BODY TYPE
body	123	14	Body, doors
body	154	*	IMPUTED BODY TYPE
boulder	11	46	Boulder
boulder	37	46	Boulder
boulder	136	46	Boulder
boulder	164	46	Boulder
box	113	2	Van/Enclosed Box
brake	123	2	Brake system
braked	139	1	Braked/Slowed
brat	112	10	Auto based pickup (includes El Camino, C
brat	154	10	Auto based pickup (includes El Camino, C
bridge	11	34	Bridge Structure (pier/abutment/parapet
bridge	37	34	Bridge Structure (pier/abutment/parapet
bridge	136	34	Bridge Structure (pier/abutment/parapet
bridge	164	34	Bridge Structure (pier/abutment/parapet
bright	105	2	Reflected glare, bright sunlight, headli
brockway	109	80	Brockway
broken	105	14	Broken or improperly cleaned windshield
bronco	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
bronco	154	14	Utility (includes Jeep CJ-5, Renegade, L
bsa	109	70	BSA
buggy	154	90	ATV (all terrain vehicle including dune/
buick	109	18	Buick
building	11	32	Building
building	37	32	Building
building	105	4	Building, billboard, or other design fea
building	136	32	Building
building	164	32	Building
bus	25	*	SCH BUS RELATED TO ACC
bus	26	110	Commercial bus
bus	109	98	Other (truck or bus)
bus	112	24	Van Based School Bus
bus	113	1	Bus

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
bus	116	2	Vehicle used as school bus
bus	154	24	Van based School Bus
bush	11	44	Shrubbery or bush
bush	37	44	Shrubbery or bush
bush	136	44	Shrubbery or bush
bush	164	44	Shrubbery or bush
cab	112	40	Cab chassis based (includes rescue vehic
cab	154	40	Cab chassis based (includes rescue vehic
cab	205	50	Sleeper section of cab (truck)
cab	229	50	Sleeper section of cab (truck)
caballero	112	10	Auto based pickup (includes El Camino, C
caballero	154	10	Auto based pickup (includes El Camino, C
cadillac	109	19	Cadillac
camino	112	10	Auto based pickup (includes El Camino, C
camino	154	10	Auto based pickup (includes El Camino, C
camper	112	32	Pickup with slide-in camper
camper	154	32	Pickup with slide-in camper
cane	215	3	Requires cane or crutches
cane	315	3	Requires cane or crutches
car	31	1	Group 1 - Crashes involving a towed pass
car	108	1	Yes, driver or car and driver left scene
car	116	7	Fire truck and car
car	149	1	Group 1 - Crashes involving a towed pass
car	155	1	Yes, driver or car and driver left scene
car	221	1	Group 1 - Crashes involving a towed pass
car	321	1	Group 1 - Crashes involving a towed pass
caravan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
caravan	154	20	Minivan (Astro, Caravan, Plymouth Vista,
cargo	112	11	Auto based panel (cargo station wagon, a
cargo	113	*	CARGO BODY TYPE
cargo	154	11	Auto based panel (cargo station wagon, a
cargo	205	51	Other passenger in passenger or cargo ar
cargo	229	51	Other passenger in passenger or cargo ar
carrier's	153	*	CARRIER'S ID NUMBER
carry	112	50	School bus (designed to carry students,
carry	154	50	School bus (designed to carry students,
case	1	*	CASE NUMBER
case	101	*	CASE NUMBER
case	201	*	CASE NUMBER
case	301	*	CASE NUMBER
cassette	107	2	Vehicle instrument display (radio, casse
cb	107	2	Vehicle instrument display (radio, casse
changing	137	16	Changing lanes
changing	157	16	Changing lanes
changing	318	3	Improper or erratic lane changing
channel	138	42	Entering From "Yield" Entrance (Ramp/Cha
charged	104	*	VIOLATIONS CHARGED
charged	161	*	IMP VIOLATIONS CHARGED
chassis	112	12	Large Limousine (more than four side doo
chassis	154	12	Large Limousine (more than four side doo
cherokee	112	15	Large Utility (Jeep Cherokee, Ramcharger
cherokee	154	15	Large Utility (Jeep Cherokee, Ramcharger
chev	112	16	Utility Station Wagon (Chev. Suburban, G
chev	154	16	Utility Station Wagon (Chev. Suburban, G
chevrolet	109	20	Chevrolet
chevy	112	21	Large van (Sportvan, Chevy Van, Club Wag

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
chevy	154	21	Large van (Sportvan, Chevy Van, Club Wag
child	206	6	Child safety seat
chrysler	109	6	Chrysler
city	112	97	Other type vehicle (e.g., go-cart, fork
city	154	97	Other type vehicle (e.g., go-cart, fork
cj-5	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
cj-5	154	14	Utility (includes Jeep CJ-5, Renegade, L
classify	26	37	Insufficient information to classify
cleaned	105	14	Broken or improperly cleaned windshield
clear	26	6	Cyclist fails to clear intersection; mot
clockwise	140	2	Vehicle Rotated (Yawed) Clockwise
club	112	21	Large van (Sportvan, Chevy Van, Club Wag
club	154	21	Large van (Sportvan, Chevy Van, Club Wag
code	147	*	DRIVERS ZIP CODE
coded	27	8	No Person Coded in Crash
coded	28	98	No Person Coded
coded	29	8	No Person Coded
coded	35	8	No Person Coded
coded	41	8	No Person Coded in Crash
coded	144	8	No Person Coded in Crash
coded	145	98	No person coded
coded	146	8	No Person Coded
coded	159	8	No Person Coded in Crash
coded	163	8	No Person Coded
collide	26	26	Vehicles collide head-on; wrong-way bicy
collided	26	25	Vehicles collided at uncontrolled inters
collision	12	*	MANNER OF COLLISION
collision	40	*	IMP MANNER OF COLLISION
collision	138	0	Not applicable/no collision
color	21	1	Traffic control signal (on colors)
color	48	1	Traffic control signal (on colors)
combination	140	20	Combination of 02 through 09
commercial	26	2	Cyclist fails to yield at a commercial d
compact	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
compact	154	30	Compact pickup (<4,500 lbs GVWR)
concrete	11	36	Concrete traffic barrier or other longit
concrete	37	36	Concrete traffic barrier or other longit
concrete	113	6	Concrete Mixer
concrete	136	36	Concrete traffic barrier or other longit
concrete	164	36	Concrete traffic barrier or other longit
condition	20	*	ROADWAY SURFACE COND
condition	21	41	Warning Sign for Road Conditions (hill,
condition	23	*	LIGHT CONDITION
condition	24	*	ATMOSPHERIC CONDITION
condition	39	*	IMP LIGHT CONDITION
condition	47	*	IMP ROADWAY SURFACE COND
condition	48	41	Warning Sign for Road Conditions (hill,
condition	49	*	I ATMOSPHERIC CONDITION
condition	106	2	Poor road conditions (puddle, ice, pot h
condition	138	5	Poor Road Conditions (puddle, pot hole,
construction	21	42	Warning Sign for Road Construction
construction	48	42	Warning Sign for Road Construction
construction	112	93	Construction equipment other than trucks
construction	116	12	Construction equipment
construction	154	93	Construction equipment other than trucks
control	21	*	TRAFFIC CONTROL DEVICE

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
control	26	14	Motorist loses control of vehicle
control	48	*	I TRAFFIC CONTROL DEVICE
control	123	13	Driver seating and control
control	140	*	VEH CONTROL AFTER ACTION
control	318	8	Failure to obey traffic signs/control de
controlled	26	12	Motorist fails to stop at intersection c
conventional	112	39	Unknown (pickup style) light conventiona
conventional	154	39	Unknown (pickup style) light conventiona
convertible	112	1	Convertible (excludes sun roof, t-bar)
convertible	154	1	Convertible (excludes sun roof, t-bar)
corner	26	31	Bicyclist cuts corner when turning left;
corner	128	11	Front right corner
corner	156	11	Front right corner
corrective	137	18	Successful corrective action to a previo
corrective	139	*	CORRECTIVE ACTION ATTEMP
corrective	140	0	No corrective action
corrective	141	0	No corrective action
corrective	157	18	Successful corrective action to a previo
counter-clockwise	140	3	Vehicle Rotated (Yawed) Counter-Clockwis
counteract	26	15	Motorist and cyclist counteract each oth
counteractive	26	30	Vehicles collide head-on; counteractive
country	33	*	REGION OF COUNTRY
country	112	50	School bus (designed to carry students,
country	151	*	REGION OF COUNTRY
country	154	50	School bus (designed to carry students,
country	223	*	REGION OF COUNTRY
country	323	*	REGION OF COUNTRY
coupe	112	2	2-door sedan, hardtop, coupe
coupe	154	2	2-door sedan, hardtop, coupe
crash	11	33	Impact attenuator or crash cushion
crash	21	43	Warning Sign for Environment/Traffic (Fo
crash	27	8	No Person Coded in Crash
crash	37	33	Impact attenuator or crash cushion
crash	41	8	No Person Coded in Crash
crash	48	43	Warning Sign for Environment/Traffic (Fo
crash	107	5	Other crash ("rubbernecking")
crash	136	33	Impact attenuator or crash cushion
crash	143	98	Other crash type
crash	144	8	No Person Coded in Crash
crash	159	8	No Person Coded in Crash
crash	164	33	Impact attenuator or crash cushion
crash	213	6	Died prior to crash
crash	228	6	Died prior to crash
crash	313	6	Died prior to crash
crash	328	6	Died prior to crash
crashes	31	1	Group 1 - Crashes involving a towed pass
crashes	149	1	Group 1 - Crashes involving a towed pass
crashes	221	1	Group 1 - Crashes involving a towed pass
crashes	321	1	Group 1 - Crashes involving a towed pass
critical	137	*	PRIOR TO CRITICAL EVENT
critical	138	*	CRITICAL EVENT
critical	157	*	I PRIOR TO CRITICAL EVEN
crop	105	5	Trees, crops, vegetation
cross	26	610	Waiting to cross
cross	112	50	School bus (designed to carry students,
cross	154	50	School bus (designed to carry students,

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
cross-buck	21	62	Passive devices (stop sign, cross-bucks)
cross-buck	48	62	Passive devices (stop sign, cross-bucks)
crossing	14	5	Rail Grade Crossing
crossing	21	51	Officer, Crossing guard, Flagman, etc.
crossing	26	25	Vehicles collided at uncontrolled inters
crossing	45	5	Rail Grade Crossing
crossing	48	51	Officer, Crossing guard, Flagman, etc.
crossing	318	22	Improper crossing of roadway or intersec
crosswalk	319	1	Intersection - in crosswalk
crosswind	24	8	Other (smog, smoke, blowing sand/dust/sn
crosswind	49	8	Other (smog, smoke, blowing sand/dust/sn
crutches	215	3	Requires cane or crutches
crutches	315	3	Requires cane or crutches
culvert	11	38	Culvert or Ditch
culvert	37	38	Culvert or Ditch
culvert	136	38	Culvert or Ditch
culvert	164	38	Culvert or Ditch
curb	11	39	Curb
curb	26	4	Cyclist fails to yield at a midblock loc
curb	37	39	Curb
curb	126	20	Tripped Rollover - By Curb
curb	136	39	Curb
curb	164	39	Curb
curve	18	2	Curve
curve	36	2	Curve
curve	105	3	Curve, hill
curve	137	15	Negotiating a curve
curve	157	15	Negotiating a curve
cushion	11	33	Impact attenuator or crash cushion
cushion	37	33	Impact attenuator or crash cushion
cushion	136	33	Impact attenuator or crash cushion
cushion	164	33	Impact attenuator or crash cushion
cuts	26	31	Bicyclist cuts corner when turning left;
cycle	11	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	37	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	112	88	Other motored cycle type (minibike, moto
cycle	136	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	154	88	Other motored cycle type (minibike, moto
cycle	164	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	11	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	26	*	PED/CYCLIST ACC TYPE
cyclist	37	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	164	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	304	6	Cyclist (pedalcyclist)
cyclist's	26	17	Cyclist's path obstructed; cyclist strik
daihatsu	109	60	Daihatsu
damage	128	0	No damage/non-collision
damage	129	*	DAMAGE AREA #1
damage	130	*	DAMAGE AREA #2
damage	131	*	DAMAGE AREA #3
damage	132	*	DAMAGE AREA #4
damage	133	*	DAMAGE AREA #5
damage	134	*	DAMAGE SEVERITY
damage	135	2	Towed due to damage
damage	156	0	No damage/non-collision

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
damaged	129	7	All areas damaged
damaged	130	7	All areas damaged
damaged	131	7	All areas damaged
damaged	132	7	All areas damaged
damaged	133	7	All areas damaged
dark	23	2	Dark
dark	39	2	Dark
dart-out	26	821	Midblock dart-out - first half
darting	318	21	Darting or running into road
dash	26	730	Intersection dash
date	2	*	ACCIDENT DATE - MONTH
date	3	*	ACCIDENT DATE - YEAR
datsum	109	35	Nissan/Datsun
dawn	23	4	Dawn
dawn	39	4	Dawn
day	4	*	ACCIDENT DAY OF WEEK
day	50	*	IMP ACC DAY OF WEEK
daylight	23	1	Daylight
daylight	39	1	Daylight
deaf	215	6	Deaf
deaf	315	6	Deaf
decelerating	138	21	Traveling in Same Direction With Lower S
december	2	12	December
defect	123	*	VEHICLE DEFECTS
defog	105	9	Inadequate defrost or defog system
defrost	105	9	Inadequate defrost or defog system
departed	141	4	Vehicle Departed Roadway
departure	138	14	End Departure
deployed	208	1	Deployed
derivative	112	13	Three wheeled automobile or automobile d
derivative	154	13	Three wheeled automobile or automobile d
design	105	4	Building, billboard, or other design fea
designed	112	50	School bus (designed to carry students,
designed	154	50	School bus (designed to carry students,
detect	26	13	Motorist fails to detect cyclist
device	21	*	TRAFFIC CONTROL DEVICE
device	48	*	I TRAFFIC CONTROL DEVICE
device	304	4	Occupant of a non-motor vehicle transpor
device	318	8	Failure to obey traffic signs/control de
diagonal	138	32	From Parallel/Diagonal Parking Lane
diamond	109	81	Diamond Reo, Reo
died	27	6	Died Prior
died	41	6	Died Prior
died	144	6	Died Prior
died	159	6	Died Prior
died	213	6	Died prior to crash
died	228	6	Died prior to crash
died	313	6	Died prior to crash
died	328	6	Died prior to crash
direction	12	5	Sideswipe, same direction
direction	26	18	Cyclist turns left in front of motorist
direction	40	5	Sideswipe, same direction
direction	138	21	Traveling in Same Direction With Lower S
direction	140	9	Vehicle Rotated (Yawed) Unknown Directio
directions	139	15	Steered in Both Directions
dirt	20	5	Sand, dirt, oil

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
dirt	47	5	Sand, dirt, oil
disabled	26	310	To/from disabled vehicle
disabled	137	6	Disabled or parked in travel lane
disabled	157	6	Disabled or parked in travel lane
disabling	134	3	Disabling (severe)
disabling	138	3	Disabling Vehicle Failure (e.g. wheel fe
display	107	2	Vehicle instrument display (radio, casse
distracted	107	*	DRIVER DISTRACTED BY
distractions	107	4	Other internal distractions
ditch	11	38	Culvert or Ditch
ditch	37	38	Culvert or Ditch
ditch	126	22	Tripped Rollover - By Ditch
ditch	136	38	Culvert or Ditch
ditch	164	38	Culvert or Ditch
divided	16	1	Not physically divided (two way trafficw
dodge	109	7	Dodge
domestic	109	29	Other domestic
door	112	7	Hatchback, number of doors unknown
door	123	14	Body, doors
door	154	7	Hatchback, number of doors unknown
drive	26	35	Motorist drive out from on-street parkin
drive	123	5	Power train - universal joint, drive sha
driven	135	1	Driven away
driver	26	760	Driver violation
driver	103	*	DRIVER PRESENCE
driver	106	*	DRIVER MANEUVER TO AVOID
driver	107	*	DRIVER DISTRACTED BY
driver	108	1	Yes, driver or car and driver left scene
driver	123	13	Driver seating and control
driver	139	99	Unknown if Driver Attempted Any Correctiv
driver	147	*	DRIVERS ZIP CODE
driver	155	1	Yes, driver or car and driver left scene
driver	204	1	Driver of motor vehicle in transport
driver	319	0	Not applicable - driver or occupant of M
driver'	205	11	Front seat - left side (driver's side)
driver'	229	11	Front seat - left side (driver's side)
driverless	26	210	Driverless vehicle
driverless	103	0	Unattended vehicle (driverless or no dri
driveway	14	3	Driveway, Alley Access, Etc.
driveway	26	1	Cyclist fails to yield at a residential
driveway	45	3	Driveway, Alley Access, Etc.
driveway	138	37	Entering Driveway, Alley Access, Etc.
driving	24	1	No adverse atmospheric related driving c
driving	49	1	No adverse atmospheric related driving c
driving	104	4	Reckless driving
driving	161	4	Reckless driving
driving	318	10	Driving on wrong side of road
drowsy	215	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	315	2	Drowsy, sleepy, fell asleep, fatigued
drug	104	1	Alcohol or drugs
drug	161	1	Alcohol or drugs
drug	216	7	Alcohol and/or drugs involved
drug	217	*	PAR DRUG INVOLVEMENT
drug	226	7	Alcohol and/or drugs involved
drug	316	7	Alcohol and/or drugs involved
drug	317	*	PAR DRUG INVOLVEMENT

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
drug	326	7	Alcohol and/or drugs involved
dry	20	1	Dry
dry	47	1	Dry
ducati	109	71	Ducati
dump	112	40	Cab chassis based (includes rescue vehic
dump	113	5	Dump
dump	154	40	Cab chassis based (includes rescue vehic
dune	154	90	ATV (all terrain vehicle including dune/
dusk	23	5	Dusk
dusk	39	5	Dusk
dust	24	8	Other (smog, smoke, blowing sand/dust/sn
dust	49	8	Other (smog, smoke, blowing sand/dust/sn
dust	105	1	Rain, snow, fog, smoke, sand, dust
each	26	15	Motorist and cyclist counteract each oth
eagle	109	10	Eagle
eagle	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
earlier	111	40	1940 and earlier
earlier	158	40	1940 and earlier
eating	318	24	Inattentive (talking, eating, etc.)
econoline	112	21	Large van (Sportvan, Chevy Van, Club Wag
econoline	154	21	Large van (Sportvan, Chevy Van, Club Wag
ect	11	50	Pavement Surface Irregularity (ruts, pot
ect	21	41	Warning Sign for Road Conditions (hill,
ect	37	50	Pavement Surface Irregularity (ruts, pot
ect	48	41	Warning Sign for Road Conditions (hill,
ect	106	2	Poor road conditions (puddle, ice, pot h
ect	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
ect	136	50	Pavement surface irregularity (ruts, pot
ect	138	5	Poor Road Conditions (puddle, pot hole,
ect	154	14	Utility (includes Jeep CJ-5, Renegade, L
ect	164	50	Pavement Surface Irregularity (ruts, pot
ect	318	29	Playing, working, sitting, lying, standi
edge	138	10	Over Left Edge of Roadway
either	26	24	Motorist makes right turn in front of cy
ejected	210	0	Not ejected
ejected	227	0	Not ejected
ejection	210	*	OCCUPANT EJECTION
ejection	227	*	IMPUT OCCUPANT EJECTION
el	112	10	Auto based pickup (includes El Camino, C
el	154	10	Auto based pickup (includes El Camino, C
embankment	11	40	Embankment
embankment	37	40	Embankment
embankment	105	4	Building, billboard, or other design fea
embankment	136	40	Embankment
embankment	164	40	Embankment
emergency	26	330	Emergency vehicle related
emergency	120	*	EMERGENCY USE
enclosed	113	2	Van/Enclosed Box
encroaching	138	48	Encroaching - Details Unknown
engine	138	2	Stalled Engine
entering	26	150	Entering/exiting
entering	137	8	Entering a parked position
entering	138	33	Entering Intersection - Turning Into Sam
entering	157	8	Entering a parked position
entrance	14	4	Entrance/Exit Ramp
entrance	45	4	Entrance/Exit Ramp

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
entrance	138	42	Entering From "Yield" Entrance (Ramp/Cha
entry	26	4	Cyclist fails to yield at a midblock loc
entry	318	5	Making improper entry to or exit from tr
environment	21	43	Warning Sign for Environment/Traffic (Fo
environment	48	43	Warning Sign for Environment/Traffic (Fo
equipment	112	92	Farm equipment other than trucks
equipment	116	11	Farm equipment
equipment	154	92	Farm equipment other than trucks
equipment	309	*	NON-MOT SAFETY EQUIP USE
equipment	318	2	Operating without required equipment
erratic	318	3	Improper or erratic lane changing
evasive	26	15	Motorist and cyclist counteract each oth
even	157	*	I PRIOR TO CRITICAL EVENT
event	11	*	FIRST HARMFUL EVENT
event	37	*	IMP FIRST HARMFUL EVENT
event	136	*	MOST HARMFUL EVENT
event	137	*	PRIOR TO CRITICAL EVENT
event	138	*	CRITICAL EVENT
event	157	18	Successful corrective action to a previo
event	164	*	IMP MOST HARMFUL EVENT
excessive	138	6	Excessive Speed
excluding	112	6	Station Wagon (excluding van and truck b
excluding	154	6	Station Wagon (excluding van and truck b
exhaust	123	6	Exhaust system
exit	14	4	Entrance/Exit Ramp
exit	45	4	Entrance/Exit Ramp
exit	318	5	Making improper entry to or exit from tr
exiting	26	150	Entering/exiting
explosion	11	2	Fire/Explosion
explosion	37	2	Fire/Explosion
explosion	136	2	Fire/Explosion
explosion	164	2	Fire/Explosion
expressway	26	520	Expressway crossing
exterior	205	53	Riding on vehicle exterior
exterior	229	53	Riding on vehicle exterior
external	107	6	Other external distractions
failing	318	1	Failing to have lights on when required
fails	26	1	Cyclist fails to yield at a residential
failure	104	6	Failure to yield right-of-way
failure	138	3	Disabling Vehicle Failure (e.g. wheel fe
failure	161	6	Failure to yield right-of-way
failure	318	4	Failure to keep in proper lane or runnin
falling	11	10	Thrown or falling object
falling	37	10	Thrown or falling object
falling	136	10	Thrown or falling object
falling	164	10	Thrown or falling object
farm	112	92	Farm equipment other than trucks
farm	116	11	Farm equipment
farm	154	92	Farm equipment other than trucks
fatal	27	4	Fatal
fatal	41	4	Fatal
fatal	144	4	Fatal
fatal	159	4	Fatal
fatal	213	4	K - fatal injury
fatal	228	4	K - fatal injury
fatal	313	4	K - fatal injury

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
fatal	328	4	K - fatal injury
fatigued	215	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	315	2	Drowsy, sleepy, fell asleep, fatigued
feature	105	4	Building, billboard, or other design fea
february	2	2	February
fell	11	6	Noncollision injury (injured in vehicle,
fell	37	6	Noncollision injury (injured in vehicle,
fell	138	3	Disabling Vehicle Failure (e.g. wheel fe
fell	215	2	Drowsy, sleepy, fell asleep, fatigued
fell	315	2	Drowsy, sleepy, fell asleep, fatigued
female	212	2	Female
female	230	2	Female
female	312	2	Female
female	330	2	Female
fence	11	41	Fence
fence	37	41	Fence
fence	136	41	Fence
fence	164	41	Fence
fiat	109	36	Fiat
fire	11	2	Fire/Explosion
fire	37	2	Fire/Explosion
fire	116	7	Fire truck and car
fire	127	*	FIRE OCCURRENCE
fire	136	2	Fire/Explosion
fire	164	2	Fire/Explosion
fixed	11	28	Other object not fixed
fixed	37	28	Other object not fixed
fixed	136	28	Other object not fixed
fixed	164	28	Other object not fixed
flagman	21	51	Officer, Crossing guard, Flagman, etc.
flagman	48	51	Officer, Crossing guard, Flagman, etc.
flashing	21	4	Flashing traffic control signal or flash
flashing	26	9	Motorist obeys intersection stop sign or
flashing	48	4	Flashing traffic control signal or flash
flat	138	1	Blow Out or Flat Tire
flatbed	113	4	Flatbed
flow	16	*	TRAFFICWAY FLOW
fog	21	43	Warning Sign for Environment/Traffic (Fo
fog	24	5	Fog
fog	48	43	Warning Sign for Environment/Traffic (Fo
fog	49	5	Fog
fog	105	1	Rain, snow, fog, smoke, sand, dust
ford	109	12	Ford
ford	112	21	Large van (Sportvan, Chevy Van, Club Wag
ford	154	21	Large van (Sportvan, Chevy Van, Club Wag
foreign	109	69	Other foreign
fork	112	97	Other type vehicle (e.g., go-cart, fork
fork	154	97	Other type vehicle (e.g., go-cart, fork
freightliner	109	82	Freightliner, White
friday	4	6	Friday
friday	50	6	Friday
front	26	18	Cyclist turns left in front of motorist
front	128	1	Front
front	129	1	Front
front	130	1	Front
front	131	1	Front

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
front	132	1	Front
front	133	1	Front
front	156	1	Front
front	205	11	Front seat - left side (driver's side)
front	229	11	Front seat - left side (driver's side)
function	208	*	AIRBAG AVAIL/FUNCTION
functional	134	2	Functional (moderate)
fwd	109	83	FWD
garbage	113	8	Garbage/Refuse
gate	21	61	Active devices (gates, flashing lights,
gate	48	61	Active devices (gates, flashing lights,
general	109	3	AM General
glare	105	2	Reflected glare, bright sunlight, headli
gmc	109	23	GMC
gmc	112	16	Utility Station Wagon (Chev. Suburban, G
gmc	154	16	Utility Station Wagon (Chev. Suburban, G
go-cart	112	97	Other type vehicle (e.g., go-cart, fork
go-cart	154	97	Other type vehicle (e.g., go-cart, fork
golden	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
grade	14	5	Rail Grade Crossing
grade	19	2	Grade
grade	21	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,
grader	112	93	Construction equipment other than trucks
grader	154	93	Construction equipment other than trucks
grand	112	16	Utility Station Wagon (Chev. Suburban, G
grand	154	16	Utility Station Wagon (Chev. Suburban, G
grate	11	50	Pavement Surface Irregularity (ruts, pot
grate	37	50	Pavement Surface Irregularity (ruts, pot
grate	136	50	Pavement surface irregularity (ruts, pot
grate	164	50	Pavement Surface Irregularity (ruts, pot
ground	11	31	Ground
ground	37	31	Ground
ground	136	31	Ground
ground	164	31	Ground
group	31	1	Group 1 - Crashes involving a towed pass
group	149	1	Group 1 - Crashes involving a towed pass
group	221	1	Group 1 - Crashes involving a towed pass
group	321	1	Group 1 - Crashes involving a towed pass
grumman	109	25	Grumman
guard	21	51	Officer, Crossing guard, Flagman, etc.
guard	48	51	Officer, Crossing guard, Flagman, etc.
guardrail	11	35	Guardrail
guardrail	37	35	Guardrail
guardrail	126	21	Tripped Rollover - By Guardrail
guardrail	136	35	Guardrail
guardrail	164	35	Guardrail
hail	24	8	Other (smog, smoke, blowing sand/dust/sn
hail	49	8	Other (smog, smoke, blowing sand/dust/sn
hardtop	112	2	2-door sedan, hardtop, coupe
hardtop	154	2	2-door sedan, hardtop, coupe
harley-davidson	109	72	Harley-Davidson
harmful	11	*	FIRST HARMFUL EVENT
harmful	37	*	IMP FIRST HARMFUL EVENT

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
harmful	136	*	MOST HARMFUL EVENT
harmful	164	*	IMP MOST HARMFUL EVENT
harvester	109	84	International Harvester/Navistar
hatchback	112	3	3-door/2-door hatchback
hatchback	154	3	3-door/2-door hatchback
hazardous	117	*	HAZ MATERIAL PLACARD NO
hazardous	118	*	HAZ MATERIALS PLACARDED
hazardous	119	*	HAZ MATERIALS RELEASE
head	105	13	Head restraints
head-on	12	2	Head-on
head-on	26	26	Vehicles collide head-on; wrong-way bicy
head-on	40	2	Head-on
headlight	105	2	Reflected glare, bright sunlight, headli
headlight	123	7	Headlights
healey	109	33	Austin/Austin Healey
hearse	112	11	Auto based panel (cargo station wagon, a
hearse	116	10	Hearse
hearse	154	11	Auto based panel (cargo station wagon, a
heating	107	2	Vehicle instrument display (radio, casse
heavy	112	65	Medium/heavy truck based motorhome
heavy	154	65	Medium/heavy truck based motorhome
helmet	206	7	Motorcycle helmet
helmet	309	1	Bicycle helmet
hi-cube	112	28	Other van type (Hi-Cube, Kary)
hi-cube	154	28	Other van type (Hi-Cube, Kary)
higher	138	22	Traveling in Same Direction With Higher
highway	13	*	INTERSTATE HIGHWAY
highway	16	2	Divided highway (median strip, barrier)
hill	21	41	Warning Sign for Road Conditions (hill,
hill	48	41	Warning Sign for Road Conditions (hill,
hill	105	3	Curve, hill
hillcrest	19	3	Hillcrest
hillcrest	44	3	Hillcrest
hit-and-run	103	2	Hit-and-run
hit-and-run	105	50	Hit-and-run vehicle
hit-and-run	108	*	HIT-AND-RUN
hit-and-run	123	50	Hit-and-run vehicle
hit-and-run	155	*	IMPUTED HIT-AND-RUN
hitch	123	15	Trailer hitch
hitchhiking	26	510	Hitchhiking
hole	106	2	Poor road conditions (puddle, ice, pot h
hole	138	5	Poor Road Conditions (puddle, pot hole,
honda	109	37	Honda
hospital	214	*	TAKEN TO HOSP/TREATMENT
hospital	314	*	TAKEN TO HOSP/TREATMENT
hot	26	230	Hot pursuit
hour	5	*	ACCIDENT TIME - HOUR
hour	38	*	IMP ACCIDENT TIME - HOUR
hvy	31	1	Group 1 - Crashes involving a towed pass
hvy	149	1	Group 1 - Crashes involving a towed pass
hvy	221	1	Group 1 - Crashes involving a towed pass
hvy	321	1	Group 1 - Crashes involving a towed pass
hydrant	11	43	Fire hydrant
hydrant	37	43	Fire hydrant
hydrant	136	43	Fire hydrant
hydrant	164	43	Fire hydrant

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
hyundai	109	55	Hyundai
ice	20	4	Ice
ice	47	4	Ice
ice	106	2	Poor road conditions (puddle, ice, pot h
ice	138	5	Poor Road Conditions (puddle, pot hole,
identifier	153	*	CARRIER'S ID NUMBER
ill	215	1	Ill, blackout
ill	315	1	Ill, blackout
immersion	11	3	Immersion
immersion	37	3	Immersion
immersion	136	3	Immersion
immersion	164	3	Immersion
impac	156	*	I INITIAL POINT OF IMPAC
impact	11	33	Impact attenuator or crash cushion
impact	37	33	Impact attenuator or crash cushion
impact	128	*	INITIAL POINT OF IMPACT
impact	136	33	Impact attenuator or crash cushion
impact	143	0	No impact
impact	164	33	Impact attenuator or crash cushion
impaired	215	5	Impaired due to previous injury
impaired	315	5	Impaired due to previous injury
impairment	215	*	OCCUPANT IMPAIRMENT
impairment	315	*	NMTR PHYSICAL IMPAIRMENT
imperial	109	8	Imperial
improper	318	3	Improper or erratic lane changing
improperly	105	14	Broken or improperly cleaned windshield
imputed	35	*	IMP ALC INVOLVED IN ACC
imputed	36	*	IMP ROADWAY ALIGNMENT
imputed	37	*	IMP FIRST HARMFUL EVENT
imputed	38	*	IMP ACCIDENT TIME - HOUR
imputed	39	*	IMP LIGHT CONDITION
imputed	40	*	IMP MANNER OF COLLISION
imputed	41	*	IMP MAX INJ SEV. IN ACC
imputed	42	*	IMP ACC TIME - MINUTE
imputed	44	*	IMPUTED ROADWAY PROFILE
imputed	45	*	IMP RELATION TO JUNCTION
imputed	46	*	IMPUTED SPEED LIMIT
imputed	47	*	IMP ROADWAY SURFACE COND
imputed	50	*	IMP ACC DAY OF WEEK
imputed	154	*	IMPUTED BODY TYPE
imputed	155	*	IMPUTED HIT-AND-RUN
imputed	158	*	IMPUTED MODEL YEAR
imputed	159	*	IMP MAX INJ SEV. IN VEH
imputed	160	*	IMP NUM INJURED IN VEH
imputed	161	*	IMP VIOLATIONS CHARGED
imputed	162	*	IMPUTED VEHICLE ROLE
imputed	163	*	IMP ALC INVOLVED IN VEH
imputed	164	*	IMP MOST HARMFUL EVENT
imputed	225	*	IMPUTED OCCUPANT AGE
imputed	226	*	IMP PAR ALC INVOLVEMENT
imputed	227	*	IMP UT OCCUPANT EJECTION
imputed	228	*	IMP OCC INJURY SEVERITY
imputed	229	*	IMP OCC SEATING POSITION
imputed	230	*	IMPUTED OCCUPANT SEX
imputed	325	*	IMPUTED NON-MOTORIST AGE
imputed	326	*	IMP PAR ALC INVOLVEMENT

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
imputed	328	*	IMP NMTR INJURY SEVERITY
imputed	330	*	IMPUTED NON-MOTORIST SEX
inadequate	26	920	Inadequate information
inadequate	105	9	Inadequate defrost or defog system
inattentive	318	24	Inattentive (talking, eating, etc.)
incapacitating	27	3	Incapacitating
incapacitating	41	3	Incapacitating
incapacitating	144	3	Incapacitating
incapacitating	159	3	Incapacitating
incapacitating	213	3	A - incapacitating injury
incapacitating	228	3	A - incapacitating injury
incapacitating	313	3	A - incapacitating injury
incapacitating	328	3	A - incapacitating injury
infiniti	109	58	Infiniti
information	26	37	Insufficient information to classify
information	104	50	Hit & run (and no information)
information	106	50	Hit & run (and no information)
information	107	50	Hit & run (and no information)
information	161	50	Hit & run (and no information)
initial	128	*	INITIAL POINT OF IMPACT
initial	156	*	I INITIAL POINT OF IMPAC
injured	11	6	Noncollision injury (injured in vehicle,
injured	37	6	Noncollision injury (injured in vehicle,
injured	145	*	NUMBER INJURED IN VEH
injured	160	*	IMP NUM INJURED IN VEH
injured	213	5	U - Injured - severity unknown
injured	228	5	U - Injured - severity unknown
injured	313	5	U - Injured - severity unknown
injured	328	5	U - Injured - severity unknown
injury	11	6	Noncollision injury (injured in vehicle,
injury	27	*	MAX INJ SEVERITY IN ACC
injury	28	*	NUM INJ PERSONS IN ACC
injury	31	2	Group 2 - Crashes involving a med/hvy tr
injury	37	6	Noncollision injury (injured in vehicle,
injury	41	*	IMP MAX INJ SEV. IN ACC
injury	43	*	I NUM INJ PERSONS IN ACC
injury	121	97	Unknown - only injury reported
injury	136	6	Noncollision injury
injury	144	*	MAX INJ SEVERITY IN VEH
injury	149	2	Group 2 - Crashes involving a med/hvy tr
injury	159	*	IMP MAX INJ SEV. IN VEH
injury	164	6	Noncollision injury
injury	213	*	OCC INJURY SEVERITY
injury	215	5	Impaired due to previous injury
injury	221	2	Group 2 - Crashes involving a med/hvy tr
injury	228	*	IMP OCC INJURY SEVERITY
injury	313	*	NMTR INJURY SEVERITY
injury	315	5	Impaired due to previous injury
injury	321	2	Group 2 - Crashes involving a med/hvy tr
injury	328	*	IMP NMTR INJURY SEVERITY
instrument	107	2	Vehicle instrument display (radio, casse
insufficient	26	37	Insufficient information to classify
intended	138	36	Entering Intersection - Intended Path Un
interchange	14	18	Other Location in Interchange
interchange	45	18	Other Location in Interchange
intercity	112	58	Other bus (e.g., transit intercity bus b

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
intercity	154	58	Other bus (e.g., transit intercity bus b
interior	105	11	Obstruction interior to vehicle
internal	107	4	Other internal distractions
international	109	84	International Harvester/Navistar
intersecting	26	99	Intersecting path - unknown
intersection	14	1	Intersection
intersection	26	5	Cyclist fails to yield at intersection
intersection	45	1	Intersection
intersection	138	33	Entering Intersection - Turning Into Sam
intersection	318	22	Improper crossing of roadway or intersec
intersection	319	1	Intersection - in crosswalk
interstate	13	*	INTERSTATE HIGHWAY
invold	31	2	Group 2 - Crashes involving a med/hvy tr
invold	149	2	Group 2 - Crashes involving a med/hvy tr
invold	221	2	Group 2 - Crashes involving a med/hvy tr
invold	321	2	Group 2 - Crashes involving a med/hvy tr
involved	7	*	NUM VEH INVOLVED IN ACC
involved	8	*	NUM NMTR INVOLVED IN ACC
involved	26	0	No pedestrian/cyclist involved
involved	29	*	ALCOHOL INVOLVED IN ACC
involved	31	3	Group 3 - Crashes not involving a towed
involved	35	*	IMP ALC INVOLVED IN ACC
involved	103	0	Unattended vehicle (driverless or no dri
involved	121	*	NUM OCC INVOLVED IN VEH
involved	137	94	More than two vehicles involved
involved	138	94	More than two vehicles involved
involved	139	94	More than two vehicles involved
involved	140	94	More than two vehicles involved
involved	141	94	More than two vehicles involved
involved	146	*	ALCOHOL INVOLVED IN VEH
involved	149	3	Group 3 - Crashes not involving a towed
involved	157	94	More than two vehicles involved
involved	163	*	IMP ALC INVOLVED IN VEH
involved	216	0	No (alcohol not involved)
involved	217	0	No (drugs not involved)
involved	221	3	Group 3 - Crashes not involving a towed
involved	226	0	No (alcohol not involved)
involved	316	0	No (alcohol not involved)
involved	317	0	No (drugs not involved)
involved	321	3	Group 3 - Crashes not involving a towed
involved	326	0	No (alcohol not involved)
involving	31	1	Group 1 - Crashes involving a towed pass
involving	149	1	Group 1 - Crashes involving a towed pass
involving	221	1	Group 1 - Crashes involving a towed pass
involving	321	1	Group 1 - Crashes involving a towed pass
irregularity	11	50	Pavement Surface Irregularity (ruts, pot
irregularity	37	50	Pavement Surface Irregularity (ruts, pot
irregularity	136	50	Pavement surface irregularity (ruts, pot
irregularity	164	50	Pavement Surface Irregularity (ruts, pot
isuzu	109	38	Isuzu
iveco	109	88	Iveco/Magirus
jackknife	11	5	Jackknife
jackknife	37	5	Jackknife
jackknife	125	*	JACKKNIFE
jackknife	136	5	Jackknife
jackknife	164	5	Jackknife

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
jaguar	109	39	Jaguar
january	2	1	January
jaywalking	318	22	Improper crossing of roadway or intersec
jeep	109	2	Jeep (includes Kaiser-Jeep)
jeep	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
jeep	154	14	Utility (includes Jeep CJ-5, Renegade, L
jogger	318	25	Jogger
joint	123	3	Steering system - tie rod, kingpin, ball
july	2	7	July
junction	14	*	RELATION TO JUNCTION
junction	45	*	IMP RELATION TO JUNCTION
june	2	6	June
jurisdiction	30	*	POLICE JURISDICTION
jurisdiction	148	*	POLICE JURISDICTION
jurisdiction	220	*	POLICE JURISDICTION
jurisdiction	320	*	POLICE JURISDICTION
kaiser-jeep	109	2	Jeep (includes Kaiser-Jeep)
kary	112	28	Other van type (Hi-Cube, Kary)
kary	154	28	Other van type (Hi-Cube, Kary)
kawasaki	109	73	Kawasaki
kenworth	109	85	Kenworth
kingpin	123	3	Steering system - tie rod, kingpin, ball
lancia	109	40	Lancia
land	9	*	LAND USE
landrover	154	14	Utility (includes Jeep CJ-5, Renegade, L
lane	15	2	On Shoulder or Parking Lane
lane	17	*	NUMBER OF TRAVEL LANES
lane	137	2	Slowing or stopping in traffic lane
lane	138	26	From Adjacent Lane (Opposite Direction)
lane	141	1	Vehicle Stayed In Travel Lane Where Corr
lane	157	2	Slowing or stopping in traffic lane
lane	318	3	Improper or erratic lane changing
lap	206	1	Lap/shoulder belt
laterally	140	5	Vehicle Slid/Skid Laterally - No Rotatio
least	31	2	Group 2 - Crashes involving a med/hvy tr
least	149	2	Group 2 - Crashes involving a med/hvy tr
least	221	2	Group 2 - Crashes involving a med/hvy tr
least	321	2	Group 2 - Crashes involving a med/hvy tr
leave	108	0	No, did not leave scene
leave	155	0	No, did not leave scene
leaving	135	*	MANNER OF LEAVING SCENE
leaving	137	7	Leaving a parked position
leaving	157	7	Leaving a parked position
left	26	18	Cyclist turns left in front of motorist
left	108	1	Yes, driver or car and driver left scene
left	128	12	Front left corner
left	137	11	Turning left
left	138	10	Over Left Edge of Roadway
left	139	2	Steered to Left
left	141	2	Vehicle Stayed On Roadway But Left Trave
left	155	1	Yes, driver or car and driver left scene
left	156	12	Front left corner
left	157	11	Turning left
left	205	11	Front seat - left side (driver's side)
left	229	11	Front seat - left side (driver's side)
leftside	128	3	Leftside

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
leftside	129	3	Leftside
leftside	130	3	Leftside
leftside	131	3	Leftside
leftside	132	3	Leftside
leftside	133	3	Leftside
leftside	156	3	Leftside
level	19	1	Level
level	44	1	Level
lexus	109	59	Lexus
license	104	5	Driving with a suspended or revoked lice
license	161	5	Driving with a suspended or revoked lice
lift	112	97	Other type vehicle (e.g., go-cart, fork
lift	154	97	Other type vehicle (e.g., go-cart, fork
light	21	61	Active devices (gates, flashing lights,
light	23	*	LIGHT CONDITION
light	26	9	Motorist obeys intersection stop sign or
light	39	*	IMP LIGHT CONDITION
light	48	61	Active devices (gates, flashing lights,
light	112	39	Unknown (pickup style) light conventiona
light	123	8	Signal lights
light	154	39	Unknown (pickup style) light conventiona
light	318	1	Failing to have lights on when required
lighted	23	3	Dark, but lighted
lighted	39	3	Dark, but lighted
lighting	105	10	Inadequate lighting system
limit	22	*	SPEED LIMIT
limit	46	*	IMPUTED SPEED LIMIT
limousine	112	12	Large Limousine (more than four side doo
limousine	154	12	Large Limousine (more than four side doo
lincoln	109	13	Lincoln
line	138	30	From Adjacent Lane (Same Direction) - Ov
listed	109	78	Moped (other than listed manufacturers)
load	105	6	Moving vehicle (including load)
longitudinal	11	36	Concrete traffic barrier or other longit
longitudinal	37	36	Concrete traffic barrier or other longit
longitudinal	136	36	Concrete traffic barrier or other longit
longitudinal	164	36	Concrete traffic barrier or other longit
longitudinally	140	4	Vehicle Slid/Skid Longitudinally - No Ro
loses	26	14	Motorist loses control of vehicle
lot	22	0	No statutory limit (parking lot, alley,
lot	26	29	Parking lot, other open area; crossing p
lot	46	0	No statutory limit (parking lot, alley,
lower	138	21	Traveling in Same Direction With Lower S
lt	31	1	Group 1 - Crashes involving a towed pass
lt	149	1	Group 1 - Crashes involving a towed pass
lt	221	1	Group 1 - Crashes involving a towed pass
lt	321	1	Group 1 - Crashes involving a towed pass
lying	318	29	Playing, working, sitting, lying, standi
mack	109	86	Mack
macpherson	123	4	Suspension - springs, shock absorbers, m
magirus	109	88	Iveco/Magirus
mailbox	26	140	Mailbox related
maintained	140	1	Vehicle Control Maintained After Correct
make	109	*	MAKE
make	110	*	MAKE/MODEL
makes	26	21	Cyclist riding on wrong side of street m

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
male	212	1	Male
male	230	1	Male
male	312	1	Male
male	330	1	Male
maneuver	106	*	DRIVER MANEUVER TO AVOID
maneuvered	106	99	Unknown if driver maneuvered to avoid
manner	12	*	MANNER OF COLLISION
manner	40	*	IMP MANNER OF COLLISION
manner	135	*	MANNER OF LEAVING SCENE
manner	318	6	Operating the vehicle in erratic, reckle
manual	207	2	Manual (Active)
manufacturers	109	78	Moped (other than listed manufacturers)
march	2	3	March
material	117	*	HAZ MATERIAL PLACARD NO
material	118	*	HAZ MATERIALS PLACARDED
material	119	*	HAZ MATERIALS RELEASE
maximum	27	*	MAX INJ SEVERITY IN ACC
maximum	41	*	IMP MAX INJ SEV. IN ACC
maximum	144	*	MAX INJ SEVERITY IN VEH
maximum	159	*	IMP MAX INJ SEV. IN VEH
may	2	5	May
mazda	109	41	Mazda
mechanism	126	29	Tripped Rollover - Unknown Mechanism
med	31	1	Group 1 - Crashes involving a towed pass
med	149	1	Group 1 - Crashes involving a towed pass
med	221	1	Group 1 - Crashes involving a towed pass
med	321	1	Group 1 - Crashes involving a towed pass
median	15	4	On Median
median	16	2	Divided highway (median strip, barrier)
medium	112	65	Medium/heavy truck based motorhome
medium	154	65	Medium/heavy truck based motorhome
mercedes	109	42	Mercedes Benz
mercury	109	14	Mercury
merge	26	720	Vehicle turn/merge
merges	26	3	Cyclist turns/merges into path from resi
merging	137	17	Merging
merging	157	17	Merging
merkur	109	56	Merkur
mg	109	43	MG
midblock	26	4	Cyclist fails to yield at a midblock loc
middle	205	12	Front seat - middle
middle	229	12	Front seat - middle
midnight	5	24	12:00 Midnight
midnight	38	24	12:00 Midnight
midwest	33	2	Midwest
midwest	151	2	Midwest
midwest	223	2	Midwest
midwest	323	2	Midwest
military	116	4	Military
minibike	112	88	Other motored cycle type (minibike, moto
minibike	154	88	Other motored cycle type (minibike, moto
minivan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
minivan	154	20	Minivan (Astro, Caravan, Plymouth Vista,
minor	134	1	Minor
minor	138	4	Minor Vehicle Failure
minute	6	*	ACCIDENT TIME - MINUTE

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
minute	42	*	IMP ACC TIME - MINUTE
mirror	105	12	Mirrors
mirror	123	12	Mirrors
misjudges	26	16	Motorist misjudges space required to pas
mitsubishi	109	52	Mitsubishi
mixer	113	6	Concrete Mixer
model	110	*	MAKE/MODEL
model	111	*	MODEL YEAR
model	158	*	IMPUTED MODEL YEAR
moderate	134	2	Functional (moderate)
monday	4	2	Monday
monday	50	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	109	78	Moped (other than listed manufacturers)
moped	112	81	Moped (motorized bicycle)
moped	154	81	Moped (motorized bicycle)
moto-guzzi	109	74	Moto-Guzzi
motor	11	25	Motor vehicle in transport
motor	26	27	Bicyclist overtaking motor vehicle
motor	37	25	Motor vehicle in transport
motor	109	1	American Motors
motor	136	25	Motor vehicle in transport
motor	164	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	109	79	Other motorcycle
motorcycle	112	82	Three wheeled motorcycle or moped
motorcycle	154	82	Three wheeled motorcycle or moped
motorcycle	206	7	Motorcycle helmet
motorcyle	112	80	Motorcyle
motorcyle	154	80	Motorcyle
motored	112	88	Other motored cycle type (minibike, moto
motored	154	88	Other motored cycle type (minibike, moto
motorhome	112	23	Van based motorhome
motorhome	154	23	Van based motorhome
motorist	26	6	Cyclist fails to clear intersection; mot
motorized	112	81	Moped (motorized bicycle)
motorized	154	81	Moped (motorized bicycle)
motorscooter	112	88	Other motored cycle type (minibike, moto
motorscooter	154	88	Other motored cycle type (minibike, moto
moving	105	6	Moving vehicle (including load)
moving-vehicle	11	26	Parked motor vehicle (or other mv not in
moving-vehicle	37	26	Parked motor vehicle (or other mv not in
moving-vehicle	319	0	Not applicable - driver or occupant of M
multiple	26	710	Multiple threat intersection
multiple	139	98	Other single or multiple corrective acti
navistar	109	84	International Harvester/Navistar
negligent	318	6	Operating the vehicle in erratic, reckle
negotiating	137	15	Negotiating a curve
negotiating	157	15	Negotiating a curve
nissan	109	35	Nissan/Datsun
non-collision	128	0	No damage/non-collision
non-collision	156	0	No damage/non-collision
non-deployed	208	2	Non-deployed
non-interchange	14	8	Other, Non-interchange
non-interchange	45	8	Other, Non-interchange

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
non-junction	14	0	Non-junction
non-junction	45	0	Non-junction
non-mot	309	*	NON-MOT SAFETY EQUIP USE
non-motor	304	4	Occupant of a non-motor vehicle transpor
non-motorist	106	5	Pedestrian, pedalcyclist, or other non-m
non-motorist	138	83	Pedalcyclist/Other Non-Motorist in Roadw
non-motorist	303	*	NON-MOTORIST NUMBER
non-motorist	304	*	NON-MOTORIST TYPE
non-motorist	311	*	NON-MOTORIST AGE
non-motorist	312	*	NON-MOTORIST SEX
non-motorist	318	*	NON-MOTORIST ACTION
non-motorist	325	*	IMPUTED NON-MOTORIST AGE
non-motorist	330	*	IMPUTED NON-MOTORIST SEX
non-occupant	304	8	Other or unknown non-occupant
noncollision	11	6	Noncollision injury (injured in vehicle,
noncollision	37	6	Noncollision injury (injured in vehicle,
noncollision	136	6	Noncollision injury
noncollision	142	0	Noncollision
noncollision	162	0	Noncollision
noncollision	164	6	Noncollision injury
nonincapacitating	27	2	Nonincapacitating
nonincapacitating	41	2	Nonincapacitating
nonincapacitating	144	2	Nonincapacitating
nonincapacitating	159	2	Nonincapacitating
nonincapacitating	213	2	B - nonincapacitating injury
nonincapacitating	228	2	B - nonincapacitating injury
nonincapacitating	313	2	B - nonincapacitating injury
nonincapacitating	328	2	B - nonincapacitating injury
nonintersection	319	11	Nonintersection - in crosswalk
nonmotorist	8	*	NUM NMTR INVOLVED IN ACC
nonmotorist	11	27	Other type nonmotorist
nonmotorist	37	27	Other type nonmotorist
nonmotorist	136	27	Other type nonmotorist
nonmotorist	164	27	Other type nonmotorist
nonmotorist	313	*	NMTR INJURY SEVERITY
nonmotorist	315	*	NMTR PHYSICAL IMPAIRMENT
nonmotorist	319	*	NMTR LOCATION
nonmotorist	328	*	IMP NMTR INJURY SEVERITY
nonmotorists	8	0	0 nonmotorists involved
northeast	33	1	Northeast
northeast	151	1	Northeast
northeast	223	1	Northeast
northeast	323	1	Northeast
norton	109	75	Norton
noted	125	0	No jackknife noted on PAR
noted	127	0	No fire noted on PAR
november	2	11	November
number	1	*	CASE NUMBER
number	7	*	NUM VEH INVOLVED IN ACC
number	8	*	NUM NMTR INVOLVED IN ACC
number	17	*	NUMBER OF TRAVEL LANES
number	28	*	NUM INJ PERSONS IN ACC
number	32	*	PSU NUMBER
number	43	*	I NUM INJ PERSONS IN ACC
number	101	*	CASE NUMBER
number	102	*	VEHICLE NUMBER

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
number	112	7	Hatchback, number of doors unknown
number	121	*	NUM OCC INVOLVED IN VEH
number	124	4	Yes, number of trailing units unknown
number	145	*	NUMBER INJURED IN VEH
number	150	*	PSU NUMBER
number	153	*	CARRIER'S ID NUMBER
number	154	7	Hatchback, number of doors unknown
number	160	*	IMP NUM INJURED IN VEH
number	201	*	CASE NUMBER
number	202	*	VEHICLE NUMBER
number	203	*	OCCUPANT NUMBER
number	222	*	PSU NUMBER
number	301	*	CASE NUMBER
number	303	*	NON-MOTORIST NUMBER
number	322	*	PSU NUMBER
obey	318	8	Failure to obey traffic signs/control de
obeys	26	9	Motorist obeys intersection stop sign or
object	11	10	Thrown or falling object
object	37	10	Thrown or falling object
object	106	1	Object in road
object	136	10	Thrown or falling object
object	138	90	Object in Roadway
object	164	10	Thrown or falling object
obscured	105	*	VISION OBSCURED BY
observe	318	8	Failure to obey traffic signs/control de
obstructed	26	6	Cyclist fails to clear intersection; mot
obstruction	26	17	Cyclist's path obstructed; cyclist strik
obstruction	105	0	No obstruction
occupant	107	1	Passengers, occupants
occupant	121	*	NUM OCC INVOLVED IN VEH
occupant	203	*	OCCUPANT NUMBER
occupant	204	*	OCCUPANT TYPE
occupant	205	*	OCC SEATING POSITION
occupant	206	*	OCC RESTRAINT SYSTEM USE
occupant	207	*	OCC RESTRAINT TYPE
occupant	210	*	OCCUPANT EJECTION
occupant	211	*	OCCUPANT AGE
occupant	212	*	OCCUPANT SEX
occupant	213	*	OCC INJURY SEVERITY
occupant	215	*	OCCUPANT IMPAIRMENT
occupant	225	*	IMPUTED OCCUPANT AGE
occupant	227	*	IMPUT OCCUPANT EJECTION
occupant	228	*	IMP OCC INJURY SEVERITY
occupant	229	*	IMP OCC SEATING POSITION
occupant	230	*	IMPUTED OCCUPANT SEX
occupant	304	3	Occupant of a motor vehicle not in trans
occupant	319	0	Not applicable - driver or occupant of M
occurred	125	1	Jackknife occurred
occurred	127	1	Fire occurred in vehicle
occurrence	127	*	FIRE OCCURRENCE
october	2	10	October
officer	21	51	Officer, Crossing guard, Flagman, etc.
officer	48	51	Officer, Crossing guard, Flagman, etc.
officer	318	8	Failure to obey traffic signs/control de
oil	20	5	Sand, dirt, oil
oil	47	5	Sand, dirt, oil

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
older	211	97	97 years or older
older	225	97	97 years or older
older	311	97	97 years or older
older	325	97	97 years or older
oldsmobile	109	21	Oldsmobile
on-street	26	35	Motorist drive out from on-street parkin
operated	103	1	Driver operated vehicle
operating	318	2	Operating without required equipment
opposite	12	6	Sideswipe, opposite direction
opposite	26	19	Cyclist turns left in front of motorist
opposite	40	6	Sideswipe, opposite direction
opposite	138	23	Traveling in Opposite Direction
other's	26	15	Motorist and cyclist counteract each oth
overtaking	26	27	Bicyclist overtaking motor vehicle
overtaking	137	5	Passing or overtaking another vehicle
overtaking	157	5	Passing or overtaking another vehicle
overturn	11	1	Rollover/Overturn
overturn	37	1	Rollover/Overturn
overturn	136	1	Rollover/Overturn
overturn	164	1	Rollover/Overturn
panel	112	11	Auto based panel (cargo station wagon, a
panel	154	11	Auto based panel (cargo station wagon, a
par	125	0	No jackknife noted on PAR
par	127	0	No fire noted on PAR
par	216	*	PAR ALCOHOL INVOLVEMENT
par	217	*	PAR DRUG INVOLVEMENT
par	226	*	IMP PAR ALC INVOLVEMENT
par	316	*	PAR ALCOHOL INVOLVEMENT
par	317	*	PAR DRUG INVOLVEMENT
par	326	*	IMP PAR ALC INVOLVEMENT
parallel	26	3	Cyclist turns/merges into path from resi
parallel	138	32	From Parallel/Diagonal Parking Lane
parapet	11	34	Bridge Structure (pier/abutment/parapet
parapet	37	34	Bridge Structure (pier/abutment/parapet
parapet	136	34	Bridge Structure (pier/abutment/parapet
parapet	164	34	Bridge Structure (pier/abutment/parapet
paraplegic	215	4	Paraplegic or restricted to wheelchair
paraplegic	315	4	Paraplegic or restricted to wheelchair
parked	11	26	Parked motor vehicle (or other mv not in
parked	26	41	Cyclist struck parked vehicle
parked	37	26	Parked motor vehicle (or other mv not in
parked	105	7	Parked vehicle
parked	136	26	Parked motor vehicle (or motor vehicle n
parked	137	6	Disabled or parked in travel lane
parked	157	6	Disabled or parked in travel lane
parked	164	26	Parked motor vehicle (or motor vehicle n
parking	15	2	On Shoulder or Parking Lane
parking	22	0	No statutory limit (parking lot, alley,
parking	26	29	Parking lot, other open area; crossing p
parking	46	0	No statutory limit (parking lot, alley,
parking	137	13	Backing up (other than parking)
parking	138	32	From Parallel/Diagonal Parking Lane
parking	157	13	Backing up (other than parking)
partial	210	1	Ejected (partial or total)
partial	227	1	Ejected (partial or total)
pass	26	16	Motorist misjudges space required to pas

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
pass	31	1	Group 1 - Crashes involving a towed pass
pass	149	1	Group 1 - Crashes involving a towed pass
pass	221	1	Group 1 - Crashes involving a towed pass
pass	321	1	Group 1 - Crashes involving a towed pass
passenger	107	1	Passengers, occupants
passenger	204	2	Passenger of a motor vehicle in transpor
passenger	205	51	Other passenger in passenger or cargo ar
passenger	229	51	Other passenger in passenger or cargo ar
passing	105	8	Splash or spray of passing vehicle
passing	137	5	Passing or overtaking another vehicle
passing	157	5	Passing or overtaking another vehicle
passive	21	62	Passive devices (stop sign, cross-bucks)
passive	48	62	Passive devices (stop sign, cross-bucks)
passive	207	1	Automatic (Passive)
path	26	1	Cyclist fails to yield at a residential
path	138	34	Entering Intersection - Straight Across
path	141	*	VEH PATH AFTER ACTION
pavement	11	50	Pavement Surface Irregularity (ruts, pot
pavement	37	50	Pavement Surface Irregularity (ruts, pot
pavement	136	50	Pavement surface irregularity (ruts, pot
pavement	164	50	Pavement Surface Irregularity (ruts, pot
pedalcycle	11	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	37	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	164	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	11	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	37	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	106	5	Pedestrian, pedalcyclist, or other non-m
pedalcyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	138	83	Pedalcyclist/Other Non-Motorist in Roadw
pedalcyclist	164	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	304	6	Cyclist (pedalcyclist)
pedestrian	11	21	Pedestrian
pedestrian	26	*	PED/CYCLIST ACC TYPE
pedestrian	37	21	Pedestrian
pedestrian	106	5	Pedestrian, pedalcyclist, or other non-m
pedestrian	136	21	Pedestrian
pedestrian	138	80	Pedestrian in Roadway
pedestrian	164	21	Pedestrian
pedestrian	304	5	Pedestrian
percentage	10	*	PERCENTAGE OF RURAL
perpendicular	26	1	Cyclist fails to yield at a residential
person	27	8	No Person Coded in Crash
person	28	*	NUM INJ PERSONS IN ACC
person	29	8	No Person Coded
person	31	2	Group 2 - Crashes involving a med/hvy tr
person	35	8	No Person Coded
person	41	8	No Person Coded in Crash
person	43	*	I NUM INJ PERSONS IN ACC
person	144	8	No Person Coded in Crash
person	145	98	No person coded
person	146	8	No Person Coded
person	149	2	Group 2 - Crashes involving a med/hvy tr
person	159	8	No Person Coded in Crash
person	163	8	No Person Coded
person	221	2	Group 2 - Crashes involving a med/hvy tr

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
person	321	2	Group 2 - Crashes involving a med/hvy tr
peterbilt	109	87	Peterbilt
peugeot	109	44	Peugeot
phone	107	3	Phone
physical	215	97	Physical impairment - no details
physical	315	*	NMTR PHYSICAL IMPAIRMENT
physically	16	1	Not physically divided (two way trafficw
physically	215	99	Unknown if physically impaired
physically	315	99	Unknown if physically impaired
pickup	112	10	Auto based pickup (includes El Camino, C
pickup	154	10	Auto based pickup (includes El Camino, C
pier	11	34	Bridge Structure (pier/abutment/parapet
pier	37	34	Bridge Structure (pier/abutment/parapet
pier	136	34	Bridge Structure (pier/abutment/parapet
pier	164	34	Bridge Structure (pier/abutment/parapet
placard	117	*	HAZ MATERIAL PLACARD NO
placarded	118	*	HAZ MATERIALS PLACARDED
plates	11	50	Pavement Surface Irregularity (ruts, pot
plates	37	50	Pavement Surface Irregularity (ruts, pot
plates	136	50	Pavement surface irregularity (ruts, pot
plates	164	50	Pavement Surface Irregularity (ruts, pot
play	26	40	Play vehicle (big wheel, tricycle, bicyc
playing	26	430	Playing in roadway
playing	318	29	Playing, working, sitting, lying, standi
plymouth	109	9	Plymouth
plymouth	112	20	Minivan (Astro, Caravan, Plymouth Vista,
plymouth	154	20	Minivan (Astro, Caravan, Plymouth Vista,
pole	11	37	Post, Pole or Support (sign post, utilit
pole	37	37	Post, Pole or Support (sign post, utilit
pole	136	37	Post, Pole or Support (sign post, utilit
pole	164	37	Post, Pole or Support (sign post, utilit
police	30	*	POLICE JURISDICTION
police	116	5	Police
police	148	*	POLICE JURISDICTION
police	216	9	Unknown (police reported)
police	217	9	Unknown (police reported)
police	220	*	POLICE JURISDICTION
police	316	9	Unknown (police reported)
police	317	9	Unknown (police reported)
police	320	*	POLICE JURISDICTION
pontiac	109	22	Pontiac
poor	106	2	Poor road conditions (puddle, ice, pot h
poor	138	5	Poor Road Conditions (puddle, pot hole,
population	9	1	Within area of population 25,000-50,000
porsche	109	45	Porsche
position	137	7	Leaving a parked position
position	157	7	Leaving a parked position
position	205	*	OCC SEATING POSITION
position	229	*	IMP OCC SEATING POSITION
possible	27	1	Possible Injury
possible	41	1	Possible Injury
possible	144	1	Possible Injury
possible	159	1	Possible Injury
possible	213	1	C - possible injury
possible	228	1	C - possible injury
possible	313	1	C - possible injury

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
possible	328	1	C - possible injury
post	11	37	Post, Pole or Support (sign post, utilit
post	37	37	Post, Pole or Support (sign post, utilit
post	136	37	Post, Pole or Support (sign post, utilit
post	164	37	Post, Pole or Support (sign post, utilit
pot	106	2	Poor road conditions (puddle, ice, pot h
pot	138	5	Poor Road Conditions (puddle, pot hole,
potholes	11	50	Pavement Surface Irregularity (ruts, pot
potholes	37	50	Pavement Surface Irregularity (ruts, pot
potholes	136	50	Pavement surface irregularity (ruts, pot
potholes	164	50	Pavement Surface Irregularity (ruts, pot
pound	154	30	Compact pickup (<4,500 lbs GVWR)
power	123	5	Power train - universal joint, drive sha
pre-crash	26	1	Cyclist fails to yield at a residential
presence	103	*	DRIVER PRESENCE
previous	137	18	Successful corrective action to a previo
previous	157	18	Successful corrective action to a previo
previous	215	5	Impaired due to previous injury
previous	315	5	Impaired due to previous injury
profile	19	*	ROADWAY PROFILE
profile	44	*	IMPUTED ROADWAY PROFILE
proper	318	4	Failure to keep in proper lane or runnin
psu	32	*	PSU NUMBER
psu	150	*	PSU NUMBER
psu	222	*	PSU NUMBER
psu	322	*	PSU NUMBER
puddle	106	2	Poor road conditions (puddle, ice, pot h
puddle	138	5	Poor Road Conditions (puddle, pot hole,
pursuit	26	230	Hot pursuit
pushing	318	26	Non-motorist pushing vehicle
radio	107	2	Vehicle instrument display (radio, casse
rail	11	34	Bridge Structure (pier/abutment/parapet
rail	14	5	Rail Grade Crossing
rail	37	34	Bridge Structure (pier/abutment/parapet
rail	45	5	Rail Grade Crossing
railway	11	23	Railway train
railway	37	23	Railway train
railway	136	23	Railway train
railway	164	23	Railway train
rain	24	2	Rain
rain	49	2	Rain
rain	105	1	Rain, snow, fog, smoke, sand, dust
rambler	110	+	Rambler/American
ramcharger	112	15	Large Utility (Jeep Cherokee, Ramcharger
ramcharger	154	15	Large Utility (Jeep Cherokee, Ramcharger
ramp	14	4	Entrance/Exit Ramp
ramp	45	4	Entrance/Exit Ramp
ramp	138	42	Entering From "Yield" Entrance (Ramp/Cha
rancho	112	10	Auto based pickup (includes El Camino, C
rancho	154	10	Auto based pickup (includes El Camino, C
rear-end	12	1	Rear-end
rear-end	40	1	Rear-end
rear-to-rear	12	3	Rear-to-rear
rear-to-rear	40	3	Rear-to-rear
reason	138	9	Other or Unknown Reason
reckless	104	4	Reckless driving

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
reckless	161	4	Reckless driving
reckless	318	6	Operating the vehicle in erratic, reckle
red	26	9	Motorist obeys intersection stop sign or
reflected	105	2	Reflected glare, bright sunlight, headli
reflective	309	2	Reflective equipment
refuse	113	8	Garbage/Refuse
region	33	*	REGION OF COUNTRY
region	151	*	REGION OF COUNTRY
region	223	*	REGION OF COUNTRY
region	323	*	REGION OF COUNTRY
related	14	2	Intersection Related
related	21	23	School zone related sign
related	24	1	No adverse atmospheric related driving c
related	25	*	SCH BUS RELATED TO ACC
related	26	140	Mailbox related
related	45	2	Intersection Related
related	48	23	School zone related sign
related	49	1	No adverse atmospheric related driving c
relation	14	*	RELATION TO JUNCTION
relation	15	*	RELATION TO ROADWAY
relation	45	*	IMP RELATION TO JUNCTION
release	119	*	HAZ MATERIALS RELEASE
renault	109	46	Renault
renegade	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
renegade	154	14	Utility (includes Jeep CJ-5, Renegade, L
reo	109	81	Diamond Reo, Reo
reported	121	97	Unknown - only injury reported
reported	216	8	Not reported
reported	217	8	Not reported
reported	226	8	Not reported
reported	316	8	Not reported
reported	317	8	Not reported
reported	326	8	Not reported
required	26	16	Motorist misjudges space required to pas
required	318	1	Failing to have lights on when required
requires	215	3	Requires cane or crutches
requires	315	3	Requires cane or crutches
rescue	112	40	Cab chassis based (includes rescue vehic
rescue	154	40	Cab chassis based (includes rescue vehic
resident	147	0	Not resident of U.S. or territories/Driv
residential	26	1	Cyclist fails to yield at a residential
restraint	105	13	Head restraints
restraint	206	*	OCC RESTRAINT SYSTEM USE
restraint	207	*	OCC RESTRAINT TYPE
restricted	215	4	Paraplegic or restricted to wheelchair
restricted	315	4	Paraplegic or restricted to wheelchair
revoked	104	5	Driving with a suspended or revoked lice
revoked	161	5	Driving with a suspended or revoked lice
ride	26	49	Ride out - intersection
riding	26	21	Cyclist riding on wrong side of street m
riding	205	53	Riding on vehicle exterior
riding	229	53	Riding on vehicle exterior
right	26	10	Motorist obeys intersection signal, but
right	128	11	Front right corner
right	137	10	Turning right
right	138	11	Over Right Edge of Roadway

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	139	3	Steered to Right
right	156	11	Front right corner
right	157	10	Turning right
right	205	13	Front seat - right side
right	229	13	Front seat - right side
right	318	7	Failure to yield right of way
right-of-way	104	6	Failure to yield right-of-way
right-of-way	161	6	Failure to yield right-of-way
rightside	128	2	Rightside
rightside	129	2	Rightside
rightside	130	2	Rightside
rightside	131	2	Rightside
rightside	132	2	Rightside
rightside	133	2	Rightside
rightside	156	2	Rightside
road	21	41	Warning Sign for Road Conditions (hill,
road	48	41	Warning Sign for Road Conditions (hill,
road	106	1	Object in road
road	138	5	Poor Road Conditions (puddle, pot hole,
road	318	4	Failure to keep in proper lane or runnin
roadway	15	*	RELATION TO ROADWAY
roadway	18	*	ROADWAY ALIGNMENT
roadway	19	*	ROADWAY PROFILE
roadway	20	*	ROADWAY SURFACE COND
roadway	26	1	Cyclist fails to yield at a residential
roadway	36	*	IMP ROADWAY ALIGNMENT
roadway	44	*	IMPUTED ROADWAY PROFILE
roadway	47	*	IMP ROADWAY SURFACE COND
roadway	138	10	Over Left Edge of Roadway
roadway	141	2	Vehicle Stayed On Roadway But Left Trave
roadway	318	22	Improper crossing of roadway or intersec
roadway	319	2	Intersection - on roadway
rod	123	3	Steering system - tie rod, kingpin, ball
role	142	*	VEHICLE ROLE
role	162	*	IMPUTED VEHICLE ROLE
rollover	11	1	Rollover/Overturn
rollover	37	1	Rollover/Overturn
rollover	126	*	ROLLOVER
rollover	136	1	Rollover/Overturn
rollover	143	97	Untripped rollover
rollover	164	1	Rollover/Overturn
romeo	109	31	Alfa Romeo
roof	112	1	Convertible (excludes sun roof, t-bar)
roof	154	1	Convertible (excludes sun roof, t-bar)
rotated	140	2	Vehicle Rotated (Yawed) Clockwise
rotation	140	4	Vehicle Slid/Skid Longitudinally - No Ro
run	104	50	Hit & run (and no information)
run	106	50	Hit & run (and no information)
run	107	50	Hit & run (and no information)
run	161	50	Hit & run (and no information)
running	104	7	Running a traffic signal or stop sign
running	161	7	Running a traffic signal or stop sign
running	318	4	Failure to keep in proper lane or runnin
rural	10	*	PERCENTAGE OF RURAL
rut	11	50	Pavement Surface Irregularity (ruts, pot
rut	37	50	Pavement Surface Irregularity (ruts, pot

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
rut	136	50	Pavement surface irregularity (ruts, pot
rut	164	50	Pavement Surface Irregularity (ruts, pot
saab	109	47	Saab
safari	112	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	154	20	Minivan (Astro, Caravan, Plymouth Vista,
safety	206	6	Child safety seat
safety	309	*	NON-MOT SAFETY EQUIP USE
safety	318	8	Failure to obey traffic signs/control de
sand	20	5	Sand, dirt, oil
sand	24	8	Other (smog, smoke, blowing sand/dust/sn
sand	47	5	Sand, dirt, oil
sand	49	8	Other (smog, smoke, blowing sand/dust/sn
sand	105	1	Rain, snow, fog, smoke, sand, dust
saturday	4	7	Saturday
saturday	50	7	Saturday
saturn	109	24	Saturn
scene	108	0	No, did not leave scene
scene	135	*	MANNER OF LEAVING SCENE
scene	155	0	No, did not leave scene
school	21	23	School zone related sign
school	25	*	SCH BUS RELATED TO ACC
school	26	120	School bus
school	48	23	School zone related sign
school	112	24	Van Based School Bus
school	116	2	Vehicle used as school bus
school	154	24	Van based School Bus
seat	205	11	Front seat - left side (driver's side)
seat	206	6	Child safety seat
seat	229	11	Front seat - left side (driver's side)
seating	123	13	Driver seating and control
seating	205	*	OCC SEATING POSITION
seating	229	*	IMP OCC SEATING POSITION
section	205	50	Sleeper section of cab (truck)
section	229	50	Sleeper section of cab (truck)
sedan	112	2	2-door sedan, hardtop, coupe
sedan	154	2	2-door sedan, hardtop, coupe
september	2	9	September
sev	41	*	IMP MAX INJ SEV. IN ACC
sev	159	*	IMP MAX INJ SEV. IN VEH
severe	134	3	Disabling (severe)
severity	27	*	MAX INJ SEVERITY IN ACC
severity	41	5	Unknown Injury Severity
severity	134	*	DAMAGE SEVERITY
severity	144	*	MAX INJ SEVERITY IN VEH
severity	159	5	Unknown Injury Severity
severity	213	*	OCC INJURY SEVERITY
severity	228	*	IMP OCC INJURY SEVERITY
severity	313	*	NMTR INJURY SEVERITY
severity	328	*	IMP NMTR INJURY SEVERITY
sex	212	*	OCCUPANT SEX
sex	230	*	IMPUTED OCCUPANT SEX
sex	312	*	NON-MOTORIST SEX
sex	330	*	IMPUTED NON-MOTORIST SEX
shaft	123	5	Power train - universal joint, drive sha
shock	123	4	Suspension - springs, shock absorbers, m
shoulder	15	2	On Shoulder or Parking Lane

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
shoulder	26	4	Cyclist fails to yield at a midblock loc
shoulder	206	1	Lap/shoulder belt
shrubbery	11	44	Shrubbery or bush
shrubbery	37	44	Shrubbery or bush
shrubbery	136	44	Shrubbery or bush
shrubbery	164	44	Shrubbery or bush
side	26	21	Cyclist riding on wrong side of street m
side	112	12	Large Limousine (more than four side doo
side	154	12	Large Limousine (more than four side doo
side	205	11	Front seat - left side (driver's side)
side	229	11	Front seat - left side (driver's side)
side	318	10	Driving on wrong side of road
sideswipe	12	5	Sideswipe, same direction
sideswipe	40	5	Sideswipe, same direction
sign	11	37	Post, Pole or Support (sign post, utilit
sign	21	21	Stop sign
sign	26	9	Motorist obeys intersection stop sign or
sign	37	37	Post, Pole or Support (sign post, utilit
sign	48	21	Stop sign
sign	104	7	Running a traffic signal or stop sign
sign	105	4	Building, billboard, or other design fea
sign	136	37	Post, Pole or Support (sign post, utilit
sign	161	7	Running a traffic signal or stop sign
sign	164	37	Post, Pole or Support (sign post, utilit
sign	318	8	Failure to obey traffic signs/control de
signal	21	1	Traffic control signal (on colors)
signal	26	10	Motorist obeys intersection signal, but
signal	48	1	Traffic control signal (on colors)
signal	104	7	Running a traffic signal or stop sign
signal	123	8	Signal lights
signal	161	7	Running a traffic signal or stop sign
single	112	64	Single unit straight truck
single	139	98	Other single or multiple corrective acti
single	154	64	Single unit straight truck
sitting	318	29	Playing, working, sitting, lying, standi
skid	140	4	Vehicle Slid/Skid Longitudinally - No Ro
sleeper	205	50	Sleeper section of cab (truck)
sleeper	229	50	Sleeper section of cab (truck)
sleepy	215	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	315	2	Drowsy, sleepy, fell asleep, fatigued
sleet	24	3	Sleet
sleet	49	3	Sleet
slid	140	4	Vehicle Slid/Skid Longitudinally - No Ro
slide-in	112	32	Pickup with slide-in camper
slide-in	154	32	Pickup with slide-in camper
slowed	139	1	Braked/Slowed
slowing	137	2	Slowing or stopping in traffic lane
slowing	157	2	Slowing or stopping in traffic lane
slush	20	3	Snow or slush
slush	47	3	Snow or slush
smog	24	8	Other (smog, smoke, blowing sand/dust/sn
smog	49	8	Other (smog, smoke, blowing sand/dust/sn
smoke	24	8	Other (smog, smoke, blowing sand/dust/sn
smoke	49	8	Other (smog, smoke, blowing sand/dust/sn
smoke	105	1	Rain, snow, fog, smoke, sand, dust
snow	20	3	Snow or slush

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
snow	24	4	Snow
snow	47	3	Snow or slush
snow	49	4	Snow
snow	105	1	Rain, snow, fog, smoke, sand, dust
snowmobile	112	91	Snowmobile
snowmobile	154	91	Snowmobile
soft	126	23	Tripped Rollover - By Soft Soil
soil	126	23	Tripped Rollover - By Soft Soil
south	33	3	South
south	151	3	South
south	223	3	South
south	323	3	South
space	26	16	Motorist misjudges space required to pas
special	116	*	SPECIAL USE
specific	206	8	Restraint used - specifics unknown or ot
speed	21	40	Advisory Speed Sign
speed	22	*	SPEED LIMIT
speed	46	*	IMPUTED SPEED LIMIT
speed	48	40	Advisory Speed Sign
speed	122	*	TRAVEL SPEED
speed	138	6	Excessive Speed
speeding	104	2	Speeding
speeding	161	2	Speeding
splash	105	8	Splash or spray of passing vehicle
sportvan	112	21	Large van (Sportvan, Chevy Van, Club Wag
sportvan	154	21	Large van (Sportvan, Chevy Van, Club Wag
spped	138	21	Traveling in Same Direction With Lower S
spray	105	8	Splash or spray of passing vehicle
spring	123	4	Suspension - springs, shock absorbers, m
stake	112	40	Cab chassis based (includes rescue vehic
stake	154	40	Cab chassis based (includes rescue vehic
stalled	138	2	Stalled Engine
standing	26	7	Cyclist fails to clear intersection; mot
standing	318	29	Playing, working, sitting, lying, standi
starting	137	3	Starting in traffic lane
starting	157	3	Starting in traffic lane
station	112	6	Station Wagon (excluding van and truck b
station	154	6	Station Wagon (excluding van and truck b
statutory	22	0	No statutory limit (parking lot, alley,
statutory	46	0	No statutory limit (parking lot, alley,
stayed	141	1	Vehicle Stayed In Travel Lane Where Corr
steady	138	21	Traveling in Same Direction With Lower S
steep	21	41	Warning Sign for Road Conditions (hill,
steep	48	41	Warning Sign for Road Conditions (hill,
steered	139	2	Steered to Left
steering	123	3	Steering system - tie rod, kingpin, ball
step	112	22	Step van or walk-in van
step	154	22	Step van or walk-in van
sterling	109	61	Sterling
stopped	122	0	Stopped vehicle
stopped	137	4	Stopped in traffic lane
stopped	138	20	Stopped
stopped	157	4	Stopped in traffic lane
stopping	137	2	Slowing or stopping in traffic lane
stopping	157	2	Slowing or stopping in traffic lane
straight	18	1	Straight

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
straight	36	1	Straight
straight	112	64	Single unit straight truck
straight	137	1	Going straight
straight	138	34	Entering Intersection - Straight Across
straight	154	64	Single unit straight truck
straight	157	1	Going straight
stratum	31	*	STRATUM
stratum	149	*	STRATUM
stratum	221	*	STRATUM
stratum	321	*	STRATUM
street	26	21	Cyclist riding on wrong side of street m
street	112	97	Other type vehicle (e.g., go-cart, fork
street	154	97	Other type vehicle (e.g., go-cart, fork
stretch	112	12	Large Limousine (more than four side doo
stretch	154	12	Large Limousine (more than four side doo
strikes	26	17	Cyclist's path obstructed; cyclist strik
striking	142	1	Striking
striking	162	1	Striking
strip	16	2	Divided highway (median strip, barrier)
struck	26	41	Cyclist struck parked vehicle
struck	142	2	Struck
struck	162	2	Struck
structure	11	34	Bridge Structure (pier/abutment/parapet
structure	37	34	Bridge Structure (pier/abutment/parapet
structure	136	34	Bridge Structure (pier/abutment/parapet
structure	164	34	Bridge Structure (pier/abutment/parapet
struts	123	4	Suspension - springs, shock absorbers, m
student	112	50	School bus (designed to carry students,
student	154	50	School bus (designed to carry students,
style	112	39	Unknown (pickup style) light conventiona
style	154	39	Unknown (pickup style) light conventiona
subaru	109	48	Subaru
suburban	112	16	Utility Station Wagon (Chev. Suburban, G
suburban	154	16	Utility Station Wagon (Chev. Suburban, G
successful	137	18	Successful corrective action to a previo
successful	157	18	Successful corrective action to a previo
sun	112	1	Convertible (excludes sun roof, t-bar)
sun	154	1	Convertible (excludes sun roof, t-bar)
sunday	4	1	Sunday
sunday	50	1	Sunday
sunlight	105	2	Reflected glare, bright sunlight, headli
support	11	37	Post, Pole or Support (sign post, utilit
support	37	37	Post, Pole or Support (sign post, utilit
support	136	37	Post, Pole or Support (sign post, utilit
support	164	37	Post, Pole or Support (sign post, utilit
surface	11	50	Pavement Surface Irregularity (ruts, pot
surface	20	*	ROADWAY SURFACE COND
surface	37	50	Pavement Surface Irregularity (ruts, pot
surface	47	*	IMP ROADWAY SURFACE COND
surface	136	50	Pavement surface irregularity (ruts, pot
surface	164	50	Pavement Surface Irregularity (ruts, pot
suspended	104	5	Driving with a suspended or revoked lice
suspended	161	5	Driving with a suspended or revoked lice
suspension	123	4	Suspension - springs, shock absorbers, m
suzuki	109	53	Suzuki
swamp	154	90	ATV (all terrain vehicle including dune/

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
sweeper	112	97	Other type vehicle (e.g., go-cart, fork
sweeper	154	97	Other type vehicle (e.g., go-cart, fork
swerves	26	20	Cyclist loses control and swerves into p
swings	26	32	Bicyclist swings wide when turning right
system	105	9	Inadequate defrost or defog system
system	123	2	Brake system
system	206	*	OCC RESTRAINT SYSTEM USE
t-bar	112	1	Convertible (excludes sun roof, t-bar)
t-bar	154	1	Convertible (excludes sun roof, t-bar)
taken	214	*	TAKEN TO HOSP/TREATMENT
taken	314	*	TAKEN TO HOSP/TREATMENT
talking	318	24	Inattentive (talking, eating, etc.)
tank	113	3	Cargo Tank
taxi	116	1	Taxi
terrain	112	90	ATV (all terrain vehicle) and ATC (all t
terrain	154	90	ATV (all terrain vehicle including dune/
territories	147	0	Not resident of U.S. or territories/Driv
threat	26	710	Multiple threat intersection
thrown	11	10	Thrown or falling object
thrown	37	10	Thrown or falling object
thrown	136	10	Thrown or falling object
thrown	164	10	Thrown or falling object
thursday	4	5	Thursday
thursday	50	5	Thursday
tie	123	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	123	1	Tires
tire	138	1	Blow Out or Flat Tire
top	128	5	Top
top	129	5	Top
top	130	5	Top
top	131	5	Top
top	132	5	Top
top	133	5	Top
top	156	5	Top
total	210	1	Ejected (partial or total)
total	227	1	Ejected (partial or total)
tow	112	40	Cab chassis based (includes rescue vehic
tow	154	40	Cab chassis based (includes rescue vehic
towed	31	1	Group 1 - Crashes involving a towed pass
towed	135	2	Towed due to damage
towed	149	1	Group 1 - Crashes involving a towed pass
towed	221	1	Group 1 - Crashes involving a towed pass
towed	321	1	Group 1 - Crashes involving a towed pass
toyota	109	49	Toyota
traffic	11	36	Concrete traffic barrier or other longit
traffic	21	*	TRAFFIC CONTROL DEVICE
traffic	26	7	Cyclist fails to clear intersection; mot
traffic	37	36	Concrete traffic barrier or other longit
traffic	48	*	I TRAFFIC CONTROL DEVICE
traffic	104	7	Running a traffic signal or stop sign
traffic	136	36	Concrete traffic barrier or other longit
traffic	137	2	Slowing or stopping in traffic lane

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
traffic	157	2	Slowing or stopping in traffic lane
traffic	161	7	Running a traffic signal or stop sign
traffic	164	36	Concrete traffic barrier or other longit
traffic	318	8	Failure to obey traffic signs/control de
trafficway	16	*	TRAFFICWAY FLOW
trafficway	318	5	Making improper entry to or exit from tr
trail	114	*	NO OF AXLES ON VEH/TRAIL
trailduster	112	15	Large Utility (Jeep Cherokee, Ramcharger
trailduster	154	15	Large Utility (Jeep Cherokee, Ramcharger
trailer	123	15	Trailer hitch
trailer	124	*	VEHICLE TRAILERING
trailing	112	66	Truck-tractor (cab only, or with any num
trailing	124	1	Yes, one trailing unit
trailing	154	66	Truck-tractor (cab only, or with any num
trailing	205	52	Trailing unit
trailing	229	52	Trailing unit
train	11	23	Railway train
train	37	23	Railway train
train	123	5	Power train - universal joint, drive sha
train	136	23	Railway train
train	164	23	Railway train
training	26	40	Play vehicle (big wheel, tricycle, bicyc
transit	112	50	School bus (designed to carry students,
transit	154	50	School bus (designed to carry students,
transmission	123	5	Power train - universal joint, drive sha
transport	11	25	Motor vehicle in transport
transport	12	0	Not collision with vehicle in transport
transport	37	25	Motor vehicle in transport
transport	40	0	Not collision with vehicle in transport
transport	136	25	Motor vehicle in transport
transport	164	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	319	0	Not applicable - driver or occupant of M
transporter	113	7	Auto Transporter
trapped	26	740	Trapped
travel	17	*	NUMBER OF TRAVEL LANES
travel	122	*	TRAVEL SPEED
travel	137	6	Disabled or parked in travel lane
travel	141	1	Vehicle Stayed In Travel Lane Where Corr
travel	157	6	Disabled or parked in travel lane
traveling	138	21	Traveling in Same Direction With Lower S
treatment	214	*	TAKEN TO HOSP/TREATMENT
treatment	314	*	TAKEN TO HOSP/TREATMENT
tree	11	45	Tree
tree	37	45	Tree
tree	105	5	Trees, crops, vegetation
tree	136	45	Tree
tree	164	45	Tree
tricycle	26	40	Play vehicle (big wheel, tricycle, bicyc
tripped	126	20	Tripped Rollover - By Curb
triumph	109	50	Triumph
trks	31	1	Group 1 - Crashes involving a towed pass
trks	149	1	Group 1 - Crashes involving a towed pass
trks	221	1	Group 1 - Crashes involving a towed pass
trks	321	1	Group 1 - Crashes involving a towed pass

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
truck	31	1	Group 1 - Crashes involving a towed pass
truck	109	98	Other (truck or bus)
truck	112	6	Station Wagon (excluding van and truck b
truck	116	7	Fire truck and car
truck	149	1	Group 1 - Crashes involving a towed pass
truck	154	6	Station Wagon (excluding van and truck b
truck	205	50	Sleeper section of cab (truck)
truck	221	1	Group 1 - Crashes involving a towed pass
truck	229	50	Sleeper section of cab (truck)
truck	321	1	Group 1 - Crashes involving a towed pass
truck-tractor	112	66	Truck-tractor (cab only, or with any num
truck-tractor	154	66	Truck-tractor (cab only, or with any num
tuesday	4	3	Tuesday
tuesday	50	3	Tuesday
turning	26	31	Bicyclist cuts corner when turning left;
turning	137	10	Turning right
turning	138	33	Entering Intersection - Turning Into Sam
turning	157	10	Turning right
u-turn	137	12	Making U-turn
u-turn	157	12	Making U-turn
unattended	103	0	Unattended vehicle (driverless or no dri
uncontrolled	26	25	Vehicles collided at uncontrolled inters
undercarriage	128	6	Undercarriage
undercarriage	129	6	Undercarriage
undercarriage	130	6	Undercarriage
undercarriage	131	6	Undercarriage
undercarriage	132	6	Undercarriage
undercarriage	133	6	Undercarriage
undercarriage	156	6	Undercarriage
unit	112	64	Single unit straight truck
unit	124	1	Yes, one trailing unit
unit	154	64	Single unit straight truck
unit	205	52	Trailing unit
unit	229	52	Trailing unit
universal	123	5	Power train - universal joint, drive sha
unkown	21	49	Unkown Type Warning
unkown	48	49	Unkown Type Warning
untripped	126	10	Untripped Rollover
untripped	143	97	Untripped rollover
urban	10	0	Urban
util	31	1	Group 1 - Crashes involving a towed pass
util	149	1	Group 1 - Crashes involving a towed pass
util	221	1	Group 1 - Crashes involving a towed pass
util	321	1	Group 1 - Crashes involving a towed pass
utility	11	37	Post, Pole or Support (sign post, utilit
utility	37	37	Post, Pole or Support (sign post, utilit
utility	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
utility	136	37	Post, Pole or Support (sign post, utilit
utility	154	14	Utility (includes Jeep CJ-5, Renegade, L
utility	164	37	Post, Pole or Support (sign post, utilit
van	31	1	Group 1 - Crashes involving a towed pass
van	112	6	Station Wagon (excluding van and truck b
van	113	2	Van/Enclosed Box
van	149	1	Group 1 - Crashes involving a towed pass
van	154	6	Station Wagon (excluding van and truck b
van	221	1	Group 1 - Crashes involving a towed pass

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
van	321	1	Group 1 - Crashes involving a towed pass
vegetation	105	5	Trees, crops, vegetation
vendor	26	130	Vendor
view	26	6	Cyclist fails to clear intersection; mot
vin	115	*	VIN
violation	26	760	Driver violation
violation	104	*	VIOLATIONS CHARGED
violation	161	*	IMP VIOLATIONS CHARGED
vision	105	*	VISION OBSCURED BY
vista	112	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	154	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	109	30	Volkswagen
volvo	109	51	Volvo
wagon	112	6	Station Wagon (excluding van and truck b
wagon	154	6	Station Wagon (excluding van and truck b
wagoneer	112	16	Utility Station Wagon (Chev. Suburban, G
wagoneer	154	16	Utility Station Wagon (Chev. Suburban, G
waiting	26	610	Waiting to cross
walk-in	112	22	Step van or walk-in van
walk-in	154	22	Step van or walk-in van
walked	26	750	Pedestrian walked into vehicle - interse
walking	26	531	Walking along roadway - with traffic
walking	318	27	Walking with traffic
wall	11	42	Wall
wall	37	42	Wall
wall	136	42	Wall
wall	164	42	Wall
warning	21	41	Warning Sign for Road Conditions (hill,
warning	48	41	Warning Sign for Road Conditions (hill,
wednesday	4	4	Wednesday
wednesday	50	4	Wednesday
week	4	*	ACCIDENT DAY OF WEEK
week	50	*	IMP ACC DAY OF WEEK
weight	34	*	WEIGHT
weight	152	*	WEIGHT
weight	154	66	Truck-tractor (cab only, or with any num
weight	224	*	WEIGHT
weight	324	*	WEIGHT
weird	26	36	Weird
west	33	4	West
west	151	4	West
west	223	4	West
west	323	4	West
wet	20	2	Wet
wet	47	2	Wet
wheel	26	40	Play vehicle (big wheel, tricycle, bicyc
wheel	123	11	Wheels
wheel	138	3	Disabling Vehicle Failure (e.g. wheel fe
wheelchair	215	4	Paraplegic or restricted to wheelchair
wheelchair	315	4	Paraplegic or restricted to wheelchair
wheeled	112	13	Three wheeled automobile or automobile d
wheeled	154	13	Three wheeled automobile or automobile d
which	31	3	Group 3 - Crashes not involving a towed
which	138	19	Unknown Which Edge
which	149	3	Group 3 - Crashes not involving a towed
which	221	3	Group 3 - Crashes not involving a towed

GES 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
which	321	3	Group 3 - Crashes not involving a towed
white	109	82	Freightliner, White
wide	26	32	Bicyclist swings wide when turning right
wind	21	43	Warning Sign for Environment/Traffic (Fo
wind	48	43	Warning Sign for Environment/Traffic (Fo
windshield	105	14	Broken or improperly cleaned windshield
wiper	123	10	Wipers
working	26	410	Working on roadway
working	318	29	Playing, working, sitting, lying, standi
wrong	26	21	Cyclist riding on wrong side of street m
wrong	318	10	Driving on wrong side of road
wrong-way	26	26	Vehicles collide head-on; wrong-way bicy
yamaha	109	76	Yamaha
yawed	140	2	Vehicle Rotated (Yawed) Clockwise
year	3	*	ACCIDENT DATE - YEAR
year	111	*	MODEL YEAR
year	158	*	IMPUTED MODEL YEAR
year	211	0	Up to one year
year	225	0	Up to one year
year	311	0	Up to one year
year	325	0	Up to one year
yield	21	22	Yield sign
yield	26	1	Cyclist fails to yield at a residential
yield	48	22	Yield sign
yield	104	6	Failure to yield right-of-way
yield	161	6	Failure to yield right-of-way
yield	318	7	Failure to yield right of way
yugo	109	57	Yugo
zip	147	*	DRIVERS ZIP CODE
zone	21	23	School zone related sign
zone	48	23	School zone related sign
zone	318	8	Failure to obey traffic signs/control de
2-door	112	2	2-door sedan, hardtop, coupe
2-door	154	2	2-door sedan, hardtop, coupe
3-door	112	3	3-door/2-door hatchback
3-door	154	3	3-door/2-door hatchback
4-door	112	4	4-door sedan, hardtop
4-door	154	4	4-door sedan, hardtop
5-door	112	5	5-door/4-door hatchback
5-door	154	5	5-door/4-door hatchback

