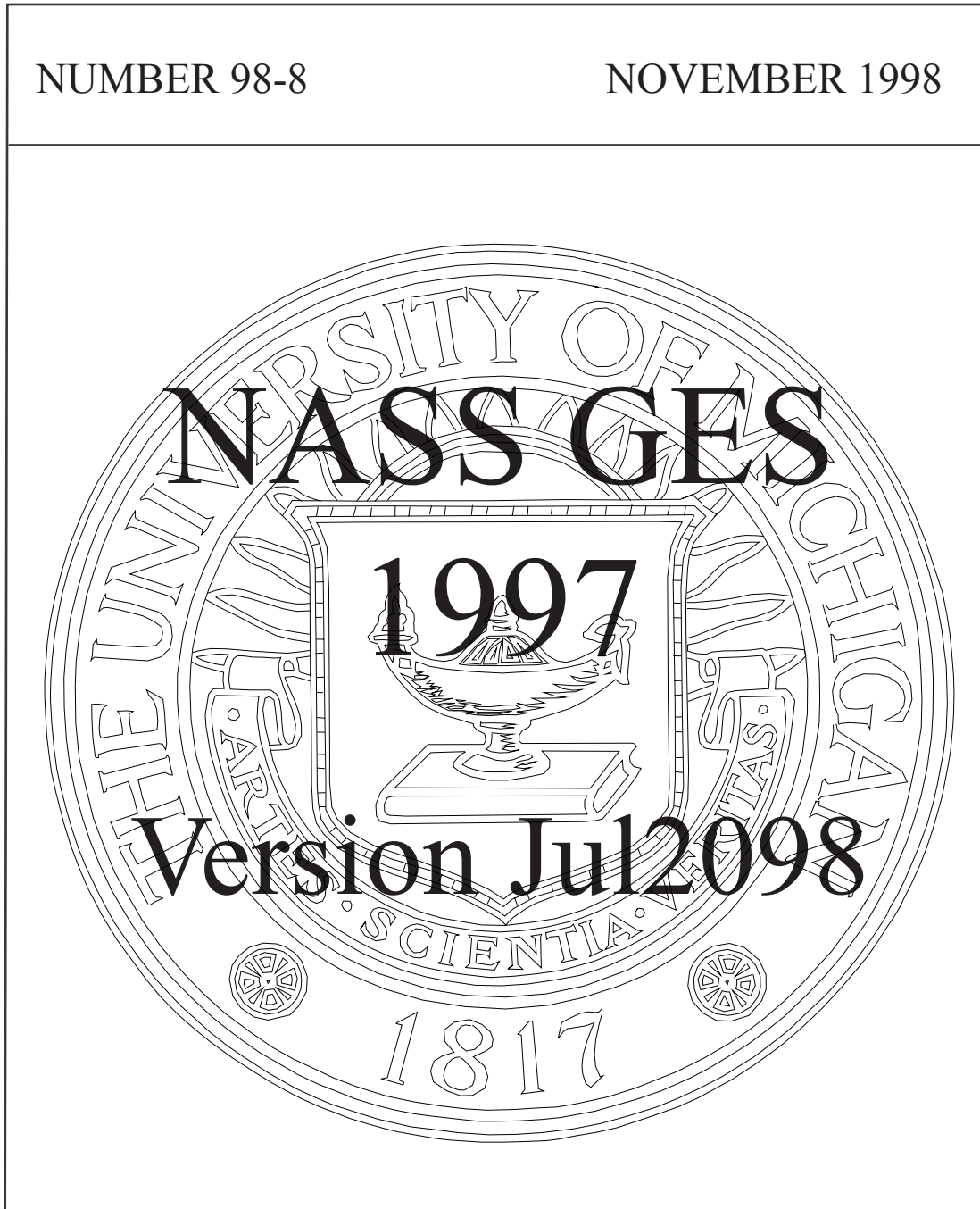


Transportation Data Center  
Data Set Codebook

NUMBER 98-8

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The University of Michigan  
Transportation Research Institute



GENERAL ESTIMATES SYSTEMS (GES)

1997 Code Book - Version 072098

Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 1997. The data sets were generated by the Transportation Data Center at the University of Michigan's Transportation Research Institute (UMTRI) from data collected by the National Center for Statistics and Analysis (NCSA) of the National Highway Traffic Safety Administration (NHTSA). The cooperation of NHTSA is gratefully acknowledged. These data are a copy of the NHTSA files made on July 20, 1998.

The data are a sample of the 1997 motor vehicle accidents for which candidate accidents were chosen with varying probabilities according to a scheme detailed in the Users Manual.<sup>1</sup> 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.

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<sup>1</sup> National Center for Statistics and Analysis, National Automotive Sampling System (NASS) GENERAL ESTIMATES SYSTEM (GES), Analytical User's Manual, 1988 - 1997 File.

In the 1997 GES file there are 344 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	GES97ACC	55,562	1-52
Vehicle	GES97VEH	100,032	1-52,101-195
Occupant	GES97OCC	142,366	1-52,101-195,201-230
Nonmotorist	GES97NMT	3,524	1-52,101-195,201-230,301-330

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 GES97VEH, non-motorist frequencies from GES97NMT, etc.). Starting with the 1997 GES data the non-motorist file now contains the record for the vehicle that struck the nonmotorist, when known.

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, 150, 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)  
1997 - 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	FILLER	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	5
15	RELATION TO ROADWAY	1	Numeric	6
16	TRAFFICWAY FLOW	1	Numeric	6
17	NUMBER OF TRAVEL LANES	1	Numeric	6
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	13
29	ALCOHOL INVOLVED IN ACC	1	Numeric	13
30	POLICE JURISDICTION	3	Numeric	13
31	STRATUM	1	Numeric	13
32	PSU NUMBER	2	Numeric	14
33	REGION OF COUNTRY	1	Numeric	14
34	WEIGHT	7	Numeric	14
35	WORK ZONE	1	Numeric	14
36	NHS ROADWAY TYPE	2	Numeric	14
37	IMP ALC INVOLVED IN ACC	1	Numeric	15
38	IMP ROADWAY ALIGNMENT	1	Numeric	16
39	IMP FIRST HARMFUL EVENT	2	Numeric	16
40	IMP ACCIDENT TIME - HOUR	2	Numeric	17
41	IMP LIGHT CONDITION	1	Numeric	18
42	IMP MANNER OF COLLISION	1	Numeric	18
43	IMP MAX INJ SEV. IN ACC	1	Numeric	18
44	IMP ACC TIME - MINUTE	2	Numeric	19
45	I NUM INJ PERSONS IN ACC	2	Numeric	19
46	IMPUTED ROADWAY PROFILE	1	Numeric	19
47	IMP RELATION TO JUNCTION	2	Numeric	19
48	IMPUTED SPEED LIMIT	2	Numeric	20
49	IMP ROADWAY SURFACE COND	1	Numeric	20
50	I TRAFFIC CONTROL DEVICE	2	Numeric	20

General Estimates System (GES)  
1997 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	I ATMOSPHERIC CONDITION	1	Numeric	21
52	I ACCIDENT DAY OF WEEK	1	Numeric	22



General Estimates System (GES)  
1997 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE NUMBER	8	Numeric	23
102	VEHICLE NUMBER	2	Numeric	23
103	DRIVER PRESENCE	1	Numeric	23
104	VIOLATIONS CHARGED	2	Numeric	23
105	VISION OBSCURED BY	2	Numeric	24
106	DRIVER MANEUVER TO AVOID	2	Numeric	24
107	DRIVER DISTRACTED BY	2	Numeric	25
108	HIT-AND-RUN	1	Numeric	25
109	MAKE	2	Numeric	25
110	MAKE/MODEL	5	Numeric	27
111	MODEL YEAR	2	Numeric	53
112	BODY TYPE	2	Numeric	53
113	CARGO BODY TYPE	2	Numeric	55
114	NO OF AXLES ON VEH/TRAIL	2	Numeric	56
115	VIN	11	Alphabetic	56
116	SPECIAL USE	2	Numeric	56
117	HAZ MATERIAL PLACARD NO	5	Numeric	57
118	HAZ MATERIALS PLACARDED	1	Numeric	57
119	HAZ MATERIALS RELEASE	1	Numeric	57
120	EMERGENCY USE	1	Numeric	58
121	NUM OCC INVOLVED IN VEH	2	Numeric	58
122	TRAVEL SPEED	2	Numeric	58
123	VEHICLE CONTRIB FACTORS	2	Numeric	58
124	VEHICLE TRAILERING	1	Numeric	59
125	JACKKNIFE	1	Numeric	59
126	ROLLOVER	2	Numeric	59
127	FIRE OCCURRENCE	1	Numeric	60
128	INITIAL POINT OF IMPACT	2	Numeric	60
129	DAMAGE AREA #1	1	Numeric	60
130	DAMAGE AREA #2	1	Numeric	61
131	DAMAGE AREA #3	1	Numeric	61
132	DAMAGE AREA #4	1	Numeric	61
133	DAMAGE AREA #5	1	Numeric	62
134	DAMAGE SEVERITY	1	Numeric	62
135	MANNER OF LEAVING SCENE	1	Numeric	62
136	MOST HARMFUL EVENT	2	Numeric	62
137	PRIOR TO CRITICAL EVENT	2	Numeric	63
138	CRITICAL EVENT	3	Numeric	64
139	CORRECTIVE ACTION ATTEMP	2	Numeric	66
140	PRECRASH VEHICLE CONTROL	2	Numeric	67
141	PRECRASH LOCATION	2	Numeric	67
142	VEHICLE ROLE	1	Numeric	67
143	ACCIDENT TYPE	2	Numeric	68
144	MAX INJ SEVERITY IN VEH	1	Numeric	68
145	NUMBER INJURED IN VEH	2	Numeric	68
146	ALCOHOL INVOLVED IN VEH	1	Numeric	69
147	DRIVERS ZIP CODE	5	Numeric	69
148	SPEED RELATED	1	Numeric	69
149	POLICE JURISDICTION	3	Numeric	69
150	STRATUM	1	Numeric	69

General Estimates System (GES)  
1997 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
152	REGION OF COUNTRY	1	Numeric	70
153	WEIGHT	7	Numeric	70
154	CARRIER'S ID NUMBER	6	Numeric	70
155	IMPUTED BODY TYPE	2	Numeric	71
156	IMPUTED HIT-AND-RUN	1	Numeric	73
157	I INITIAL POINT OF IMPAC	2	Numeric	73
158	I PRIOR TO CRITICAL EVEN	2	Numeric	73
159	IMPUTED MODEL YEAR	2	Numeric	74
160	IMP MAX INJ SEV. IN VEH	1	Numeric	74
161	IMP NUM INJURED IN VEH	2	Numeric	75
162	IMP VIOLATIONS CHARGED	2	Numeric	75
163	IMPUTED VEHICLE ROLE	1	Numeric	75
164	IMP ALC INVOLVED IN VEH	1	Numeric	76
165	IMP MOST HARMFUL EVENT	2	Numeric	76
166	CASE NUMBER	8	Numeric	77
167	VEHICLE NUMBER	2	Numeric	77
168	VIN VEHICLE MAKE	2	Numeric	77
169	VIN VEHICLE TYPE	1	Numeric	79
170	NCIC STANDARD MAKE CODE	5	Alphabetic	79
171	VINA MOD	3	Alphabetic	81
172	TRUCK SERIES CODE	3	Alphabetic	81
173	VIN MODEL YEAR	2	Numeric	81
174	BASE LIST PRICE	5	Numeric	81
175	ORIGINAL TIRE SIZE	6	Alphabetic	82
176	WHEEL BASE	4	Numeric	82
177	LONGEST WHEEL BASE	4	Numeric	82
178	VIN BODY TYPE	2	Alphabetic	82
179	CUBIC INCH DISPLACEMENT	4	Numeric	85
180	NUMBER OF CYLINDERS	2	Numeric	85
181	CARBURETION	1	Alphabetic	85
182	FUEL CODE	1	Numeric	86
183	TRUCK GROSS VEH WEIGHT	1	Numeric	86
184	TOTAL NUMBER OF WHEELS	1	Numeric	87
185	NUMBER OF DRIVING WHEELS	1	Numeric	87
186	TON RATING	2	Alphabetic	87
187	LIST PRICE VARIANCE	2	Numeric	88
188	SHIPPING WEIGHT	5	Numeric	88
189	SHIPPING WEIGHT VARIANCE	2	Numeric	88
190	MCYCL ENGIN DISPLACEMENT	4	Numeric	88
191	# MTRCYCL ENGINE CYCLES	1	Numeric	89
192	ANTI LOCK BRAKES (ABS)	1	Numeric	89
193	FRONT WHEEL DRIVE	1	Numeric	89
194	FOUR WHEEL DRIVE	1	Numeric	89
195	RESTRAINT TYPE	2	Numeric	90

General Estimates System (GES)  
1997 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	8	Numeric	91
202	VEHICLE NUMBER	2	Numeric	91
203	OCCUPANT NUMBER	2	Numeric	91
204	OCCUPANT TYPE	1	Numeric	92
205	OCC SEATING POSITION	2	Numeric	92
206	OCC RESTRAINT SYSTEM USE	1	Numeric	92
207	OCC RESTRAINT TYPE	1	Numeric	93
208	AIRBAG AVAIL/FUNCTION	1	Numeric	93
209	FILLER	1	Numeric	93
210	OCCUPANT EJECTION	1	Numeric	93
211	OCCUPANT AGE	2	Numeric	94
212	OCCUPANT SEX	1	Numeric	94
213	OCC INJURY SEVERITY	1	Numeric	94
214	TAKEN TO HOSP/TREATMENT	1	Numeric	94
215	OCCUPANT IMPAIRMENT	2	Numeric	95
216	PAR ALCOHOL INVOLVEMENT	1	Numeric	95
217	PAR DRUG INVOLVEMENT	1	Numeric	95
218	FILLER	2	Numeric	95
219	FILLER	2	Numeric	96
220	POLICE JURISDICTION	3	Numeric	96
221	STRATUM	1	Numeric	96
222	PSU NUMBER	2	Numeric	96
223	REGION OF COUNTRY	1	Numeric	96
224	WEIGHT	7	Numeric	96
225	IMPUTED OCCUPANT AGE	2	Numeric	97
226	IMP PAR ALC INVOLVEMENT	1	Numeric	97
227	IMPUT OCCUPANT EJECTION	1	Numeric	97
228	IMP OCC INJURY SEVERITY	1	Numeric	98
229	IMP OCC SEATING POSITION	2	Numeric	98
230	IMPUTED OCCUPANT SEX	1	Numeric	98



General Estimates System (GES)  
1997 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	8	Numeric	99
302	VEH STRIKING NUMBER NMTR	2	Numeric	99
303	NONMOTORIST NUMBER	2	Numeric	99
304	NONMOTORIST TYPE	1	Numeric	99
305	FILLER	2	Numeric	100
306	FILLER	1	Numeric	100
307	FILLER	1	Numeric	100
308	FILLER	1	Numeric	100
309	NONMOT SAFETY EQUIP USE	1	Numeric	100
310	FILLER	1	Numeric	100
311	NONMOTORIST AGE	2	Numeric	101
312	NONMOTORIST SEX	1	Numeric	101
313	NMTR INJURY SEVERITY	1	Numeric	101
314	TAKEN TO HOSP/TREATMENT	1	Numeric	101
315	NMTR PHYSICAL IMPAIRMENT	2	Numeric	102
316	PAR ALCOHOL INVOLVEMENT	1	Numeric	102
317	PAR DRUG INVOLVEMENT	1	Numeric	102
318	NONMOTORIST ACTION	2	Numeric	102
319	NMTR LOCATION	2	Numeric	103
320	POLICE JURISDICTION	3	Numeric	104
321	STRATUM	1	Numeric	104
322	PSU NUMBER	2	Numeric	104
323	REGION OF COUNTRY	1	Numeric	104
324	WEIGHT	7	Numeric	104
325	IMPUTED NONMOTORIST AGE	2	Numeric	105
326	IMP PAR ALC INVOLVEMENT	1	Numeric	105
327	FILLER	1	Numeric	105
328	IMP NMTR INJURY SEVERITY	1	Numeric	105
329	FILLER	2	Numeric	106
330	IMPUTED NONMOTORIST SEX	1	Numeric	106



The ACCIDENT Variables

Variables 1 through 52 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

1997 Prcnt Code Value and Description

4932	8.9	1	January
4138	7.4	2	February
4423	8.0	3	March
4469	8.0	4	April
4715	8.5	5	May
4678	8.4	6	June
4563	8.2	7	July
4637	8.3	8	August
4487	8.1	9	September
4906	8.8	10	October
4628	8.3	11	November
4986	9.0	12	December

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

1997 Prcnt Code Value and Description

55562	100.0	97	1997
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Variable 4	ACCIDENT DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1997 Prcnt Code Value and Description

5411	9.7	1	Sunday
7970	14.3	2	Monday
8061	14.5	3	Tuesday
8501	15.3	4	Wednesday
8396	15.1	5	Thursday

## Variable 4: ACCIDENT DAY OF WEEK (Continued)

1997 Prcnt	Code	Value and Description
9823 17.7	6	Friday
7400 13.3	7	Saturday
0 0.0	9	Unknown

---

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

---

## Crash time - hour

1997 Prcnt	Code	Value and Description
1077 1.9	0	12:01 am - 12:59 am
955 1.7	1	1:00 am - 1:59 am
930 1.7	2	2:00 am - 2:59 am
613 1.1	3	3:00 am - 3:59 am
602 1.1	4	4:00 am - 4:59 am
747 1.3	5	5:00 am - 5:59 am
1392 2.5	6	6:00 am - 6:59 am
2848 5.1	7	7:00 am - 7:59 am
2876 5.2	8	8:00 am - 8:59 am
2263 4.1	9	9:00 am - 9:59 am
2505 4.5	10	10:00 am - 10:59 am
2907 5.2	11	11:00 am - 11:59 am
3378 6.1	12	12:00 pm - 12:59 pm
3160 5.7	13	1:00 pm - 1:59 pm
3562 6.4	14	2:00 pm - 2:59 pm
4290 7.7	15	3:00 pm - 3:59 pm
4248 7.6	16	4:00 pm - 4:59 pm
4367 7.9	17	5:00 pm - 5:59 pm
3327 6.0	18	6:00 pm - 6:59 pm
2354 4.2	19	7:00 pm - 7:59 pm
1946 3.5	20	8:00 pm - 8:59 pm
1827 3.3	21	9:00 pm - 9:59 pm
1611 2.9	22	10:00 pm - 10:59 pm
1430 2.6	23	11:00 pm - 11:59 pm
27 0.0	24	12:00 Midnight
320 0.6	99	Unknown

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

---

## Crash time - minute

1997 Prcnt	Code	Value and Description
5536 10.0	0	- Minute
330 0.6	59	



Variable 6: ACCIDENT TIME - MINUTE (Continued)

1997 Prcnt	Code	Value and Description
320	0.6	99 Unknown

---

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

Number of vehicles involved

1997 Prcnt	Code	Value and Description
17185	30.9	1 1 vehicle involved
33532	60.4	2 2 vehicles involved
3889	7.0	3 3 vehicles involved
755	1.4	4 4 vehicles involved
152	0.3	5 5 vehicles involved
29	0.1	6 6 vehicles involved
8	0.0	7 7 vehicles involved
8	0.0	8 8 vehicles involved
1	0.0	9 9 vehicles involved
1	0.0	10 10 vehicles involved
1	0.0	11 11 vehicles involved
1	0.0	12 12 vehicles involved

---

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

Number of nonmotorists involved

1997 Prcnt	Code	Value and Description
52309	94.1	0 0 nonmotorists involved
3058	5.5	1 1 nonmotorist involved
149	0.3	2 2 nonmotorists involved
29	0.1	3 3 nonmotorists involved
10	0.0	4 4 nonmotorists involved
3	0.0	5 5 nonmotorists involved
2	0.0	6 6 nonmotorists involved
2	0.0	7 7 nonmotorists involved
0	0.0	99 Unknown

---

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

1997 Prcnt	Code	Value and Description
4366	7.9	1 Within area of population 25,000-50,000
5938	10.7	2 Within area of population 50,000-100,000

## Variable 9:LAND USE (Continued)

1997 Prcnt	Code	Value and Description
16451	29.6	3 Within area of population 100,000+
25308	45.5	8 Other area
3499	6.3	9 Unknown

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Variable 10	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

---

## 1997 Prcnt Code Value and Description

1997 Prcnt	Code	Value and Description
		NonCollision
1663	3.0	1 Rollover/Overturn
49	0.1	2 Fire/Explosion
18	0.0	3 Immersion
165	0.3	5 Jackknife
108	0.2	6 Noncollision injury (injured in vehicle, or fell from vehicle)
435	0.8	8 Other noncollision
0	0.0	9 Noncollision - No details
24	0.0	10 Thrown or falling object
		Collision with Object Not Fixed
1693	3.0	21 Pedestrian
1223	2.2	22 Cycle or cyclist (pedalcycle or pedalcyclist)
30	0.1	23 Railway train
1279	2.3	24 Animal
37529	67.5	25 Motor vehicle in transport
1921	3.5	26 Parked motor vehicle (or other mv not in transport)
34	0.1	27 Other type nonmotorist
194	0.3	28 Other object not fixed
4	0.0	29 Object not fixed - no details
		Collision with Fixed Object
21	0.0	31 Ground
84	0.2	32 Building
15	0.0	33 Impact attenuator or crash cushion
155	0.3	34 Bridge Structure (pier/abutment/parapet end/rail)
1069	1.9	35 Guardrail
739	1.3	36 Concrete traffic barrier or other longitudinal barrier type
1782	3.2	37 Post, Pole or Support (sign post, utility post)
1233	2.2	38 Culvert or Ditch
545	1.0	39 Curb
632	1.1	40 Embankment
397	0.7	41 Fence
171	0.3	42 Wall
79	0.1	43 Fire hydrant

Variable 11:FIRST HARMFUL EVENT (Continued)

1997 Prcnt	Code	Value and Description
51	0.1	44 Shrubbery or bush
1398	2.5	45 Tree
78	0.1	46 Boulder
39	0.1	50 Pavement Surface Irregularity (ruts, potholes, grates, plates, etc.)
569	1.0	58 Other fixed object
90	0.2	59 Fixed object - No details
46	0.1	99 Unknown

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

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1997 Prcnt	Code	Value and Description
17986	32.4	0 Not collision with vehicle in transport
14142	25.5	1 Rear-end
1005	1.8	2 Head-on
13	0.0	3 Rear-to-rear
19851	35.7	4 Angle
2140	3.9	5 Sideswipe, same direction
327	0.6	6 Sideswipe, opposite direction
39	0.1	8 Other
59	0.1	9 Unknown

---

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

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1997 Prcnt	Code	Value and Description
49088	88.3	0 No
6469	11.6	1 Yes
5	0.0	9 Unknown

---

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

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1997 Prcnt	Code	Value and Description
Non-Interchange Area		
26149	47.1	0 Non-junction
15582	28.0	1 Intersection
5902	10.6	2 Intersection Related
5068	9.1	3 Driveway, Alley Access, Etc.
166	0.3	4 Entrance/Exit Ramp
110	0.2	5 Rail Grade Crossing

## Variable 14:RELATION TO JUNCTION (Continued)

1997 Prcnt	Code	Value and Description
278	0.5	6 On a Bridge
284	0.5	8 Other, Non-interchange
219	0.4	9 Unknown, Non-interchange
Interchange Area		
176	0.3	10 Non-junction
378	0.7	11 Intersection
192	0.3	12 Intersection Related
3	0.0	13 Driveway Alley Access, Etc.
878	1.6	14 Entrance/Exit Ramp
73	0.1	16 On a Bridge
11	0.0	18 Other Location in Interchange
47	0.1	19 Unknown, Interchange Area
46	0.1	99 Unknown if Interchange

---

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

---

1997 Prcnt	Code	Value and Description
43159	77.7	1 On Roadway
2058	3.7	2 On Shoulder or Parking Lane
8856	15.9	3 Off Roadway/Shoulder/Parking Lane
1322	2.4	4 On Median
146	0.3	8 Other
21	0.0	9 Unknown

---

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

---

1997 Prcnt	Code	Value and Description
29459	53.0	1 Not physically divided (two way trafficway)
16379	29.5	2 Divided highway (median strip, barrier)
2477	4.5	3 One way trafficway
7247	13.0	9 Unknown

---

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

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1997 Prcnt	Code	Value and Description
994	1.8	1 One lane
22259	40.1	2 Two lanes
7247	13.0	3 Three lanes

Variable 17:NUMBER OF TRAVEL LANES (Continued)

1997 Prcnt	Code	Value and Description
7412	13.3	4 Four lanes
4492	8.1	5 Five lanes
956	1.7	6 Six lanes
748	1.3	7 Seven or more lanes
11454	20.6	9 Unknown

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

---

1997 Prcnt	Code	Value and Description
48161	86.7	1 Straight
5948	10.7	2 Curve
1453	2.6	9 Unknown

---

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

---

1997 Prcnt	Code	Value and Description
29968	53.9	1 Level
9078	16.3	2 Grade
612	1.1	3 Hillcrest
122	0.2	8 Other
15782	28.4	9 Unknown

---

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

---

Roadway surface condition

1997 Prcnt	Code	Value and Description
40822	73.5	1 Dry
10695	19.2	2 Wet
1017	1.8	3 Snow or slush
2061	3.7	4 Ice
92	0.2	5 Sand, dirt, oil
158	0.3	8 Other
717	1.3	9 Unknown

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

1997 Prcnt	Code	Value and Description
36543	65.8	0 No controls
		Not at Railroad Grade Crossing
10185	18.3	1 Traffic control signal (on colors)
179	0.3	4 Flashing traffic control signal or flashing beacon
66	0.1	8 Other traffic signal
47	0.1	9 Unknown traffic signal
		Regulatory, School Zone or Warning Signs:
5872	10.6	21 Stop sign
569	1.0	22 Yield sign
6	0.0	23 School zone related sign
496	0.9	28 Other sign
6	0.0	29 Unknown sign
		Warning sign
41	0.1	40 Advisory Speed Sign
26	0.0	41 Warning Sign for Road Conditions (hill, steep grade, etc.)
70	0.1	42 Warning Sign for Road Construction
5	0.0	43 Warning Sign for Environment/Traffic (fog ahead, wind, crash ahead)
123	0.2	49 Unknown Type Warning
		Miscellaneous not at Railroad Crossing:
85	0.2	51 Officer, Crossing guard, Flagman, etc.
		At Railroad Grade Crossing
66	0.1	61 Active devices (gates, flashing lights, traffic signal)
23	0.0	62 Passive devices (stop sign, cross-bucks)
		Other/Unknown
179	0.3	97 Traffic control present - no details
441	0.8	98 Other traffic control (whether or not at RR grade crossing)
534	1.0	99 Unknown

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

1997 Prcnt	Code	Value and Description
69	0.1	0 No statutory limit (parking lot, alley, etc.)
8	0.0	5 - Actual speed limit
160	0.3	75
9176	16.5	99 Unknown

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

1997 Prcnt      Code Value and Description

37769	68.0	1	Daylight
6350	11.4	2	Dark
8682	15.6	3	Dark, but lighted
757	1.4	4	Dawn
1299	2.3	5	Dusk
0	0.0	6	Dawn or Dusk
705	1.3	9	Unknown

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

1997 Prcnt      Code Value and Description

45213	81.4	1	No adverse atmospheric related driving conditions
7176	12.9	2	Rain
218	0.4	3	Sleet
1741	3.1	4	Snow
179	0.3	5	Fog
11	0.0	6	Rain and fog
11	0.0	7	Sleet and fog
174	0.3	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
839	1.5	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?

1997 Prcnt      Code Value and Description

55351	99.6	0	No
211	0.4	1	Yes

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

Pedestrian/Cyclist Crash Type

1997 Prcnt      Code Value and Description

52547	94.6	0	No pedestrian/cyclist involved
62	0.1	1	Cyclist from Driveway, Alley, or Oth Midblock Location Cyclist fails to yield to motorist at a residential driveway or alley; precrash path perpendicular to roadway

## Variable 26:PED/CYCLIST ACC TYPE (Continued)

1997 Prcnt	Code	Value and Description
9	0.0	2 Cyclist fails to yield to motorist at a commercial driveway or alley; precrash path perpendicular to roadway
12	0.0	3 Cyclist turns or merges into path of motorist from residential driveway or alley; precrash path parallel to roadway
108	0.2	4 Cyclist fails to yield to motorist at a midblock location; entry is over curb or shoulder
Bicyclist Rides out from a Controlled Intersection		
83	0.1	5 Cyclist fails to yield to motorist at an intersection controlled by a stop sign or a flashing red signal
1	0.0	6 Cyclist fails to clear intersection controlled by signal before light turns green for coss traffic; motorists' view of cyclist was not obstructed
2	0.0	7 Cyclist fails to clear intersection controlled by signal before light turns green for cross traffic; motorists' view of cyclist was obstructed by standing traffic
Motorist Turns or Drives out in Front of Bicyclist		
70	0.1	8 Motorist exiting from driveway, alley, or other midblock location fails to yield to cyclist
122	0.2	9 At an intersection controlled by a stop sign or flashing red light, motorist obeys the sign but fails to yield to cyclist
30	0.1	10 At an intersection controlled by a signal, motorist obeys signal but fails to yield to cyclist while making right turn on red
10	0.0	11 Motorist backing from driveway fails to yield to cyclist
22	0.0	12 Motorist fails to stop at an intersection controlled by stop sign
Motorist Overtakes Bicyclist		
21	0.0	13 Motorist fails to detect cyclist he/she is overtaking
11	0.0	14 Motorist loses control of vehicle while overtaking cyclist; in some cases motorist is in uncontrolled slide or spin, but more often, merely loses precise control and veers too far to right
12	0.0	15 The motorist and the cyclist counteract each other's evasive action
11	0.0	16 Motorist misjudges space required to pass cyclist
1	0.0	17 Cyclist's path is obstructed; causing cyclist to strike obstruction or overtaking motorist
Bicyclist Makes Unexpected Turn or Swerve		
26	0.0	18 Cyclist turns left in front of motorist preceeding in the same direction
5	0.0	19 Cyclist turns left in front of motorist approaching from straight ahead
16	0.0	20 Cyclist loses control and swerves into the path of a motorist proceeding in the same direction
3	0.0	21 Cyclist riding on wrong side of street makes right turn in path of approaching motorist



Variable 26:PED/CYCLIST ACC TYPE (Continued)

1997 Prcnt	Code	Value and Description
Motorist Makes Unexpected Turn		
15	0.0	22 Motorist make left turn in front of cyclist proceeding in the same direction; in some cases cyclist was riding on wrong side of street
69	0.1	23 Motorist make left turn in front of cyclist approaching from straight ahead
81	0.1	24 Motorist makes right turn in front of cyclist proceeding in a parallel path; bicyclist either proceeding in same direction or from opposite direction (riding on the wrong side of the street)
Other/Infrequent		
17	0.0	25 Vehicles collided at uncontrolled intersection; crossing paths
42	0.1	26 Vehicles collide head-on; wrong-way bicyclist
23	0.0	27 Bicyclist overtaking motor vehicle
4	0.0	28 Vehicles collide head-on; wrong-way motorist
8	0.0	29 Parking lot, other open area; crossing paths
2	0.0	30 Vehicles collide head-on; counteractive evasive action
9	0.0	31 Bicyclist cuts corner when turning left; crossing paths
2	0.0	32 Bicyclist swings wide when turning right; crossing paths
2	0.0	33 Motorist cuts corner when turning left; crossing paths
7	0.0	34 Motorist swings wide when turning right; crossing paths
6	0.0	35 Motorist drives out from on-street parking
1	0.0	36 Weird
0	0.0	37 Insufficient information to classify
60	0.1	39 Motorist overtaking (Cyclist)
1	0.0	40 Play vehicle (Big wheel, other tricycle, or bicyclist with training wheels)
0	0.0	41 Cyclist struck parked vehicle
56	0.1	48 Drive out - intersection (Motorist drove out into or in front of cyclist)
103	0.2	49 Ride out - intersection (Bicyclist)
42	0.1	55 Controlled intersection - other
10	0.0	97 Unknown
18	0.0	98 Parallel path - unknown
12	0.0	99 Intersecting path - unknown
Pedestrian Crash Types		
7	0.0	110 Commercial bus
2	0.0	120 School bus
17	0.0	130 Ice cream vendor
1	0.0	140 Mailbox related
15	0.0	150 Entering/exiting
16	0.0	210 Driverless vehicle
64	0.1	220 Backing
1	0.0	230 Hot pursuit
2	0.0	310 To/from disabled vehicle
19	0.0	320 Disabled vehicle related
2	0.0	330 Emergency vehicle related
11	0.0	410 Working on roadway
26	0.0	420 Play vehicle related

Variable 26:PED/CYCLIST ACC TYPE (Continued)

1997 Prcnt	Code	Value and Description
4	0.0	430 Playing in roadway
1	0.0	510 Hitchhiking
4	0.0	520 Expressway crossing
61	0.1	531 Walking along roadway - with traffic
18	0.0	532 Walking along roadway - against traffic
1	0.0	539 Walking along roadway - can't specify
16	0.0	610 Waiting to cross
49	0.1	620 Not in roadway
11	0.0	710 Multiple threat, intersection
262	0.5	720 Vehicle turn/merge
66	0.1	730 Intersection dash
2	0.0	740 Trapped
3	0.0	750 Pedestrian walked into vehicle - intersection
24	0.0	760 Driver violation
330	0.6	790 Intersection - other
7	0.0	810 Multiple threat - midblock
89	0.2	821 Midblock dart-out - first half
25	0.0	822 Midblock dart-out - second half
18	0.0	829 Midblock dart-out - can't specify
141	0.3	830 Midblock dash
3	0.0	840 Pedestrian walked into vehicle - midblock
427	0.8	890 Midblock - other
28	0.1	910 Other - weird
10	0.0	920 Inadequate information
Wheelchair Pedestrian Crash Types		
0	0.0	1710 Multiple threat / Intersection
3	0.0	1720 Vehicle turn / merge
0	0.0	1730 Intersection dash
0	0.0	1790 Intersection - other
2	0.0	1890 Midblock - other
0	0.0	9998 Type unknown

---

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

---

Maximum injury severity in crash

1997 Prcnt	Code	Value and Description
26202	47.2	0 No Injury
10825	19.5	1 Possible Injury
11074	19.9	2 Nonincapacitating
4730	8.5	3 Incapacitating
411	0.7	4 Fatal
328	0.6	5 Unknown Injury Severity
2	0.0	6 Died Prior
40	0.1	8 No Person Coded in Crash

Variable 27:MAX INJ SEVERITY IN ACC (Continued)

1997 Prcnt	Code	Value and Description
1950	3.5	9 Unknown

---

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

Number of injured persons in crash

1997 Prcnt	Code	Value and Description
27070	48.7	0 No Person Injured / Property Damage Only Crash
18267	32.9	1
		- Actual number of people injured
		1 0.0 29
		40 0.1 98 No Person Coded
1084	2.0	99 Unknown

---

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

Was alcohol usage involved in the crash?

1997 Prcnt	Code	Value and Description
3263	5.9	1 Alcohol Involved
51117	92.0	2 No Alcohol Involved
1182	2.1	9 Unknown

---

Variable 30	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

---

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

1997 Prcnt	Code	Value and Description
26025	46.8	1 Group 1 - All crashes involving a towed passenger vehicle, i.e. a passenger car, utility vehicle, light truck or van, no medium or heavy trucks
9482	17.1	2 Group 2 - All crashes involving a medium or heavy truck and where at least one passenger vehicle was towed or involved person was injured

## Variable 31:STRATUM (Continued)

1997 Prcnt	Code	Value and Description
6265 11.3	3	Group 3 - All crashes not involving a towed passenger vehicle or medium or heavy truck, but one in which an involved person was injured
13790 24.8	4	Group 4 - All other crashes

---

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

---



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

---

1997 Prcnt	Code	Value and Description
7827 14.1	1	Northeast
15778 28.4	2	Midwest
22705 40.9	3	South
9252 16.7	4	West

---

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

---



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

---

1997 Prcnt	Code	Value and Description
54754 98.5	0	No
808 1.5	1	Yes

---

Variable 36	NHS ROADWAY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

## National Highway System (NHS) Roadway Type

1997 Prcnt	Code	Value and Description
44379 79.9	0	Not NHS roadway
		Urban
3256 5.9	1	Eisenhower Interstate System (EIS)
2 0.0	2	Congressional high priority route
130 0.2	3	Strategic Highway Network (STRAHNET) route

Variable 36:NHS ROADWAY TYPE (Continued)

1997 Prcnt	Code	Value and Description
3	0.0	4 STRAHNET major connector
1221	2.2	5 Other NHS route
48	0.1	9 Unknown urban route
Rural		
579	1.0	11 EIS
82	0.1	12 Congressional high priority route
122	0.2	13 STRAHNET route
0	0.0	14 STRAHNET major connector
644	1.2	15 Other NHS route
246	0.4	19 Unknown rural route
Urban or Rural		
2578	4.6	21 EIS
162	0.3	22 Congressional high priority route
188	0.3	23 STRAHNET route
0	0.0	24 STRAHNET major connector
1450	2.6	25 Other NHS route
345	0.6	98 Unknown if urban or rural
127	0.2	99 Unknown if NHS route

Imputed ACCIDENT Variables

Variables 37 through 52 are imputed versions of previous variables found in the accident dataset.

Variable 37	IMP ALC INVOLVED IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Imputed alcohol involved in crash

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
4420	8.0	1 Alcohol Involved
51142	92.0	2 No Alcohol Involved

Variable 38	IMP ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
49464	89.0	1 Straight
6098	11.0	2 Curve

Variable 39	IMP FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
NonCollision		
1666	3.0	1 Rollover/Overturn
49	0.1	2 Fire/Explosion
18	0.0	3 Immersion
165	0.3	5 Jackknife
108	0.2	6 Noncollision injury (injured in vehicle, or fell from vehicle)
437	0.8	8 Other noncollision
0	0.0	9 Noncollision - No details
24	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
1694	3.0	21 Pedestrian
1225	2.2	22 Cycle or cyclist (pedalcycle or pedalcyclist)
30	0.1	23 Railway train
1285	2.3	24 Animal
37529	67.5	25 Motor vehicle in transport
1929	3.5	26 Parked motor vehicle (or other mv not in transport)
35	0.1	27 Other type nonmotorist
194	0.3	28 Other object not fixed
4	0.0	29 Object not fixed - no details
Collision with Fixed Object		
21	0.0	31 Ground
84	0.2	32 Building
15	0.0	33 Impact attenuator or crash cushion
156	0.3	34 Bridge Structure (pier/abutment/parapet end/rail)
1071	1.9	35 Guardrail
741	1.3	36 Concrete traffic barrier or other longitudinal barrier type
1787	3.2	37 Post, Pole or Support (sign post, utility post)
1236	2.2	38 Culvert or Ditch
546	1.0	39 Curb
634	1.1	40 Embankment
398	0.7	41 Fence
171	0.3	42 Wall
79	0.1	43 Fire hydrant
51	0.1	44 Shrubbery or bush

Variable 39:IMP FIRST HARMFUL EVENT (Continued)

1997 Prcnt	Code	Value and Description
1402	2.5	45 Tree
78	0.1	46 Boulder
39	0.1	50 Pavement Surface Irregularity (ruts, potholes, grates, plates, etc.)
571	1.0	58 Other fixed object
90	0.2	59 Fixed object - No details

---

Variable 40	IMP ACCIDENT TIME - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
1083	1.9	0 12:01 am - 12:59 am
960	1.7	1 1:00 am - 1:59 am
934	1.7	2 2:00 am - 2:59 am
616	1.1	3 3:00 am - 3:59 am
605	1.1	4 4:00 am - 4:59 am
751	1.4	5 5:00 am - 5:59 am
1399	2.5	6 6:00 am - 6:59 am
2864	5.2	7 7:00 am - 7:59 am
2892	5.2	8 8:00 am - 8:59 am
2276	4.1	9 9:00 am - 9:59 am
2518	4.5	10 10:00 am - 10:59 am
2924	5.3	11 11:00 am - 11:59 am
3398	6.1	12 12:00 pm - 12:59 pm
3179	5.7	13 1:00 pm - 1:59 pm
3583	6.4	14 2:00 pm - 2:59 pm
4316	7.8	15 3:00 pm - 3:59 pm
4273	7.7	16 4:00 pm - 4:59 pm
4394	7.9	17 5:00 pm - 5:59 pm
3348	6.0	18 6:00 pm - 6:59 pm
2368	4.3	19 7:00 pm - 7:59 pm
1958	3.5	20 8:00 pm - 8:59 pm
1838	3.3	21 9:00 pm - 9:59 pm
1620	2.9	22 10:00 pm - 10:59 pm
1438	2.6	23 11:00 pm - 11:59 pm
27	0.0	24 12:00 Midnight

Variable 41	IMP LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
38257	68.9	1 Daylight
6432	11.6	2 Dark
8789	15.8	3 Dark, but lighted
766	1.4	4 Dawn
1318	2.4	5 Dusk
0	0.0	6 Dawn or Dusk

Variable 42	IMP MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
18003	32.4	0 Not collision with vehicle in transport
14159	25.5	1 Rear-end
1006	1.8	2 Head-on
13	0.0	3 Rear-to-rear
19872	35.8	4 Angle
2143	3.9	5 Sideswipe, same direction
327	0.6	6 Sideswipe, opposite direction
39	0.1	8 Other

Variable 43	IMP MAX INJ SEV. IN ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
27926	50.3	0 No Injury
10934	19.7	1 Possible Injury
11155	20.1	2 Nonincapacitating
4750	8.5	3 Incapacitating
420	0.8	4 Fatal
335	0.6	5 Unknown Injury Severity
2	0.0	6 Died Prior
40	0.1	8 No Person Coded in Crash



Variable 44      IMP ACC TIME - MINUTE      Width: 2      Type: Numeric  
Dec: None      Miss: 99

This variable was imputed by NHTSA

1997	Prcnt	Code	Value and Description
5571	10.0	0	- Minute
332	0.6	59	

Variable 45      I NUM INJ PERSONS IN ACC      Width: 2      Type: Numeric  
Dec: None      Miss: 99

This variable was imputed by NHTSA

1997	Prcnt	Code	Value and Description
27968	50.3	0	No Person Injured / Property Damage Only Crash
18315	33.0	1	- Actual number of people injured
1	0.0	29	

Variable 46      IMPUTED ROADWAY PROFILE      Width: 1      Type: Numeric  
Dec: None      Miss: 9

This variable was imputed by NHTSA

1997	Prcnt	Code	Value and Description
41936	75.5	1	Level
12638	22.7	2	Grade
825	1.5	3	Hillcrest
163	0.3	8	Other

Variable 47      IMP RELATION TO JUNCTION      Width: 2      Type: Numeric  
Dec: None      Miss: 99

This variable was imputed by NHTSA

1997	Prcnt	Code	Value and Description
Non-Interchange Area			
26271	47.3	0	Non-junction
15656	28.2	1	Intersection
5936	10.7	2	Intersection Related
5097	9.2	3	Driveway, Alley Access, Etc.
167	0.3	4	Entrance/Exit Ramp
110	0.2	5	Rail Grade Crossing
280	0.5	6	On a Bridge

Variable 47:IMP RELATION TO JUNCTION (Continued)

1997 Prcnt	Code	Value and Description
286	0.5	8 Other, Non-interchange
		Interchange Area
179	0.3	10 Non-junction
389	0.7	11 Intersection
197	0.4	12 Intersection Related
3	0.0	13 Driveway Access
905	1.6	14 Entrance/Exit Ramp
75	0.1	16 On a Bridge
11	0.0	18 Other Location in Interchange

---

Variable 48	<u>IMPUTED SPEED LIMIT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
92	0.2	0 No statutory limit (parking lot, alley, etc.)
8	0.0	5 - Actual speed limit
175	0.3	75

---

Variable 49	<u>IMP ROADWAY SURFACE COND</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
41352	74.4	1 Dry
10835	19.5	2 Wet
1032	1.9	3 Snow or slush
2090	3.8	4 Ice
93	0.2	5 Sand, dirt, oil
160	0.3	8 Other

---

Variable 50	<u>I TRAFFIC CONTROL DEVICE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
36891	66.4	0 No controls

Variable 50:I TRAFFIC CONTROL DEVICE (Continued)

1997 Prcnt	Code	Value and Description
Not at Railroad Grade Crossing		
10287	18.5	1 Traffic control signal (on colors)
181	0.3	4 Flashing traffic control signal or flashing beacon
66	0.1	8 Other traffic signal
48	0.1	9 Unknown traffic signal
Regulatory, School Zone or Warning Signs:		
5931	10.7	21 Stop sign
577	1.0	22 Yield sign
6	0.0	23 School zone related sign
501	0.9	28 Other sign
6	0.0	29 Unknown sign
Warning sign		
41	0.1	40 Advisory Speed Sign
27	0.0	41 Warning Sign for Road Conditions (hill, steep grade, etc.)
70	0.1	42 Warning Sign for Road Construction
5	0.0	43 Warning Sign for Environment/Traffic (fog ahead, wind, crash ahead)
125	0.2	49 Unknown Type Warning
Miscellaneous not at Railroad Crossing:		
86	0.2	51 Officer, Crossing guard, Flagman, etc.
At Railroad Grade Crossing		
66	0.1	61 Active devices (gates, flashing lights, traffic signal)
24	0.0	62 Passive devices (stop sign, cross-bucks)
Other/Unknown		
180	0.3	97 Traffic control present - no details
444	0.8	98 Other traffic control (whether or not at RR grade crossing)

---

Variable 51      I ATMOSPHERIC CONDITION      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

---

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
45907	82.6	1 No adverse atmospheric related driving conditions
7283	13.1	2 Rain
222	0.4	3 Sleet
1769	3.2	4 Snow
182	0.3	5 Fog
11	0.0	6 Rain and fog
11	0.0	7 Sleet and fog
177	0.3	8 Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)

<u>Variable 52</u>	<u>I ACCIDENT DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt Code Value and Description

5411	9.7	1	Sunday
7970	14.3	2	Monday
8061	14.5	3	Tuesday
8501	15.3	4	Wednesday
8396	15.1	5	Thursday
9823	17.7	6	Friday
7400	13.3	7	Saturday

The VEHICLE/DRIVER Variables

Variables 101 through 195 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

1997	Prcnt	Code	Value and Description
55562	55.5	1	Vehicle #1
38377	38.4	2	Vehicle #2
4845	4.8	3	Vehicle #3
956	1.0	4	Vehicle #4
201	0.2	5	Vehicle #5
49	0.0	6	Vehicle #6
20	0.0	7	Vehicle #7
12	0.0	8	Vehicle #8
4	0.0	9	Vehicle #9
3	0.0	10	Vehicle #10
2	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12

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

1997	Prcnt	Code	Value and Description
341	0.3	0	Unattended vehicle (driverless or no driver involved)
95106	95.1	1	Driver operated vehicle
4583	4.6	2	Hit-and-run
2	0.0	9	Unknown driver presence

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

1997	Prcnt	Code	Value and Description
71618	71.6	0	None
1468	1.5	1	Alcohol or drugs
2948	2.9	2	Speeding

## Variable 104:VIOLATIONS CHARGED (Continued)

1997 Prcnt	Code	Value and Description
136	0.1	3 Alcohol or drugs and speeding
665	0.7	4 Reckless driving
356	0.4	5 Driving with a suspended or revoked license
4106	4.1	6 Failure to yield right-of-way
1446	1.4	7 Running a traffic signal or stop sign
3953	4.0	50 Hit & run (and no information)
3983	4.0	97 Violation charged - no details
9157	9.2	98 Other violation
196	0.2	99 Unknown

---

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

---

## Driver's vision obscured by

1997 Prcnt	Code	Value and Description
92898	92.9	0 No obstruction
198	0.2	1 Rain, snow, fog, smoke, sand, dust
265	0.3	2 Reflected glare, bright sunlight, headlights
118	0.1	3 Curve or hill
20	0.0	4 Building, billboard, or other design features (includes signs, embankment)
109	0.1	5 Trees, crops, vegetation
421	0.4	6 Moving vehicle (including load)
588	0.6	7 Parked vehicle
2	0.0	8 Splash or spray of passing vehicle
5	0.0	9 Inadequate defrost or defog system
3	0.0	10 Inadequate lighting system
0	0.0	11 Obstruction interior to vehicle
2	0.0	12 Mirrors
0	0.0	13 Head restraints
61	0.1	14 Broken or improperly cleaned windshield
38	0.0	15 Fog
4251	4.2	50 Hit-and-run vehicle (and no information)
144	0.1	97 Vision obscured - no details
72	0.1	98 Other obstruction
837	0.8	99 Unknown whether vision was obscured

---

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

---

## Driver maneuvered to avoid

1997 Prcnt	Code	Value and Description
90525	90.5	0 Driver did not maneuver to avoid
110	0.1	1 Object in road

Variable 106:DRIVER MANEUVER TO AVOID (Continued)

1997 Prcnt	Code	Value and Description
2	0.0	2 Poor road conditions (puddle, ice, pothole, etc.)
303	0.3	3 Animal in road
4085	4.1	4 Vehicle in road
176	0.2	5 Pedestrian, pedalcyclist, or other non-motorist in road
4267	4.3	50 Hit & run (and no information)
17	0.0	97 Avoidance Maneuver - no details
547	0.5	99 Unknown if driver maneuvered to avoid

---

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

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1997 Prcnt	Code	Value and Description
92890	92.9	0 Not distracted
104	0.1	1 Passengers, occupants
66	0.1	2 Vehicle instrument display (radio, cassette, CB, heating/AC)
27	0.0	3 Phone
2071	2.1	4 Other internal distractions
3	0.0	5 Other crash ("rubbernecking")
51	0.1	6 Other external distractions
4203	4.2	50 Hit & run (and no information)
82	0.1	97 Distractions - no details
535	0.5	99 Unknown if distracted

---

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

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1997 Prcnt	Code	Value and Description
95444	95.4	0 No, did not leave scene
4583	4.6	1 Yes, driver or car and driver left scene
5	0.0	9 Unknown

---

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

---

1997 Prcnt	Code	Value and Description
48	0.0	1 American Motors
1630	1.6	2 Jeep (includes Kaiser-Jeep)
17	0.0	3 AM General
1389	1.4	6 Chrysler
5022	5.0	7 Dodge
0	0.0	8 Imperial
2201	2.2	9 Plymouth

## Variable 109:MAKE (Continued)

1997	Prcnt	Code	Value and Description
254	0.3	10	Eagle
18070	18.1	12	Ford
1022	1.0	13	Lincoln
2601	2.6	14	Mercury
3261	3.3	18	Buick
1422	1.4	19	Cadillac
15968	16.0	20	Chevrolet
3454	3.5	21	Oldsmobile
4056	4.1	22	Pontiac
2774	2.8	23	GMC
713	0.7	24	Saturn
21	0.0	25	Grumman
3	0.0	29	Other domestic
769	0.8	30	Volkswagen
7	0.0	31	Alfa Romeo
157	0.2	32	Audi
1	0.0	33	Austin/Austin Healey
472	0.5	34	BMW
4511	4.5	35	Nissan/Datsun
4	0.0	36	Fiat
4824	4.8	37	Honda
632	0.6	38	Isuzu
93	0.1	39	Jaguar
0	0.0	40	Lancia
1956	2.0	41	Mazda
453	0.5	42	Mercedes Benz
10	0.0	43	MG
15	0.0	44	Peugeot
61	0.1	45	Porsche
25	0.0	46	Renault
150	0.1	47	Saab
553	0.6	48	Subaru
6166	6.2	49	Toyota
12	0.0	50	Triumph
839	0.8	51	Volvo
995	1.0	52	Mitsubishi
291	0.3	53	Suzuki
624	0.6	54	Acura
682	0.7	55	Hyundai
12	0.0	56	Merkur
8	0.0	57	Yugo
143	0.1	58	Infiniti
226	0.2	59	Lexus
26	0.0	60	Daihatsu
7	0.0	61	Sterling
29	0.0	62	Land Rover
72	0.1	63	KIA
4	0.0	69	Other foreign
0	0.0	70	BSA
6	0.0	71	Ducati
217	0.2	72	Harley-Davidson
152	0.2	73	Kawasaki



Variable 109:MAKE (Continued)

1997 Prcnt	Code	Value and Description
0	0.0	74 Moto-Guzzi
0	0.0	75 Norton
146	0.1	76 Yamaha
8	0.0	78 Moped (other than listed manufacturers)
15	0.0	79 Other motorcycle
2	0.0	80 Brockway
5	0.0	81 Diamond Reo, Reo
2239	2.2	82 Freightliner, White
3	0.0	83 FWD
2449	2.4	84 International Harvester/Navistar
1013	1.0	85 Kenworth
995	1.0	86 Mack
939	0.9	87 Peterbilt
13	0.0	88 Iveco/Magirus
437	0.4	98 Other (truck or bus)
2638	2.6	99 Unknown make

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

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1997 Prcnt	Code	Value and Description
American Motors		
2	0.0	1001 Rambler/American
0	0.0	1002 Rebel/Matador
0	0.0	1003 Ambassador
0	0.0	1004 Pacer
0	0.0	1005 AMX
0	0.0	1006 Javelin
0	0.0	1007 Hornet/Concord
4	0.0	1008 Spirit/Gremlin
6	0.0	1009 Eagle
0	0.0	1010 Eagle SX-4
0	0.0	1398 Other (automobile)
36	0.0	1399 Unknown (automobile)
0	0.0	1998 Other (vehicle)
0	0.0	1999 Unknown (vehicle)
Jeep		
1	0.0	2401 CJ-2/CJ-3/CJ-4
31	0.0	2402 CJ-5/CJ-6/CJ-7/CJ-8
158	0.2	2403 YJ-Wrangler
567	0.6	2404 Cherokee (84 on)
4	0.0	2421 Cherokee (thru 83)
26	0.0	2431 Grand Wagoneer
20	0.0	2481 Pickup
20	0.0	2482 Comanche
0	0.0	2498 Other Light Truck
802	0.8	2499 Unk Light Truck
1	0.0	2999 Unknown vehicle

## Variable 110:MAKE/MODEL (Continued)

1997 Prcnt Code Value and Description

## AM General

3	0.0	3401	Dispatcher (Post Office Jeep)
0	0.0	3421	Hummer
1	0.0	3466	Dispatcher DJ
0	0.0	3498	Other Light Truck
8	0.0	3499	Unk Light Truck
0	0.0	3884	Med/Hvy Truck
0	0.0	3898	Other Med/Hvy Truck
1	0.0	3899	Unk Med/Hvy Truck
1	0.0	3983	Bus rear engine
0	0.0	3988	Other Bus
2	0.0	3989	Unknown bus type
1	0.0	3999	Unknown vehicle

## Chrysler

14	0.0	6009	Cordoba
115	0.1	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
60	0.1	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
12	0.0	6015	Laser
128	0.1	6016	Lebaron
16	0.0	6017	Lebaron GTS/GTC
0	0.0	6031	TC Maserati Sport
3	0.0	6035	Conquest
33	0.0	6041	Concorde
33	0.0	6042	LHS
60	0.1	6043	Sebring
27	0.0	6044	Cirrus
0	0.0	6398	Other Auto
795	0.8	6399	Unk Auto
56	0.1	6441	Town & Country (Minivan)
0	0.0	6498	Other Light Truck
26	0.0	6499	Unk Light Truck
11	0.0	6999	Unknown vehicle

## Dodge

11	0.0	7001	Dart
6	0.0	7002	Coronet/Magnum/Charger(thru 78)
4	0.0	7003	Polara/Monaco/Royal Monaco
2	0.0	7004	Viper
1	0.0	7005	Challenger
10	0.0	7006	Aspen
25	0.0	7007	Diplomat
68	0.1	7008	Omni/Charger(83 on)
2	0.0	7009	Mirada
1	0.0	7010	St Regis
74	0.1	7011	Aries (K)
0	0.0	7012	400
1	0.0	7013	Rampage (car-based pickup)
25	0.0	7014	600
59	0.1	7015	Daytona
18	0.0	7016	Lancer
194	0.2	7017	Shadow

Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value and Description
96	0.1	7018 Dynasty
104	0.1	7019 Spirit
201	0.2	7020 Neon
2	0.0	7033 Challenger (import)
58	0.1	7034 Colt (excludes Vista)
1	0.0	7035 Conquest
14	0.0	7039 Stealth
3	0.0	7040 Monaco
148	0.1	7041 Intrepid
44	0.0	7042 Avenger
59	0.1	7043 Stratus
0	0.0	7398 Other Auto
1161	1.2	7399 Unk Auto
4	0.0	7401 Raider
19	0.0	7421 Ramchager
4	0.0	7441 Vista
454	0.5	7442 Caravan
45	0.0	7461 B-series Van
1	0.0	7470 Van Derivative
27	0.0	7471 D50,Colt Pickup,Ram 50/100
201	0.2	7472 Dakota
104	0.1	7481 D,W-series Pickup
80	0.1	7482 Ram 1500/2500/3500 P/U
1	0.0	7498 Other lt Truck
1555	1.6	7499 Unk lt Truck
0	0.0	7881 Med/hvy CBE
0	0.0	7882 DODGE Med/hvy COE low entry
0	0.0	7883 Med/hvy COE high entry
2	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
20	0.0	7899 Unk med/hvy truck
0	0.0	7981 Medium Bus (not van-based)
3	0.0	7988 Other Bus
0	0.0	7989 Unknown Bus
0	0.0	7998 Other Veh
110	0.1	7999 Unknown veh
Imperial		
0	0.0	8010 Imperial
0	0.0	8398 Other Auto
0	0.0	8399 Unk Auto
0	0.0	8999 Unk Veh
Plymouth		
9	0.0	9001 Valiant/Scamp/Duster(thru 76)
2	0.0	9002 Satellite/Belvedere
6	0.0	9003 Fury
13	0.0	9004 Gran Fury
1	0.0	9005 Barracuda
14	0.0	9006 Volare
14	0.0	9007 Caravelle

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
105	0.1	9008	Horizon
89	0.1	9011	Reliant (K)
2	0.0	9013	Scamp-auto-based pickup
139	0.1	9017	Sundance
115	0.1	9019	Acclaim
131	0.1	9020	Neon
0	0.0	9031	Cricket
1	0.0	9032	Arrow
3	0.0	9033	Sapporo import
43	0.0	9034	Champ/Colt (excludes Vista)
1	0.0	9035	Conquest
48	0.0	9037	Laser
32	0.0	9038	Breeze
0	0.0	9039	Prowler
0	0.0	9398	Other Auto
770	0.8	9399	Unk Auto
1	0.0	9421	Trailduster
3	0.0	9441	Vista
166	0.2	9442	Voyager (minivan)
8	0.0	9461	B-series Van (fullsize)
0	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other lt truck
433	0.4	9499	Unk lt truck
52	0.1	9999	Unknown vehicle
Eagle			
34	0.0	10034	Summit
68	0.1	10037	Talon
25	0.0	10040	Premier
20	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Auto
102	0.1	10399	Unk Auto
5	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck
0	0.0	10999	Unk vehicle
Ford			
4	0.0	12001	Falcon
4	0.0	12002	Fairlane
777	0.8	12003	Mustang/Mustang II
477	0.5	12004	Thunderbird
17	0.0	12005	Ltd II
188	0.2	12006	Ltd/Galaxy/Custom
0	0.0	12007	Ranchero
12	0.0	12008	Maverick
9	0.0	12009	Pinto
13	0.0	12010	Torino/Gran Torino/Elite
27	0.0	12011	Granada
40	0.0	12012	Fairmont
1076	1.1	12013	Escort/EXP

Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value and Description
539	0.5	12015 Tempo
328	0.3	12016 Crown Victoria
1012	1.0	12017 Taurus
296	0.3	12018 Probe
1	0.0	12031 English Ford
4	0.0	12032 Fiesta
59	0.1	12033 Festiva
2	0.0	12034 Laser
146	0.1	12035 Contour
68	0.1	12036 Aspire
1	0.0	12398 Other Auto
4055	4.1	12399 Unk Auto
624	0.6	12401 Bronco II/Bronco(thru 77)/Explorer
121	0.1	12421 Bronco-fullsize (78 on)
29	0.0	12422 Expedition
362	0.4	12441 Aerostar
118	0.1	12442 Windstar
334	0.3	12461 E-series Van
0	0.0	12470 Van derivative
879	0.9	12471 Ranger
3	0.0	12472 Courier
1545	1.5	12481 F-series Pickup
3	0.0	12498 Other lt truck
3313	3.3	12499 Unk lt truck
0	0.0	12850 M/H truck-based motorhome
64	0.1	12881 Med/Hvy CBE
0	0.0	12882 Med/Hvy COE low entry
0	0.0	12883 Med/Hvy COE high entry
376	0.4	12884 Med/Hvy unk engine location
6	0.0	12890 Med/Hvy COE unk entry position
38	0.0	12898 Other Med/Hvy truck
606	0.6	12899 Unk Med/Hvy truck
1	0.0	12981 Medium Bus
7	0.0	12988 Other Bus
22	0.0	12989 Unknown bus type
13	0.0	12998 Other Vehicle
451	0.5	12999 Unknown vehicle
Lincoln		
373	0.4	13001 Town Car/Continental
47	0.0	13002 Mark I - VIII
51	0.1	13005 Continental (82 on)
0	0.0	13011 Versailles
0	0.0	13398 Other Auto
550	0.5	13399 Unk Auto
1	0.0	13421 Navigator
0	0.0	13999 Unk vehicle
Mercury		
0	0.0	14002 Cyclone
20	0.0	14003 Capri-domestic
338	0.3	14004 Cougar/XR7

## Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value and Description
297	0.3	14006 Marquis/Monterey
4	0.0	14008 Comet
0	0.0	14009 Bobcat
2	0.0	14010 Montego
5	0.0	14011 Monarch
11	0.0	14012 Zephyr
14	0.0	14013 Lynx/LN7 (82-83)
175	0.2	14015 Topaz
293	0.3	14017 Sable
19	0.0	14031 Capri-foreign
0	0.0	14033 Pantera
141	0.1	14036 Tracer
23	0.0	14037 Mystique
2	0.0	14398 Other Auto
1120	1.1	14399 Unknown Auto
9	0.0	14401 Mountaineer
94	0.1	14443 Villager
23	0.0	14499 Unk lt truck
0	0.0	14998 Other vehicle
11	0.0	14999 Unknown vehicle
Buick		
7	0.0	18001 Special/Skylark
434	0.4	18002 Lesabre/Wildcat/Centurion
225	0.2	18003 Electra/Electra 225/Park Avenue (91 on)
35	0.0	18004 Roadmaster
74	0.1	18005 Riviera
312	0.3	18007 Century
0	0.0	18008 Apollo/Skylark (75)
168	0.2	18010 Regal
32	0.0	18012 Skyhawk
44	0.0	18015 Skylark (76-85)
173	0.2	18018 Somerset/Skylark(86 on)
155	0.2	18020 Regal FWD
4	0.0	18021 Reatta
0	0.0	18031 Opel Kadette
0	0.0	18032 Opel Manta
0	0.0	18033 Opel GT
0	0.0	18034 Opel Isuzu
0	0.0	18398 Other Auto
1597	1.6	18399 Unk Auto
1	0.0	18999 Unk vehicle
Cadillac		
471	0.5	19003 Deville/Fleetwood (except Limousine)
14	0.0	19004 Limousine
87	0.1	19005 Eldorado
1	0.0	19006 Commercial Series
3	0.0	19009 Allante'
130	0.1	19014 Seville
16	0.0	19016 Cimarron
3	0.0	19017 Catera (RWD)

Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
0	0.0	19398	Other Auto
697	0.7	19399	Unk Auto
0	0.0	19999	Unk vehicle
			Chevrolet
99	0.1	20001	Malibu/Chevelle
623	0.6	20002	Caprice/Impala
49	0.0	20004	Corvette
1	0.0	20006	Corvair
37	0.0	20007	El Camino
51	0.1	20008	Nova (-79)
557	0.6	20009	Camaro
178	0.2	20010	Monte Carlo
0	0.0	20011	Vega
2	0.0	20012	Monza
55	0.1	20013	Chevette
38	0.0	20015	Citation
1072	1.1	20016	Cavalier
323	0.3	20017	Celebrity
621	0.6	20019	Baretta/Corsica
459	0.5	20020	Lumina
50	0.0	20031	Spectrum
376	0.4	20032	Nova/Geo Prizm
20	0.0	20033	Sprint/Geo Sprint
201	0.2	20034	Geo Metro
73	0.1	20035	Geo Storm
57	0.1	20036	Monte Carlo (FWD only)
12	0.0	20037	Malibu
3	0.0	20398	Other Auto
4101	4.1	20399	Unk Auto
90	0.1	20401	S-10 Blazer
81	0.1	20402	Geo Tracker
70	0.1	20421	Blazer-fullsize
302	0.3	20431	Suburban
301	0.3	20441	Astro Van
43	0.0	20442	Lumina APV
1	0.0	20443	Ventura
79	0.1	20461	G-series Van
1	0.0	20466	P-series Van
1	0.0	20470	Van Derivative
680	0.7	20471	S-10,T-10
3	0.0	20472	LUV imported PU
1197	1.2	20481	C,K,R,V-series Pickup
8	0.0	20498	Other lt truck
3652	3.7	20499	Unk lt truck
1	0.0	20850	M/H truck-based motorhome
4	0.0	20881	Med/Hvy CBE
0	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
19	0.0	20884	Med/Hvy Unk engine location
0	0.0	20890	Med/Hvy COE Unk entry position
12	0.0	20898	Other med/hvy trk

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
155	0.2	20899	Unk med/hvy trk
0	0.0	20981	Bus S-60 series
3	0.0	20988	Other Bus
17	0.0	20989	Unknown bus type
2	0.0	20998	Other Vehicle
188	0.2	20999	Unknown vehicle
Oldsmobile			
516	0.5	21001	Cutlass (RWD only)
378	0.4	21002	Delta 88
227	0.2	21003	Ninety-Eight
36	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
10	0.0	21015	Omega
24	0.0	21016	Firenza
139	0.1	21017	Ciera
60	0.1	21018	Calais
377	0.4	21020	Cutlass (FWD)
92	0.1	21021	Achieva
20	0.0	21022	Aurora
1	0.0	21023	
0	0.0	21398	Other Auto
1499	1.5	21399	Unknown Auto
25	0.0	21401	Bravada
24	0.0	21441	Silhouette
0	0.0	21498	Other lt trk
16	0.0	21499	Unk lt trk
0	0.0	21998	Other vehicle
10	0.0	21999	Unknown vehicle
Pontiac			
12	0.0	22001	Lemans/Tempest (thru 79)
355	0.4	22002	Bonneville/Catalina/Parisienne
37	0.0	22005	Fiero
0	0.0	22008	Ventura
230	0.2	22009	Firebird/Trans AM
65	0.1	22010	Grand Prix RWD
0	0.0	22011	Astre
3	0.0	22012	Sunbird (thru 80)
9	0.0	22013	T-1000/1000
9	0.0	22015	Phoenix
345	0.3	22016	J2000/2000/Sunbird(84 on)
153	0.2	22017	6000
656	0.7	22018	Grand AM
253	0.3	22020	Grand Prix FWD
51	0.1	22031	Lemans (88 on)
1	0.0	22398	Other Auto
1785	1.8	22399	Unk Auto
42	0.0	22441	Trans Sport
0	0.0	22498	Other lt trk
32	0.0	22499	Unk lt trk



Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value and Description
18	0.0	22999 Unknown vehicle
		GMC
0	0.0	23007 Caballero/Sprint
0	0.0	23398 Other Auto
152	0.2	23399 Unk Auto
39	0.0	23401 Jimmy/Typhoon S-15 based
30	0.0	23421 Jimmy fullsize/Yukon
100	0.1	23431 Suburban
102	0.1	23441 Safari (Minivan)
46	0.0	23461 G-series Van
0	0.0	23466 P-series Van
1	0.0	23470 Van Derivative
129	0.1	23471 S15/T15/Somona
332	0.3	23481 C,K,R,V-series Pickup
6	0.0	23498 Other lt truck
1051	1.1	23499 Unk lt truck
33	0.0	23881 Med/Hvy CBE
0	0.0	23882 Med/Hvy COE low entry
0	0.0	23883 Med/Hvy COE high entry
252	0.3	23884 Med/Hvy Unk engine location
4	0.0	23890 Med/Hvy COE Unk entry postion
18	0.0	23898 Other med/hvy trk
354	0.4	23899 Unk med/hvy trk
0	0.0	23981 Bus B6000
5	0.0	23988 Other Bus
18	0.0	23989 Unknown bus type
1	0.0	23998 Other Vehicle
101	0.1	23999 Unknown vehicle
		Saturn
195	0.2	24001 SL
48	0.0	24002 SC
9	0.0	24003 SW
0	0.0	24004 EV1
1	0.0	24398 Other Auto
460	0.5	24399 Unk Auto
0	0.0	24999 Unk vehicle
		Grumman
9	0.0	25441 LLV
0	0.0	25442 Step-in van
0	0.0	25498 Other lt truck
6	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
0	0.0	25884 Med/Hvy Unk engine location
0	0.0	25890 Med/Hvy COE Unk entry postion
0	0.0	25898 Other med/hvy trk
1	0.0	25899 Unk med/hvy trk
0	0.0	25983 Bus flat front, rear engine

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
0	0.0	25988	Other Bus
5	0.0	25989	Unknown bus type
0	0.0	25999	Unk vehicle
			Other Domestic
1	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
0	0.0	29398	Other make
2	0.0	29399	Unknown make
			Volkswagen
6	0.0	30031	Karmann Ghia
11	0.0	30032	Beetle 1300/1500
4	0.0	30033	Super Beetle
0	0.0	30034	411/412
0	0.0	30035	Squareback/Fastback
24	0.0	30036	Rabbit
1	0.0	30037	Dasher
15	0.0	30038	Scirocco
104	0.1	30040	Jetta
7	0.0	30041	Quantum
49	0.0	30042	Golf
1	0.0	30043	Rabbit Pickup
35	0.0	30044	Fox
2	0.0	30045	Corrado
20	0.0	30046	Passat
81	0.1	30047	Jetta III
16	0.0	30048	Golf III
0	0.0	30398	Other Auto
358	0.4	30399	Unk Auto
0	0.0	30401	The Thing (181)
10	0.0	30441	Vanagon/Camper
2	0.0	30442	Eurovan
0	0.0	30498	Other lt truck
16	0.0	30499	Unk lt truck
0	0.0	30998	Other vehicle
7	0.0	30999	Unk vehicle
			Alfa Romeo
2	0.0	31031	Spider
0	0.0	31032	Sports Sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
1	0.0	31035	164
0	0.0	31398	Other Auto
4	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle
			Audi
2	0.0	32031	Super 90
13	0.0	32032	100/A6
1	0.0	32033	Fox

Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
16	0.0	32034	4000
22	0.0	32035	5000
3	0.0	32036	80/90
3	0.0	32037	200
0	0.0	32038	V-8 Quattro
1	0.0	32039	Coupe Quattro
0	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
7	0.0	32042	A4
0	0.0	32043	A3
0	0.0	32044	A8
0	0.0	32398	Other Auto
89	0.1	32399	Unk Auto
0	0.0	32999	Unk vehicle
Austin/Austin Healey			
0	0.0	33031	Marina
0	0.0	33032	America
1	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle
BMW			
2	0.0	34031	1600,200Z
0	0.0	34032	Coupe
1	0.0	34033	Bavarian Sedan
157	0.2	34034	3-series
51	0.1	34035	5-series
3	0.0	34036	6-series
34	0.0	34037	7-series
1	0.0	34038	8-series
3	0.0	34039	Z3
0	0.0	34398	Other Auto
201	0.2	34399	Unk Auto
0	0.0	34701	0-50cc
1	0.0	34702	51-124cc
0	0.0	34704	350-449cc
0	0.0	34705	450-749cc
3	0.0	34706	750cc & over
15	0.0	34709	Unk cc
0	0.0	34799	Unk motorcycle
0	0.0	34999	Unk vehicle
Nissan/Datsun			
0	0.0	35031	F-10
159	0.2	35032	200SX/240SX
21	0.0	35033	B210/210/1200
169	0.2	35034	Z-car, ZX
8	0.0	35035	310

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
10	0.0	35036	510
1	0.0	35037	610
0	0.0	35038	710
480	0.5	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
148	0.1	35042	Stanza
710	0.7	35043	Sentra
54	0.1	35044	Pulsar
0	0.0	35045	Micra
6	0.0	35046	NX 1600/2000
256	0.3	35047	Altima
1	0.0	35398	Other Auto
1375	1.4	35399	Unk Auto
160	0.2	35401	Pathfinder
6	0.0	35441	Van
4	0.0	35442	Axxess
57	0.1	35443	Quest
545	0.5	35471	Pickup
1	0.0	35498	Other lt truck
260	0.3	35499	Unk lt truck
0	0.0	35883	Med/Hvy COE high entry
1	0.0	35898	Other med/hvy truck
16	0.0	35899	Unk med/hvy truck
63	0.1	35999	Unk vehicle
			Fiat
0	0.0	36031	124 Coupe/Sedan
0	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
3	0.0	36399	Unk auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry
1	0.0	36890	Med/Hvy COE Unk Entry
0	0.0	36898	Other med/hvy truck
0	0.0	36899	Unk med/hvy truck
0	0.0	36999	Unknown vehicle
			Honda
956	1.0	37031	Civic/CRX, del Sol
1570	1.6	37032	Accord
183	0.2	37033	Prelude
1	0.0	37034	600
0	0.0	37398	Other Auto
1632	1.6	37399	Unk Auto
35	0.0	37401	Passport
25	0.0	37441	Odyssey

Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
0	0.0	37498	Other light trk
8	0.0	37499	Unk light trk
2	0.0	37701	0-50cc
5	0.0	37702	51-124cc
13	0.0	37703	125-349cc
3	0.0	37704	350-449cc
31	0.0	37705	450-749cc
41	0.0	37706	750cc & over
275	0.3	37709	Unk cc
0	0.0	37731	ATC/ATV 0-50cc
0	0.0	37732	ATC/ATV 51-124cc
4	0.0	37733	ATC/ATV 125-349cc
0	0.0	37734	ATC/ATV 350cc & over
12	0.0	37739	ATC/ATV Unk cc
8	0.0	37799	Unk motored cycle
20	0.0	37999	Unk vehicle
Isuzu			
12	0.0	38031	I-Mark
10	0.0	38032	Impulse
5	0.0	38033	Stylus
0	0.0	38398	Other Auto
100	0.1	38399	Unk Auto
73	0.1	38401	Trooper/Trooper II
113	0.1	38402	Rodeo
13	0.0	38403	Amigo
5	0.0	38441	Oasis
70	0.1	38471	P'up Pickup
1	0.0	38498	Other lt truck
97	0.1	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
9	0.0	38884	Med/Hvy unk engine location
1	0.0	38890	Med/Hvy COE unk entry position
6	0.0	38898	Other med/hvy trk
78	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
0	0.0	38988	Other Bus
2	0.0	38998	Other veh
37	0.0	38999	Unk vehicle
Jaguar			
5	0.0	39031	XJ-S Coupe
18	0.0	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
0	0.0	39034	X100
0	0.0	39398	Other Auto
70	0.1	39399	Unk Auto
0	0.0	39999	Unk vehicle

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
			Lancia
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Beta Coupe/Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other Auto
0	0.0	40399	Unk Auto
0	0.0	40999	Unk vehicle
			Mazda
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
69	0.1	41034	RX7
294	0.3	41035	GLC/323/Protege
0	0.0	41036	Cosmo
310	0.3	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
29	0.0	41043	929
90	0.1	41044	MX-6
45	0.0	41045	Miata
32	0.0	41046	MX-3
14	0.0	41047	Millenia
2	0.0	41398	Other auto
598	0.6	41399	Unk auto
7	0.0	41401	Navajo
86	0.1	41441	MPV
289	0.3	41471	Mazda Pickup
0	0.0	41498	Other lt truck
67	0.1	41499	Unk lt truck
24	0.0	41999	Unk vehicle
			Mercedes Benz
69	0.1	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
0	0.0	42032	230/280 SL 2-pass
17	0.0	42033	300/350/380/450/500/560 SL 2-pass
1	0.0	42034	350/380/420/450/560 SLC
2	0.0	42035	280/300 SEL
23	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
13	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
47	0.0	42039	190
0	0.0	42040	300
6	0.0	42041	400/500 E
9	0.0	42042	220/280 C
0	0.0	42398	Other auto
249	0.2	42399	Unk auto
0	0.0	42470	Van derivative
0	0.0	42498	Other lt truck

Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
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
2	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Oth med/hvy trk
8	0.0	42899	Unk med/hvy trk
0	0.0	42981	Medium Bus
0	0.0	42988	Other Bus
6	0.0	42999	Unk vehicle
MG			
2	0.0	43031	Midget
1	0.0	43032	MGB (76-79)
1	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other auto
6	0.0	43399	Unk auto
0	0.0	43999	Unk vehicle
Peugeot			
0	0.0	44031	304
0	0.0	44032	403
0	0.0	44033	404
8	0.0	44034	504/505
0	0.0	44035	604
1	0.0	44036	405
0	0.0	44398	Other auto
6	0.0	44399	Unk auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unk cc
0	0.0	44799	Unk motored cycle
0	0.0	44999	Unk vehicle
Porsche			
11	0.0	45031	911
0	0.0	45032	912
2	0.0	45033	914
1	0.0	45034	924
3	0.0	45035	928
0	0.0	45036	930
14	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
0	0.0	45040	986
0	0.0	45398	Oth auto
30	0.0	45399	Unk auto
0	0.0	45999	Unk vehicle

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
Renault			
0	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle
0	0.0	46033	12
0	0.0	46034	15
0	0.0	46035	16
0	0.0	46036	17
0	0.0	46037	R18i
0	0.0	46038	Fuego
11	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
3	0.0	46044	Medallion
0	0.0	46045	Premier
0	0.0	46398	Other auto
11	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle
Saab			
52	0.1	47031	99/99E/900
0	0.0	47032	Sonnett
1	0.0	47033	95/96/97
7	0.0	47034	9000
0	0.0	47398	Other auto
90	0.1	47399	Unk auto
0	0.0	47999	Unk vehicle
Subaru			
74	0.1	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
2	0.0	48032	Star
0	0.0	48033	360
120	0.1	48034	Legacy
6	0.0	48035	XT/XT6
14	0.0	48036	Justy
4	0.0	48037	SVX
33	0.0	48038	Impreza
4	0.0	48043	Brat
2	0.0	48398	Other auto
294	0.3	48399	Unk auto
0	0.0	48999	Unk vehicle
Toyota			
7	0.0	49031	Corona
875	0.9	49032	Corolla
290	0.3	49033	Celica
41	0.0	49034	Supra
83	0.1	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
386	0.4	49038	Tercel
1	0.0	49039	Starlet
879	0.9	49040	Camry
30	0.0	49041	MR-2



Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
51	0.1	49042	Paseo
54	0.1	49043	Avalon
0	0.0	49398	Other auto
1852	1.9	49399	Unk auto
191	0.2	49401	4-Runner
16	0.0	49402	RAV-4
21	0.0	49421	Landcruiser
88	0.1	49441	Minivan (84-90)/Previa (91 on)
547	0.5	49471	Pickup
61	0.1	49472	Takoma
28	0.0	49481	T-100
5	0.0	49498	Other lt truck
606	0.6	49499	Unk lt truck
54	0.1	49999	Unk vehicle
Triumph			
1	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
0	0.0	50034	TR6
0	0.0	50035	TR7/TR8
0	0.0	50036	Herald
0	0.0	50037	Stag
0	0.0	50398	Other auto
5	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
0	0.0	50705	450-749 cc
2	0.0	50706	750cc & over
4	0.0	50709	Unk cc
0	0.0	50799	Unk motored cycle
0	0.0	50999	Unk vehicle
Volvo			
0	0.0	51031	122
1	0.0	51032	142/144/145
0	0.0	51033	164
87	0.1	51034	240/242/244/245
2	0.0	51035	262/264/265
0	0.0	51036	1800
21	0.0	51038	760/780
71	0.1	51039	740
14	0.0	51040	940
15	0.0	51041	960
43	0.0	51042	850
2	0.0	51398	Other auto
278	0.3	51399	Unk auto
35	0.0	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
0	0.0	51883	Med/Hvy COE high entry

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
202	0.2	51884	Med/Hvy unk engine location
1	0.0	51890	Med/Hvy unk entry position
2	0.0	51898	Other med/hvy trk
60	0.1	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
5	0.0	51999	Unk vehicle
Mitsubishi			
0	0.0	52031	Starion
3	0.0	52032	Tredia
0	0.0	52033	Cordia
96	0.1	52034	Galant
108	0.1	52035	Mirage
8	0.0	52036	Precis
171	0.2	52037	Eclipse
1	0.0	52038	Sigma
28	0.0	52039	3000 GT
28	0.0	52040	Diamante
0	0.0	52398	Other auto
386	0.4	52399	Unk auto
34	0.0	52401	Montero
1	0.0	52441	Minivan
9	0.0	52442	Expo Wagon
39	0.0	52471	Pickup
0	0.0	52498	Other lt truck
27	0.0	52499	Unk lt truck
0	0.0	52882	Med/Hvy COE low entry
2	0.0	52898	Other med/hvy truck
39	0.0	52899	Unk med/hvy truck
0	0.0	52981	Bus conventional front engine
0	0.0	52982	Bus front engine/flat front
0	0.0	52983	Bus rear engine/flat front
0	0.0	52988	Other bus
15	0.0	52999	Unk vehicle
Suzuki			
0	0.0	53031	SA310
9	0.0	53034	Swift
4	0.0	53035	Esteem
0	0.0	53398	Other auto
46	0.0	53399	Unk auto
29	0.0	53401	Samarai
39	0.0	53402	Sidekick
1	0.0	53403	X-90
0	0.0	53498	Other lt truck
17	0.0	53499	Unk lt truck
0	0.0	53701	0-50cc
1	0.0	53702	51-124cc
1	0.0	53703	125-349cc
0	0.0	53704	350-449cc
7	0.0	53705	450-749cc

Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value and Description
15	0.0	53706 750cc & over
117	0.1	53709 Unk 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
1	0.0	53734 ATC/ATV 350cc & over
0	0.0	53739 ATC/ATV unk cc
3	0.0	53799 Unk motored cycle
1	0.0	53999 Unk vehicle
Acura		
241	0.2	54031 Integra
141	0.1	54032 Legend
1	0.0	54033 NSX
15	0.0	54034 Vigor/TL
4	0.0	54035 CL
0	0.0	54398 Other auto
221	0.2	54399 Unk auto
0	0.0	54401 SLX
0	0.0	54998 Other vehicle
1	0.0	54999 Unk vehicle
Hyundai		
0	0.0	55031 Pony
182	0.2	55032 Excel
54	0.1	55033 Sonata
37	0.0	55034 Scoupe
91	0.1	55035 Elantra
39	0.0	55036 Accent
3	0.0	55037
0	0.0	55398 Other auto
276	0.3	55399 Unk auto
0	0.0	55999 Unk vehicle
Merkur		
0	0.0	56031 XR4Ti
3	0.0	56032 Scorpio
0	0.0	56398 Other auto
9	0.0	56399 Unk auto
0	0.0	56999 Unk vehicle
Yugo		
3	0.0	57031 GV
0	0.0	57398 Other auto
5	0.0	57399 Unk auto
0	0.0	57999 Unk vehicle
Infiniti		
5	0.0	58031 M30
10	0.0	58032 Q45
17	0.0	58033 G20
25	0.0	58034 J30

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
8	0.0	58035	I30
1	0.0	58398	Other auto
77	0.1	58399	Unk auto
0	0.0	58401	T30
0	0.0	58498	Other truck
0	0.0	58499	Unk light truck
0	0.0	58999	Unk vehicle
			Lexus
48	0.0	59031	ES-250/ES-300
23	0.0	59032	LS-400
13	0.0	59033	SC-400/SC-300
8	0.0	59034	GS-300
0	0.0	59398	Other auto
133	0.1	59399	Unk auto
1	0.0	59421	LX-450
0	0.0	59498	Other light truck
0	0.0	59499	Unk light truck
0	0.0	59999	Unk vehicle
			Daihatsu
9	0.0	60031	Charade
0	0.0	60398	Other auto
15	0.0	60399	Unk auto
2	0.0	60401	Rocky
0	0.0	60498	Other lt trk
0	0.0	60499	Unk lt trk
0	0.0	60999	Unk vehicle
			Sterling
3	0.0	61031	827S
0	0.0	61398	Other auto
4	0.0	61399	Unk auto
0	0.0	61999	Unk vehicle
			Land Rover
2	0.0	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
1	0.0	62421	County LWB (RR) / Country Classic (RR)
0	0.0	62422	4.0 SE (RR)
0	0.0	62498	Other light truck
26	0.0	62499	Unk light truck
0	0.0	62999	Unk vehicle
			KIA
28	0.0	63031	Sephia
0	0.0	63398	Other auto
35	0.0	63399	Unk auto
9	0.0	63401	Sportage
0	0.0	63498	Other light truck
0	0.0	63499	Unk light truck
0	0.0	63999	Unk vehicle

Variable 110:MAKE/MODEL (Continued)

1997 Prcnt Code Value and Description

Other Imports			
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	Delorean
2	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
1	0.0	69039	Lotus
0	0.0	69040	Maserati
0	0.0	69041	Morris
1	0.0	69042	Rolls Royce/Bentley
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
0	0.0	69053	Lada
0	0.0	69398	Other make
0	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
0	0.0	70709	Unk cc
0	0.0	70798	Oth motored cycle
0	0.0	70799	Unk motorcycle
Ducati			
0	0.0	71701	0-50cc
0	0.0	71702	51-124cc
0	0.0	71703	125-349cc
0	0.0	71704	350-449cc
0	0.0	71705	450-749cc
2	0.0	71706	750cc & over
4	0.0	71709	Unk cc
0	0.0	71798	Oth motored cycle
0	0.0	71799	Unk motorcycle
Harley-Davidson			
1	0.0	72701	0-50cc
1	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
0	0.0	72705	450-749cc
20	0.0	72706	750cc & over

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
192	0.2	72709	Unk cc
0	0.0	72798	Oth motored cycle
3	0.0	72799	Unk motorcycle
			<b>Kawaski</b>
2	0.0	73701	0-50cc
4	0.0	73702	51-124cc
2	0.0	73703	125-349cc
0	0.0	73704	350-449cc
9	0.0	73705	450-749cc
18	0.0	73706	750cc & over
116	0.1	73709	Unk cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
0	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
0	0.0	73739	ATC/ATV unk cc
0	0.0	73798	Oth motored cycle
1	0.0	73799	Unk motorcycle
			<b>Moto-Guzzi</b>
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	74709	Unk cc
0	0.0	74798	Oth motored cycle
0	0.0	74799	Unk motorcycle
			<b>Norton</b>
0	0.0	75701	0-50cc
0	0.0	75702	51-124cc
0	0.0	75703	125-349cc
0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over
0	0.0	75709	Unk cc
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk motorcycle
			<b>Yamaha</b>
0	0.0	76701	0-50cc
2	0.0	76702	51-124cc
4	0.0	76703	125-349cc
2	0.0	76704	350-449cc
10	0.0	76705	450-749cc
7	0.0	76706	750cc & over
111	0.1	76709	Unk cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc

Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
1	0.0	76733	ATC/ATV 125-349cc
1	0.0	76734	ATC/ATV 350cc & over
6	0.0	76739	ATC/ATV unk cc
1	0.0	76798	Oth motored cycle
1	0.0	76799	Unk motorcycle
0	0.0	76998	Other vehicle
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
8	0.0	78709	Unk cc
0	0.0	78798	Oth motored cycle
0	0.0	78799	Unk motorcycle
Other Make Motored Cycle			
0	0.0	79701	0-50cc
0	0.0	79702	51-124cc
0	0.0	79703	125-349cc
0	0.0	79704	350-449cc
0	0.0	79705	450-749cc
0	0.0	79706	750cc & over
14	0.0	79709	Unk cc
0	0.0	79731	ATC/ATV 0-50cc
0	0.0	79732	ATC/ATV 51-124cc
0	0.0	79733	ATC/ATV 125-349cc
0	0.0	79734	ATC/ATV 350cc & over
0	0.0	79739	ATC/ATV unk cc
0	0.0	79798	Oth motored cycle
1	0.0	79799	Unk motorcycle
Brockway			
0	0.0	80850	M/H truck-based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry
0	0.0	80883	Med/Hvy COE high entry
2	0.0	80884	Med/Hvy Unk engine location
0	0.0	80890	Med/Hvy COE Unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
0	0.0	80950	Bus-based Motorhome
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus type
0	0.0	80999	Unknown vehicle
Diamond Reo/Reo			
0	0.0	81850	M/H truck-based motorhome
3	0.0	81881	Med/Hvy CBE
0	0.0	81882	Med/Hvy COE low entry

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
0	0.0	81883	Med/Hvy COE high entry
1	0.0	81884	Med/Hvy Unk engine location
0	0.0	81890	Med/Hvy COE Unk entry position
0	0.0	81898	Other med/hvy trk
1	0.0	81899	Unk med/hvy trk
0	0.0	81950	Bus-based Motorhome
0	0.0	81988	Other bus
0	0.0	81989	Unknown bus type
0	0.0	81999	Unknown vehicle
Freightliner/White			
0	0.0	82850	M/H truck-based motorhome
308	0.3	82881	Med/Hvy CBE
1	0.0	82882	Med/Hvy COE low entry
1	0.0	82883	Med/Hvy COE high entry
1639	1.6	82884	Med/Hvy Unk engine location
52	0.1	82890	Med/Hvy COE Unk entry position
18	0.0	82898	Other med/hvy trk
219	0.2	82899	Unk med/hvy trk
0	0.0	82950	Bus-based Motorhome
0	0.0	82988	Other bus
0	0.0	82989	Unknown bus type
1	0.0	82998	Other vehicle
0	0.0	82999	Unknown vehicle
FWD			
0	0.0	83850	M/H truck-based motorhome
0	0.0	83881	Med/Hvy CBE
0	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
2	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
1	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus-based Motorhome
0	0.0	83988	Other bus
0	0.0	83989	Unknown bus type
0	0.0	83999	Unknown vehicle
International Harvester/Navistar			
5	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
2	0.0	84481	Pickup
1	0.0	84498	Other lt trk
1	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck-based motorhome
139	0.1	84881	Med/Hvy CBE
0	0.0	84882	Med/Hvy COE low entry
0	0.0	84883	Med/Hvy COE high entry
1327	1.3	84884	Med/Hvy unk engine location



Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value	Description
62	0.1	84890	Med/Hvy COE unk entry position
48	0.0	84898	Other med/hvy trk
764	0.8	84899	Unk med/hvy trk
0	0.0	84950	Bus-based Motorhome
0	0.0	84981	Conventional Bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
17	0.0	84988	Other bus
71	0.1	84989	Unknown bus type
6	0.0	84998	Other vehicle
6	0.0	84999	Unk vehicle
Kenworth			
0	0.0	85850	M/H truck-based motorhome
135	0.1	85881	Med/Hvy CBE
0	0.0	85882	Med/Hvy COE low entry
0	0.0	85883	Med/Hvy COE high entry
751	0.8	85884	Med/Hvy Unk engine location
9	0.0	85890	Med/Hvy COE Unk entry position
10	0.0	85898	Other med/hvy trk
108	0.1	85899	Unk med/hvy trk
0	0.0	85950	Bus-based Motorhome
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus type
0	0.0	85999	Unknown
Mack			
0	0.0	86850	M/H truck-based motorhome
72	0.1	86881	Med/Hvy CBE
0	0.0	86882	Med/Hvy COE low entry
0	0.0	86883	Med/Hvy COE high entry
484	0.5	86884	Med/Hvy Unk engine location
11	0.0	86890	Med/Hvy COE Unk entry position
16	0.0	86898	Other med/hvy trk
406	0.4	86899	Unk med/hvy trk
0	0.0	86950	Bus-based Motorhome
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus type
6	0.0	86998	Other vehicle
0	0.0	86999	Unknown
Peterbilt			
0	0.0	87850	M/H truck-based motorhome
179	0.2	87881	Med/Hvy CBE
0	0.0	87882	Med/Hvy COE low entry
2	0.0	87883	Med/Hvy COE high entry
629	0.6	87884	Med/Hvy Unk engine location
13	0.0	87890	Med/Hvy COE Unk entry position
10	0.0	87898	Other med/hvy trk
102	0.1	87899	Unk med/hvy trk
0	0.0	87950	Bus-based Motorhome
0	0.0	87988	Other bus

## Variable 110:MAKE/MODEL (Continued)

1997	Prcnt	Code	Value and Description
0	0.0	87989	Unknown bus type
4	0.0	87998	
0	0.0	87999	Unknown
			Iveco/Magirus
0	0.0	88850	M/H truck-based motorhome
0	0.0	88881	Med/Hvy CBE
0	0.0	88882	Med/Hvy COE low entry
0	0.0	88883	Med/Hvy COE high entry
2	0.0	88884	Med/Hvy Unk engine location
0	0.0	88890	Med/Hvy COE Unk entry position
2	0.0	88898	Other med/hvy trk
9	0.0	88899	Unk med/hvy trk
0	0.0	88950	Bus-based Motorhome
0	0.0	88988	Other bus
0	0.0	88989	Unknown bus type
0	0.0	88999	Unknown
			Other Make
13	0.0	98801	AUTOCAR
6	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
71	0.1	98804	WESTERN STAR
9	0.0	98805	OSHKOSH
19	0.0	98806	HINO
2	0.0	98807	SCANIA
4	0.0	98850	M/H truck-based motorhome
114	0.1	98898	Other med/hvy trk
24	0.0	98902	NEOPLAN Bus
1	0.0	98950	Bus-based Motorhome
4	0.0	98983	Bus rear engine
49	0.0	98988	Other bus
74	0.1	98989	Unknown bus type
47	0.0	98998	Other vehicle
0	0.0	98999	Unk vehicle
			Unknown Make
547	0.5	99399	Unknown automobile
244	0.2	99499	Unknown light truck
0	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
0	0.0	99706	Motorcycle 750cc & over
31	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
3	0.0	99739	ATC/ATV unk cc
1	0.0	99798	Other motored cycle

Variable 110:MAKE/MODEL (Continued)

1997 Prcnt	Code	Value and Description
4	0.0	99799 Unknown motored cycle
0	0.0	99850 M/H truck-based motorhome
0	0.0	99881 Med/Hvy CBE
0	0.0	99882 Med/Hvy COE low entry
0	0.0	99883 Med/Hvy COE high entry
0	0.0	99884 Med/Hvy unk engine location
0	0.0	99890 Med/Hvy COE unk entry position
0	0.0	99898 Other med/hvy trk
489	0.5	99899 Unk med/hvy trk
0	0.0	99950 Bus-based Motorhome
0	0.0	99981 Conventional bus
0	0.0	99982 Bus front engine
0	0.0	99983 Bus rear engine
0	0.0	99988 Other bus
56	0.1	99989 Unknown bus type
30	0.0	99998 Other vehicle
1233	1.2	99999 Unk vehicle

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

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1997 Prcnt	Code	Value and Description
2	0.0	40 1940 and earlier
		-
3951	3.9	85 1985
4874	4.9	86 1986
5253	5.3	87 1987
6144	6.1	88 1988
6366	6.4	89 1989
6145	6.1	90 1990
6013	6.0	91 1991
6120	6.1	92 1992
7361	7.4	93 1993
8013	8.0	94 1994
9262	9.3	95 1995
7962	8.0	96 1996
6020	6.0	97 1997
498	0.5	98 1998
3506	3.5	99 Unknown

---

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

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1997 Prcnt	Code	Value and Description
		Automobiles
197	0.2	1 Convertible (excludes sun roof, t-bar)

## Variable 112:BODY TYPE (Continued)

1997 Prcnt	Code	Value and Description
11439	11.4	2 2-door sedan, hardtop, coupe
1444	1.4	3 3-door/2-door hatchback
21635	21.6	4 4-door sedan, hardtop
600	0.6	5 5-door/4-door hatchback
2003	2.0	6 Station Wagon (excluding van and truck based)
113	0.1	7 Hatchback, number of doors unknown
1	0.0	8 Other automobile type
23015	23.0	9 Unknown automobile type
Automobile Derivatives		
30	0.0	10 Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat)
4	0.0	11 Auto-based panel (cargo station wagon, auto-based Ambulance/Hearse)
4	0.0	12 Large Limousine (more than four side doors or stretch chassis)
0	0.0	13 Three wheeled automobile or automobile derivative
Utility Vehicles		
2399	2.4	14 Compact Utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)
310	0.3	15 Large Utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)
470	0.5	16 Utility Station Wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
1395	1.4	19 Utility Vehicle, Unknown Body Type
Van-Based Light Trucks (<4,501 kg GVWR)		
2090	2.1	20 Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
511	0.5	21 Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
10	0.0	22 Step van or walk-in van (< 4,500 kg GVWR)
3	0.0	23 Van-based motorhome
9	0.0	24 Van-based School Bus
1	0.0	25 Van-based Other Bus
4	0.0	28 Other van type (Hi-Cube, Kary)
3305	3.3	29 Unknown van type
Lt Conventional Truck (P.U. style cab, <4,501 kg GVWR)		
3459	3.5	30 Compact pickup
3315	3.3	31 Large pickup
21	0.0	32 Pickup with slide-in camper
0	0.0	33 Convertible pickup
5461	5.5	39 Unknown (pickup style) light conventional truck
Other Light Trucks (<4,500 kg GVWR)		
7	0.0	40 Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
6	0.0	41 Truck-based panel
2	0.0	42 Light truck-based motorhome (chassis mounted)
2	0.0	45 Other light truck type

Variable 112:BODY TYPE (Continued)

1997 Prcnt	Code	Value and Description
2015	2.0	48 Unknown light truck type (utility, van, pickup, or other light truck)
578	0.6	49 Unknown light vehicle type (automobile, utility, van, or light truck)
Buses (excludes van-based)		
171	0.2	50 School bus (designed to carry students, not cross country or transit)
182	0.2	58 Other bus (e.g., transit intercity bus-based motorhome)
26	0.0	59 Unknown bus type
Medium/Heavy Trucks (>4,500 kg GVWR)		
65	0.1	60 Step Van
1221	1.2	64 Single unit straight truck
6	0.0	65 Medium/heavy truck-based motorhome
7101	7.1	66 Truck-tractor (cab only, or with any number of trailing units)
2355	2.4	78 Unknown medium/heavy truck type
524	0.5	79 Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include ATVs/cycles)		
1046	1.0	80 Motorcycle
38	0.0	81 Moped (motorized bicycle)
1	0.0	82 Three wheeled motorcycle or moped
10	0.0	88 Other motored cycle type (minibike, motorscooter)
24	0.0	89 Unknown motored cycle type
Other Vehicles		
28	0.0	90 ATV (all terrain vehicle) and ATC (all terrain cycle)
3	0.0	91 Snowmobile
30	0.0	92 Farm equipment other than trucks
59	0.1	93 Construction equipment other than trucks (includes graders)
21	0.0	97 Other type vehicle (e.g., go-cart, fork lift, city street sweeper)
1263	1.3	99 Unknown body type

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

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1997 Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)		
87124	87.1	0 Not applicable
379	0.4	1 Bus
2426	2.4	2 Van/Enclosed Box
328	0.3	3 Cargo Tank
795	0.8	4 Flatbed
791	0.8	5 Dump
81	0.1	6 Concrete Mixer

## Variable 113: CARGO BODY TYPE (Continued)

1997 Prcnt	Code	Value and Description
43	0.0	7 Auto Transporter
222	0.2	8 Garbage/Refuse
554	0.6	98 Other
7289	7.3	99 Unknown cargo body type

---

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

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## Number of axles on vehicle, including trailers

1997 Prcnt	Code	Value and Description
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		Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
87124	87.1	0 Not applicable
0	0.0	1 1 axle
1098	1.1	2 2 axles
1555	1.6	3 3 axles
359	0.4	4 4 axles
3043	3.0	5 5 axles
211	0.2	6 6 axles
83	0.1	7 7 axles
44	0.0	8 8 axles
		-
1	0.0	17 17 axles
0	0.0	98 Other
6403	6.4	99 Unknown

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

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

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## Vehicle special use (this trip)

1997 Prcnt	Code	Value and Description
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99110	99.1	0 No special use
139	0.1	1 Taxi
181	0.2	2 Vehicle used as school bus
179	0.2	3 Vehicle used as other bus
0	0.0	4 Military
185	0.2	5 Police
37	0.0	6 Ambulance
65	0.1	7 Fire truck and car
1	0.0	10 Hearse

Variable 116:SPECIAL USE (Continued)

1997 Prcnt	Code	Value and Description
30	0.0	11 Farm equipment
59	0.1	12 Construction equipment
46	0.0	99 Unknown

---

Variable 117      HAZ MATERIAL PLACARD NO      Width: 5      Type: Numeric  
Dec:    None      Miss: 9999

Hazardous materials placard number

1997 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
96776	96.7	0 Not applicable
1	0.0	4
1	0.0	1017
		- Actual number
2	0.0	3257
3142	3.1	9999 Unknown

---

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

Hazardous materials placarded

1997 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
96772	96.7	0 Not Applicable
217	0.2	1 Yes
4	0.0	2 No
3039	3.0	9 Unknown

---

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

Hazardous materials release

1997 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
96772	96.7	0 Not Applicable
51	0.1	1 Yes
147	0.1	2 No
3062	3.1	9 Unknown

General Estimates System (GES)  
1997 - Vehicle

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

1997 Prcnt	Code	Value and Description
99865	99.8	0 No
165	0.2	1 Yes
2	0.0	9 Unknown

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

Number of occupants involved

1997 Prcnt	Code	Value and Description
310	0.3	0 0 occupants involved
72076	72.1	1 1 occupant involved
18438	18.4	2 2 occupants involved
5496	5.5	3 3 occupants involved
2393	2.4	4 4 occupants involved
918	0.9	5 5 occupants involved
		-
1	0.0	30 30 occupants involved

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

1997 Prcnt	Code	Value and Description
12351	12.3	0 Stopped vehicle
98	0.1	1
		- Actual travel speed (MPH)
2	0.0	96
11	0.0	97 97 MPH or greater
60269	60.2	99 Unknown

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

Vehicle contributing factors

1997 Prcnt	Code	Value and Description
93125	93.1	0 No vehicle defects
379	0.4	1 Tires
425	0.4	2 Brake system
85	0.1	3 Steering system - tie rod, kingpin, ball joint, etc.
5	0.0	4 Suspension - springs, shock absorbers, macpherson struts
21	0.0	5 Power train - universal joint, drive shaft, transmission



Variable 123:VEHICLE CONTRIB FACTORS (Continued)

1997 Prcnt	Code	Value and Description
3	0.0	6 Exhaust system
15	0.0	7 Headlights
16	0.0	8 Signal lights
27	0.0	9 Other lights
9	0.0	10 Wipers
22	0.0	11 Wheels
4	0.0	12 Mirrors
0	0.0	13 Driver seating and control
4	0.0	14 Body, doors
28	0.0	15 Trailer hitch
3550	3.5	50 Hit-and-run vehicle
152	0.2	97 Vehicle contributing factors - no details
223	0.2	98 Other vehicle contributing factors
1939	1.9	99 Unknown if vehicle has contributing factors

---

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

1997 Prcnt	Code	Value and Description
92055	92.0	0 No
7507	7.5	1 Yes, one trailing unit
249	0.2	2 Yes, two trailing units
5	0.0	3 Yes, three or more trailing units
24	0.0	4 Yes, number of trailing units unknown
192	0.2	9 Unknown

---

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

1997 Prcnt	Code	Value and Description
99682	99.7	0 No jackknife noted on PAR
350	0.3	1 Jackknife occurred

---

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

1997 Prcnt	Code	Value and Description
96817	96.8	0 No rollover
1054	1.1	10 Untripped Rollover
86	0.1	20 Tripped Rollover - By Curb
132	0.1	21 Tripped Rollover - By Guardrail
611	0.6	22 Tripped Rollover - By Ditch
32	0.0	23 Tripped Rollover - By Soft Soil

## Variable 126:ROLLOVER (Continued)

1997 Prcnt	Code	Value and Description
1279	1.3	28 Tripped Rollover - Other
17	0.0	29 Tripped Rollover - Unknown Mechanism
4	0.0	99 Rollover, unknown whether untripped or tripped

---

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

---

1997 Prcnt	Code	Value and Description
99894	99.9	0 No fire noted on PAR
138	0.1	1 Fire occurred in vehicle

---

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

---

1997 Prcnt	Code	Value and Description
2462	2.5	0 No damage/noncollision
43493	43.5	1 Front
15920	15.9	2 Rightside
16571	16.6	3 Leftside
18542	18.5	4 Back
133	0.1	5 Top
365	0.4	6 Undercarriage
143	0.1	11 Front right corner
201	0.2	12 Front left corner
36	0.0	13 Back right corner
46	0.0	14 Back left corner
2120	2.1	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

1997 Prcnt	Code	Value and Description
3550	3.5	0 No damage
56197	56.2	1 Front
14451	14.4	2 Rightside
11727	11.7	3 Leftside
9850	9.8	4 Back
217	0.2	5 Top
329	0.3	6 Undercarriage
175	0.2	7 All areas damaged
3536	3.5	9 Damaged areas unknown

---

Variable 130	DAMAGE AREA #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Damage for areas 1-5 listed in ascending numerical order

1997	Prcnt	Code	Value and Description
33028	33.0	0	No damage
0	0.0	1	Front
23557	23.5	2	Rightside
14447	14.4	3	Leftside
7933	7.9	4	Back
627	0.6	5	Top
627	0.6	6	Undercarriage
0	0.0	7	All areas damaged
19813	19.8	9	Damaged areas unknown

---

Variable 131	DAMAGE AREA #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Damage for areas 1-5 listed in ascending numerical order

1997	Prcnt	Code	Value and Description
55786	55.8	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
11798	11.8	3	Leftside
3594	3.6	4	Back
566	0.6	5	Top
565	0.6	6	Undercarriage
0	0.0	7	All areas damaged
27723	27.7	9	Damaged areas unknown

---

Variable 132	DAMAGE AREA #4	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Damage for areas 1-5 listed in ascending numerical order

1997	Prcnt	Code	Value and Description
67289	67.3	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
2453	2.5	4	Back
669	0.7	5	Top
531	0.5	6	Undercarriage
0	0.0	7	All areas damaged
29090	29.1	9	Damaged areas unknown

General Estimates System (GES)  
1997 - Vehicle

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

Damage for areas 1-5 listed in ascending numerical order

1997 Prcnt	Code	Value and Description
69854	69.8	0 No damage
0	0.0	1 Front
0	0.0	2 Rightside
0	0.0	3 Leftside
0	0.0	4 Back
545	0.5	5 Top
174	0.2	6 Undercarriage
0	0.0	7 All areas damaged
29459	29.4	9 Damaged areas unknown

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

1997 Prcnt	Code	Value and Description
3502	3.5	0 None
19802	19.8	1 Minor
23464	23.5	2 Functional (moderate)
21512	21.5	3 Disabling (severe)
31752	31.7	9 Unknown

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

1997 Prcnt	Code	Value and Description
50319	50.3	1 Driven away
44046	44.0	2 Towed due to damage
854	0.9	3 Towed not due to damage
798	0.8	4 Abandoned
4015	4.0	9 Unknown if towed

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

1997 Prcnt	Code	Value and Description
NonCollision		
1750	1.7	1 Rollover/Overturn
57	0.1	2 Fire/Explosion
19	0.0	3 Immersion
98	0.1	5 Jackknife
101	0.1	6 Noncollision injury

Variable 136:MOST HARMFUL EVENT (Continued)

1997 Prcnt	Code	Value and Description
400	0.4	8 Other noncollision
2	0.0	9 Noncollision - No details
31	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
1675	1.7	21 Pedestrian
1217	1.2	22 Cycle or cyclist (pedalcycle or pedalcyclist)
30	0.0	23 Railway train
1260	1.3	24 Animal
79271	79.2	25 Motor vehicle in transport
1895	1.9	26 Parked motor vehicle (or motor vehicle not in transport)
33	0.0	27 Other type nonmotorist
562	0.6	28 Other object not fixed
7	0.0	29 Object not fixed - No details
Collision with Fixed Object		
13	0.0	31 Ground
85	0.1	32 Building
11	0.0	33 Impact attenuator or crash cushion
132	0.1	34 Bridge Structure (pier/abutment/parapet end)
825	0.8	35 Guardrail
548	0.5	36 Concrete traffic barrier or other longitudinal barrier type
1418	1.4	37 Post, Pole or Support (sign post, utility post)
756	0.8	38 Culvert or Ditch
221	0.2	39 Curb
328	0.3	40 Embankment
254	0.3	41 Fence
141	0.1	42 Wall
67	0.1	43 Fire hydrant
27	0.0	44 Shrubbery or bush
1281	1.3	45 Tree
49	0.0	46 Boulder
36	0.0	50 Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
358	0.4	58 Other fixed object
63	0.1	59 Fixed object - No details
5011	5.0	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)

1997 Prcnt	Code	Value and Description
341	0.3	0 No driver present
59200	59.2	1 Going straight
4859	4.9	2 Decelerating in traffic lane
753	0.8	3 Starting in traffic lane

## Variable 137:PRIOR TO CRITICAL EVENT (Continued)

1997 Prcnt	Code	Value and Description
11135	11.1	4 Stopped in traffic lane
1084	1.1	5 Passing or overtaking another vehicle
141	0.1	6 Disabled or parked in travel lane
243	0.2	7 Leaving a parked position
93	0.1	8 Entering a parked position
2815	2.8	10 Turning right
9077	9.1	11 Turning left
490	0.5	12 Making U-turn
756	0.8	13 Backing up (other than parking purposes)
1392	1.4	15 Negotiating a curve
3253	3.3	16 Changing lanes
408	0.4	17 Merging
124	0.1	18 Successful corrective action to a previous critical event
3132	3.1	98 Other
736	0.7	99 Unknown

Variable 138	CRITICAL EVENT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## Critical event (Precrash 2)

1997 Prcnt	Code	Value and Description
495	0.5	0 Not applicable/no collision
		I. CRITICAL EVENT INITIATED BY THIS VEHICLE
		Loss of Control Due To:
186	0.2	10 Blow Out or Flat Tire
7	0.0	20 Stalled Engine
298	0.3	30 Disabling Vehicle Failure (e.g. wheel fell off)
48	0.0	40 Minor Vehicle Failure
2167	2.2	50 Poor Road Conditions (puddle, pothole, ice, etc.)
2710	2.7	60 Excessive Speed
2040	2.0	99 Other or Unknown Reason
		Traveling Over Edge of Roadway:
1357	1.4	100 Over Left Edge of Roadway
3088	3.1	101 Over Right Edge of Roadway
162	0.2	102 End Departure
236	0.2	199 Unknown Which Edge
		In Another Vehicle's Lane:
326	0.3	200 Stopped
25	0.0	210 Traveling in Same Direction With Lower Speed
19	0.0	215 Traveling in Same Direction While Decelerating
10360	10.4	220 Traveling in Same Direction With Higher Speed
560	0.6	230 Traveling in Opposite Direction
		Encroaching Into Another Vehicle's Lane: At Non-Junction
706	0.7	300 From Adjacent Lane (Opposite Direction)

Variable 138:CRITICAL EVENT (Continued)

1997	Prcnt	Code	Value and Description
1242	1.2	310	From Adjacent Lane (Same Direction) - Over Left Lane Line
1509	1.5	320	From Adjacent Lane (Same Direction) - Over Right Lane Line
167	0.2	330	From Parallel/Diagonal Parking Lane
Encroaching Into Another Vehicle's Lane: At Junction			
1104	1.1	410	Entering Intersection - Turning Into Same Direction
5819	5.8	411	Entering Intersection - Straight Across Path
3462	3.5	412	Entering Intersection - Turning Across Path
1751	1.8	413	Entering Intersection - Turning Into Opposite Direction
103	0.1	429	Entering Intersection - Intended Path Unknown
1047	1.0	430	Entering Driveway, Alley Access, Etc.
473	0.5	440	From Driveway, Alley Access, Etc. - Turning Into Same Direction
183	0.2	441	From Driveway, Alley Access, Etc. - Straight Across Path
1023	1.0	442	From Driveway, Alley Access, Etc. - Turning Into Opposite Direction
352	0.4	459	From Driveway, Alley Access, Etc. - Intended Path Unknown
63	0.1	460	Entering From "Yield" Entrance (Ramp/Channel)
1163	1.2	497	Encroaching - Other
182	0.2	498	Encroaching - Details Unknown
76	0.1	499	This Vehicle Initiated Critical Event - Details Unknown
II. CRITICAL EVENT INITIATED BY THE OTHER VEHICLE			
Motor Vehicle Already In This Vehicle's Lane:			
388	0.4	500	Stopped
38	0.0	510	Traveling in Same Direction With Lower Speed
54	0.1	515	Traveling in Same Direction While Decelerating
10233	10.2	520	Traveling in Same Direction With Higher Speed
601	0.6	530	Traveling in Opposite Direction
Another Vehicle Encroaching Into This Vehicle's Lane:			
Not At Junction			
1339	1.3	600	From Adjacent Lane (Opposite Direction)
1957	2.0	610	From Adjacent Lane (Same Direction) - Over Left Lane Line
1652	1.7	620	From Adjacent Lane (Same Direction) - Over Right Lane Line
149	0.1	630	From Parallel/Diagonal Parking Lane
Another Vehicle Encroaching Into This Vehicle's Lane:			
At Junction			
1074	1.1	710	Entering Intersection - Turning Into Same Direction
5344	5.3	711	Entering Intersection - Straight Across Path
3372	3.4	712	Entering Intersection - Turning Across Path
1778	1.8	713	Entering Intersection - Turning Into Opposite Direction
125	0.1	729	Entering Intersection - Intended Path Unknown
1036	1.0	730	Entering Driveway, Alley Access, Etc.
500	0.5	740	From Driveway, Alley Access, Etc. - Turning Into Same Direction
172	0.2	741	From Driveway, Alley Access, Etc. - Straight Across Path
1001	1.0	742	From Driveway, Alley Access, Etc. - Turning Into Opposite Direction
342	0.3	759	From Driveway, Alley Access, Etc. - Intended Path Unknown
85	0.1	760	Entering From "Yield" Entrance (Ramp/Channel)

## Variable 138:CRITICAL EVENT (Continued)

1997 Prcnt	Code	Value	Description
1528	1.5	797	Encroaching - Other
95	0.1	798	Encroaching - Details Unknown
217	0.2	799	Other Vehicle Initiated Critical Event - Details Unknown
III. CRITICAL EVENT INITIATED BY PEDESTRIAN, PEDALCYCLIST, OTHER NON-MOTORIST, ANIMAL OR OBJECT			
1613	1.6	800	Pedestrian in Roadway
55	0.1	801	Pedestrian Approaching Roadway
1151	1.2	810	Pedalcyclist/Other Non-Motorist in Roadway
53	0.1	811	Pedalcyclist/Other Non-Motorist Approaching Roadway
4	0.0	829	Pedestrian/Pedalcyclist/Other Non-Motorist - Unknown Location
1508	1.5	830	Animal in Roadway
48	0.0	831	Animal Approaching Roadway
538	0.5	840	Object in Roadway
26	0.0	841	Object Approaching Roadway
1	0.0	859	Animal or Object - Unknown Location
IV. MISCELLANEOUS			
15783	15.8	994	More than two vehicles involved
559	0.6	998	Other event
1104	1.1	999	Unknown

---

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

---

## Corrective Action Attempted (Precrash 3)

1997 Prcnt	Code	Value	Description
72221	72.2	0	Not Applicable/No corrective action attempted
Single Corrective Action			
5368	5.4	1	Braked/Slowed
1298	1.3	2	Steered to Left
1212	1.2	3	Steered to Right
35	0.0	4	Accelerated
3	0.0	5	Backed
Multiple Corrective Actions			
325	0.3	11	Braked and Steered to Left
277	0.3	12	Braked and Steered to Right
4	0.0	13	Accelerated and Steered to Left
3	0.0	14	Accelerated and Steered to Right
116	0.1	15	Steered in Both Directions
15783	15.8	94	More than two vehicles involved
434	0.4	97	Corrective action attempted - no details
66	0.1	98	Other single or multiple corrective action
2887	2.9	99	Unknown if Driver Attempted Any Corrective Action



---

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

Stability immediatly prior to this Vehicle's Initial Involvement  
(Precrash 4)

1997 Prcnt	Code	Value and Description
301	0.3	0 No Driver Present
70219	70.2	1 Vehicle Control Maintained
738	0.7	2 Vehicle Rotated (Yawed) Clockwise
912	0.9	3 Vehicle Rotated (Yawed) Counter-Clockwise
5022	5.0	4 Vehicle Slid/Skid Longitudinally - No Rotation
97	0.1	9 Vehicle Rotated (Yawed) Unknown Direction
430	0.4	20 Combination of 02 through 09
15783	15.8	94 More than two vehicles involved
4847	4.8	98 Other or Unknown Type of Vehicle Control Was Lost
1683	1.7	99 Unknown If Vehicle Control Was Lost

---

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

Vehicle Path Prior to First Involvement (Precrash 5)

1997 Prcnt	Code	Value and Description
301	0.3	0 No Driver Present
65238	65.2	1 Vehicle Stayed In Travel Lane
5502	5.5	2 Vehicle Stayed On Roadway But Left Travel Lane
1364	1.4	3 Vehicle Stayed On Roadway, Not Known If Left Travel Lane
10493	10.5	4 Vehicle Departed Roadway
161	0.2	6 Vehicle Remained Off Roadway
712	0.7	7 Vehicle Returned to Roadway
15783	15.8	94 More than two vehicles involved
478	0.5	99 Vehicle Path After Corrective Action Unknown

---

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

1997 Prcnt	Code	Value and Description
2451	2.5	0 Noncollision
55977	56.0	1 Striking
35870	35.9	2 Struck
5508	5.5	3 Both striking and struck
226	0.2	9 Unknown

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

1997 Prcnt    Code Value and Description

610	0.6	0	No impact
1808	1.8	1	
		-	Diagram number (see appendix)
860	0.9	93	
294	0.3	97	Untripped rollover
8754	8.8	98	Other crash type
649	0.6	99	Unknown

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

Maximum injury severity in vehicle

1997 Prcnt    Code Value and Description

65160	65.1	0	No Injury
14533	14.5	1	Possible Injury
10429	10.4	2	Nonincapacitating
4382	4.4	3	Incapacitating
327	0.3	4	Fatal
420	0.4	5	Unknown Injury Severity
2	0.0	6	Died Prior
310	0.3	8	No Person Coded in Crash
4469	4.5	9	Unknown

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

Number injured in vehicle

1997 Prcnt    Code Value and Description

65566	65.5	0	None
23960	24.0	1	
		-	Actual number of people injured
1	0.0	29	
310	0.3	98	No person coded
4065	4.1	99	Unknown

Variable 146     ALCOHOL INVOLVED IN VEH     Width: 1     Type: Numeric  
Dec: None     Miss: 9

Reports alcohol use by driver of the vehicle

1997 Prcnt	Code	Value and Description
3164	3.2	1 Alcohol Involved
92346	92.3	2 No Alcohol Involved
0	0.0	8 No Person Coded
4522	4.5	9 Unknown

Variable 147     DRIVERS ZIP CODE     Width: 5     Type: Numeric  
Dec: None     Miss: None

1997 Prcnt	Code	Value and Description
737	0.7	0 Not resident of U.S. or territories/Driver not present - Code actual 5-digit zip code
5344	5.3	99999 Unknown

Variable 148     SPEED RELATED     Width: 1     Type: Numeric  
Dec: None     Miss: None

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

1997 Prcnt	Code	Value and Description
81662	81.6	0 No
10506	10.5	1 Yes
7864	7.9	9 Unknown

Variable 149     POLICE JURISDICTION     Width: 3     Type: Numeric  
Dec: None     Miss: None

Police Jurisdiction codes repeated in each PSU.

Variable 150     STRATUM     Width: 1     Type: Numeric  
Dec: None     Miss: None

1997 Prcnt	Code	Value and Description
46100	46.1	1 Group 1 - All crashes involving a towed passenger vehicle, i.e. a passenger car, utility vehicle, light truck or van, no medium or heavy trucks

Variable 150:STRATUM (Continued)

1997 Prcnt	Code	Value and Description
19615	19.6	2 Group 2 - All crashes involving a medium or heavy truck and where at least one passenger vehicle was towed or involved person was injured
9221	9.2	3 Group 3 - All crashes not involving a towed passenger vehicle or medium or heavy truck, but one in which an involved person was injured
25096	25.1	4 Group 4 - All other crashes

---

Variable 152	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1997 Prcnt	Code	Value and Description
13469	13.5	1 Northeast
28053	28.0	2 Midwest
41765	41.8	3 South
16745	16.7	4 West

---

Variable 153	WEIGHT	Width: 7	Type: Numeric
		Dec: 2	Miss: None

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Variable 154	CARRIER'S ID NUMBER	Width: 6	Type: Numeric
		Dec: None	Miss: None

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Carrier's Identification number

1997 Prcnt	Code	Value and Description
		Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
	0	Not applicable
	1	
	-	U.S. DOT or ICC MC number
999998		
999999		Unknown

Imputed VEHICLE Variables

Variables 155 through 165 are imputed versions of previous variables found in the vehicle dataset.

Variable 155	IMPUTED BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1997 Prcnt Code Value and Description

Automobiles

199	0.2	1	Convertible (excludes sun roof, t-bar)
11550	11.5	2	2-door sedan, hardtop, coupe
1460	1.5	3	3-door/2-door hatchback
21873	21.9	4	4-door sedan, hardtop
606	0.6	5	5-door/4-door hatchback
2029	2.0	6	Station Wagon (excluding van and truck-based)
113	0.1	7	Hatchback, number of doors unknown
1	0.0	8	Other automobile type
23673	23.7	9	Unknown automobile type

Automobile Derivatives

30	0.0	10	Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat)
4	0.0	11	Auto-based panel (cargo station wagon, auto-based Ambulance/Hearse)
4	0.0	12	Large Limousine (more than four side doors or stretch chassis)
0	0.0	13	Three wheeled automobile or automobile derivative

Utility Vehicles

2443	2.4	14	Compact Utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)
324	0.3	15	Large Utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)
491	0.5	16	Utility Station Wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
1422	1.4	19	Utility Vehicle, Unknown Body Type

Van-Based Light Trucks (<4,501 kg GVWR)

2143	2.1	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
530	0.5	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
10	0.0	22	Step van or walk-in van (< 4,500 kg GVWR)
5	0.0	23	Van-based motorhome
9	0.0	24	Van-based School Bus
1	0.0	25	Van-based Other Bus
4	0.0	28	Other van type (Hi-Cube, Kary)

## Variable 155:IMPUTED BODY TYPE (Continued)

1997 Prcnt	Code	Value and Description
3483	3.5	29 Unknown van type
		Lt Conventional Truck (P.U. style cab, <4,501 kg GVWR)
3548	3.5	30 Compact pickup
3387	3.4	31 Large pickup
24	0.0	32 Pickup with slide-in camper
0	0.0	33 Convertible pickup
5737	5.7	39 Unknown (pickup style) light conventional truck
		Other Light Trucks (<4,500 kg GVWR)
7	0.0	40 Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
6	0.0	41 Truck-based panel
5	0.0	42 Light truck-based motorhome (chassis mounted)
2	0.0	45 Other light truck type
2117	2.1	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)
		Buses (excludes van-based)
171	0.2	50 School bus (designed to carry students, not cross country or transit)
182	0.2	58 Other bus (e.g., transit intercity bus-based motorhome)
26	0.0	59 Unknown bus type
		Medium/Heavy Trucks (>4,500 kg GVWR)
73	0.1	60 Step Van
1319	1.3	64 Single unit straight truck
6	0.0	65 Medium/heavy truck-based motorhome
7177	7.2	66 Truck-tractor (cab only, or with any number of trailing units)
2541	2.5	78 Unknown medium/heavy truck type
0	0.0	79 Unknown truck type (light/medium/heavy)
		Motored Cycles (Does not include ATVs/cycles)
1062	1.1	80 Motorcycle
43	0.0	81 Moped (motorized bicycle)
1	0.0	82 Three wheeled motorcycle or moped
11	0.0	88 Other motored cycle type (minibike, motorscooter)
27	0.0	89 Unknown motored cycle type
		Other Vehicles
31	0.0	90 ATV (all terrain vehicle) and ATC (all terrain cycle)
4	0.0	91 Snowmobile
30	0.0	92 Farm equipment other than trucks
59	0.1	93 Construction equipment other than trucks (includes graders)
29	0.0	97 Other type vehicle (e.g., go-cart, fork lift, city street sweeper)



## Variable 158:I PRIOR TO CRITICAL EVEN (Continued)

1997 Prcnt	Code	Value and Description
125	0.1	18 Successful corrective action to a previous critical event
3161	3.2	98 Other

Variable 159	IMPUTED MODEL YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
2	0.0	40 1940 and earlier
		-
4091	4.1	85 1985
5053	5.1	86 1986
5450	5.4	87 1987
6370	6.4	88 1988
6600	6.6	89 1989
6374	6.4	90 1990
6233	6.2	91 1991
6349	6.3	92 1992
7631	7.6	93 1993
8302	8.3	94 1994
9589	9.6	95 1995
8247	8.2	96 1996
6243	6.2	97 1997
514	0.5	98 1998

Variable 160	IMP MAX INJ SEV. IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
69248	69.2	0 No Injury
14726	14.7	1 Possible Injury
10575	10.6	2 Nonincapacitating
4401	4.4	3 Incapacitating
334	0.3	4 Fatal
436	0.4	5 Unknown Injury Severity
2	0.0	6 Died Prior
310	0.3	8 No Person Coded in Crash



---

Variable 161    IMP NUM INJURED IN VEH    Width: 2    Type: Numeric  
Dec:    None    Miss: 99

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
69560	69.5	0 None
24261	24.3	1
		- Actual number of people injured
1	0.0	29

---

Variable 162    IMP VIOLATIONS CHARGED    Width: 2    Type: Numeric  
Dec:    None    Miss: 99

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
71760	71.7	0 None
1471	1.5	1 Alcohol or drugs
2953	3.0	2 Speeding
137	0.1	3 Alcohol or drugs and speeding
665	0.7	4 Reckless driving
357	0.4	5 Driving with a suspended or revoked license
4114	4.1	6 Failure to yield right-of-way
1448	1.4	7 Running a traffic signal or stop sign
3963	4.0	50 Hit & run (and no information)
3990	4.0	97 Violation charged - no details
9174	9.2	98 Other violation

---

Variable 163    IMPUTED VEHICLE ROLE    Width: 1    Type: Numeric  
Dec:    None    Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
2455	2.5	0 Noncollision
56105	56.1	1 Striking
35955	35.9	2 Struck
5517	5.5	3 Both striking and struck

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Variable 164	IMP ALC INVOLVED IN VEH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
4324	4.3	1 Alcohol Involved
95708	95.7	2 No Alcohol Involved
0	0.0	8 No Person Coded

Variable 165	IMP MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
NonCollision		
2079	2.1	1 Rollover/Overturn
60	0.1	2 Fire/Explosion
24	0.0	3 Immersion
136	0.1	5 Jackknife
106	0.1	6 Noncollision injury
434	0.4	8 Other noncollision
2	0.0	9 Noncollision - No details
31	0.0	10 Thrown or falling object
Collision with Object Not Fixed		
1699	1.7	21 Pedestrian
1222	1.2	22 Cycle or cyclist (pedalcycle or pedalcyclist)
33	0.0	23 Railway train
1291	1.3	24 Animal
81509	81.5	25 Motor vehicle in transport
1971	2.0	26 Parked motor vehicle (or motor vehicle not in transport)
33	0.0	27 Other type nonmotorist
596	0.6	28 Other object not fixed
8	0.0	29 Object not fixed - No details
Collision with Fixed Object		
16	0.0	31 Ground
111	0.1	32 Building
12	0.0	33 Impact attenuator or crash cushion
157	0.2	34 Bridge Structure (pier/abutment/parapet end)
1055	1.1	35 Guardrail
681	0.7	36 Concrete traffic barrier or other longitudinal barrier type
1852	1.9	37 Post, Pole or Support (sign post, utility post)
1087	1.1	38 Culvert or Ditch
356	0.4	39 Curb
545	0.5	40 Embankment
374	0.4	41 Fence
169	0.2	42 Wall
81	0.1	43 Fire hydrant
49	0.0	44 Shrubbery or bush

Variable 165:IMP MOST HARMFUL EVENT (Continued)

1997 Prcnt	Code	Value and Description
1518	1.5	45 Tree
68	0.1	46 Boulder
43	0.0	50 Pavement Surface Irregularity (ruts, potholes, grates, plates, etc.)
532	0.5	58 Other fixed object
92	0.1	59 Fixed object - No details

Vehicle VIN Variables

Variables 166 through 195 are information attained from decoding the Vehicle Identification Number (VIN) of the vehicle.

Variable 166	CASE NUMBER	Width: 8	Type: Numeric
		Dec: None	Miss: None

Variable 167	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1997 Prcnt	Code	Value and Description
55562	55.5	1 Vehicle #1
38377	38.4	2 Vehicle #2
4845	4.8	3 Vehicle #3
956	1.0	4 Vehicle #4
201	0.2	5 Vehicle #5
49	0.0	6 Vehicle #6
20	0.0	7 Vehicle #7
12	0.0	8 Vehicle #8
4	0.0	9 Vehicle #9
3	0.0	10 Vehicle #10
2	0.0	11 Vehicle #11
1	0.0	12 Vehicle #12

Variable 168	VIN VEHICLE MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1997 Prcnt	Code	Value and Description
306	0.3	1 American Motors
1087	1.1	2 Jeep
0	0.0	3 AM General
1022	1.0	6 Chrysler
3669	3.7	7 Dodge

## Variable 168:VIN VEHICLE MAKE (Continued)

1997	Prcnt	Code	Value and Description
0	0.0	8	Imperial
1590	1.6	9	Plymouth
197	0.2	10	Eagle
13269	13.3	12	Ford
668	0.7	13	Lincoln
1972	2.0	14	Mercury
2429	2.4	18	Buick
1073	1.1	19	Cadillac
11304	11.3	20	Chevrolet
2631	2.6	21	Oldsmobile
3097	3.1	22	Pontiac
2043	2.0	23	GMC
536	0.5	24	Saturn
0	0.0	25	Grumman
0	0.0	29	Oth Domest Pass
459	0.5	30	Volkswagen
5	0.0	31	Alfa Romeo
110	0.1	32	Audi
0	0.0	33	Austin/Austin H
309	0.3	34	BMW
3009	3.0	35	Datsun/NISSAN
3	0.0	36	Fiat
3367	3.4	37	Honda
483	0.5	38	Isuzu
48	0.0	39	Jaguar
0	0.0	40	Lancia
1540	1.5	41	Mazda
303	0.3	42	Mercedes-Benz
10	0.0	43	MG
12	0.0	44	Peugeot
46	0.0	45	Porsche
1	0.0	46	Renault
80	0.1	47	Saab
387	0.4	48	Subaru
4383	4.4	49	Toyota
3	0.0	50	Triumph
508	0.5	51	Volvo
735	0.7	52	Mitsubishi
204	0.2	53	Suzuki
433	0.4	54	Acura
451	0.5	55	Hyundai
6	0.0	56	Merkur
6	0.0	57	Yugo
99	0.1	58	Infiniti
147	0.1	59	Lexus
22	0.0	60	Daihatsu
5	0.0	61	Sterling
16	0.0	62	Land Rover
0	0.0	63	KIA
0	0.0	69	Oth Foreign Pass
0	0.0	70	BSA
0	0.0	71	Ducati

Variable 168:VIN VEHICLE MAKE (Continued)

1997 Prcnt	Code	Value and Description
132	0.1	72 Harley-Davidson
109	0.1	73 Kawasaki
0	0.0	74 Moto-Guzzi
0	0.0	75 Norton
91	0.1	76 Yamaha
0	0.0	78 Other Mopeds
0	0.0	79 Other Motorcycle
0	0.0	80 Brockway
0	0.0	81 Diamond Reo/REO
1351	1.4	82 Freightliner
4	0.0	83 FWD
1696	1.7	84 IH/NAVISTAR
722	0.7	85 Kenworth
665	0.7	86 Mack
648	0.6	87 Peterbilt
5	0.0	88 Iveco/MAGIRUS
38	0.0	89 Other Trks/Buses
105	0.1	98 Other Vehicle
30383	30.4	99 Unknown

---

Variable 169      VIN VEHICLE TYPE      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

1997 Prcnt	Code	Value and Description
43157	43.1	1 Passenger vehicles
27129	27.1	2 Trucks
841	0.8	3 Motorcycles
28905	28.9	9 Unknown

---

Variable 170      NCIC STANDARD MAKE CODE      Width: 5      Type: Alphabetic  
Dec:    None      Miss: None

1997 Prcnt	Code	Value and Description
	ACUR	Acura
	ALFA	Alfa Romeo
	AMER	American Motors
	AUDI	Audi
	BMW	BMW
	BSA	BSA
	BUIC	Buick
	CADI	Cadillac
	CHEV	Chevrolet
	CHRY	Chrysler
	DAIH	Daihatsu
	DATS	Datsun/NISSAN

## Variable 170:NCIC STANDARD MAKE CODE (Continued)

1997 Prcnt Code Value and Description

DODG	Dodge
EGIL	Eagle
FIAT	Fiat
FORD	Ford
FRHT	Freightliner
FWD	FWD
GMC	GMC
HD	Harley-Davidson
HOND	Honda
HYUN	Hyundai
INFI	Infiniti
IHC	IH/NAVISTAR
ISU	Isuzu
JAGU	Jaguar
JEEP	Jeep
KAWK	Kawasaki
KIA	KIA
KW	Kenworth
LEXS	Lexus
LINC	Lincoln
LNDR	Land Rover
MACK	Mack
MAZD	Mazda
MERZ	Mercedes-Benz
MERC	Mercury
MERK	Merkur
MG	MG
MITA	Mitsubishi
NAVI	Navistar
NORT	Norton
NISS	Nissan
OLDS	Oldsmobile
PLYM	Plymouth
PONT	Pontiac
PORS	Porsche
RENA	Renault
SAA	Saab
STRN	Saturn
STLG	Sterling
SUBA	Subaru
SUZI	Suzuki
TRIU	Triumph
TOYT	Toyota
VOLK	Volkswagen
VOLV	Volvo
YAMA	Yamaha
YUGO	Yugo
9999	Unknown

---

Variable 171	<u>VINA MOD</u>	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

---

1997 Prcnt    Code Value and Description

999    Unknown

---

Variable 172	<u>TRUCK SERIES CODE</u>	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

---

1997 Prcnt    Code Value and Description

000    Not applicable  
999    Unknown

---

Variable 173	<u>VIN MODEL YEAR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1997 Prcnt    Code Value and Description

36	0.0	66	1966	-			
2870	2.9	85	1985				
3470	3.5	86	1986				
3807	3.8	87	1987				
4430	4.4	88	1988				
4592	4.6	89	1989				
4464	4.5	90	1990				
4465	4.5	91	1991				
4634	4.6	92	1992				
5465	5.5	93	1993				
6037	6.0	94	1994				
6743	6.7	95	1995				
5870	5.9	96	1996				
4412	4.4	97	1997				
440	0.4	98	1998				
29084	29.1	99	Unknown				

---

Variable 174	<u>BASE LIST PRICE</u>	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

---

1997 Prcnt    Code Value and Description

1	0.0	455	-				
1	0.0	99500					
45427	45.4	99999	Unknown				

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Variable 175	ORIGINAL TIRE SIZE	Width: 6	Type: Alphabetic
		Dec: None	Miss: None

The first two positions represent rim size, and the remaining position represent tire size

1997 Prcnt	Code	Value	Description
	000000		Not applicable
	999999		Unknown

Variable 176	WHEEL BASE	Width: 4	Type: Numeric
		Dec: 1	Miss: 999.9

Wheel base measured in inches, number has one decimal implied

1997 Prcnt	Code	Value	Description
	0	0.0	.0 Not applicable
	26	0.0	79.9
			-
	6	0.0	237.0
40467	40.5	999.9	Unknown

Variable 177	LONGEST WHEEL BASE	Width: 4	Type: Numeric
		Dec: 1	Miss: 999.9

Wheel base measured in inches, number has one decimal implied

1997 Prcnt	Code	Value	Description
	48502	48.5	.0 Not applicable
	3	0.0	89.8
			-
	2	0.0	340.0
40467	40.5	999.9	Unknown

Variable 178	VIN BODY TYPE	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

1997 Prcnt	Code	Value	Description
	2D		Sedan 2 Dr.
	2F		Formal Hardtop 2 Dr.
	2H		Hatchback 2 Dr.
	2L		Liftback 3 Dr.
	2P		Pillard Hardtop 2 Dr.
	2T		Hardtop 2 Dr.
	2W		Wagon 2 Dr.
	3D		Runabout 3 Dr.



Variable 178:VIN BODY TYPE (Continued)

1997 Prcnt	Code	Value and Description
	4D	Sedan 4 Dr.
	4H	Hatchback 4 Dr.
	4L	Liftback 5 Dr.
	4P	Pillard Hardtop 4 Dr.
	4T	Hardtop 4 Dr.
	4W	4 Dr. Wagon
	5D	Sedan 5 Dr.
	8V	8 Passenger
	AR	Armored Truck
	AT	All Terrain
	BU	Bus
	AC	Auto Carrier
	AM	Ambulance
	CB	Cab & Chassis (Luv)
	CC	Conventional Cab
	CG	Cargo Van
	CH	Crew Chassis
	CL	Club Chassis
	CM	Concrete or Transit Mixer
	CP	Coupe or Crew Pickup (Trucks)
	CR	Crane
	CS	Super Cab or Chassis Pickup
	CU	Custom Pickup
	CV	Convertible
	CY	Cargo Cutaway
	DP	Dump
	DS	Tractor Truck
	EC	Extended Cargo Van
	EN	Enduro
	ES	Extended Sport Van
	EV	Ext Van
	EW	Extended Window van
	FB	Flatbed or Platform
	FC	Forward Control
	FT	Fire Truck
	GG	Garbage or Refuse
	GL	Gliders
	GN	Grain
	HB	Hatchback
	HO	Hopper
	HR	Hearse
	HT	Hardtop
	IC	Incomplete Chasis
	IE	Incomplete Ext. Van
	LB	Liftback
	LG	Logger
	LL	Suburban and Carry-all
	LM	Limousine
	MH	Motorized Home
	MK	MiniBike
	MM	Mini Moto Cross
	MP	Multi Purpose (Truck), Moped (Motorcycles)

## Variable 178:VIN BODY TYPE (Continued)

1997 Prcnt Code Value and Description

MR	Miniroad
MS	Motor Scooter
MX	Motocross
MV	Maxi Van
MY	Motorized Cutaway
NB	Notchback
PC	Club Cab Pickup
PD	Parcel Delivery
PK	Pickup
PM	Pickup with Camper
PN	Panel
PS	Super Cab Pickup
RC	Racer
RD	Roadster
RS	Road/Street
RT	Road/Trail
SB	Sport Hatchback
SC	Sport Coupe
SD	Sedan
SN	Step Van
SP	Sport Pickup
ST	Stake or Rack
SV	Sport Van
SW	Station Wagon
S1	One Seat
S2	Two Seat
TB	Tilt Cab
T	Dirt
TL	Tilt Tandem
TM	Tandem
TN	Tank
TR	Tractor Truck (Gas)
UT	Utility
VC	Van Camper
VD	Display Van
VN	Van
VT	Vanette
VW	Window Van
WK	Tow Truck Wrecker
WW	Wide Wheel Wagon
XT	Travelall
YY	Cutaway
00	Not Applicable
99	Unknown

Variable 179      CUBIC INCH DISPLACEMENT      Width: 4      Type: Numeric  
Dec: None      Miss: 9999

1997 Prcnt	Code	Value and Description
0	0.0	0 Not Applicable
281	0.3	61
		-
5	0.0	998
36397	36.4	9999 Unknown

Variable 180      NUMBER OF CYLINDERS      Width: 2      Type: Numeric  
Dec: None      Miss: 99

1997 Prcnt	Code	Value and Description
60	0.1	1 1 cylinder
236	0.2	2 2 cylinders
290	0.3	3 3 cylinders
24382	24.4	4 4 cylinders
161	0.2	5 5 cylinders
26189	26.2	6 6 cylinders
13441	13.4	8 8 cylinders
20	0.0	10 10 cylinders
12	0.0	12 12 cylinders
73	0.1	88 Rotary
35168	35.2	99 Unknown

Variable 181      CARBURETION      Width: 1      Type: Alphabetic  
Dec: None      Miss: None

1997 Prcnt	Code	Value and Description
	0	Not Applicable
	A	Barrels=1, Lower HP
	B	Barrels=1, Higher HP
	C	Barrels=1, Turbo
	D	Barrels=1, Turbo Low HP
	E	Barrels=1, Turbo High HP
	F	Barrels=unknown, Fuel Inj
	G	Barrels=1, Electronic
	H	Barrels=unknown, High Performance
	J	Barrels=2, Low HP
	K	Barrels=2, Higher HP
	L	Barrels=2, Turbo
	M	Barrels=2, Turbo Low HP
	N	Barrels=2, Turbo High HP
	P	Barrels=2, Electronic
	Q	Barrels=unknown, Electronic
	R	Barrels=4, Electronic
	S	Barrels=4, Lower HP
	T	Barrels=1/2/4, Turbo Fuel Injected

## Variable 181: CARBURETION (Continued)

1997 Prcnt	Code	Value and Description
	U	Barrels=4, Higher HP
	V	Barrels=4, Turbo
	W	Barrels=4, Turbo Low HP
	X	Barrels=4, Turbo High HP
	Y	Barrels=unknown, Turbo
	Z	Barrels=unknown, Supercharged
	9	Unknown

Variable 182	FUEL CODE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1997 Prcnt	Code	Value and Description
0	0.0	0 Not Applicable
57396	57.4	1 Gasoline
7276	7.3	2 Diesel
7	0.0	3 Electric
46	0.0	4 Propane
12	0.0	5 Natural Gas
33	0.0	6 Flexible Fuel
0	0.0	7 Ethanol/Methanol
1	0.0	8 Convert from Gas
35261	35.2	9 Unknown

Variable 183	TRUCK GROSS VEH WEIGHT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## TRUCK GROSS VEHICLE WEIGHT (GVWR)

1997 Prcnt	Code	Value and Description
43157	43.1	0 Not Applicable
12495	12.5	1 < 6,000
5456	5.5	2 6,001 to 10,000
323	0.3	3 10,001 to 14,000
174	0.2	4 14,001 to 16,000
75	0.1	5 16,001 to 19,500
536	0.5	6 19,501 to 26,000
910	0.9	7 26,001 to 33,000
4769	4.8	8 33,001 and more
32137	32.1	9 Weight Unknown

Variable 184      TOTAL NUMBER OF WHEELS      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

1997 Prcnt    Code Value and Description

43157	43.1	0	Not Applicable
20260	20.3	4	4 wheels
4373	4.4	6	6 wheels
18	0.0	8	8 wheels
32224	32.2	9	Unknown

Variable 185      NUMBER OF DRIVING WHEELS      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

1997 Prcnt    Code Value and Description

43157	43.1	0	Not Applicable
15046	15.0	2	2 driving wheels
9587	9.6	4	4 driving wheels
18	0.0	6	6 driving wheels
32224	32.2	9	Unknown

Variable 186      TON RATING      Width: 2      Type: Alphabetic  
Dec:    None      Miss: None

1997 Prcnt    Code Value and Description

		00	Not Applicable
		99	Unknown
		AA	1/4 ton
		BB	1/2 ton
		CC	3/4 ton
		DD	1 ton
		EE	1 1/2 ton
		FF	1 3/4 ton
		GG	2 tons
		HH	2 1/2 tons
		II	3 tons
		JJ	3 1/2 tons
		KK	4 tons
		LL	4 1/2 tons
		MM	5 tons
		NN	6 tons
		OO	7 tons
		PP	8 tons
		QQ	9 tons
		RR	10 or more tons

General Estimates System (GES)  
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Variable 187	<u>LIST PRICE VARIANCE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1997 Prcnt	Code	Value and Description
43157	43.1	0 Not Applicable
1694	1.7	1 \$100 difference
		-
2	0.0	97 \$9700 difference
46542	46.5	99 Unknown

---

Variable 188	<u>SHIPPING WEIGHT</u>	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

---

1997 Prcnt	Code	Value and Description
1	0.0	93
		-
1	0.0	24353
36971	37.0	99999 Unknown

---

Variable 189	<u>SHIPPING WEIGHT VARIANCE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1997 Prcnt	Code	Value and Description
43157	43.1	0 Not Applicable
6421	6.4	1 100 pound difference
		-
1	0.0	72 7200 pound differnce
45625	45.6	99 Unknown

---

Variable 190	<u>MCYCL ENGIN DISPLACEMENT</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

---

Motorcycle Engine Displacement

1997 Prcnt	Code	Value and Description
70286	70.3	0 Not Applicable
7	0.0	49
		-
5	0.0	1520
29159	29.1	9999 Unknown

General Estimates System (GES)  
1997 - Vehicle

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Variable 191	<u># MTRCYCL ENGINE CYCLES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1997 Prcnt	Code	Value and Description
70286	70.3	0 Not Applicable
22	0.0	2 2-Stroke Engine
575	0.6	4 4-Stroke Engine
0	0.0	5 Rotary
29149	29.1	9 Unknown

---

Variable 192	<u>ANTI LOCK BRAKES (ABS)</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1997 Prcnt	Code	Value and Description
19621	19.6	1 Not Available
9792	9.8	2 4 wheel standard
5650	5.6	3 Rear only standard
1518	1.5	4 ABS standard, wheels unknown
7950	7.9	5 4 wheel optional
347	0.3	6 Rear only option
3984	4.0	7 ABS optional, wheels unknown
51170	51.2	9 Unknown

---

Variable 193	<u>FRONT WHEEL DRIVE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1997 Prcnt	Code	Value and Description
26832	26.8	1 Yes
22031	22.0	2 No
0	0.0	3 Some in series
51169	51.2	9 Unknown

---

Variable 194	<u>FOUR WHEEL DRIVE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1997 Prcnt	Code	Value and Description
326	0.3	1 Yes
48489	48.5	2 No
48	0.0	3 Some of the series
51169	51.2	9 Unknown

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Variable 195	RESTRAINT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99
1997 Prcnt	Code Value and Description		
24414 24.4	1 Active (manual)		
8907 8.9	2 Passive (Automatic) belts		
9046 9.0	3 Driver front air bag, Passenger side active belts		
1743 1.7	4 Driver front air bag, Passenger side passive belts		
685 0.7	5 Driver front air bag, Passenger side belt unknown		
13954 13.9	6 Dual front air bags, active belts		
403 0.4	7 Dual front air bags, passive belts		
543 0.5	8 Dual front air bags, belt system unknown		
40267 40.3	9 Unknown		
68 0.1	10 Dual air bags front and sides, active belts		
0 0.0	11 Dual air bags front and sides, belts unknown		
0 0.0	12 Dual air bags front, head and sides, belts unknown		
0 0.0	13 Dual air bags front, head and sides, active belts		
0 0.0	14 Dual air bags front and sides, passive belts		
2 0.0	15 Dual air bags front, head and sides, passive belts		



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

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

1997	Prcnt	Code	Value and Description
78472	55.1	1	Vehicle #1
55450	38.9	2	Vehicle #2
6735	4.7	3	Vehicle #3
1337	0.9	4	Vehicle #4
272	0.2	5	Vehicle #5
56	0.0	6	Vehicle #6
21	0.0	7	Vehicle #7
12	0.0	8	Vehicle #8
5	0.0	9	Vehicle #9
3	0.0	10	Vehicle #10
2	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12

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

1997	Prcnt	Code	Value and Description
99722	70.0	1	
		-	Occupant number
1	0.0	30	

General Estimates System (GES)  
1997 - Occupant

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

Indicates the role of the occupant in the vehicle

1997 Prcnt	Code	Value and Description
Motorists		
99688	70.0	1 Driver of motor vehicle in transport
42653	30.0	2 Passenger of a motor vehicle in transport
25	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

1997 Prcnt	Code	Value and Description
99672	70.0	11 Front seat - left side (driver's side)
1132	0.8	12 Front seat - middle
22078	15.5	13 Front seat - right side
8	0.0	18 Front seat - other
223	0.2	19 Front seat - unknown
4710	3.3	21 Second seat - left side
2089	1.5	22 Second seat - middle
5866	4.1	23 Second seat - right side
1	0.0	28 Second seat - other
277	0.2	29 Second seat - unknown
159	0.1	31 Third seat - left side
99	0.1	32 Third seat - middle
159	0.1	33 Third seat - right side
5	0.0	38 Third seat - other
15	0.0	39 Third seat - unknown
41	0.0	50 Sleeper section of cab (truck)
237	0.2	51 Other passenger in passenger or cargo area
10	0.0	52 Trailing unit
105	0.1	53 Riding on vehicle exterior
5480	3.8	99 Unknown

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

Occupant restraint system use

1997 Prcnt	Code	Value and Description
13158	9.2	0 None used or N/A
82933	58.3	1 Lap/shoulder belt
5626	4.0	2 Lap belt

Variable 206:OCC RESTRAINT SYSTEM USE (Continued)

1997 Prcnt	Code	Value and Description
897	0.6	3 Shoulder belt
746	0.5	5 Motorcycle helmet
2322	1.6	6 Child safety seat
327	0.2	7 None available
15948	11.2	8 Restraint used - specifics unknown or other
20409	14.3	9 Unknown if used

---

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

---

1997 Prcnt	Code	Value and Description
34640	24.3	0 None or N/A
239	0.2	1 Automatic (Passive)
29764	20.9	2 Manual (Active)
77723	54.6	9 Unknown type

---

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

---

1997 Prcnt	Code	Value and Description
67679	47.5	0 No Air Bag available
4841	3.4	1 Deployed
13777	9.7	2 Non-deployed
56069	39.4	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

---

1997 Prcnt	Code	Value and Description
142070	99.8	0 Not ejected
219	0.2	1 Totally ejected
38	0.0	2 Partially ejected
22	0.0	7 Ejected - no details
17	0.0	9 Unknown

General Estimates System (GES)  
1997 - Occupant

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

1997 Prcnt	Code	Value and Description
600	0.4	0 Up to one year
775	0.5	1
		- Age in years
5	0.0	96
14	0.0	97 97 years or older
13041	9.2	99 Unknown

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

1997 Prcnt	Code	Value and Description
78484	55.1	1 Male
53501	37.6	2 Female
10381	7.3	9 Unknown

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

## Occupant injury severity

1997 Prcnt	Code	Value and Description
98434	69.1	0 O - No injury
19536	13.7	1 C - possible injury
12705	8.9	2 B - nonincapacitating injury
5309	3.7	3 A - incapacitating injury
361	0.3	4 K - fatal injury
629	0.4	5 U - Injured - severity unknown
3	0.0	6 Died prior to crash
5389	3.8	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

1997 Prcnt	Code	Value and Description
118070	82.9	0 No
22521	15.8	1 Yes
1775	1.2	9 Unknown

Variable 215      OCCUPANT IMPAIRMENT      Width: 2      Type: Numeric  
Dec: None      Miss: 99

1997 Prcnt      Code Value and Description

136548	95.9	0	None
186	0.1	1	Ill, blackout
600	0.4	2	Drowsy, sleepy, fell asleep, fatigued
1	0.0	3	Requires cane or crutches
2	0.0	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
6	0.0	6	Deaf
0	0.0	7	Blind
141	0.1	97	Physical impairment - no details
298	0.2	98	Other physical impairments
4584	3.2	99	Unknown if physically impaired

Variable 216      PAR ALCOHOL INVOLVEMENT      Width: 1      Type: Numeric  
Dec: None      Miss: 9

Police Crash Report alcohol involvement

1997 Prcnt      Code Value and Description

132905	93.4	0	No (alcohol not involved)
3162	2.2	1	Yes (alcohol involved)
2	0.0	7	Alcohol and/or drugs involved
1772	1.2	8	Not reported
4525	3.2	9	Unknown (police reported)

Variable 217      PAR DRUG INVOLVEMENT      Width: 1      Type: Numeric  
Dec: None      Miss: 9

Police Crash Report drug involvement

1997 Prcnt      Code Value and Description

134859	94.7	0	No (drugs not involved)
189	0.1	1	Yes (drugs involved)
2	0.0	7	Drugs and/or alcohol involved
2445	1.7	8	Not reported
4871	3.4	9	Unknown (police reported)

Variable 218      FILLER      Width: 2      Type: Numeric  
Dec: None      Miss: 99

General Estimates System (GES)  
1997 - Occupant

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

Variable 220	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

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

1997 Prcnt	Code	Value and Description
67627	47.5	1 Group 1 - All crashes involving a towed passenger vehicle, i.e. a passenger car, utility vehicle, light truck or van, no medium or heavy trucks
25074	17.6	2 Group 2 - All crashes involving a medium or heavy truck and where at least one passenger vehicle was towed or involved person was injured
13765	9.7	3 Group 3 - All crashes not involving a towed passenger vehicle or medium or heavy truck, but one in which an involved person was injured
35900	25.2	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

1997 Prcnt	Code	Value and Description
19204	13.5	1 Northeast
39108	27.5	2 Midwest
59839	42.0	3 South
24215	17.0	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

1997 Prct	Code	Value and Description
714	0.5	0 Up to one year
919	0.6	1
		- Age in years
5	0.0	96
14	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

1997 Prct	Code	Value and Description
138042	97.0	0 No (alcohol not involved)
4322	3.0	1 Yes (alcohol involved)
2	0.0	7 Alcohol and/or drugs involved
0	0.0	8 Not reported

---

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

---

This variable was imputed by NHTSA

1997 Prct	Code	Value and Description
142087	99.8	0 Not ejected
219	0.2	1 Totally ejected
38	0.0	2 Partially ejected
22	0.0	7 Ejected - no details

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

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
103300	72.6	0 O - No injury
19821	13.9	1 C - possible injury
12888	9.1	2 B - nonincapacitating injury
5334	3.7	3 A - incapacitating injury
368	0.3	4 K - fatal injury
652	0.5	5 U - Injured - severity unknown
3	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

1997 Prcnt	Code	Value and Description
100439	70.5	11 Front seat - left side (driver's side)
1319	0.9	12 Front seat - middle
24680	17.3	13 Front seat - right side
0	0.0	18 Front seat - other
0	0.0	19 Front seat - unknown
5398	3.8	21 Second seat - left side
2693	1.9	22 Second seat - middle
6763	4.8	23 Second seat - right side
0	0.0	28 Second seat - other
0	0.0	29 Second seat - unknown
210	0.1	31 Third seat - left side
135	0.1	32 Third seat - middle
244	0.2	33 Third seat - right side
0	0.0	38 Third seat - other
0	0.0	39 Third seat - unknown
52	0.0	50 Sleeper section of cab (truck)
304	0.2	51 Other passenger in passenger or cargo area
10	0.0	52 Trailing unit
119	0.1	53 Riding on vehicle exterior

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

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
84892	59.6	1 Male
57474	40.4	2 Female



The NONMOTORIST Variables

Variables 301 through 330 describe the Nonmotorists involved in the Accident. The Nonmotorist data set contains these variables along with the Accident variables, the Vehicle variables for the striking vehicle and the Occupant variables for the driver of the striking vehicle on a Nonmotorist level.

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

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

Vehicle number which made contact with the nonmotorist

1997	Prcnt	Code	Value and Description
3501	2.5	1	Vehicle #1
20	0.0	2	Vehicle #2
3	0.0	3	Vehicle #3

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

1997	Prcnt	Code	Value and Description
3253	2.3	1	- Nonmotorist number
2	0.0	7	

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

Indicates the role of the nonmotorist

1997	Prcnt	Code	Value and Description
Nonmotorists - Occupant			
339	0.2	3	Occupant of a motor vehicle not in transport
76	0.1	4	Occupant of a non-motor vehicle transport device
Nonmotorists - Non-occupant			
1838	1.3	5	Pedestrian
1266	0.9	6	Cyclist (pedalcyclist)

Variable 304:NONMOTORIST TYPE (Continued)

1997 Prcnt	Code	Value and Description
5	0.0	8 Other or unknown non-occupant

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	NONMOT SAFETY EQUIP USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Nonmotorist safety equipment use

1997 Prcnt	Code	Value and Description
3254	2.3	0 None used or N/A
92	0.1	1 Bicycle helmet
3	0.0	2 Reflective equipment
1	0.0	3 Bicycle helmet and reflective equipment
15	0.0	8 Other safety equipment
159	0.1	9 Unknown if used

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

Variable 311	NONMOTORIST AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1997 Prcnt Code Value and Description

10	0.0	0	Up to one year
21	0.0	1	- Age in years
1	0.0	96	
0	0.0	97	97 years or older
115	0.1	99	Unknown

Variable 312	NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1997 Prcnt Code Value and Description

2353	1.7	1	Male
1128	0.8	2	Female
43	0.0	9	Unknown

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

Nonmotorist injury severity

1997 Prcnt Code Value and Description

290	0.2	0	O - No injury
256	0.2	1	C - possible injury
1996	1.4	2	B - nonincapacitating injury
812	0.6	3	A - incapacitating injury
98	0.1	4	K - fatal injury
39	0.0	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash
33	0.0	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

1997 Prcnt Code Value and Description

985	0.7	0	No
2364	1.7	1	Yes
175	0.1	9	Unknown

General Estimates System (GES)  
1997 - Nonmotorist

---

Variable 315	<u>NMTR PHYSICAL IMPAIRMENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1997 Prcnt	Code	Value	and Description
3439	2.4	0	None
0	0.0	1	Ill, blackout
0	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
5	0.0	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
1	0.0	6	Deaf
1	0.0	7	Blind
3	0.0	97	Physical impairment - no details
9	0.0	98	Other physical impairments
66	0.0	99	Unknown if physically impaired

---

Variable 316	<u>PAR ALCOHOL INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Police Crash Report alcohol involvement

1997 Prcnt	Code	Value	and Description
3158	2.2	0	No (alcohol not involved)
147	0.1	1	Yes (alcohol involved)
0	0.0	7	Alcohol and/or drugs involved
144	0.1	8	Not reported
75	0.1	9	Unknown (police reported)

---

Variable 317	<u>PAR DRUG INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Police Crash Report drug involvement

1997 Prcnt	Code	Value	and Description
3253	2.3	0	No (drugs not involved)
3	0.0	1	Yes (drugs involved)
0	0.0	7	Drugs and/or alcohol involved
189	0.1	8	Not reported
79	0.1	9	Unknown (police reported)

---

Variable 318	<u>NONMOTORIST ACTION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1997 Prcnt	Code	Value	and Description
1272	0.9	0	No action

Variable 318:NONMOTORIST ACTION (Continued)

1997 Prcnt	Code	Value and Description
Nonmotorist Vehicle Operator		
2	0.0	1 Failing to have lights on when required
8	0.0	2 Operating without required equipment
23	0.0	3 Improper or erratic lane changing
4	0.0	4 Failure to keep in proper lane or running off road
80	0.1	5 Making improper entry to or exit from trafficway
33	0.0	6 Operating the vehicle in erratic, reckless, negligent manner
323	0.2	7 Failure to yield right of way
14	0.0	8 Failure to obey traffic signs/control devices/officers, failure to observe safety zone
38	0.0	9 Making other improper turns
197	0.1	10 Driving on wrong side of road
Other Nonmotorists		
432	0.3	21 Darting or running into road
405	0.3	22 Improper crossing of roadway or intersection (jaywalking)
1	0.0	24 Inattentive (talking, eating, etc.)
8	0.0	25 Jogger
4	0.0	26 Nonmotorist pushing vehicle
64	0.0	27 Walking with traffic
22	0.0	28 Walking against traffic
142	0.1	29 Playing, working, sitting, lying, standing, etc. in roadway
318	0.2	98 Other action
134	0.1	99 Unknown action

---

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

Nonmotorist location

1997 Prcnt	Code	Value and Description
0	0.0	0 Not applicable - driver or occupant of MV in transport
324	0.2	1 Intersection - in crosswalk
1025	0.7	2 Intersection - on roadway
8	0.0	8 Intersection - other
10	0.0	9 Intersection - unknown location
22	0.0	11 Nonintersection - in crosswalk
1609	1.1	12 Nonintersection - on roadway
365	0.3	18 Nonintersection - other
9	0.0	19 Nonintersection - unknown location
10	0.0	20 In crosswalk - unknown if intersection
120	0.1	98 Other location
22	0.0	99 Unknown location

General Estimates System (GES)  
1997 - Nonmotorist

Variable 320	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

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

1997 Prcnt    Code Value and Description

237	0.2	1	Group 1 - All crashes involving a towed passenger vehicle, i.e. a passenger car, utility vehicle, light truck or van, no medium or heavy trucks
157	0.1	2	Group 2 - All crashes involving a medium or heavy truck and where at least one passenger vehicle was towed or involved person was injured
2828	2.0	3	Group 3 - All crashes not involving a towed passenger vehicle or medium or heavy truck, but one in which an involved person was injured
302	0.2	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

1997 Prcnt    Code Value and Description

868	0.6	1	Northeast
832	0.6	2	Midwest
1001	0.7	3	South
823	0.6	4	West

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

Imputed NONMOTORIST Variables

Variables 325 through 330 are imputed versions of previous variables found in the nonmotorist dataset.

---

Variable 325    IMP NONMOTORIST AGE                  Width: 2                  Type: Numeric  
Dec:    None                  Miss: 99

This variable was imputed by NHTSA

1997	Prcnt	Code	Value and Description
10	0.0	0	Up to one year
34	0.0	1	
		-	Age in years
1	0.0	96	
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

1997	Prcnt	Code	Value and Description
3359	2.4	0	No (alcohol not involved)
165	0.1	1	Yes (alcohol involved)
0	0.0	7	Alcohol and/or drugs involved
0	0.0	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

1997	Prcnt	Code	Value and Description
301	0.2	0	O - No injury
269	0.2	1	C - possible injury
2001	1.4	2	B - nonincapacitating injury
814	0.6	3	A - incapacitating injury
100	0.1	4	K - fatal injury

## Variable 328:IMP NMTR INJURY SEVERITY (Continued)

1997 Prcnt	Code	Value and Description
39	0.0	5 U - Injured - severity unknown
0	0.0	6 Died prior to crash

Variable 329	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Variable 330	IMPUTED NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

1997 Prcnt	Code	Value and Description
2377	1.7	1 Male
1147	0.8	2 Female



GES 1997

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
"rubbernecking"	107	5	Other crash ("rubbernecking")
"yield"	138	460	Entering From "Yield" Entrance (Ramp/Cha
abandoned	135	4	Abandoned
abs	192	*	ANTI LOCK BRAKES(ABS)
absorber	123	4	Suspension - springs, shock absorbers, m
abutment	11	34	Bridge Structure (pier/abutment/parapet
abutment	39	34	Bridge Structure (pier/abutment/parapet
abutment	136	34	Bridge Structure (pier/abutment/parapet
abutment	165	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	47	3	Driveway, Alley Access, Etc.
access	138	430	Entering Driveway, Alley Access, Etc.
across	138	411	Entering Intersection - Straight Across
action	26	15	The motorist and the cyclist counteract
action	137	18	Successful corrective action to a previo
action	139	*	CORRECTIVE ACTION ATTEMP
action	141	99	Vehicle Path After Corrective Action Unk
action	158	18	Successful corrective action to a previo
action	318	*	NONMOTORIST ACTION
active	21	61	Active devices (gates, flashing lights,
active	50	61	Active devices (gates, flashing lights,
active	195	1	Active (manual)
active	207	2	Manual (Active)
acura	109	54	Acura
acura	168	54	Acura
adverse	24	1	No adverse atmospheric related driving c
adverse	51	1	No adverse atmospheric related driving c
advisory	21	40	Advisory Speed Sign
advisory	50	40	Advisory Speed Sign
aerostar	112	20	Minivan (Astro, Caravan, Plymouth Vista,
aerostar	155	20	Minivan (Astro, Caravan, Plymouth Vista,
age	211	*	OCCUPANT AGE
age	225	*	IMPUTED OCCUPANT AGE
age	311	*	NONMOTORIST AGE
age	325	*	IMPUTED NONMOTORIST AGE
ahead	21	43	Warning Sign for Environment/Traffic (fo
ahead	26	19	Cyclist turns left in front of motorist
ahead	50	43	Warning Sign for Environment/Traffic (fo
air	195	3	Driver front air bag, Passenger side act
air	208	0	No Air Bag available
airbag	208	*	AIRBAG AVAIL/FUNCTION
alcohol	29	*	ALCOHOL INVOLVED IN ACC
alcohol	37	*	IMP ALC INVOLVED IN ACC
alcohol	104	1	Alcohol or drugs
alcohol	146	*	ALCOHOL INVOLVED IN VEH
alcohol	162	1	Alcohol or drugs
alcohol	164	*	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

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
alcohol	326	*	IMP PAR ALC INVOLVEMENT
alfa	109	31	Alfa Romeo
alfa	168	31	Alfa Romeo
alignment	18	*	ROADWAY ALIGNMENT
alignment	38	*	IMP ROADWAY ALIGNMENT
alley	14	3	Driveway, Alley Access, Etc.
alley	22	0	No statutory limit (parking lot, alley,
alley	26	1	Cyclist fails to yield to motorist at a
alley	47	3	Driveway, Alley Access, Etc.
alley	48	0	No statutory limit (parking lot, alley,
alley	138	430	Entering Driveway, Alley Access, Etc.
ambulance	112	11	Auto based panel (cargo station wagon, a
ambulance	116	6	Ambulance
ambulance	155	11	Auto based panel (cargo station wagon, a
american	109	1	American Motors
american	110	+	Rambler/American
american	168	1	American Motors
angle	12	4	Angle
angle	42	4	Angle
animal	11	24	Animal
animal	39	24	Animal
animal	106	3	Animal in road
animal	136	24	Animal
animal	138	830	Animal in Roadway
animal	165	24	Animal
anti	192	*	ANTI LOCK BRAKES(ABS)
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	155	20	Minivan (Astro, Caravan, Plymouth Vista,
atc	112	90	ATV (all terrain vehicle) and ATC (all t
atc	155	90	ATV (all terrain vehicle) and ATC (all t
atmospheric	24	*	ATMOSPHERIC CONDITION
atmospheric	51	*	I ATMOSPHERIC CONDITION
attemp	139	*	CORRECTIVE ACTION ATTEMP
attempted	139	0	Not Applicable/No corrective action atte
attenuator	11	33	Impact attenuator or crash cushion
attenuator	39	33	Impact attenuator or crash cushion
attenuator	136	33	Impact attenuator or crash cushion
attenuator	165	33	Impact attenuator or crash cushion
atv	112	90	ATV (all terrain vehicle) and ATC (all t
atv	155	90	ATV (all terrain vehicle) and ATC (all t
audi	109	32	Audi
audi	168	32	Audi
august	2	8	August
austin	109	33	Austin/Austin Healey
austin	168	33	Austin/Austin H
auto	112	10	Auto based pickup (includes El Camino, C
auto	113	7	Auto Transporter
auto	155	10	Auto based pickup (includes El Camino, C
automatic	195	2	Passive (Automatic) belts
automatic	207	1	Automatic (Passive)
automobile	112	8	Other automobile type
automobile	155	8	Other automobile type
avoid	106	*	DRIVER MANEUVER TO AVOID

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 purposes)
backing	158	13	Backing up (other than parking)
bag	195	3	Driver front air bag, Passenger side act
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	39	36	Concrete traffic barrier or other longit
barrier	136	36	Concrete traffic barrier or other longit
barrier	165	36	Concrete traffic barrier or other longit
beacon	21	4	Flashing traffic control signal or flash
beacon	50	4	Flashing traffic control signal or flash
belt	195	2	Passive (Automatic) belts
belt	206	1	Lap/shoulder belt
benz	109	42	Mercedes Benz
bicycle	112	81	Moped (motorized bicycle)
bicycle	155	81	Moped (motorized bicycle)
bicycle	309	1	Bicycle helmet
bicyclist	26	24	Motorist makes right turn in front of cy
big	26	40	Play vehicle (Big wheel, other tricycle,
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	10	Blow Out or Flat Tire
blowing	24	8	Other (smog, smoke, blowing sand/dust/sn
blowing	51	8	Other (smog, smoke, blowing sand/dust/sn
bmw	109	34	BMW
bmw	168	34	BMW
body	112	*	BODY TYPE
body	113	*	CARGO BODY TYPE
body	123	14	Body, doors
body	155	*	IMPUTED BODY TYPE
body	178	*	VIN BODY TYPE
boulder	11	46	Boulder
boulder	39	46	Boulder
boulder	136	46	Boulder
boulder	165	46	Boulder
box	113	2	Van/Enclosed Box
brake	123	2	Brake system
brake	192	*	ANTI LOCK BRAKES(ABS)
braked	139	1	Braked/Slowed
brat	112	10	Auto based pickup (includes El Camino, C
brat	155	10	Auto based pickup (includes El Camino, C
bridge	11	34	Bridge Structure (pier/abutment/parapet
bridge	14	6	On a Bridge
bridge	39	34	Bridge Structure (pier/abutment/parapet
bridge	47	6	On a Bridge
bridge	136	34	Bridge Structure (pier/abutment/parapet
bridge	165	34	Bridge Structure (pier/abutment/parapet
bright	105	2	Reflected glare, bright sunlight, headli

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
brockway	109	80	Brockway
brockway	168	80	Brockway
broken	105	14	Broken or improperly cleaned windshield
bronco	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
bronco	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
bsa	109	70	BSA
bsa	168	70	BSA
buick	109	18	Buick
buick	168	18	Buick
building	11	32	Building
building	39	32	Building
building	105	4	Building, billboard, or other design fea
building	136	32	Building
building	165	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
bus	116	2	Vehicle used as school bus
bus	155	24	Van-based School Bus
buses	168	89	Other Trks/Buses
bush	11	44	Shrubbery or bush
bush	39	44	Shrubbery or bush
bush	136	44	Shrubbery or bush
bush	165	44	Shrubbery or bush
cab	112	40	Cab chassis based (includes rescue vehic
cab	155	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	155	10	Auto based pickup (includes El Camino, C
cadillac	109	19	Cadillac
cadillac	168	19	Cadillac
camino	112	10	Auto based pickup (includes El Camino, C
camino	155	10	Auto based pickup (includes El Camino, C
camper	112	32	Pickup with slide-in camper
camper	155	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 - All crashes involving a towed
car	108	1	Yes, driver or car and driver left scene
car	116	7	Fire truck and car
car	150	1	Group 1 - All crashes involving a towed
car	156	1	Yes, driver or car and driver left scene
car	221	1	Group 1 - All crashes involving a towed
car	321	1	Group 1 - All crashes involving a towed
caravan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
caravan	155	20	Minivan (Astro, Caravan, Plymouth Vista,
carburetion	181	*	CARBURETION
cargo	112	11	Auto based panel (cargo station wagon, a
cargo	113	*	CARGO BODY TYPE
cargo	155	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	154	*	CARRIER'S ID NUMBER

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
carry	112	50	School bus (designed to carry students,
carry	155	50	School bus (designed to carry students,
case	1	*	CASE NUMBER
case	101	*	CASE NUMBER
case	166	*	CASE NUMBER
case	201	*	CASE NUMBER
case	301	*	CASE NUMBER
cases	26	14	Motorist loses control of vehicle while
cassette	107	2	Vehicle instrument display (radio, casse
causing	26	17	Cyclist's path is obstructed; causing cy
cb	107	2	Vehicle instrument display (radio, casse
changing	137	16	Changing lanes
changing	158	16	Changing lanes
changing	318	3	Improper or erratic lane changing
channel	138	460	Entering From "Yield" Entrance (Ramp/Cha
charged	104	*	VIOLATIONS CHARGED
charged	162	*	IMP VIOLATIONS CHARGED
chassis	112	12	Large Limousine (more than four side doo
chassis	155	12	Large Limousine (more than four side doo
cherokee	112	15	Large Utility (Jeep Cherokee, Ramcharger
cherokee	155	15	Large Utility (Jeep Cherokee, Ramcharger
chev	112	16	Utility Station Wagon (Chev. Suburban, G
chev	155	16	Utility Station Wagon (Chev. Suburban, G
chevrolet	109	20	Chevrolet
chevrolet	168	20	Chevrolet
chevy	112	21	Large van (Sportvan, Chevy Van, Club Wag
chevy	155	21	Large van (Sportvan, Chevy Van, Club Wag
child	206	6	Child safety seat
chrysler	109	6	Chrysler
chrysler	168	6	Chrysler
city	112	97	Other type vehicle (e.g., go-cart, fork
city	155	97	Other type vehicle (e.g., go-cart, fork
cj-5	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
cj-5	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
classify	26	37	Insufficient information to classify
cleaned	105	14	Broken or improperly cleaned windshield
clear	26	6	Cyclist fails to clear intersection cont
clockwise	140	2	Vehicle Rotated (Yawed) Clockwise
club	112	21	Large van (Sportvan, Chevy Van, Club Wag
club	155	21	Large van (Sportvan, Chevy Van, Club Wag
code	147	*	DRIVERS ZIP CODE
code	170	*	NCIC STANDARD MAKE CODE
code	172	*	TRUCK SERIES CODE
code	182	*	FUEL CODE
coded	27	8	No Person Coded in Crash
coded	28	98	No Person Coded
coded	29	8	No Person Coded
coded	37	8	No Person Coded
coded	43	8	No Person Coded in Crash
coded	45	99	No Person Coded
coded	144	8	No Person Coded in Crash
coded	145	98	No person coded
coded	146	8	No Person Coded
coded	160	8	No Person Coded in Crash
coded	161	99	Not applicable - No occupants coded for
coded	164	8	No Person Coded

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
collide	26	26	Vehicles collide head-on; wrong-way bicy
collided	26	25	Vehicles collided at uncontrolled inters
collision	12	*	MANNER OF COLLISION
collision	42	*	IMP MANNER OF COLLISION
collision	138	0	Not applicable/no collision
color	21	1	Traffic control signal (on colors)
color	50	1	Traffic control signal (on colors)
combination	140	20	Combination of 02 through 09
commercial	26	2	Cyclist fails to yield to motorist at a
compact	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
compact	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
concrete	11	36	Concrete traffic barrier or other longit
concrete	39	36	Concrete traffic barrier or other longit
concrete	113	6	Concrete Mixer
concrete	136	36	Concrete traffic barrier or other longit
concrete	165	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	41	*	IMP LIGHT CONDITION
condition	49	*	IMP ROADWAY SURFACE COND
condition	50	41	Warning Sign for Road Conditions (hill,
condition	51	*	I ATMOSPHERIC CONDITION
condition	106	2	Poor road conditions (puddle, ice, potho
condition	138	50	Poor Road Conditions (puddle, pothole, i
congressional	36	2	Congressional high priority route
connector	36	4	STRAHNET major connector
construction	21	42	Warning Sign for Road Construction
construction	50	42	Warning Sign for Road Construction
construction	112	93	Construction equipment other than trucks
construction	116	12	Construction equipment
construction	155	93	Construction equipment other than trucks
contrib	123	*	VEHICLE CONTRIB FACTORS
contributing	123	97	Vehicle contributing factors - no detail
control	21	*	TRAFFIC CONTROL DEVICE
control	26	14	Motorist loses control of vehicle while
control	50	*	I TRAFFIC CONTROL DEVICE
control	123	13	Driver seating and control
control	140	*	PRECRASH VEHICLE CONTROL
control	318	8	Failure to obey traffic signs/control de
controlled	26	5	Cyclist fails to yield to motorist at an
conventional	112	39	Unknown (pickup style) light conventiona
conventional	155	39	Unknown (pickup style) light conventiona
convert	182	8	Convert from Gas
convertible	112	1	Convertible (excludes sun roof, t-bar)
convertible	155	1	Convertible (excludes sun roof, t-bar)
corner	26	31	Bicyclist cuts corner when turning left;
corner	128	11	Front right corner
corner	157	11	Front right corner
corrective	137	18	Successful corrective action to a previo
corrective	139	*	CORRECTIVE ACTION ATTEMP
corrective	141	99	Vehicle Path After Corrective Action Unk
corrective	158	18	Successful corrective action to a previo
coss	26	6	Cyclist fails to clear intersection cont
counter-clockwise	140	3	Vehicle Rotated (Yawed) Counter-Clockwis

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
counteract	26	15	The motorist and the cyclist counteract
counteractive	26	30	Vehicles collide head-on; counteractive
country	33	*	REGION OF COUNTRY
country	112	50	School bus (designed to carry students,
country	152	*	REGION OF COUNTRY
country	155	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	155	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	28	0	No Person Injured / Property Damage Only
crash	39	33	Impact attenuator or crash cushion
crash	43	8	No Person Coded in Crash
crash	45	0	No Person Injured / Property Damage Only
crash	50	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	160	8	No Person Coded in Crash
crash	165	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 - All crashes involving a towed
crashes	150	1	Group 1 - All crashes involving a towed
crashes	221	1	Group 1 - All crashes involving a towed
crashes	321	1	Group 1 - All crashes involving a towed
cream	26	130	Ice cream vendor
critical	137	*	PRIOR TO CRITICAL EVENT
critical	138	*	CRITICAL EVENT
critical	158	*	I PRIOR TO CRITICAL EVEN
crop	105	5	Trees, crops, vegetation
cross	26	7	Cyclist fails to clear intersection cont
cross	112	50	School bus (designed to carry students,
cross	155	50	School bus (designed to carry students,
cross-buck	21	62	Passive devices (stop sign, cross-bucks)
cross-buck	50	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	47	5	Rail Grade Crossing
crossing	50	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	51	8	Other (smog, smoke, blowing sand/dust/sn
crutches	215	3	Requires cane or crutches
crutches	315	3	Requires cane or crutches
cubic	179	*	CUBIC INCH DISPLACEMENT
culvert	11	38	Culvert or Ditch
culvert	39	38	Culvert or Ditch

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
culvert	136	38	Culvert or Ditch
culvert	165	38	Culvert or Ditch
curb	11	39	Curb
curb	26	4	Cyclist fails to yield to motorist at a
curb	39	39	Curb
curb	126	20	Tripped Rollover - By Curb
curb	136	39	Curb
curb	165	39	Curb
curve	18	2	Curve
curve	38	2	Curve
curve	105	3	Curve or hill
curve	137	15	Negotiating a curve
curve	158	15	Negotiating a curve
cushion	11	33	Impact attenuator or crash cushion
cushion	39	33	Impact attenuator or crash cushion
cushion	136	33	Impact attenuator or crash cushion
cushion	165	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	39	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	155	88	Other motored cycle type (minibike, moto
cycle	165	22	Cycle or cyclist (pedalcycle or pedalcyc
cycles	191	*	# MTRCYCL ENGINE CYCLES
cyclist	11	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	26	*	PED/CYCLIST ACC TYPE
cyclist	39	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	165	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	304	6	Cyclist (pedalcyclist)
cyclist's	26	17	Cyclist's path is obstructed; causing cy
cylinder	180	1	1 cylinder
cylinders	180	*	NUMBER OF CYLINDERS
daihatsu	109	60	Daihatsu
daihatsu	168	60	Daihatsu
damage	28	0	No Person Injured / Property Damage Only
damage	45	0	No Person Injured / Property Damage Only
damage	128	0	No damage/noncollision
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	157	0	No damage/noncollision
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	41	2	Dark
dart-out	26	821	Midblock dart-out - first half
darting	318	21	Darting or running into road



GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
dash	26	730	Intersection dash
date	2	*	ACCIDENT DATE - MONTH
date	3	*	ACCIDENT DATE - YEAR
datsum	109	35	Nissan/Datsun
datsum	168	35	Datsun/NISSAN
dawn	23	4	Dawn
dawn	41	4	Dawn
day	4	*	ACCIDENT DAY OF WEEK
day	52	*	I ACCIDENT DAY OF WEEK
daylight	23	1	Daylight
daylight	41	1	Daylight
deaf	215	6	Deaf
deaf	315	6	Deaf
decelerating	137	2	Decelerating in traffic lane
decelerating	138	215	Traveling in Same Direction While Decele
decelerating	158	2	Decelerating in traffic lane
december	2	12	December
defect	123	0	No vehicle defects
defog	105	9	Inadequate defrost or defog system
defrost	105	9	Inadequate defrost or defog system
deleted	137	94	More than two vehicles involved (deleted
departed	141	4	Vehicle Departed Roadway
departure	138	102	End Departure
deployed	208	1	Deployed
derivative	112	13	Three wheeled automobile or automobile d
derivative	155	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	155	50	School bus (designed to carry students,
detect	26	13	Motorist fails to detect cyclist he/she
device	21	*	TRAFFIC CONTROL DEVICE
device	50	*	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	330	From Parallel/Diagonal Parking Lane
diamond	109	81	Diamond Reo, Reo
diamond	168	81	Diamond Reo/REO
died	27	6	Died Prior
died	43	6	Died Prior
died	144	6	Died Prior
died	160	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
diesel	182	2	Diesel
difference	187	1	\$100 difference
difference	189	1	100 pound difference
differnce	189	72	7200 pound differnce
direction	12	5	Sideswipe, same direction
direction	26	18	Cyclist turns left in front of motorist
direction	42	5	Sideswipe, same direction
direction	138	210	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 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
dirt	49	5	Sand, dirt, oil
disabled	26	310	To/from disabled vehicle
disabled	137	6	Disabled or parked in travel lane
disabled	158	6	Disabled or parked in travel lane
disabling	134	3	Disabling (severe)
disabling	138	30	Disabling Vehicle Failure (e.g. wheel fe
displacement	179	*	CUBIC INCH DISPLACEMENT
displacement	190	*	MCYCL ENGIN DISPLACEMENT
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	39	38	Culvert or Ditch
ditch	126	22	Tripped Rollover - By Ditch
ditch	136	38	Culvert or Ditch
ditch	165	38	Culvert or Ditch
divided	16	1	Not physically divided (two way trafficw
dodge	109	7	Dodge
dodge	168	7	Dodge
domest	168	29	Oth Domestic Pass
domestic	109	29	Other domestic
door	112	7	Hatchback, number of doors unknown
door	123	14	Body, doors
door	155	7	Hatchback, number of doors unknown
drive	26	48	Drive out - intersection (Motorist drove
drive	123	5	Power train - universal joint, drive sha
drive	193	*	FRONT WHEEL DRIVE
drive	194	*	FOUR WHEEL DRIVE
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	137	0	No driver present
driver	139	99	Unknown if Driver Attempted Any Correcti
driver	140	0	No Driver Present
driver	141	0	No Driver Present
driver	147	*	DRIVERS ZIP CODE
driver	156	1	Yes, driver or car and driver left scene
driver	158	0	No driver present
driver	195	3	Driver front air bag, Passenger side act
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
drives	26	35	Motorist drives out from on-street parki
driveway	14	3	Driveway, Alley Access, Etc.
driveway	26	1	Cyclist fails to yield to motorist at a
driveway	47	3	Driveway, Alley Access, Etc.
driveway	138	430	Entering Driveway, Alley Access, Etc.
driving	24	1	No adverse atmospheric related driving c
driving	51	1	No adverse atmospheric related driving c

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
driving	104	4	Reckless driving
driving	162	4	Reckless driving
driving	185	*	NUMBER OF DRIVING WHEELS
driving	318	10	Driving on wrong side of road
drove	26	48	Drive out - intersection (Motorist drove
drowsy	215	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	315	2	Drowsy, sleepy, fell asleep, fatigued
drug	104	1	Alcohol or drugs
drug	162	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
drug	326	7	Alcohol and/or drugs involved
dry	20	1	Dry
dry	49	1	Dry
dual	195	6	Dual front air bags, active belts
ducati	109	71	Ducati
ducati	168	71	Ducati
dump	112	40	Cab chassis based (includes rescue vehic
dump	113	5	Dump
dump	155	40	Cab chassis based (includes rescue vehic
dusk	23	5	Dusk
dusk	41	5	Dusk
dust	24	8	Other (smog, smoke, blowing sand/dust/sn
dust	51	8	Other (smog, smoke, blowing sand/dust/sn
dust	105	1	Rain, snow, fog, smoke, sand, dust
each	26	15	The motorist and the cyclist counteract
eagle	109	10	Eagle
eagle	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
eagle	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
eagle	168	10	Eagle
earlier	111	40	1940 and earlier
earlier	159	40	1940 and earlier
eating	318	24	Inattentive (talking, eating, etc.)
econoline	112	21	Large van (Sportvan, Chevy Van, Club Wag
econoline	155	21	Large van (Sportvan, Chevy Van, Club Wag
edge	138	100	Over Left Edge of Roadway
eis	36	1	Eisenhower Interstate System (EIS)
eisenhower	36	1	Eisenhower Interstate System (EIS)
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	155	10	Auto based pickup (includes El Camino, C
electric	182	3	Electric
embankment	11	40	Embankment
embankment	39	40	Embankment
embankment	105	4	Building, billboard, or other design fea
embankment	136	40	Embankment
embankment	165	40	Embankment
emergency	26	330	Emergency vehicle related
emergency	120	*	EMERGENCY USE

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
enclosed	113	2	Van/Enclosed Box
encroaching	138	497	Encroaching - Other
engin	190	*	MCYCL ENGIN DISPLACEMENT
engine	138	20	Stalled Engine
engine	191	*	# MTRCYCL ENGINE CYCLES
entering	26	150	Entering/exiting
entering	137	8	Entering a parked position
entering	138	410	Entering Intersection - Turning Into Sam
entering	158	8	Entering a parked position
entrance	14	4	Entrance/Exit Ramp
entrance	47	4	Entrance/Exit Ramp
entrance	138	460	Entering From "Yield" Entrance (Ramp/Cha
entry	26	4	Cyclist fails to yield to motorist at a
entry	318	5	Making improper entry to or exit from tr
environment	21	43	Warning Sign for Environment/Traffic (fo
environment	50	43	Warning Sign for Environment/Traffic (fo
equipment	112	92	Farm equipment other than trucks
equipment	116	11	Farm equipment
equipment	155	92	Farm equipment other than trucks
equipment	309	*	NONMOT SAFETY EQUIP USE
equipment	318	2	Operating without required equipment
erratic	318	3	Improper or erratic lane changing
ethanol	182	7	Ethanol/Methanol
evasive	26	15	The motorist and the cyclist counteract
even	158	*	I PRIOR TO CRITICAL EVEN
event	11	*	FIRST HARMFUL EVENT
event	39	*	IMP FIRST HARMFUL EVENT
event	136	*	MOST HARMFUL EVENT
event	137	*	PRIOR TO CRITICAL EVENT
event	138	*	CRITICAL EVENT
event	158	18	Successful corrective action to a previo
event	165	*	IMP MOST HARMFUL EVENT
excessive	138	60	Excessive Speed
excluding	112	6	Station Wagon (excluding van and truck b
excluding	155	6	Station Wagon (excluding van and truck b
exhaust	123	6	Exhaust system
exit	14	4	Entrance/Exit Ramp
exit	47	4	Entrance/Exit Ramp
exit	318	5	Making improper entry to or exit from tr
exiting	26	8	Motorist exiting from driveway, alley, o
explosion	11	2	Fire/Explosion
explosion	39	2	Fire/Explosion
explosion	136	2	Fire/Explosion
explosion	165	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
factor	123	*	VEHICLE CONTRIB FACTORS
failing	318	1	Failing to have lights on when required
fails	26	1	Cyclist fails to yield to motorist at a
failure	104	6	Failure to yield right-of-way
failure	138	30	Disabling Vehicle Failure (e.g. wheel fe
failure	162	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

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
falling	39	10	Thrown or falling object
falling	136	10	Thrown or falling object
falling	165	10	Thrown or falling object
farm	112	92	Farm equipment other than trucks
farm	116	11	Farm equipment
farm	155	92	Farm equipment other than trucks
fatal	27	4	Fatal
fatal	43	4	Fatal
fatal	144	4	Fatal
fatal	160	4	Fatal
fatal	213	4	K - fatal injury
fatal	228	4	K - fatal injury
fatal	313	4	K - fatal injury
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	39	6	Noncollision injury (injured in vehicle,
fell	138	30	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	39	41	Fence
fence	136	41	Fence
fence	165	41	Fence
fiat	109	36	Fiat
fiat	168	36	Fiat
fire	11	2	Fire/Explosion
fire	39	2	Fire/Explosion
fire	116	7	Fire truck and car
fire	127	*	FIRE OCCURRENCE
fire	136	2	Fire/Explosion
fire	165	2	Fire/Explosion
fixed	11	28	Other object not fixed
fixed	39	28	Other object not fixed
fixed	136	28	Other object not fixed
fixed	165	28	Other object not fixed
flagman	21	51	Officer, Crossing guard, Flagman, etc.
flagman	50	51	Officer, Crossing guard, Flagman, etc.
flashing	21	4	Flashing traffic control signal or flash
flashing	26	5	Cyclist fails to yield to motorist at an
flashing	50	4	Flashing traffic control signal or flash
flat	138	10	Blow Out or Flat Tire
flatbed	113	4	Flatbed
flexible	182	6	Flexible Fuel
flow	16	*	TRAFFICWAY FLOW
fog	21	43	Warning Sign for Environment/Traffic (fo
fog	24	5	Fog
fog	50	43	Warning Sign for Environment/Traffic (fo
fog	51	5	Fog

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
fog	105	1	Rain, snow, fog, smoke, sand, dust
ford	109	12	Ford
ford	112	21	Large van (Sportvan, Chevy Van, Club Wag
ford	155	21	Large van (Sportvan, Chevy Van, Club Wag
ford	168	12	Ford
foreign	109	69	Other foreign
foreign	168	69	Oth Foreign Pass
fork	112	97	Other type vehicle (e.g., go-cart, fork
fork	155	97	Other type vehicle (e.g., go-cart, fork
freightliner	109	82	Freightliner, White
freightliner	168	82	Freightliner
friday	4	6	Friday
friday	52	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
front	132	1	Front
front	133	1	Front
front	157	1	Front
front	193	*	FRONT WHEEL DRIVE
front	195	3	Driver front air bag, Passenger side act
front	205	11	Front seat - left side (driver's side)
front	229	11	Front seat - left side (driver's side)
fuel	182	*	FUEL CODE
function	208	*	AIRBAG AVAIL/FUNCTION
functional	134	2	Functional (moderate)
fwd	109	83	FWD
fwd	168	83	FWD
garbage	113	8	Garbage/Refuse
gas	182	5	Natural Gas
gasoline	182	1	Gasoline
gate	21	61	Active devices (gates, flashing lights,
gate	50	61	Active devices (gates, flashing lights,
general	109	3	AM General
general	168	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	155	16	Utility Station Wagon (Chev. Suburban, G
gmc	168	23	GMC
go-cart	112	97	Other type vehicle (e.g., go-cart, fork
go-cart	155	97	Other type vehicle (e.g., go-cart, fork
golden	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
golden	155	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	46	2	Grade
grade	47	5	Rail Grade Crossing
grade	50	41	Warning Sign for Road Conditions (hill,
grader	112	93	Construction equipment other than trucks
grader	155	93	Construction equipment other than trucks
grand	112	16	Utility Station Wagon (Chev. Suburban, G
grand	155	16	Utility Station Wagon (Chev. Suburban, G

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
grate	11	50	Pavement Surface Irregularity (ruts, pot
grate	39	50	Pavement Surface Irregularity (ruts, pot
grate	136	50	Pavement surface irregularity (ruts, pot
grate	165	50	Pavement Surface Irregularity (ruts, pot
green	26	6	Cyclist fails to clear intersection cont
gross	183	*	TRUCK GROSS VEH WEIGHT
ground	11	31	Ground
ground	39	31	Ground
ground	136	31	Ground
ground	165	31	Ground
group	31	1	Group 1 - All crashes involving a towed
group	150	1	Group 1 - All crashes involving a towed
group	221	1	Group 1 - All crashes involving a towed
group	321	1	Group 1 - All crashes involving a towed
grumman	109	25	Grumman
grumman	168	25	Grumman
guard	21	51	Officer, Crossing guard, Flagman, etc.
guard	50	51	Officer, Crossing guard, Flagman, etc.
guardrail	11	35	Guardrail
guardrail	39	35	Guardrail
guardrail	126	21	Tripped Rollover - By Guardrail
guardrail	136	35	Guardrail
guardrail	165	35	Guardrail
hail	24	8	Other (smog, smoke, blowing sand/dust/sn
hail	51	8	Other (smog, smoke, blowing sand/dust/sn
hardtop	112	2	2-door sedan, hardtop, coupe
hardtop	155	2	2-door sedan, hardtop, coupe
harley-davidson	109	72	Harley-Davidson
harley-davidson	168	72	Harley-Davidson
harmful	11	*	FIRST HARMFUL EVENT
harmful	39	*	IMP FIRST HARMFUL EVENT
harmful	136	*	MOST HARMFUL EVENT
harmful	165	*	IMP MOST HARMFUL EVENT
harvester	109	84	International Harvester/Navistar
hatchback	112	3	3-door/2-door hatchback
hatchback	155	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	195	12	Dual air bags front, head and sides, bel
head-on	12	2	Head-on
head-on	26	26	Vehicles collide head-on; wrong-way bicy
head-on	42	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	155	11	Auto based panel (cargo station wagon, a
heating	107	2	Vehicle instrument display (radio, casse
heavy	31	2	Group 2 - All crashes involving a medium
heavy	112	65	Medium/heavy truck-based motorhome
heavy	150	2	Group 2 - All crashes involving a medium
heavy	155	65	Medium/heavy truck-based motorhome
heavy	221	2	Group 2 - All crashes involving a medium

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
heavy	321	2	Group 2 - All crashes involving a medium
helmet	206	5	Motorcycle helmet
helmet	309	1	Bicycle helmet
hi-cube	112	28	Other van type (Hi-Cube, Kary)
hi-cube	155	28	Other van type (Hi-Cube, Kary)
high	36	2	Congressional high priority route
higher	138	220	Traveling in Same Direction With Higher
highway	13	*	INTERSTATE HIGHWAY
highway	16	2	Divided highway (median strip, barrier)
highway	36	3	Strategic Highway Network (STRAHNET) rou
hill	21	41	Warning Sign for Road Conditions (hill,
hill	50	41	Warning Sign for Road Conditions (hill,
hill	105	3	Curve or hill
hillcrest	19	3	Hillcrest
hillcrest	46	3	Hillcrest
hit-and-run	103	2	Hit-and-run
hit-and-run	105	50	Hit-and-run vehicle (and no information)
hit-and-run	108	*	HIT-AND-RUN
hit-and-run	123	50	Hit-and-run vehicle
hit-and-run	156	*	IMPUTED HIT-AND-RUN
hitch	123	15	Trailer hitch
hitchhiking	26	510	Hitchhiking
honda	109	37	Honda
honda	168	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	40	*	IMP ACCIDENT TIME - HOUR
hydrant	11	43	Fire hydrant
hydrant	39	43	Fire hydrant
hydrant	136	43	Fire hydrant
hydrant	165	43	Fire hydrant
hyundai	109	55	Hyundai
hyundai	168	55	Hyundai
ice	20	4	Ice
ice	26	130	Ice cream vendor
ice	49	4	Ice
ice	106	2	Poor road conditions (puddle, ice, potho
ice	138	50	Poor Road Conditions (puddle, pothole, i
identifier	154	*	CARRIER'S ID NUMBER
ih	168	84	IH/NAVISTAR
ill	215	1	Ill, blackout
ill	315	1	Ill, blackout
immersion	11	3	Immersion
immersion	39	3	Immersion
immersion	136	3	Immersion
immersion	165	3	Immersion
impac	157	*	I INITIAL POINT OF IMPAC
impact	11	33	Impact attenuator or crash cushion
impact	39	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	157	99	Initial point of impact unknown
impact	165	33	Impact attenuator or crash cushion



GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
imperial	168	8	Imperial
improper	318	3	Improper or erratic lane changing
improperly	105	14	Broken or improperly cleaned windshield
imputed	37	*	IMP ALC INVOLVED IN ACC
imputed	38	*	IMP ROADWAY ALIGNMENT
imputed	39	*	IMP FIRST HARMFUL EVENT
imputed	40	*	IMP ACCIDENT TIME - HOUR
imputed	41	*	IMP LIGHT CONDITION
imputed	42	*	IMP MANNER OF COLLISION
imputed	43	*	IMP MAX INJ SEV. IN ACC
imputed	44	*	IMP ACC TIME - MINUTE
imputed	46	*	IMPUTED ROADWAY PROFILE
imputed	47	*	IMP RELATION TO JUNCTION
imputed	48	*	IMPUTED SPEED LIMIT
imputed	49	*	IMP ROADWAY SURFACE COND
imputed	155	*	IMPUTED BODY TYPE
imputed	156	*	IMPUTED HIT-AND-RUN
imputed	159	*	IMPUTED MODEL YEAR
imputed	160	*	IMP MAX INJ SEV. IN VEH
imputed	161	*	IMP NUM INJURED IN VEH
imputed	162	*	IMP VIOLATIONS CHARGED
imputed	163	*	IMPUTED VEHICLE ROLE
imputed	164	*	IMP ALC INVOLVED IN VEH
imputed	165	*	IMP MOST HARMFUL EVENT
imputed	225	*	IMPUTED OCCUPANT AGE
imputed	226	*	IMP PAR ALC INVOLVEMENT
imputed	227	*	IMPUT OCCUPANT EJECTION
imputed	228	*	IMP OCC INJURY SEVERITY
imputed	229	*	IMP OCC SEATING POSITION
imputed	230	*	IMPUTED OCCUPANT SEX
imputed	325	*	IMPUTED NONMOTORIST AGE
imputed	326	*	IMP PAR ALC INVOLVEMENT
imputed	328	*	IMP NMTR INJURY SEVERITY
imputed	330	*	IMPUTED NONMOTORIST 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	43	3	Incapacitating
incapacitating	144	3	Incapacitating
incapacitating	160	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
inch	179	*	CUBIC INCH DISPLACEMENT
infiniti	109	58	Infiniti
infiniti	168	58	Infiniti
information	26	37	Insufficient information to classify
information	104	50	Hit & run (and no information)
information	105	50	Hit-and-run vehicle (and no information)

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
information	106	50	Hit & run (and no information)
information	107	50	Hit & run (and no information)
information	162	50	Hit & run (and no information)
initial	128	*	INITIAL POINT OF IMPACT
initial	157	*	I INITIAL POINT OF IMPAC
injured	11	6	Noncollision injury (injured in vehicle,
injured	28	0	No Person Injured / Property Damage Only
injured	39	6	Noncollision injury (injured in vehicle,
injured	45	0	No Person Injured / Property Damage Only
injured	145	*	NUMBER INJURED IN VEH
injured	161	*	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	39	6	Noncollision injury (injured in vehicle,
injury	43	*	IMP MAX INJ SEV. IN ACC
injury	45	*	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	160	*	IMP MAX INJ SEV. IN VEH
injury	165	6	Noncollision injury
injury	213	*	OCC INJURY SEVERITY
injury	215	5	Impaired due to previous injury
injury	228	*	IMP OCC INJURY SEVERITY
injury	313	*	NMTR INJURY SEVERITY
injury	315	5	Impaired due to previous injury
injury	328	*	IMP NMTR INJURY SEVERITY
instrument	107	2	Vehicle instrument display (radio, casse
insufficient	26	37	Insufficient information to classify
intended	138	429	Entering Intersection - Intended Path Un
interchange	14	18	Other Location in Interchange
interchange	47	18	Other Location in Interchange
intercity	112	58	Other bus (e.g., transit intercity bus b
intercity	155	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 to motorist at an
intersection	47	1	Intersection
intersection	138	410	Entering Intersection - Turning Into Sam
intersection	318	22	Improper crossing of roadway or intersec
intersection	319	1	Intersection - in crosswalk
interstate	13	*	INTERSTATE HIGHWAY
interstate	36	1	Eisenhower Interstate System (EIS)
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	37	*	IMP ALC INVOLVED IN ACC

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
involved	103	0	Unattended vehicle (driverless or no dri
involved	121	*	NUM OCC INVOLVED IN VEH
involved	137	94	More than two vehicles involved (deleted
involved	138	994	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	158	94	More than two vehicles involved
involved	164	*	IMP ALC INVOLVED IN VEH
involved	216	0	No (alcohol not involved)
involved	217	0	No (drugs not involved)
involved	226	0	No (alcohol not involved)
involved	316	0	No (alcohol not involved)
involved	317	0	No (drugs not involved)
involved	326	0	No (alcohol not involved)
involving	31	1	Group 1 - All crashes involving a towed
involving	150	1	Group 1 - All crashes involving a towed
involving	221	1	Group 1 - All crashes involving a towed
involving	321	1	Group 1 - All crashes involving a towed
irregularity	11	50	Pavement Surface Irregularity (ruts, pot
irregularity	39	50	Pavement Surface Irregularity (ruts, pot
irregularity	136	50	Pavement surface irregularity (ruts, pot
irregularity	165	50	Pavement Surface Irregularity (ruts, pot
isuzu	109	38	Isuzu
isuzu	168	38	Isuzu
iveco	109	88	Iveco/Magirus
iveco	168	88	Iveco/MAGIRUS
jackknife	11	5	Jackknife
jackknife	39	5	Jackknife
jackknife	125	*	JACKKNIFE
jackknife	136	5	Jackknife
jackknife	165	5	Jackknife
jaguar	109	39	Jaguar
jaguar	168	39	Jaguar
jan	137	94	More than two vehicles involved (deleted
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	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
jeep	168	2	Jeep
jogger	318	25	Jogger
joint	123	3	Steering system - tie rod, kingpin, ball
july	2	7	July
junction	14	*	RELATION TO JUNCTION
junction	47	*	IMP RELATION TO JUNCTION
june	2	6	June
jurisdiction	30	*	POLICE JURISDICTION
jurisdiction	149	*	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	155	28	Other van type (Hi-Cube, Kary)
kawasaki	109	73	Kawasaki

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
kawasaki	168	73	Kawasaki
kenworth	109	85	Kenworth
kenworth	168	85	Kenworth
kg	112	22	Step van or walk-in van (< 4,500 kg GVWR
kg	155	22	Step van or walk-in van (< 4,500 kg GVWR
kia	109	63	KIA
kia	168	63	KIA
kingpin	123	3	Steering system - tie rod, kingpin, ball
lancia	109	40	Lancia
lancia	168	40	Lancia
land	9	*	LAND USE
land	109	62	Land Rover
land	168	62	Land Rover
lane	15	2	On Shoulder or Parking Lane
lane	17	*	NUMBER OF TRAVEL LANES
lane	137	2	Decelerating in traffic lane
lane	138	300	From Adjacent Lane (Opposite Direction)
lane	141	1	Vehicle Stayed In Travel Lane
lane	158	2	Decelerating 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 - All crashes involving a medium
least	150	2	Group 2 - All crashes involving a medium
least	221	2	Group 2 - All crashes involving a medium
least	321	2	Group 2 - All crashes involving a medium
leave	108	0	No, did not leave scene
leave	156	0	No, did not leave scene
leaving	135	*	MANNER OF LEAVING SCENE
leaving	137	7	Leaving a parked position
leaving	158	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	100	Over Left Edge of Roadway
left	139	2	Steered to Left
left	141	2	Vehicle Stayed On Roadway But Left Trave
left	156	1	Yes, driver or car and driver left scene
left	157	12	Front left corner
left	158	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
leftside	129	3	Leftside
leftside	130	3	Leftside
leftside	131	3	Leftside
leftside	132	3	Leftside
leftside	133	3	Leftside
leftside	157	3	Leftside
level	19	1	Level
level	46	1	Level
lexus	109	59	Lexus
lexus	168	59	Lexus
license	104	5	Driving with a suspended or revoked lice
license	162	5	Driving with a suspended or revoked lice

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
lift	112	97	Other type vehicle (e.g., go-cart, fork
lift	155	97	Other type vehicle (e.g., go-cart, fork
light	21	61	Active devices (gates, flashing lights,
light	23	*	LIGHT CONDITION
light	26	6	Cyclist fails to clear intersection cont
light	31	1	Group 1 - All crashes involving a towed
light	41	*	IMP LIGHT CONDITION
light	50	61	Active devices (gates, flashing lights,
light	112	39	Unknown (pickup style) light conventiona
light	123	8	Signal lights
light	150	1	Group 1 - All crashes involving a towed
light	155	39	Unknown (pickup style) light conventiona
light	221	1	Group 1 - All crashes involving a towed
light	318	1	Failing to have lights on when required
light	321	1	Group 1 - All crashes involving a towed
lighted	23	3	Dark, but lighted
lighted	41	3	Dark, but lighted
lighting	105	10	Inadequate lighting system
limit	22	*	SPEED LIMIT
limit	48	*	IMPUTED SPEED LIMIT
limousine	112	12	Large Limousine (more than four side doo
limousine	155	12	Large Limousine (more than four side doo
lincoln	109	13	Lincoln
lincoln	168	13	Lincoln
line	138	310	From Adjacent Lane (Same Direction) - Ov
list	174	*	BASE LIST PRICE
list	187	*	LIST PRICE VARIANCE
listed	109	78	Moped (other than listed manufacturers)
load	105	6	Moving vehicle (including load)
lock	192	*	ANTI LOCK BRAKES(ABS)
longest	177	*	LONGEST WHEEL BASE
longitudinal	11	36	Concrete traffic barrier or other longit
longitudinal	39	36	Concrete traffic barrier or other longit
longitudinal	136	36	Concrete traffic barrier or other longit
longitudinal	165	36	Concrete traffic barrier or other longit
longitudinally	140	4	Vehicle Slid/Skid Longitudinally - No Ro
loses	26	14	Motorist loses control of vehicle while
lot	22	0	No statutory limit (parking lot, alley,
lot	26	29	Parking lot, other open area; crossing p
lot	48	0	No statutory limit (parking lot, alley,
lower	138	210	Traveling in Same Direction With Lower S
lying	318	29	Playing, working, sitting, lying, standi
mack	109	86	Mack
mack	168	86	Mack
macpherson	123	4	Suspension - springs, shock absorbers, m
magirus	109	88	Iveco/Magirus
magirus	168	88	Iveco/MAGIRUS
mailbox	26	140	Mailbox related
maintained	140	1	Vehicle Control Maintained
major	36	4	STRAHNET major connector
mak	26	10	At an intersection controlled by a signa
make	26	22	Motorist make left turn in front of cycl
make	109	*	MAKE
make	110	*	MAKE/MODEL
make	168	*	VIN VEHICLE MAKE
make	170	*	NCIC STANDARD MAKE CODE

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
makes	26	21	Cyclist riding on wrong side of street m
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	42	*	IMP MANNER OF COLLISION
manner	135	*	MANNER OF LEAVING SCENE
manner	318	6	Operating the vehicle in erratic, reckle
manual	195	1	Active (manual)
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	43	*	IMP MAX INJ SEV. IN ACC
maximum	144	*	MAX INJ SEVERITY IN VEH
maximum	160	*	IMP MAX INJ SEV. IN VEH
may	2	5	May
mazda	109	41	Mazda
mazda	168	41	Mazda
mcycl	190	*	MCYCL ENGIN DISPLACEMENT
mechanism	126	29	Tripped Rollover - Unknown Mechanism
median	15	4	On Median
median	16	2	Divided highway (median strip, barrier)
medium	31	2	Group 2 - All crashes involving a medium
medium	112	65	Medium/heavy truck-based motorhome
medium	150	2	Group 2 - All crashes involving a medium
medium	155	65	Medium/heavy truck-based motorhome
medium	221	2	Group 2 - All crashes involving a medium
medium	321	2	Group 2 - All crashes involving a medium
mercedes	109	42	Mercedes Benz
mercedes-benz	168	42	Mercedes-Benz
mercury	109	14	Mercury
mercury	168	14	Mercury
merge	26	720	Vehicle turn/merge
merges	26	3	Cyclist turns or merges into path of mot
merging	137	17	Merging
merging	158	17	Merging
merkur	109	56	Merkur
merkur	168	56	Merkur
methanol	182	7	Ethanol/Methanol
mg	109	43	MG
mg	168	43	MG
midblock	26	4	Cyclist fails to yield to motorist at a
middle	205	12	Front seat - middle
middle	229	12	Front seat - middle
midnight	5	24	12:00 Midnight
midnight	40	24	12:00 Midnight
midwest	33	2	Midwest
midwest	152	2	Midwest
midwest	223	2	Midwest

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
midwest	323	2	Midwest
military	116	4	Military
minibike	112	88	Other motored cycle type (minibike, moto
minibike	155	88	Other motored cycle type (minibike, moto
minivan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
minivan	155	20	Minivan (Astro, Caravan, Plymouth Vista,
minor	134	1	Minor
minor	138	40	Minor Vehicle Failure
minute	6	*	ACCIDENT TIME - MINUTE
minute	44	*	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
mitsubishi	168	52	Mitsubishi
mixer	113	6	Concrete Mixer
mod	171	*	VINA MOD
model	110	*	MAKE/MODEL
model	111	*	MODEL YEAR
model	159	*	IMPUTED MODEL YEAR
model	173	*	VIN MODEL YEAR
moderate	134	2	Functional (moderate)
monday	4	2	Monday
monday	52	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	109	78	Moped (other than listed manufacturers)
moped	112	81	Moped (motorized bicycle)
moped	155	81	Moped (motorized bicycle)
moped	168	78	Other Mopeds
mot	26	7	Cyclist fails to clear intersection cont
moto	26	6	Cyclist fails to clear intersection cont
moto-guzzi	109	74	Moto-Guzzi
moto-guzzi	168	74	Moto-Guzzi
motor	11	25	Motor vehicle in transport
motor	26	27	Bicyclist overtaking motor vehicle
motor	39	25	Motor vehicle in transport
motor	109	1	American Motors
motor	136	25	Motor vehicle in transport
motor	165	25	Motor vehicle in transport
motor	168	1	American Motors
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	155	82	Three wheeled motorcycle or moped
motorcycle	168	79	Other Motorcycle
motorcycle	169	3	Motorcycles
motorcycle	206	5	Motorcycle helmet
motorcyle	112	80	Motorcyle
motorcyle	155	80	Motorcyle
motored	112	88	Other motored cycle type (minibike, moto
motored	155	88	Other motored cycle type (minibike, moto
motorhome	112	23	Van-based motorhome
motorhome	155	23	Van-based motorhome
motorist	26	1	Cyclist fails to yield to motorist at a
motorized	112	81	Moped (motorized bicycle)

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
motorized	155	81	Moped (motorized bicycle)
motorscooter	112	88	Other motored cycle type (minibike, moto
motorscooter	155	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	39	26	Parked motor vehicle (or other mv not in
moving-vehicle	319	0	Not applicable - driver or occupant of M
mtrcycl	191	*	# MTRCYCL ENGINE CYCLES
multiple	26	710	Multiple threat, intersection
multiple	139	98	Other single or multiple corrective acti
natural	182	5	Natural Gas
navistar	109	84	International Harvester/Navistar
navistar	168	84	IH/NAVISTAR
ncic	170	*	NCIC STANDARD MAKE CODE
negligent	318	6	Operating the vehicle in erratic, reckle
negotiating	137	15	Negotiating a curve
negotiating	158	15	Negotiating a curve
network	36	3	Strategic Highway Network (STRAHNET) rou
nhs	36	*	NHS ROADWAY TYPE
nissan	109	35	Nissan/Datsun
nissan	168	35	Datsun/NISSAN
non-deployed	208	2	Non-deployed
non-interchange	14	8	Other, Non-interchange
non-interchange	47	8	Other, Non-interchange
non-junction	14	0	Non-junction
non-junction	47	0	Non-junction
non-motor	304	4	Occupant of a non-motor vehicle transpor
non-motorist	106	5	Pedestrian, pedalcyclist, or other non-m
non-motorist	138	810	Pedalcyclist/Other Non-Motorist in Roadw
non-occupant	304	8	Other or unknown non-occupant
noncollision	11	6	Noncollision injury (injured in vehicle,
noncollision	39	6	Noncollision injury (injured in vehicle,
noncollision	128	0	No damage/noncollision
noncollision	136	6	Noncollision injury
noncollision	142	0	Noncollision
noncollision	157	0	No damage/noncollision
noncollision	163	0	Noncollision
noncollision	165	6	Noncollision injury
nonincapacitating	27	2	Nonincapacitating
nonincapacitating	43	2	Nonincapacitating
nonincapacitating	144	2	Nonincapacitating
nonincapacitating	160	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
nonmot	309	*	NONMOT SAFETY EQUIP USE
nonmotorist	8	*	NUM NMTR INVOLVED IN ACC
nonmotorist	11	27	Other type nonmotorist
nonmotorist	39	27	Other type nonmotorist
nonmotorist	136	27	Other type nonmotorist
nonmotorist	165	27	Other type nonmotorist
nonmotorist	302	*	VEH STRIKING NUMBER NMTR
nonmotorist	303	*	NONMOTORIST NUMBER
nonmotorist	304	*	NONMOTORIST TYPE



GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonmotorist	311	*	NONMOTORIST AGE
nonmotorist	312	*	NONMOTORIST SEX
nonmotorist	313	*	NMTR INJURY SEVERITY
nonmotorist	315	*	NMTR PHYSICAL IMPAIRMENT
nonmotorist	318	*	NONMOTORIST ACTION
nonmotorist	319	*	NMTR LOCATION
nonmotorist	325	*	IMPUTED NONMOTORIST AGE
nonmotorist	328	*	IMP NMTR INJURY SEVERITY
nonmotorist	330	*	IMPUTED NONMOTORIST SEX
nonmotorists	8	0	0 nonmotorists involved
northeast	33	1	Northeast
northeast	152	1	Northeast
northeast	223	1	Northeast
northeast	323	1	Northeast
norton	109	75	Norton
norton	168	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	45	*	I NUM INJ PERSONS IN ACC
number	101	*	CASE NUMBER
number	102	*	VEHICLE NUMBER
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	154	*	CARRIER'S ID NUMBER
number	155	7	Hatchback, number of doors unknown
number	161	*	IMP NUM INJURED IN VEH
number	166	*	CASE NUMBER
number	167	*	VEHICLE NUMBER
number	180	*	NUMBER OF CYLINDERS
number	184	*	TOTAL NUMBER OF WHEELS
number	185	*	NUMBER OF DRIVING WHEELS
number	201	*	CASE NUMBER
number	202	*	VEHICLE NUMBER
number	203	*	OCCUPANT NUMBER
number	222	*	PSU NUMBER
number	301	*	CASE NUMBER
number	302	*	VEH STRIKING NUMBER NMTR
number	303	*	NONMOTORIST NUMBER
number	322	*	PSU NUMBER
obey	318	8	Failure to obey traffic signs/control de
obeys	26	9	At an intersection controlled by a stop
object	11	10	Thrown or falling object
object	39	10	Thrown or falling object
object	106	1	Object in road
object	136	10	Thrown or falling object
object	138	840	Object in Roadway
object	165	10	Thrown or falling object

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
obscured	105	*	VISION OBSCURED BY
observe	318	8	Failure to obey traffic signs/control de
obstructed	26	17	Cyclist's path is obstructed; causing cy
obstruction	26	17	Cyclist's path is obstructed; causing cy
obstruction	105	0	No obstruction
occupant	107	1	Passengers, occupants
occupant	121	*	NUM OCC INVOLVED IN VEH
occupant	161	99	Not applicable - No occupants coded for
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	50	51	Officer, Crossing guard, Flagman, etc.
officer	318	8	Failure to obey traffic signs/control de
oil	20	5	Sand, dirt, oil
oil	49	5	Sand, dirt, oil
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
oldsmobile	168	21	Oldsmobile
on-street	26	35	Motorist drives out from on-street parki
operated	103	1	Driver operated vehicle
operating	318	2	Operating without required equipment
opposite	12	6	Sideswipe, opposite direction
opposite	42	6	Sideswipe, opposite direction
opposite	138	230	Traveling in Opposite Direction
option	192	6	Rear only option
optional	192	5	4 wheel optional
original	175	*	ORIGINAL TIRE SIZE
other's	26	15	The motorist and the cyclist counteract
overtaking	26	13	Motorist fails to detect cyclist he/she
overtaking	137	5	Passing or overtaking another vehicle
overtaking	158	5	Passing or overtaking another vehicle
overturn	11	1	Rollover/Overturn
overturn	39	1	Rollover/Overturn
overturn	136	1	Rollover/Overturn

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
overturn	165	1	Rollover/Overturn
panel	112	11	Auto based panel (cargo station wagon, a
panel	155	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 or merges into path of mot
parallel	138	330	From Parallel/Diagonal Parking Lane
parapet	11	34	Bridge Structure (pier/abutment/parapet
parapet	39	34	Bridge Structure (pier/abutment/parapet
parapet	136	34	Bridge Structure (pier/abutment/parapet
parapet	165	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	39	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	158	6	Disabled or parked in travel lane
parked	165	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	48	0	No statutory limit (parking lot, alley,
parking	137	13	Backing up (other than parking purposes)
parking	138	330	From Parallel/Diagonal Parking Lane
parking	158	13	Backing up (other than parking)
partially	210	2	Partially ejected
partially	227	2	Partially ejected
pass	26	16	Motorist misjudges space required to pas
pass	168	29	Oth Domest Pass
passenger	31	1	Group 1 - All crashes involving a towed
passenger	107	1	Passengers, occupants
passenger	150	1	Group 1 - All crashes involving a towed
passenger	169	1	Passenger vehicles
passenger	195	3	Driver front air bag, Passenger side act
passenger	204	2	Passenger of a motor vehicle in transpor
passenger	205	51	Other passenger in passenger or cargo ar
passenger	221	1	Group 1 - All crashes involving a towed
passenger	229	51	Other passenger in passenger or cargo ar
passenger	321	1	Group 1 - All crashes involving a towed
passing	105	8	Splash or spray of passing vehicle
passing	137	5	Passing or overtaking another vehicle
passing	158	5	Passing or overtaking another vehicle
passive	21	62	Passive devices (stop sign, cross-bucks)
passive	50	62	Passive devices (stop sign, cross-bucks)
passive	195	2	Passive (Automatic) belts
passive	207	1	Automatic (Passive)
path	26	1	Cyclist fails to yield to motorist at a

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
path	138	411	Entering Intersection - Straight Across
path	141	99	Vehicle Path After Corrective Action Unk
pavement	11	50	Pavement Surface Irregularity (ruts, pot
pavement	39	50	Pavement Surface Irregularity (ruts, pot
pavement	136	50	Pavement surface irregularity (ruts, pot
pavement	165	50	Pavement Surface Irregularity (ruts, pot
pedalcycle	11	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	39	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	165	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	11	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	39	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	810	Pedalcyclist/Other Non-Motorist in Roadw
pedalcyclist	165	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	304	6	Cyclist (pedalcyclist)
pedestrian	11	21	Pedestrian
pedestrian	26	*	PED/CYCLIST ACC TYPE
pedestrian	39	21	Pedestrian
pedestrian	106	5	Pedestrian, pedalcyclist, or other non-m
pedestrian	136	21	Pedestrian
pedestrian	138	800	Pedestrian in Roadway
pedestrian	165	21	Pedestrian
pedestrian	304	5	Pedestrian
perpendicular	26	1	Cyclist fails to yield to motorist at a
person	27	8	No Person Coded in Crash
person	28	*	NUM INJ PERSONS IN ACC
person	29	8	No Person Coded
person	37	8	No Person Coded
person	43	8	No Person Coded in Crash
person	45	*	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	160	8	No Person Coded in Crash
person	164	8	No Person Coded
peterbilt	109	87	Peterbilt
peterbilt	168	87	Peterbilt
peugeot	109	44	Peugeot
peugeot	168	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	155	10	Auto based pickup (includes El Camino, C
pier	11	34	Bridge Structure (pier/abutment/parapet
pier	39	34	Bridge Structure (pier/abutment/parapet
pier	136	34	Bridge Structure (pier/abutment/parapet
pier	165	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

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
plates	39	50	Pavement Surface Irregularity (ruts, pot
plates	136	50	Pavement surface irregularity (ruts, pot
plates	165	50	Pavement Surface Irregularity (ruts, pot
play	26	40	Play vehicle (Big wheel, other tricycle,
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	155	20	Minivan (Astro, Caravan, Plymouth Vista,
plymouth	168	9	Plymouth
pole	11	37	Post, Pole or Support (sign post, utilit
pole	39	37	Post, Pole or Support (sign post, utilit
pole	136	37	Post, Pole or Support (sign post, utilit
pole	165	37	Post, Pole or Support (sign post, utilit
police	30	*	POLICE JURISDICTION
police	116	5	Police
police	149	*	POLICE JURISDICTION
police	216	9	Unknown (police reported)
police	217	9	Unknown (police reported)
police	220	*	POLICE JURISDICTION
police	226	9	Unknown (police reported)
police	316	9	Unknown (police reported)
police	317	9	Unknown (police reported)
police	320	*	POLICE JURISDICTION
police	326	9	Unknown (police reported)
pontiac	109	22	Pontiac
pontiac	168	22	Pontiac
poor	106	2	Poor road conditions (puddle, ice, potho
poor	138	50	Poor Road Conditions (puddle, pothole, i
population	9	1	Within area of population 25,000-50,000
porsche	109	45	Porsche
porsche	168	45	Porsche
position	137	7	Leaving a parked position
position	158	7	Leaving a parked position
position	205	*	OCC SEATING POSITION
position	229	*	IMP OCC SEATING POSITION
possible	27	1	Possible Injury
possible	43	1	Possible Injury
possible	144	1	Possible Injury
possible	160	1	Possible Injury
possible	213	1	C - possible injury
possible	228	1	C - possible injury
possible	313	1	C - possible injury
possible	328	1	C - possible injury
post	11	37	Post, Pole or Support (sign post, utilit
post	39	37	Post, Pole or Support (sign post, utilit
post	136	37	Post, Pole or Support (sign post, utilit
post	165	37	Post, Pole or Support (sign post, utilit
pothole	106	2	Poor road conditions (puddle, ice, potho
pothole	138	50	Poor Road Conditions (puddle, pothole, i
potholes	11	50	Pavement Surface Irregularity (ruts, pot
potholes	39	50	Pavement Surface Irregularity (ruts, pot
potholes	136	50	Pavement surface irregularity (ruts, pot
potholes	165	50	Pavement Surface Irregularity (ruts, pot
pound	189	1	100 pound difference
power	123	5	Power train - universal joint, drive sha

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
preceeding	26	18	Cyclist turns left in front of motorist
precrash	26	1	Cyclist fails to yield to motorist at a
precrash	140	*	PRECRASH VEHICLE CONTROL
precrash	141	*	PRECRASH LOCATION
presence	103	*	DRIVER PRESENCE
previous	137	18	Successful corrective action to a previo
previous	158	18	Successful corrective action to a previo
previous	215	5	Impaired due to previous injury
previous	315	5	Impaired due to previous injury
price	174	*	BASE LIST PRICE
price	187	*	LIST PRICE VARIANCE
priority	36	2	Congressional high priority route
proceeding	26	20	Cyclist loses control and swerves into t
profile	19	*	ROADWAY PROFILE
profile	46	*	IMPUTED ROADWAY PROFILE
propane	182	4	Propane
proper	318	4	Failure to keep in proper lane or runnin
property	28	0	No Person Injured / Property Damage Only
property	45	0	No Person Injured / Property Damage Only
psu	32	*	PSU NUMBER
psu	222	*	PSU NUMBER
psu	322	*	PSU NUMBER
puddle	106	2	Poor road conditions (puddle, ice, potho
puddle	138	50	Poor Road Conditions (puddle, pothole, i
purpose	137	13	Backing up (other than parking purposes)
pursuit	26	230	Hot pursuit
pushing	318	26	Nonmotorist 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	39	34	Bridge Structure (pier/abutment/parapet
rail	47	5	Rail Grade Crossing
railway	11	23	Railway train
railway	39	23	Railway train
railway	136	23	Railway train
railway	165	23	Railway train
rain	24	2	Rain
rain	51	2	Rain
rain	105	1	Rain, snow, fog, smoke, sand, dust
rambler	110	+	Rambler/American
ramcharger	112	15	Large Utility (Jeep Cherokee, Ramcharger
ramcharger	155	15	Large Utility (Jeep Cherokee, Ramcharger
ramp	14	4	Entrance/Exit Ramp
ramp	47	4	Entrance/Exit Ramp
ramp	138	460	Entering From "Yield" Entrance (Ramp/Cha
rancho	112	10	Auto based pickup (includes El Camino, C
rancho	155	10	Auto based pickup (includes El Camino, C
rating	186	*	TON RATING
rear	192	3	Rear only standard
rear-end	12	1	Rear-end
rear-end	42	1	Rear-end
rear-to-rear	12	3	Rear-to-rear
rear-to-rear	42	3	Rear-to-rear
reason	138	99	Other or Unknown Reason
reckless	104	4	Reckless driving
reckless	162	4	Reckless driving

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
reckless	318	6	Operating the vehicle in erratic, reckle
red	26	5	Cyclist fails to yield to motorist at an
reflected	105	2	Reflected glare, bright sunlight, headli
reflective	309	2	Reflective equipment
refuse	113	8	Garbage/Refuse
region	33	*	REGION OF COUNTRY
region	152	*	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	47	2	Intersection Related
related	50	23	School zone related sign
related	51	1	No adverse atmospheric related driving c
related	148	*	SPEED RELATED
relation	14	*	RELATION TO JUNCTION
relation	15	*	RELATION TO ROADWAY
relation	47	*	IMP RELATION TO JUNCTION
release	119	*	HAZ MATERIALS RELEASE
renault	109	46	Renault
renault	168	46	Renault
renegade	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
renegade	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
reo	109	81	Diamond Reo, Reo
reo	168	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	155	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 to motorist at a
restraint	105	13	Head restraints
restraint	195	*	RESTRAINT TYPE
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
returned	141	7	Vehicle Returned to Roadway
revoked	104	5	Driving with a suspended or revoked lice
revoked	162	5	Driving with a suspended or revoked lice
ride	26	49	Ride out - intersection (Bicyclist)
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

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	26	21	Cyclist riding on wrong side of street m
right	128	11	Front right corner
right	137	10	Turning right
right	138	101	Over Right Edge of Roadway
right	139	3	Steered to Right
right	157	11	Front right corner
right	158	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	162	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	157	2	Rightside
roa	26	2	Cyclist fails to yield to motorist at a
road	21	41	Warning Sign for Road Conditions (hill,
road	50	41	Warning Sign for Road Conditions (hill,
road	106	1	Object in road
road	138	50	Poor Road Conditions (puddle, pothole, i
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	410	Working on roadway
roadway	36	*	NHS ROADWAY TYPE
roadway	38	*	IMP ROADWAY ALIGNMENT
roadway	46	*	IMPUTED ROADWAY PROFILE
roadway	49	*	IMP ROADWAY SURFACE COND
roadway	138	100	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	163	*	IMPUTED VEHICLE ROLE
rollover	11	1	Rollover/Overturn
rollover	39	1	Rollover/Overturn
rollover	126	*	ROLLOVER
rollover	136	1	Rollover/Overturn
rollover	143	97	Untripped rollover
rollover	165	1	Rollover/Overturn
romeo	109	31	Alfa Romeo
romeo	168	31	Alfa Romeo
roof	112	1	Convertible (excludes sun roof, t-bar)
roof	155	1	Convertible (excludes sun roof, t-bar)
rotary	180	88	Rotary
rotary	191	5	Rotary
rotated	140	2	Vehicle Rotated (Yawed) Clockwise
rotation	140	4	Vehicle Slid/Skid Longitudinally - No Ro
route	36	2	Congressional high priority route



GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
rover	109	62	Land Rover
rover	168	62	Land Rover
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	162	50	Hit & run (and no information)
running	104	7	Running a traffic signal or stop sign
running	162	7	Running a traffic signal or stop sign
running	318	4	Failure to keep in proper lane or runnin
rural	36	19	Unknown rural route
rut	11	50	Pavement Surface Irregularity (ruts, pot
rut	39	50	Pavement Surface Irregularity (ruts, pot
rut	136	50	Pavement surface irregularity (ruts, pot
rut	165	50	Pavement Surface Irregularity (ruts, pot
saab	109	47	Saab
saab	168	47	Saab
safari	112	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	155	20	Minivan (Astro, Caravan, Plymouth Vista,
safety	206	6	Child safety seat
safety	309	*	NONMOT 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	49	5	Sand, dirt, oil
sand	51	8	Other (smog, smoke, blowing sand/dust/sn
sand	105	1	Rain, snow, fog, smoke, sand, dust
saturday	4	7	Saturday
saturday	52	7	Saturday
saturn	109	24	Saturn
saturn	168	24	Saturn
scene	108	0	No, did not leave scene
scene	135	*	MANNER OF LEAVING SCENE
scene	156	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	50	23	School zone related sign
school	112	24	Van-based School Bus
school	116	2	Vehicle used as school bus
school	155	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	155	2	2-door sedan, hardtop, coupe
september	2	9	September
series	172	*	TRUCK SERIES CODE
series	193	3	Some in series
series	194	3	Some of the series
sev	43	*	IMP MAX INJ SEV. IN ACC
sev	160	*	IMP MAX INJ SEV. IN VEH

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
severe	134	3	Disabling (severe)
severity	27	*	MAX INJ SEVERITY IN ACC
severity	43	5	Unknown Injury Severity
severity	134	*	DAMAGE SEVERITY
severity	144	*	MAX INJ SEVERITY IN VEH
severity	160	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	*	NONMOTORIST SEX
sex	330	*	IMPUTED NONMOTORIST SEX
shaft	123	5	Power train - universal joint, drive sha
she	26	13	Motorist fails to detect cyclist he/she
shipping	188	*	SHIPPING WEIGHT
shipping	189	*	SHIPPING WEIGHT VARIANCE
shock	123	4	Suspension - springs, shock absorbers, m
shoulder	15	2	On Shoulder or Parking Lane
shoulder	26	4	Cyclist fails to yield to motorist at a
shoulder	206	1	Lap/shoulder belt
shrubbery	11	44	Shrubbery or bush
shrubbery	39	44	Shrubbery or bush
shrubbery	136	44	Shrubbery or bush
shrubbery	165	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	155	12	Large Limousine (more than four side doo
side	195	3	Driver front air bag, Passenger side act
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	42	5	Sideswipe, same direction
sign	11	37	Post, Pole or Support (sign post, utilit
sign	21	21	Stop sign
sign	26	5	Cyclist fails to yield to motorist at an
sign	39	37	Post, Pole or Support (sign post, utilit
sign	50	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	162	7	Running a traffic signal or stop sign
sign	165	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	5	Cyclist fails to yield to motorist at an
signal	50	1	Traffic control signal (on colors)
signal	104	7	Running a traffic signal or stop sign
signal	123	8	Signal lights
signal	162	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	155	64	Single unit straight truck
sitting	318	29	Playing, working, sitting, lying, standi

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
size	175	*	ORIGINAL TIRE SIZE
skid	140	4	Vehicle Slid/Skid Longitudinally - No Ro
sl	26	14	Motorist loses control of vehicle while
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	51	3	Sleet
slid	140	4	Vehicle Slid/Skid Longitudinally - No Ro
slide-in	112	32	Pickup with slide-in camper
slide-in	155	32	Pickup with slide-in camper
slowed	139	1	Braked/Slowed
slush	20	3	Snow or slush
slush	49	3	Snow or slush
smog	24	8	Other (smog, smoke, blowing sand/dust/sn
smog	51	8	Other (smog, smoke, blowing sand/dust/sn
smoke	24	8	Other (smog, smoke, blowing sand/dust/sn
smoke	51	8	Other (smog, smoke, blowing sand/dust/sn
smoke	105	1	Rain, snow, fog, smoke, sand, dust
snow	20	3	Snow or slush
snow	24	4	Snow
snow	49	3	Snow or slush
snow	51	4	Snow
snow	105	1	Rain, snow, fog, smoke, sand, dust
snowmobile	112	91	Snowmobile
snowmobile	155	91	Snowmobile
soft	126	23	Tripped Rollover - By Soft Soil
soil	126	23	Tripped Rollover - By Soft Soil
south	33	3	South
south	152	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	48	*	IMPUTED SPEED LIMIT
speed	50	40	Advisory Speed Sign
speed	122	*	TRAVEL SPEED
speed	138	60	Excessive Speed
speed	148	*	SPEED RELATED
speeding	104	2	Speeding
speeding	162	2	Speeding
splash	105	8	Splash or spray of passing vehicle
sportvan	112	21	Large van (Sportvan, Chevy Van, Club Wag
sportvan	155	21	Large van (Sportvan, Chevy Van, Club Wag
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	155	40	Cab chassis based (includes rescue vehic
stalled	138	20	Stalled Engine
standard	170	*	NCIC STANDARD MAKE CODE
standard	192	2	4 wheel standard
standing	318	29	Playing, working, sitting, lying, standi

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
starting	137	3	Starting in traffic lane
starting	158	3	Starting in traffic lane
station	112	6	Station Wagon (excluding van and truck b
station	155	6	Station Wagon (excluding van and truck b
statutory	22	0	No statutory limit (parking lot, alley,
statutory	48	0	No statutory limit (parking lot, alley,
stayed	141	1	Vehicle Stayed In Travel Lane
steep	21	41	Warning Sign for Road Conditions (hill,
steep	50	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 (< 4,500 kg GVWR
step	155	22	Step van or walk-in van (< 4,500 kg GVWR
sterling	109	61	Sterling
sterling	168	61	Sterling
stopped	122	0	Stopped vehicle
stopped	137	4	Stopped in traffic lane
stopped	138	200	Stopped
stopped	158	4	Stopped in traffic lane
strahnet	36	3	Strategic Highway Network (STRAHNET) rou
straight	18	1	Straight
straight	26	19	Cyclist turns left in front of motorist
straight	38	1	Straight
straight	112	64	Single unit straight truck
straight	137	1	Going straight
straight	138	411	Entering Intersection - Straight Across
straight	155	64	Single unit straight truck
straight	158	1	Going straight
strategic	36	3	Strategic Highway Network (STRAHNET) rou
stratum	31	*	STRATUM
stratum	150	*	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	155	97	Other type vehicle (e.g., go-cart, fork
stretch	112	12	Large Limousine (more than four side doo
stretch	155	12	Large Limousine (more than four side doo
strike	26	17	Cyclist's path is obstructed; causing cy
striking	142	1	Striking
striking	163	1	Striking
striking	302	*	VEH STRIKING NUMBER NMTR
strip	16	2	Divided highway (median strip, barrier)
struck	26	41	Cyclist struck parked vehicle
struck	142	2	Struck
struck	163	2	Struck
structure	11	34	Bridge Structure (pier/abutment/parapet
structure	39	34	Bridge Structure (pier/abutment/parapet
structure	136	34	Bridge Structure (pier/abutment/parapet
structure	165	34	Bridge Structure (pier/abutment/parapet
struts	123	4	Suspension - springs, shock absorbers, m
student	112	50	School bus (designed to carry students,
student	155	50	School bus (designed to carry students,
style	112	39	Unknown (pickup style) light conventiona
style	155	39	Unknown (pickup style) light conventiona
subaru	109	48	Subaru

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
subaru	168	48	Subaru
suburban	112	16	Utility Station Wagon (Chev. Suburban, G
suburban	155	16	Utility Station Wagon (Chev. Suburban, G
successful	137	18	Successful corrective action to a previo
successful	158	18	Successful corrective action to a previo
sun	112	1	Convertible (excludes sun roof, t-bar)
sun	155	1	Convertible (excludes sun roof, t-bar)
sunday	4	1	Sunday
sunday	52	1	Sunday
sunlight	105	2	Reflected glare, bright sunlight, headli
support	11	37	Post, Pole or Support (sign post, utilit
support	39	37	Post, Pole or Support (sign post, utilit
support	136	37	Post, Pole or Support (sign post, utilit
support	165	37	Post, Pole or Support (sign post, utilit
surface	11	50	Pavement Surface Irregularity (ruts, pot
surface	20	*	ROADWAY SURFACE COND
surface	39	50	Pavement Surface Irregularity (ruts, pot
surface	49	*	IMP ROADWAY SURFACE COND
surface	136	50	Pavement surface irregularity (ruts, pot
surface	165	50	Pavement Surface Irregularity (ruts, pot
suspended	104	5	Driving with a suspended or revoked lice
suspended	162	5	Driving with a suspended or revoked lice
suspension	123	4	Suspension - springs, shock absorbers, m
suzuki	109	53	Suzuki
suzuki	168	53	Suzuki
sweeper	112	97	Other type vehicle (e.g., go-cart, fork
sweeper	155	97	Other type vehicle (e.g., go-cart, fork
swerves	26	20	Cyclist loses control and swerves into t
swings	26	32	Bicyclist swings wide when turning right
system	36	1	Eisenhower Interstate System (EIS)
system	105	9	Inadequate defrost or defog system
system	123	2	Brake system
system	195	8	Dual front air bags, belt system unknown
system	206	*	OCC RESTRAINT SYSTEM USE
t-bar	112	1	Convertible (excludes sun roof, t-bar)
t-bar	155	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	155	90	ATV (all terrain vehicle) and ATC (all t
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	39	10	Thrown or falling object
thrown	136	10	Thrown or falling object
thrown	165	10	Thrown or falling object
thursday	4	5	Thursday
thursday	52	5	Thursday
tie	123	3	Steering system - tie rod, kingpin, ball
time	5	*	ACCIDENT TIME - HOUR
time	6	*	ACCIDENT TIME - MINUTE
time	40	*	IMP ACCIDENT TIME - HOUR
time	44	*	IMP ACC TIME - MINUTE

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
tire	123	1	Tires
tire	138	10	Blow Out or Flat Tire
tire	175	*	ORIGINAL TIRE SIZE
ton	186	*	TON RATING
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	157	5	Top
total	184	*	TOTAL NUMBER OF WHEELS
totally	210	1	Totally ejected
totally	227	1	Totally ejected
tow	112	40	Cab chassis based (includes rescue vehic
tow	155	40	Cab chassis based (includes rescue vehic
towed	31	1	Group 1 - All crashes involving a towed
towed	135	2	Towed due to damage
towed	150	1	Group 1 - All crashes involving a towed
towed	221	1	Group 1 - All crashes involving a towed
towed	321	1	Group 1 - All crashes involving a towed
toyota	109	49	Toyota
toyota	168	49	Toyota
traffic	11	36	Concrete traffic barrier or other longit
traffic	21	*	TRAFFIC CONTROL DEVICE
traffic	26	6	Cyclist fails to clear intersection cont
traffic	39	36	Concrete traffic barrier or other longit
traffic	50	*	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	Decelerating in traffic lane
traffic	158	2	Decelerating in traffic lane
traffic	162	7	Running a traffic signal or stop sign
traffic	165	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	155	15	Large Utility (Jeep Cherokee, Ramcharger
trailer	123	15	Trailer hitch
trailerling	124	*	VEHICLE TRAILERING
trailing	112	66	Truck-tractor (cab only, or with any num
trailing	124	1	Yes, one trailing unit
trailing	155	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	39	23	Railway train
train	123	5	Power train - universal joint, drive sha
train	136	23	Railway train
train	165	23	Railway train
training	26	40	Play vehicle (Big wheel, other tricycle,
transit	112	50	School bus (designed to carry students,
transit	155	50	School bus (designed to carry students,
transmission	123	5	Power train - universal joint, drive sha

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
transport	11	25	Motor vehicle in transport
transport	12	0	Not collision with vehicle in transport
transport	39	25	Motor vehicle in transport
transport	42	0	Not collision with vehicle in transport
transport	136	25	Motor vehicle in transport
transport	165	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
travel	158	6	Disabled or parked in travel lane
traveling	138	210	Traveling in Same Direction With Lower S
treatment	214	*	TAKEN TO HOSP/TREATMENT
treatment	314	*	TAKEN TO HOSP/TREATMENT
tree	11	45	Tree
tree	39	45	Tree
tree	105	5	Trees, crops, vegetation
tree	136	45	Tree
tree	165	45	Tree
tricycle	26	40	Play vehicle (Big wheel, other tricycle,
tripped	126	20	Tripped Rollover - By Curb
triumph	109	50	Triumph
triumph	168	50	Triumph
trks	168	89	Other Trks/Buses
tru	31	1	Group 1 - All crashes involving a towed
tru	150	1	Group 1 - All crashes involving a towed
tru	221	1	Group 1 - All crashes involving a towed
tru	321	1	Group 1 - All crashes involving a towed
truck	31	2	Group 2 - All crashes involving a medium
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	150	2	Group 2 - All crashes involving a medium
truck	155	6	Station Wagon (excluding van and truck b
truck	169	2	Trucks
truck	172	*	TRUCK SERIES CODE
truck	183	*	TRUCK GROSS VEH WEIGHT
truck	205	50	Sleeper section of cab (truck)
truck	221	2	Group 2 - All crashes involving a medium
truck	229	50	Sleeper section of cab (truck)
truck	321	2	Group 2 - All crashes involving a medium
truck-based	112	65	Medium/heavy truck-based motorhome
truck-based	155	65	Medium/heavy truck-based motorhome
truck-tractor	112	66	Truck-tractor (cab only, or with any num
truck-tractor	155	66	Truck-tractor (cab only, or with any num
tuesday	4	3	Tuesday
tuesday	52	3	Tuesday
turning	26	31	Bicyclist cuts corner when turning left;
turning	137	10	Turning right
turning	138	410	Entering Intersection - Turning Into Sam
turning	158	10	Turning right

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
u-turn	137	12	Making U-turn
u-turn	158	12	Making U-turn
unattended	103	0	Unattended vehicle (driverless or no dri
uncontrolled	26	14	Motorist loses control of vehicle while
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	157	6	Undercarriage
unit	112	64	Single unit straight truck
unit	124	1	Yes, one trailing unit
unit	155	64	Single unit straight truck
unit	205	52	Trailing unit
unit	229	52	Trailing unit
universal	123	5	Power train - universal joint, drive sha
untripped	126	10	Untripped Rollover
untripped	143	97	Untripped rollover
urban	36	9	Unknown urban route
utility	11	37	Post, Pole or Support (sign post, utilit
utility	31	1	Group 1 - All crashes involving a towed
utility	39	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	150	1	Group 1 - All crashes involving a towed
utility	155	14	Compact Utility (Jeep CJ-5, Renegade, Go
utility	165	37	Post, Pole or Support (sign post, utilit
utility	221	1	Group 1 - All crashes involving a towed
utility	321	1	Group 1 - All crashes involving a towed
van	112	6	Station Wagon (excluding van and truck b
van	113	2	Van/Enclosed Box
van	155	6	Station Wagon (excluding van and truck b
van-based	112	23	Van-based motorhome
van-based	155	23	Van-based motorhome
variance	187	*	LIST PRICE VARIANCE
variance	189	*	SHIPPING WEIGHT VARIANCE
vegetation	105	5	Trees, crops, vegetation
vendor	26	130	Ice cream vendor
vin	115	*	VIN
vin	168	*	VIN VEHICLE MAKE
vin	169	*	VIN VEHICLE TYPE
vin	173	*	VIN MODEL YEAR
vin	178	*	VIN BODY TYPE
vina	171	*	VINA MOD
violation	26	760	Driver violation
violation	104	*	VIOLATIONS CHARGED
violation	162	*	IMP VIOLATIONS CHARGED
vision	105	*	VISION OBSCURED BY
vista	112	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	155	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	109	30	Volkswagen
volkswagen	168	30	Volkswagen
volvo	109	51	Volvo
volvo	168	51	Volvo
wagon	112	6	Station Wagon (excluding van and truck b



GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
wagon	155	6	Station Wagon (excluding van and truck b
wagoneer	112	16	Utility Station Wagon (Chev. Suburban, G
wagoneer	155	16	Utility Station Wagon (Chev. Suburban, G
waiting	26	610	Waiting to cross
walk-in	112	22	Step van or walk-in van (< 4,500 kg GVWR
walk-in	155	22	Step van or walk-in van (< 4,500 kg GVWR
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	39	42	Wall
wall	136	42	Wall
wall	165	42	Wall
warning	21	41	Warning Sign for Road Conditions (hill,
warning	50	41	Warning Sign for Road Conditions (hill,
wednesday	4	4	Wednesday
wednesday	52	4	Wednesday
week	4	*	ACCIDENT DAY OF WEEK
week	52	*	I ACCIDENT DAY OF WEEK
weight	34	*	WEIGHT
weight	153	*	WEIGHT
weight	183	*	TRUCK GROSS VEH WEIGHT
weight	188	*	SHIPPING WEIGHT
weight	189	*	SHIPPING WEIGHT VARIANCE
weight	224	*	WEIGHT
weight	324	*	WEIGHT
weird	26	36	Weird
west	33	4	West
west	152	4	West
west	223	4	West
west	323	4	West
wet	20	2	Wet
wet	49	2	Wet
wheel	26	40	Play vehicle (Big wheel, other tricycle,
wheel	123	11	Wheels
wheel	138	30	Disabling Vehicle Failure (e.g. wheel fe
wheel	176	*	WHEEL BASE
wheel	177	*	LONGEST WHEEL BASE
wheel	184	*	TOTAL NUMBER OF WHEELS
wheel	185	*	NUMBER OF DRIVING WHEELS
wheel	192	2	4 wheel standard
wheel	193	*	FRONT WHEEL DRIVE
wheel	194	*	FOUR WHEEL DRIVE
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	155	13	Three wheeled automobile or automobile d
which	31	3	Group 3 - All crashes not involving a to
which	138	199	Unknown Which Edge
which	150	3	Group 3 - All crashes not involving a to
which	221	3	Group 3 - All crashes not involving a to
which	321	3	Group 3 - All crashes not involving a to
white	109	82	Freightliner, White
wide	26	32	Bicyclist swings wide when turning right
wind	21	43	Warning Sign for Environment/Traffic (fo
wind	50	43	Warning Sign for Environment/Traffic (fo

GES 1997 Index (continued)

Item	Var	CV	Variable Name or Code Value
windshield	105	14	Broken or improperly cleaned windshield
wiper	123	10	Wipers
work	35	*	WORK ZONE
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
yamaha	168	76	Yamaha
yawed	140	2	Vehicle Rotated (Yawed) Clockwise
year	3	*	ACCIDENT DATE - YEAR
year	111	*	MODEL YEAR
year	159	*	IMPUTED MODEL YEAR
year	173	*	VIN 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 to motorist at a
yield	50	22	Yield sign
yield	104	6	Failure to yield right-of-way
yield	162	6	Failure to yield right-of-way
yield	318	7	Failure to yield right of way
yugo	109	57	Yugo
yugo	168	57	Yugo
zip	147	*	DRIVERS ZIP CODE
zone	21	23	School zone related sign
zone	35	*	WORK ZONE
zone	50	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	155	2	2-door sedan, hardtop, coupe
2-stroke	191	2	2-Stroke Engine
3-door	112	3	3-door/2-door hatchback
3-door	155	3	3-door/2-door hatchback
4-door	112	4	4-door sedan, hardtop
4-door	155	4	4-door sedan, hardtop
4-stroke	191	4	4-Stroke Engine
5-door	112	5	5-door/4-door hatchback
5-door	155	5	5-door/4-door hatchback

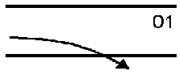

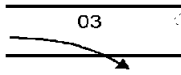
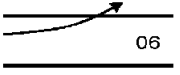

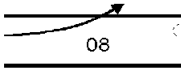

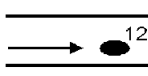
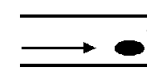
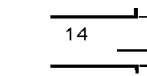
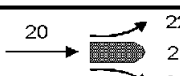
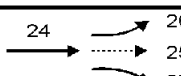
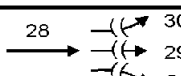
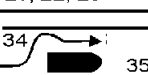
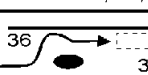
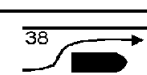
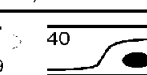
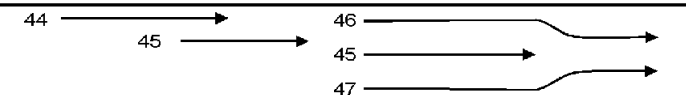
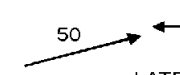


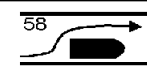
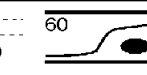
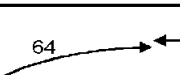

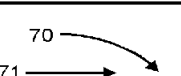
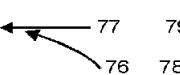
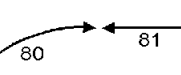
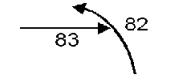

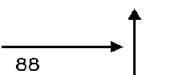
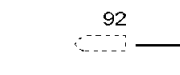

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APPENDIX

Code Values for Variable 143

"Accident Type"



Category	Configuration	ACCIDENT TYPES (Includes Intent)					
I. Single Driver	A. Right Roadside Departure	 01 DRIVE OFF ROAD	 02 CONTROL/ TRACTION LOSS	 03 AVOID COLLISION WITH VEH., PED., ANIM.	04 SPECIFICS OTHER	05 SPECIFICS UNKNOWN	
	B. Left Roadside Departure	 06 DRIVE OFF ROAD	 07 CONTROL/ TRACTION LOSS	 08 AVOID COLLISION WITH VEH., PED., ANIM.	09 SPECIFICS OTHER	10 SPECIFICS UNKNOWN	
	C. Forward Impact	 11 PARKED VEHICLE	 12 STATIONARY OBJECT	 13 PEDESTRIAN/ ANIMAL	 14 END DEPARTURE	15 SPECIFICS OTHER	16 SPECIFICS UNKNOWN
II. Same Trafficway Same Direction	D. Rear-End	 20 STOPPED 21, 22, 23	 24 SLOWER 25, 26, 27	 28 DECELERATING 29, 30, 31	(EACH - 32) SPECIFICS OTHER	(EACH - 33) SPECIFICS UNKNOWN	
	E. Forward Impact	 34 CONTROL/ TRACTION LOSS	 36 CONTROL/ TRACTION LOSS	 38 AVOID COLLISION WITH VEHICLE	 40 AVOID COLLISION WITH OBJECT	(EACH - 42) SPECIFICS OTHER	(EACH - 43) SPECIFICS UNKNOWN
	F. Sideswipe Angle	 44 45 46 47			(EACH - 48) SPECIFICS OTHER	(EACH - 49) SPECIFICS UNKNOWN	
III. Same Trafficway Opposite Direction	G. Head-On	 50 51 LATERAL MOVE			(EACH - 52) SPECIFICS OTHER	(EACH - 53) SPECIFICS UNKNOWN	
	H. Forward Impact	 54 CONTROL/ TRACTION LOSS	 56 CONTROL/ TRACTION LOSS	 58 AVOID COLLISION WITH VEHICLE	 60 AVOID COLLISION WITH OBJECT	(EACH - 62) SPECIFICS OTHER	(EACH - 63) SPECIFICS UNKNOWN
	I. Sideswipe/Angle	 64 65 LATERAL MOVE			(EACH - 66) SPECIFICS OTHER	(EACH - 67) SPECIFICS UNKNOWN	
IV. Change Trafficway Vehicle Turning	J. Turn Across Path	 68 69 INITIAL OPPOSITE DIRECTIONS	 70 71 72 INITIAL SAME DIRECTION		(EACH - 74) SPECIFICS OTHER	(EACH - 75) SPECIFICS UNKNOWN	
	K. Turn Into Path	 77 78 TURN INTO SAME DIRECTION	 80 81 TURN INTO OPPOSITE DIRECTIONS	 82 83	(EACH - 84) SPECIFICS OTHER	(EACH - 85) SPECIFICS UNKNOWN	
V. Intersecting Paths (Vehicle Damage)	L. Straight Paths	 86 87	 88 89		(EACH - 90) SPECIFICS OTHER	(EACH - 91) SPECIFICS UNKNOWN	
VI. Miscellaneous	M. Backing Etc.	 92 93 BACKING VEHICLE	 93 OTHER VEHICLE OR OBJECT		97 UNTRIPPED ROLLOVER 98 OTHER ACCIDENT TYPE 99 UNKNOWN ACCIDENT TYPE 00 NO IMPACT		

