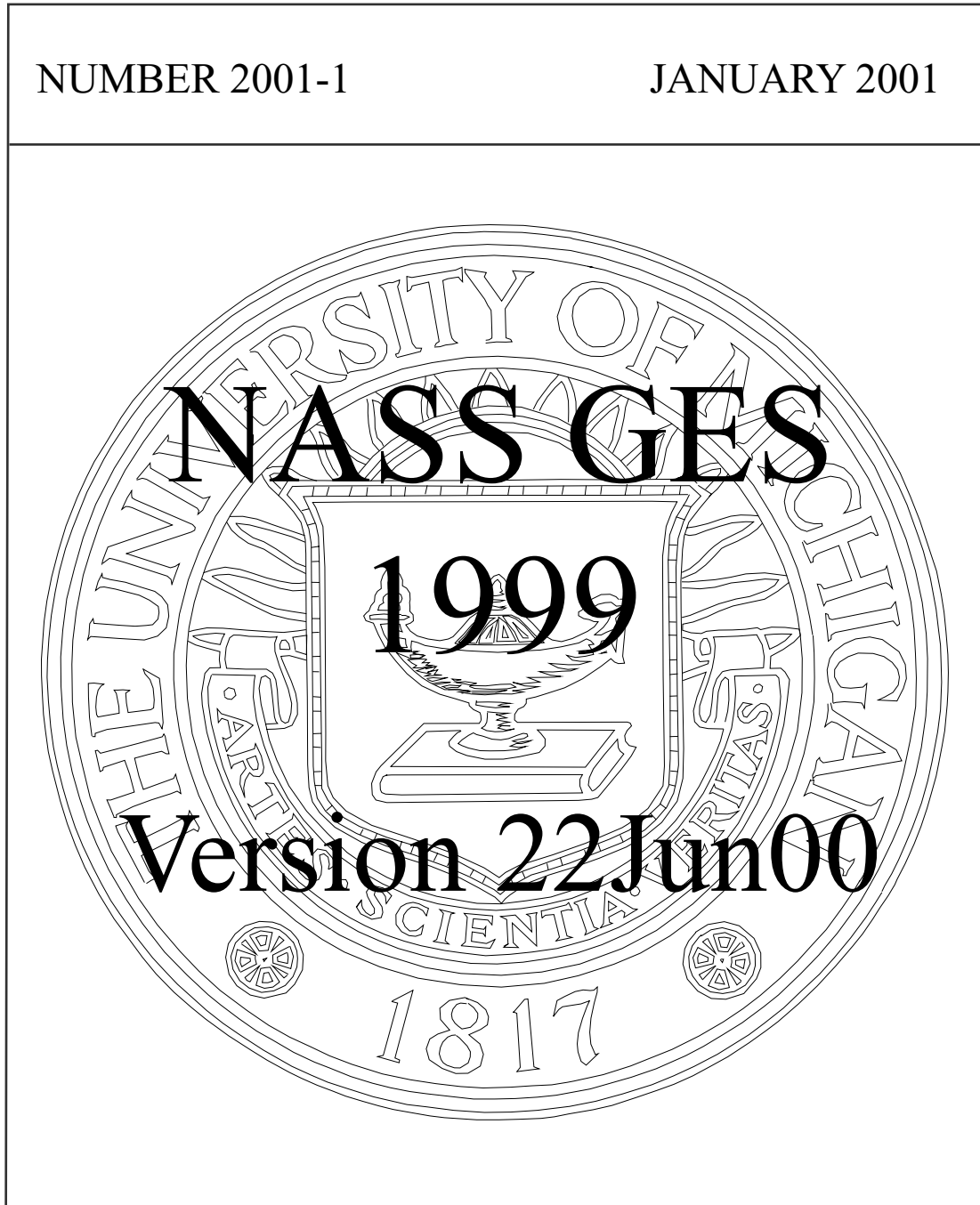


Transportation Data Center  
Data Set Codebook

NUMBER 2001-1

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The University of Michigan  
Transportation Research Institute



## GENERAL ESTIMATES SYSTEMS (GES)

1999 Codebook - Version 22Jun00

### Introduction

This codebook documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 1999. 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 June 22, 2000.

The data are a sample of the 1999 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 nonmotorists). This structure has been reformatted into a set of four rectangular files described below. A relational data set is maintained, however, and persons interested in rectangular file structures not supplied in the system data sets should contact the Data Center.

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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 - 1999 File.

In the 1999 GES file there are 277 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	GES99ACC	52,913	1-34
Vehicle	GES99VEH	94,846	1-34,101-154
Occupant	GES99OCC	134,095	1-34,101-154,201-223
Nonmotorist	GES99NMT	2,953	1-34,101-154,201-223,301-323

The codebook 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 GES99VEH, nonmotorist frequencies from GES99NMT, etc.).

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

The GES investigation STRATUM (variables 30, 150, 220, 320), 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 codebook by calling 734-763-3230 or by emailing TDC-UMTRI@umich.edu.

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



General Estimates System (GES)  
1999 - Accident

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





General Estimates System (GES)  
1999 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE NUMBER	9	Numeric	15
102	VEHICLE NUMBER	2	Numeric	15
103	DRIVER PRESENCE	1	Numeric	15
104	VIOLATIONS CHARGED	2	Numeric	15
105	VISION OBSCURED BY	2	Numeric	16
106	DRIVER MANEUVER TO AVOID	2	Numeric	16
107	DRIVER DISTRACTED BY	2	Numeric	17
108	HIT-AND-RUN	1	Numeric	17
109	MAKE	2	Numeric	18
110	MAKE/MODEL	5	Numeric	19
111	MODEL YEAR	4	Numeric	46
112	BODY TYPE	2	Numeric	47
113	CARGO BODY TYPE	2	Numeric	48
114	NO OF AXLES ON VEH/TRAIL	2	Numeric	49
115	VIN	11	Alphabetic	49
116	SPECIAL USE	2	Numeric	49
117	HAZ MATERIAL PLACARD NO	5	Numeric	50
118	HAZ MATERIALS PLACARDED	1	Numeric	50
119	HAZ MATERIALS RELEASE	1	Numeric	50
120	EMERGENCY USE	1	Numeric	51
121	NUM OCC INVOLVED IN VEH	2	Numeric	51
122	TRAVEL SPEED	2	Numeric	51
123	VEHICLE CONTRIB FACTORS	2	Numeric	52
124	VEHICLE TRAILERING	1	Numeric	52
125	JACKKNIFE	1	Numeric	52
126	ROLLOVER	2	Numeric	53
127	FIRE OCCURRENCE	1	Numeric	53
128	INITIAL POINT OF IMPACT	2	Numeric	53
129	DAMAGE AREA #1	1	Numeric	53
130	DAMAGE AREA #2	1	Numeric	54
131	DAMAGE AREA #3	1	Numeric	54
132	DAMAGE AREA #4	1	Numeric	55
133	DAMAGE AREA #5	1	Numeric	55
134	DAMAGE SEVERITY	1	Numeric	55
135	MANNER OF LEAVING SCENE	1	Numeric	56
136	MOST HARMFUL EVENT	2	Numeric	56
137	PRIOR TO CRITICAL EVENT	2	Numeric	57
138	CRITICAL EVENT	3	Numeric	57
139	CORRECTIVE ACTION ATTEMP	2	Numeric	59
140	PRECRASH VEHICLE CONTROL	2	Numeric	60
141	PRECRASH LOCATION	2	Numeric	60
142	VEHICLE ROLE	1	Numeric	61
143	ACCIDENT TYPE	2	Numeric	61
144	MAX INJ SEVERITY IN VEH	1	Numeric	64
145	NUMBER INJURED IN VEH	2	Numeric	64
146	ALCOHOL INVOLVED IN VEH	1	Numeric	64
147	DRIVERS ZIP CODE	5	Numeric	64
148	SPEED RELATED	1	Numeric	65
149	POLICE JURISDICTION	3	Numeric	65
150	STRATUM	1	Numeric	65

General Estimates System (GES)  
1999 - Vehicle

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
151	PSU NUMBER	2	Numeric	65
152	REGION OF COUNTRY	1	Numeric	66
153	WEIGHT	8	Numeric	66
154	CARRIER'S ID NUMBER	6	Numeric	66

General Estimates System (GES)  
1999 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	9	Numeric	67
202	VEHICLE NUMBER	2	Numeric	67
203	OCCUPANT NUMBER	2	Numeric	67
204	OCCUPANT TYPE	1	Numeric	68
205	OCC SEATING POSITION	2	Numeric	68
206	OCC RESTRAINT SYSTEM USE	1	Numeric	68
207	AIRBAG AVAIL/FUNCTION	1	Numeric	69
208	FILLER	1	Numeric	69
209	OCCUPANT EJECTION	1	Numeric	69
210	OCCUPANT AGE	2	Numeric	69
211	OCCUPANT SEX	1	Numeric	70
212	OCC INJURY SEVERITY	1	Numeric	70
213	TAKEN TO HOSP/TREATMENT	1	Numeric	70
214	OCCUPANT IMPAIRMENT	2	Numeric	70
215	PAR ALCOHOL INVOLVEMENT	1	Numeric	71
216	PAR DRUG INVOLVEMENT	1	Numeric	71
217	FILLER	2	Numeric	71
218	FILLER	2	Numeric	71
219	POLICE JURISDICTION	3	Numeric	72
220	STRATUM	1	Numeric	72
221	PSU NUMBER	2	Numeric	72
222	REGION OF COUNTRY	1	Numeric	72
223	WEIGHT	8	Numeric	72



General Estimates System (GES)  
1999 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	9	Numeric	73
302	VEH STRIKING NUMBER NMTR	2	Numeric	73
303	NONMOTORIST NUMBER	2	Numeric	73
304	NONMOTORIST TYPE	1	Numeric	73
305	FILLER	2	Numeric	74
306	FILLER	1	Numeric	74
307	FILLER	1	Numeric	74
308	NONMOT SAFETY EQUIP USE	1	Numeric	74
309	FILLER	1	Numeric	74
310	NONMOTORIST AGE	2	Numeric	74
311	NONMOTORIST SEX	1	Numeric	75
312	NMTR INJURY SEVERITY	1	Numeric	75
313	TAKEN TO HOSP/TREATMENT	1	Numeric	75
314	NMTR PHYSICAL IMPAIRMENT	2	Numeric	75
315	PAR ALCOHOL INVOLVEMENT	1	Numeric	76
316	PAR DRUG INVOLVEMENT	1	Numeric	76
317	NONMOTORIST ACTION	2	Numeric	76
318	NMTR LOCATION	2	Numeric	77
319	POLICE JURISDICTION	3	Numeric	77
320	STRATUM	1	Numeric	78
321	PSU NUMBER	2	Numeric	78
322	REGION OF COUNTRY	1	Numeric	78
323	WEIGHT	8	Numeric	78



The ACCIDENT Variables

Variables 1 through 34 describe the accident. They are included in the Accident, Vehicle, Occupant, and Nonmotorist data sets. The Accident data set contains these variables and no others.

Variable 1	CASE NUMBER	Width: 9	Type: Numeric
		Dec: None	Miss: None

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

22Jun00 Prcnt      Code Value and Description

4444	8.4	1	January
3688	7.0	2	February
4331	8.2	3	March
4179	7.9	4	April
4405	8.3	5	May
4465	8.4	6	June
4317	8.2	7	July
4571	8.6	8	August
4501	8.5	9	September
4819	9.1	10	October
4497	8.5	11	November
4696	8.9	12	December

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

22Jun00 Prcnt      Code Value and Description

52913	100.0	1999	1999
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Variable 4	ACCIDENT DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

22Jun00 Prcnt      Code Value and Description

5361	10.1	1	Sunday
7804	14.7	2	Monday
8009	15.1	3	Tuesday
7783	14.7	4	Wednesday
7897	14.9	5	Thursday

Variable 4: ACCIDENT DAY OF WEEK (Continued)

22Jun00 Prcnt Code Value and Description

9168	17.3	6	Friday
6891	13.0	7	Saturday

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

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Crash time - hour

22Jun00 Prcnt Code Value and Description

955	1.8	0	12:01 am - 12:59 am
885	1.7	1	1:00 am - 1:59 am
837	1.6	2	2:00 am - 2:59 am
607	1.1	3	3:00 am - 3:59 am
493	0.9	4	4:00 am - 4:59 am
688	1.3	5	5:00 am - 5:59 am
1305	2.5	6	6:00 am - 6:59 am
2796	5.3	7	7:00 am - 7:59 am
2694	5.1	8	8:00 am - 8:59 am
2203	4.2	9	9:00 am - 9:59 am
2324	4.4	10	10:00 am - 10:59 am
2777	5.2	11	11:00 am - 11:59 am
3247	6.1	12	12:00 pm - 12:59 pm
3026	5.7	13	1:00 pm - 1:59 pm
3569	6.7	14	2:00 pm - 2:59 pm
4244	8.0	15	3:00 pm - 3:59 pm
4122	7.8	16	4:00 pm - 4:59 pm
4184	7.9	17	5:00 pm - 5:59 pm
3222	6.1	18	6:00 pm - 6:59 pm
2253	4.3	19	7:00 pm - 7:59 pm
1793	3.4	20	8:00 pm - 8:59 pm
1668	3.2	21	9:00 pm - 9:59 pm
1522	2.9	22	10:00 pm - 10:59 pm
1210	2.3	23	11:00 pm - 11:59 pm
30	0.1	24	12:00 Midnight
259	0.5	99	Unknown

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

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Crash time - minute

22Jun00 Prcnt Code Value and Description

4924	9.3	0	- Minute
381	0.7	59	
259	0.5	99	Unknown



<u>Variable 7</u>	<u>NUM VEH INVOLVED IN ACC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number of vehicles involved

22Jun00	Prcnt	Code	Value and Description
16537	31.3	1	1 vehicle involved
31930	60.3	2	2 vehicles involved
3631	6.9	3	3 vehicles involved
636	1.2	4	4 vehicles involved
118	0.2	5	5 vehicles involved
37	0.1	6	6 vehicles involved
12	0.0	7	7 vehicles involved
5	0.0	8	8 vehicles involved
1	0.0	9	9 vehicles involved
2	0.0	10	10 vehicles involved
1	0.0	11	11 vehicles involved
3	0.0	12	12 vehicles involved

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

Number of nonmotorists involved

22Jun00	Prcnt	Code	Value and Description
50084	94.7	0	0 nonmotorists involved
2719	5.1	1	1 nonmotorist involved
99	0.2	2	2 nonmotorists involved
8	0.0	3	3 nonmotorists involved
3	0.0	4	4 nonmotorists involved

<u>Variable 9</u>	<u>LAND USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

22Jun00	Prcnt	Code	Value and Description
9936	18.8	1	Within area of population 25,000-49,999
4456	8.4	2	Within area of population 50,000-100,000
20585	38.9	3	Within area of population 100,000+
17710	33.5	8	Other area
226	0.4	9	Unknown

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

22Jun00 Prcnt	Code	Value and Description
		NonCollision
1737 3.3	1	Rollover/Overturn
52 0.1	2	Fire/Explosion
11 0.0	3	Immersion
0 0.0	4	Gas Inhalation
155 0.3	5	Jackknife
91 0.2	6	Noncollision injury (injured in vehicle, or fell from vehicle)
16 0.0	7	Pavement Surface Irregularity (ruts, potholes, grates, etc.)
302 0.6	8	Other noncollision
5 0.0	9	Noncollision - no details
37 0.1	10	Thrown or falling object
		Collision with Object Not Fixed
1587 3.0	21	Pedestrian
1080 2.0	22	Cycle or cyclist (pedalcycle or pedalcyclist)
26 0.0	23	Railway train
1346 2.5	24	Animal
35678 67.4	25	Motor vehicle in transport
1804 3.4	26	Parked motor vehicle (or other mv not in transport)
29 0.1	27	Other type nonmotorist or conveyance
233 0.4	28	Other object not fixed
19 0.0	29	Object not fixed - no details
		Collision with Fixed Object
110 0.2	31	Ground
89 0.2	32	Building
26 0.0	33	Impact attenuator or crash cushion
161 0.3	34	Bridge structure (pier/abutment/parapet end/rail)
949 1.8	35	Guardrail
657 1.2	36	Concrete traffic barrier or other longitudinal barrier type
1699 3.2	37	Post, pole or support (sign post, utility post)
1340 2.5	38	Culvert or ditch
619 1.2	39	Curb
535 1.0	40	Embankment
388 0.7	41	Fence
182 0.3	42	Wall
76 0.1	43	Fire hydrant
92 0.2	44	Shrubbery or bush
1203 2.3	45	Tree
94 0.2	46	Boulder
415 0.8	58	Other fixed object
47 0.1	59	Fixed object - no details
23 0.0	99	Unknown

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

22Jun00 Prcnt      Code Value and Description

17235	32.6	0	Not collision with motor vehicle in transport
13916	26.3	1	Rear-end
1068	2.0	2	Head-on
17	0.0	3	Rear-to-rear
16483	31.2	4	Angle
3451	6.5	5	Sideswipe, same direction
631	1.2	6	Sideswipe, opposite direction
0	0.0	8	Other
112	0.2	9	Unknown

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

22Jun00 Prcnt      Code Value and Description

46674	88.2	0	No
6204	11.7	1	Yes
35	0.1	9	Unknown

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

22Jun00 Prcnt      Code Value and Description

Non-Interchange Area

22028	41.6	0	Non-junction
13603	25.7	1	Intersection
8762	16.6	2	Intersection related
5071	9.6	3	Driveway, alley access, etc.
236	0.4	4	Entrance/exit ramp
146	0.3	5	Rail grade crossing
303	0.6	6	On a bridge
135	0.3	7	Crossover related
107	0.2	8	Other, non-interchange
289	0.5	9	Unknown, non-interchange

Interchange Area

383	0.7	10	Non-junction
234	0.4	11	Intersection
201	0.4	12	Intersection related
4	0.0	13	Driveway alley access, etc.
1237	2.3	14	Entrance/exit ramp
39	0.1	16	On a bridge
8	0.0	17	Crossover related
44	0.1	18	Other location in interchange
13	0.0	19	Unknown, interchange area

## Variable 13:RELATION TO JUNCTION (Continued)

22Jun00	Prcnt	Code	Value and Description
70	0.1	99	Unknown if interchange

Variable 14	RELATION TO ROADWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

22Jun00	Prcnt	Code	Value and Description
35	0.1	0	Separator
40978	77.4	1	On roadway
882	1.7	2	On shoulder
1021	1.9	3	On median
3960	7.5	4	On roadside
1678	3.2	5	Outside trafficway
2662	5.0	6	Off roadway - location unknown
1474	2.8	7	In parking lane
103	0.2	8	Gore
120	0.2	9	Unknown

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

22Jun00	Prcnt	Code	Value and Description
27155	51.3	1	Not physically divided (two way trafficway)
15457	29.2	2	Divided highway (with or without barrier)
2189	4.1	3	One way trafficway
8112	15.3	9	Unknown

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

22Jun00	Prcnt	Code	Value and Description
1132	2.1	1	One lane
23456	44.3	2	Two lanes
6123	11.6	3	Three lanes
7034	13.3	4	Four lanes
3511	6.6	5	Five lanes
1124	2.1	6	Six lanes
646	1.2	7	Seven or more lanes
9887	18.7	9	Unknown

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

22Jun00 Prcnt Code Value and Description

43590	82.4	1	Straight
5915	11.2	2	Curve
3408	6.4	9	Unknown

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

22Jun00 Prcnt Code Value and Description

28977	54.8	1	Level
8701	16.4	2	Grade
725	1.4	3	Hillcrest
133	0.3	8	Other
14377	27.2	9	Unknown

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

Roadway surface condition

22Jun00 Prcnt Code Value and Description

41171	77.8	1	Dry
8561	16.2	2	Wet
1241	2.3	3	Snow or slush
1174	2.2	4	Ice
108	0.2	5	Sand, dirt, oil
88	0.2	8	Other
570	1.1	9	Unknown

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

22Jun00 Prcnt Code Value and Description

37818	71.5	0	No controls
Not at Railroad Grade Crossing			
10660	20.1	1	Traffic control signal (on colors)
273	0.5	4	Flashing traffic control signal or flashing beacon
20	0.0	8	Other traffic signal
3	0.0	9	Unknown traffic signal
Regulatory, School Zone or Warning Signs:			
2179	4.1	21	Stop sign

Variable 20:TRAFFIC CONTROL DEVICE (Continued)

22Jun00	Prcnt	Code	Value and Description
395	0.7	22	Yield sign
18	0.0	23	School zone related sign
306	0.6	28	Other sign
9	0.0	29	Unknown sign
Warning Sign			
79	0.1	40	Advisory speed sign
53	0.1	41	Warning sign for road conditions (hill, steep grade, etc.)
119	0.2	42	Warning sign for road construction
6	0.0	43	Warning sign for environment/traffic (fog ahead, wind, crash ahead)
103	0.2	49	Unknown type warning sign
Miscellaneous not at Railroad Crossing:			
110	0.2	51	Officer, crossing guard, flagman, etc.
At Railroad Grade Crossing			
53	0.1	61	Active devices (gates, flashing lights, traffic signal)
39	0.1	62	Passive devices (stop sign, cross-bucks)
Other/Unknown			
62	0.1	97	Traffic control present - no details
161	0.3	98	Other traffic control (whether or not at RR grade crossing)
447	0.8	99	Unknown

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

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22Jun00	Prcnt	Code	Value and Description
188	0.4	0	No statutory limit (parking lot, alley, etc.)
7	0.0	5	- Actual speed limit
153	0.3	75	
8038	15.2	99	Unknown

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

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22Jun00	Prcnt	Code	Value and Description
36808	69.6	1	Daylight
5912	11.2	2	Dark
7750	14.6	3	Dark, but lighted
735	1.4	4	Dawn
1220	2.3	5	Dusk

Variable 22:LIGHT CONDITION (Continued)

22Jun00 Prcnt Code Value and Description

0	0.0	6	Dawn or Dusk
488	0.9	9	Unknown

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

22Jun00 Prcnt Code Value and Description

44111	83.4	1	No adverse atmospheric related driving conditions
5927	11.2	2	Rain
153	0.3	3	Sleet
1374	2.6	4	Snow
324	0.6	5	Fog
21	0.0	6	Rain and fog
3	0.0	7	Sleet and fog
544	1.0	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
456	0.9	9	Unknown

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

Was a school bus directly or indirectly involved?

22Jun00 Prcnt Code Value and Description

52655	99.5	0	No
258	0.5	1	Yes

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

Pedestrian/Cyclist Crash Type

22Jun00 Prcnt Code Value and Description

50169	94.8	0	No pedestrian/cyclist involved
			Cyclist from Driveway, Alley, or other Midblock Location
45	0.1	1	Cyclist fails to yield to motorist at a residential driveway or alley; precrash path perpendicular to roadway
22	0.0	2	Cyclist fails to yield to motorist at a commercial driveway or alley; precrash path perpendicular to roadway

## Variable 25:PED/CYCLIST ACC TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
		3	Cyclist turns or merges into path of motorist from residential driveway or alley; precrash path parallel to roadway
28	0.1		
		4	Cyclist fails to yield to motorist at a midblock location; entry is over curb or shoulder
75	0.1		
			Bicyclist Rides out from a Controlled Intersection
		5	Cyclist fails to yield to motorist at an intersection controlled by a stop sign or a flashing red signal
91	0.2		
		6	Cyclist fails to clear intersection controlled by signal before light turns green for cross traffic; motorists' view of cyclist was not obstructed
8	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
1	0.0		
			Motorist Turns or Drives out in front of Bicyclist
		8	Motorist exiting from driveway, alley, or other midblock location fails to yield to cyclist
32	0.1		
		9	At an intersection controlled by a stop sign or flashing red light, motorist obeys the sign but fails to yield to cyclist
61	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
24	0.0		
		11	Motorist backing from driveway fails to yield to cyclist
12	0.0		
		12	Motorist fails to stop at an intersection controlled by stop sign
23	0.0		
			Motorist Overtakes Bicyclist
		13	Motorist fails to detect cyclist he/she is overtaking
21	0.0		
		14	Motorist loses control of veh while overtaking cyclist; in some cases motorist is in uncontrolled slide or spin, but more often, merely loses precise control & veers too far to right
3	0.0		
		15	The motorist and the cyclist counteract each other's evasive action
5	0.0		
		16	Motorist misjudges space required to pass cyclist
13	0.0		
		17	Cyclist's path is obstructed; causing cyclist to strike obstruction or overtaking motorist
0	0.0		
			Bicyclist Makes Unexpected Turn or Swerve
		18	Cyclist turns left in front of motorist preceeding in the same direction
29	0.1		
		19	Cyclist turns left in front of motorist approaching from straight ahead
13	0.0		
		20	Cyclist loses control and swerves into the path of a motorist proceeding in the same direction
4	0.0		
		21	Cyclist riding on wrong side of street makes right turn in path of approaching motorist
4	0.0		



Variable 25:PED/CYCLIST ACC TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
			<b>Motorist Makes Unexpected Turn</b>
8	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
62	0.1	23	Motorist make left turn in front of cyclist approaching from straight ahead
47	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 wrong side of street)
			<b>Other/Infrequent</b>
7	0.0	25	Vehicles collided at uncontrolled intersection; crossing paths
23	0.0	26	Vehicles collide head-on; wrong-way bicyclist
14	0.0	27	Bicyclist overtaking motor vehicle
4	0.0	28	Vehicles collide head-on; wrong-way motorist
47	0.1	29	Parking lot, other open area; crossing paths
0	0.0	30	Vehicles collide head-on; counteractive evasive action
8	0.0	31	Bicyclist cuts corner when turning left; crossing paths
3	0.0	32	Bicyclist swings wide when turning right; crossing paths
7	0.0	33	Motorist cuts corner when turning left; crossing paths
18	0.0	34	Motorist swings wide when turning right; crossing paths
7	0.0	35	Motorist drives out from on-street parking
2	0.0	36	Weird
0	0.0	37	Insufficient information to classify
31	0.1	39	Motorist overtaking (cyclist)
1	0.0	40	Play vehicle (big wheel, other tricycle, or bicyclist with training wheels)
6	0.0	41	Cyclist struck parked vehicle
16	0.0	48	Drive out - intersection (motorist drove out into or in front of cyclist)
110	0.2	49	Ride out - intersection (bicyclist)
49	0.1	55	Controlled intersection - other
9	0.0	97	Unknown
44	0.1	98	Parallel path - unknown
49	0.1	99	Intersecting path - unknown
			<b>Pedestrian Crash Types</b>
18	0.0	110	Commercial bus
9	0.0	120	School bus
15	0.0	130	Ice cream vendor
6	0.0	140	Mailbox related
25	0.0	150	Entering/exiting
23	0.0	210	Driverless vehicle
45	0.1	220	Backing
4	0.0	230	Hot pursuit
8	0.0	310	To/from disabled vehicle
19	0.0	320	Disabled vehicle related
7	0.0	330	Emergency vehicle related
33	0.1	410	Working on roadway

Variable 25: PED/CYCLIST ACC TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	420	Play vehicle related
32	0.1	430	Playing in roadway
2	0.0	510	Hitchhiking
19	0.0	520	Expressway crossing
42	0.1	531	Walking along roadway - with traffic
18	0.0	532	Walking along roadway - against traffic
16	0.0	539	Walking along roadway - can't specify
18	0.0	610	Waiting to cross
44	0.1	620	Not in roadway
26	0.0	710	Multiple threat, intersection
187	0.4	720	Vehicle turn/merge
131	0.2	730	Intersection dash
18	0.0	740	Trapped
37	0.1	750	Pedestrian walked into vehicle - intersection
80	0.2	760	Driver violation
236	0.4	790	Intersection - other
15	0.0	810	Multiple threat - midblock
67	0.1	821	Midblock dart-out - first half
34	0.1	822	Midblock dart-out - second half
45	0.1	829	Midblock dart-out - can't specify
137	0.3	830	Midblock dash
24	0.0	840	Pedestrian walked into vehicle - midblock
180	0.3	890	Midblock - other
23	0.0	910	Other - weird
10	0.0	920	Inadequate information
Wheelchair Pedestrian Crash Types			
1	0.0	1620	On sidewalk or other nonroadway location (with traffic)
3	0.0	1790	Other accident at an intersection / insufficient information
1	0.0	1890	Midblock - other accident

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

Maximum injury severity in crash

22Jun00	Prcnt	Code	Value and Description
24551	46.4	0	No injury
10296	19.5	1	Possible injury
10246	19.4	2	Nonincapacitating
4774	9.0	3	Incapacitating
487	0.9	4	Fatal
50	0.1	5	Unknown injury severity
0	0.0	6	Died prior
46	0.1	8	No person coded in crash
2463	4.7	9	Unknown

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

Number of injured persons in crash

22Jun00 Prcnt      Code Value and Description

27060	51.1	0	No person injured / property damage only crash
17097	32.3	1	- Actual number of people injured
1	0.0	20	

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

Was alcohol usage involved in the crash?

22Jun00 Prcnt      Code Value and Description

3573	6.8	1	Alcohol involved
46562	88.0	2	No alcohol involved
46	0.1	8	No person coded
2732	5.2	9	Unknown

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

Police Jurisdiction codes repeated in each PSU.

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

22Jun00 Prcnt      Code Value and Description

24853	47.0	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
8295	15.7	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
5902	11.2	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
13863	26.2	4	Group 4 - All other crashes

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

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

22Jun00 Prcnt      Code Value and Description

7989	15.1	1	Northeast
14258	26.9	2	Midwest
21752	41.1	3	South
8914	16.8	4	West

Variable 33	WEIGHT	Width: 8	Type: Numeric
		Dec: 3	Miss: None

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

22Jun00 Prcnt      Code Value and Description

51772	97.8	0	No
1141	2.2	1	Yes

The VEHICLE/DRIVER Variables

Variables 101 through 154 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: 9	Type: Numeric
		Dec: None	Miss: None

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

22Jun00 Prcnt      Code Value and Description

52913	55.8	1	Vehicle #1
36376	38.4	2	Vehicle #2
4446	4.7	3	Vehicle #3
815	0.9	4	Vehicle #4
179	0.2	5	Vehicle #5
61	0.1	6	Vehicle #6
24	0.0	7	Vehicle #7
12	0.0	8	Vehicle #8
7	0.0	9	Vehicle #9
6	0.0	10	Vehicle #10
4	0.0	11	Vehicle #11
3	0.0	12	Vehicle #12

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

22Jun00 Prcnt      Code Value and Description

296	0.3	0	Unattended vehicle (driverless or no driver involved)
90124	95.0	1	Driver operated vehicle
4426	4.7	2	Hit-and-run
0	0.0	9	Unknown driver presence

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

22Jun00 Prcnt      Code Value and Description

62075	65.4	0	None
1679	1.8	1	Alcohol
65	0.1	2	Drugs

## Variable 104:VIOLATIONS CHARGED (Continued)

22Jun00	Prcnt	Code	Value and Description
1101	1.2	3	Speeding
470	0.5	4	Reckless driving
764	0.8	5	Driving with a suspended or revoked license
4211	4.4	6	Failure to yield right-of-way
1531	1.6	7	Running a traffic signal or stop sign
2735	2.9	50	Hit & run (and no information)
3463	3.7	96	Not reported
4284	4.5	97	Violation charged - no details
12103	12.8	98	Other violation
365	0.4	99	Unknown if charged

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

## Driver's vision obscured by

22Jun00	Prcnt	Code	Value and Description
86741	91.5	0	No obstruction
519	0.5	1	Rain, snow, fog, smoke, sand, dust
552	0.6	2	Reflected glare, bright sunlight, headlights
107	0.1	3	Curve or hill
8	0.0	4	Building, billboard, or other design features (includes signs, embankment)
129	0.1	5	Trees, crops, vegetation
0	0.0	6	Moving vehicle (including load)
37	0.0	7	Parked vehicle
34	0.0	8	Splash or spray of passing vehicle
30	0.0	9	Inadequate defrost or defog system
11	0.0	10	Inadequate lighting system
35	0.0	11	Obstruction interior to vehicle
6	0.0	12	Mirrors
2	0.0	13	Head restraints
15	0.0	14	Broken or improperly cleaned windshield
79	0.1	15	Fog
2902	3.1	50	Hit-and-run vehicle (and no information)
123	0.1	97	Vision obscured - no details
229	0.2	98	Other obstruction
3287	3.5	99	Unknown whether vision was obscured

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

## Driver maneuvered to avoid

22Jun00	Prcnt	Code	Value and Description
29501	31.1	0	Driver did not maneuver to avoid

Variable 106:DRIVER MANEUVER TO AVOID (Continued)

22Jun00	Prcnt	Code	Value and Description
197	0.2	1	Object in road
131	0.1	2	Poor road conditions (puddle, ice, pothole, etc.)
647	0.7	3	Animal in road
8534	9.0	4	Vehicle in road
388	0.4	5	Pedestrian, pedalcyclist, or other nonmotorist in road
3740	3.9	50	Hit & run (and no information)
30077	31.7	96	Not reported
169	0.2	97	Avoidance maneuver - no details
21462	22.6	99	Unknown if driver maneuvered to avoid

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

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22Jun00	Prcnt	Code	Value and Description
36341	38.3	0	Not distracted
2416	2.5	1	Looked but did not see
197	0.2	3	By other occupant(s)
40	0.0	4	By moving object in vehicle
69	0.1	5	While talking/listening cell phone
18	0.0	6	While dialing cell phone
7	0.0	7	While adjusting climate controls
137	0.1	8	While adjusting radio, cassette, CD
79	0.1	9	While using other device/controls integral to vehicle
277	0.3	10	While using/reaching for other devices
871	0.9	11	Sleepy or fell asleep
517	0.5	12	Distracted by outside person or object
35	0.0	13	Eating or drinking
51	0.1	14	Smoking related
0	0.0	95	No driver present
40987	43.2	96	Not reported
8541	9.0	97	Inattentive or lost in thought
1191	1.3	98	Other, distraction/inattention
3072	3.2	99	Unknown if distracted

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

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22Jun00	Prcnt	Code	Value and Description
90413	95.3	0	No, did not leave scene
4405	4.6	1	Yes, driver or car and driver left scene
28	0.0	9	Unknown

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

22Jun00	Prcnt	Code	Value and Description
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61	0.1	1	American Motors
1781	1.9	2	Jeep (includes Kaiser-Jeep)
7	0.0	3	AM General
1221	1.3	6	Chrysler
5444	5.7	7	Dodge
0	0.0	8	Imperial
1956	2.1	9	Plymouth
222	0.2	10	Eagle
17340	18.3	12	Ford
937	1.0	13	Lincoln
2381	2.5	14	Mercury
2792	2.9	18	Buick
1216	1.3	19	Cadillac
14607	15.4	20	Chevrolet
2908	3.1	21	Oldsmobile
3560	3.8	22	Pontiac
2579	2.7	23	GMC
981	1.0	24	Saturn
20	0.0	25	Grumman
50	0.1	29	Other domestic
718	0.8	30	Volkswagen
7	0.0	31	Alfa Romeo
132	0.1	32	Audi
0	0.0	33	Austin/Austin Healey
477	0.5	34	BMW
4187	4.4	35	Nissan/Datsun
1	0.0	36	Fiat
5121	5.4	37	Honda
670	0.7	38	Isuzu
68	0.1	39	Jaguar
0	0.0	40	Lancia
1828	1.9	41	Mazda
446	0.5	42	Mercedes Benz
7	0.0	43	MG
12	0.0	44	Peugeot
34	0.0	45	Porsche
4	0.0	46	Renault
143	0.2	47	Saab
536	0.6	48	Subaru
5865	6.2	49	Toyota
10	0.0	50	Triumph
948	1.0	51	Volvo
1131	1.2	52	Mitsubishi
258	0.3	53	Suzuki
627	0.7	54	Acura
572	0.6	55	Hyundai
9	0.0	56	Merkur
2	0.0	57	Yugo
183	0.2	58	Infiniti
306	0.3	59	Lexus
13	0.0	60	Daihatsu



Variable 109:MAKE (Continued)

22Jun00	Prcnt	Code	Value and Description
10	0.0	61	Sterling
55	0.1	62	Land Rover
181	0.2	63	KIA
8	0.0	64	Daewoo
9	0.0	69	Other foreign
0	0.0	70	BSA
12	0.0	71	Ducati
251	0.3	72	Harley-Davidson
171	0.2	73	Kawasaki
0	0.0	74	Moto-Guzzi
1	0.0	75	Norton
153	0.2	76	Yamaha
12	0.0	78	Moped (other than listed manufacturers)
11	0.0	79	Other motorcycle
1	0.0	80	Brockway
4	0.0	81	Diamond Reo, Reo
2252	2.4	82	Freightliner, White
2	0.0	83	FWD
2099	2.2	84	International Harvester/Navistar
912	1.0	85	Kenworth
845	0.9	86	Mack
848	0.9	87	Peterbilt
6	0.0	88	Iveco/Magirus
453	0.5	98	Other (truck or bus)
2172	2.3	99	Unknown make

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

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22Jun00	Prcnt	Code	Value and Description
American Motors			
1	0.0	1001	Rambler/American
0	0.0	1002	Rebel/Matador
3	0.0	1003	Ambassador
0	0.0	1004	Pacer
0	0.0	1005	AMX
2	0.0	1006	Javelin
3	0.0	1007	Hornet/Concord
2	0.0	1008	Spirit/Gremlin
9	0.0	1009	Eagle
0	0.0	1010	Eagle SX-4
24	0.0	1398	Other (automobile)
10	0.0	1399	Unknown (automobile)
0	0.0	1998	Other (vehicle)
7	0.0	1999	Unknown (vehicle)
Jeep			
4	0.0	2401	CJ-2/CJ-3/CJ-4
41	0.0	2402	CJ-5/CJ-6/CJ-7/CJ-8

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
130	0.1	2403	YJ Series (Wrangler)
989	1.0	2404	Cherokee (84 on)
202	0.2	2421	Cherokee (thru 83)
34	0.0	2431	Grand Wagoneer
5	0.0	2481	Pickup
21	0.0	2482	Comanche
79	0.1	2498	Other Light Truck
195	0.2	2499	Unk Light Truck
81	0.1	2999	Unknown vehicle
AM General			
1	0.0	3401	Dispatcher (Post Office Jeep)
0	0.0	3421	Hummer
0	0.0	3466	Dispatcher DJ
1	0.0	3498	Other Light Truck
1	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
0	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			
3	0.0	6009	Cordoba
18	0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
260	0.3	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
11	0.0	6015	Laser
237	0.2	6016	Lebaron
7	0.0	6017	Lebaron GTS/GTC
0	0.0	6031	TC Maserati Sport
3	0.0	6035	Conquest
121	0.1	6041	Concorde
46	0.0	6042	LHS
137	0.1	6043	Sebring
62	0.1	6044	Cirrus
22	0.0	6051	300M
6	0.0	6398	Other Auto
155	0.2	6399	Unk Auto
107	0.1	6441	Town & Country (Minivan)
1	0.0	6498	Other Light Truck
13	0.0	6499	Unk Light Truck
12	0.0	6999	Unknown vehicle
Dodge			
9	0.0	7001	Dart
5	0.0	7002	Coronet/Magnum/Charger (thru 78)
0	0.0	7003	Polara/Monaco/Royal Monaco
7	0.0	7004	Viper
0	0.0	7005	Challenger

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
6	0.0	7006	Aspen
23	0.0	7007	Diplomat
47	0.0	7008	Omni/Charger(83 on)
1	0.0	7009	Mirada
0	0.0	7010	St Regis
78	0.1	7011	Aries (K)
2	0.0	7012	400
0	0.0	7013	Rampage (car-based pickup)
26	0.0	7014	600
67	0.1	7015	Daytona
15	0.0	7016	Lancer
208	0.2	7017	Shadow
145	0.2	7018	Dynasty
133	0.1	7019	Spirit
399	0.4	7020	Neon
0	0.0	7033	Challenger (import)
53	0.1	7034	Colt (excludes Vista)
3	0.0	7035	Conquest
21	0.0	7039	Stealth
6	0.0	7040	Monaco
303	0.3	7041	Intrepid
70	0.1	7042	Avenger
184	0.2	7043	Stratus
10	0.0	7398	Other Auto
382	0.4	7399	Unk Auto
4	0.0	7401	Raider
130	0.1	7402	Durango
40	0.0	7421	Ramchager
4	0.0	7441	Vista
888	0.9	7442	Caravan
232	0.2	7461	B-series Van
58	0.1	7470	Van Derivative
22	0.0	7471	D50,Colt Pickup,Ram 50/100
422	0.4	7472	Dakota
188	0.2	7481	D,W-series Pickup
773	0.8	7482	Ram 1500/2500/3500 P/U
46	0.0	7498	Other lt Truck
364	0.4	7499	Unk lt Truck
1	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
13	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
2	0.0	7898	Other med/hvy truck
9	0.0	7899	Unk med/hvy truck
1	0.0	7981	Medium Bus (not van-based)
1	0.0	7988	Other Bus
0	0.0	7989	Unknown Bus
0	0.0	7998	Other Veh
43	0.0	7999	Unknown veh

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
			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
15	0.0	9001	Valiant/Scamp/Duster(thru 76)
1	0.0	9002	Satellite/Belvedere
6	0.0	9003	Fury
10	0.0	9004	Gran Fury
2	0.0	9005	Barracuda
6	0.0	9006	Volare
13	0.0	9007	Caravelle
66	0.1	9008	Horizon
80	0.1	9011	Reliant (K)
0	0.0	9013	Scamp-auto-based pickup
196	0.2	9017	Sundance
158	0.2	9019	Acclaim
257	0.3	9020	Neon
0	0.0	9031	Cricket
1	0.0	9032	Arrow
0	0.0	9033	Sapporo import
31	0.0	9034	Champ/Colt (excludes Vista)
2	0.0	9035	Conquest
55	0.1	9037	Laser
95	0.1	9038	Breeze
0	0.0	9039	Prowler
8	0.0	9398	Other Auto
248	0.3	9399	Unk Auto
1	0.0	9421	Trailduster
8	0.0	9441	Vista
584	0.6	9442	Voyager (minivan)
0	0.0	9461	B-series Van (fullsize)
1	0.0	9471	Arrow Pickup (foreign)
9	0.0	9498	Other lt truck
92	0.1	9499	Unk lt truck
11	0.0	9999	Unknown vehicle
			Eagle
33	0.0	10034	Summit
106	0.1	10037	Talon
26	0.0	10040	Premier
34	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Auto
20	0.0	10399	Unk Auto
0	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
1	0.0	10499	Unk lt truck
2	0.0	10999	Unk vehicle

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
			Ford
2	0.0	12001	Falcon
4	0.0	12002	Fairlane
940	1.0	12003	Mustang/Mustang II
516	0.5	12004	Thunderbird
60	0.1	12005	Ltd II
79	0.1	12006	Ltd/Galaxy/Custom
3	0.0	12007	Ranchero
8	0.0	12008	Maverick
6	0.0	12009	Pinto
4	0.0	12010	Torino/Gran Torino/Elite
16	0.0	12011	Granada
30	0.0	12012	Fairmont
1528	1.6	12013	Escort/EXP
607	0.6	12015	Tempo
599	0.6	12016	Crown Victoria
1530	1.6	12017	Taurus
357	0.4	12018	Probe
1	0.0	12031	English Ford
5	0.0	12032	Fiesta
66	0.1	12033	Festiva
0	0.0	12034	Laser
284	0.3	12035	Contour
85	0.1	12036	Aspire
3	0.0	12037	Focus
11	0.0	12398	Other Auto
1070	1.1	12399	Unk Auto
1370	1.4	12401	Bronco II/Bronco(thru 77)/Explorer
80	0.1	12421	Bronco-fullsize (78 on)
206	0.2	12422	Expedition
484	0.5	12441	Aerostar
318	0.3	12442	Windstar
746	0.8	12461	E-series Van
62	0.1	12470	Van derivative
1426	1.5	12471	Ranger
2	0.0	12472	Courier
2714	2.9	12481	F-series Pickup
145	0.2	12498	Other lt truck
835	0.9	12499	Unk lt truck
0	0.0	12850	M/H truck-based motorhome
177	0.2	12881	Med/Hvy CBE
5	0.0	12882	Med/Hvy COE low entry
1	0.0	12883	Med/Hvy COE high entry
555	0.6	12884	Med/Hvy unk engine location
29	0.0	12890	Med/Hvy COE unk entry position
12	0.0	12898	Other Med/Hvy truck
189	0.2	12899	Unk Med/Hvy truck
7	0.0	12981	Medium Bus
33	0.0	12988	Other Bus
15	0.0	12989	Unknown bus type
8	0.0	12998	Other Vehicle
107	0.1	12999	Unknown vehicle

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
			Lincoln
445	0.5	13001	Town Car/Continental
82	0.1	13002	Mark I - VIII
138	0.1	13005	Continental (82 on)
4	0.0	13011	Versailles
2	0.0	13012	LS
3	0.0	13398	Other Auto
208	0.2	13399	Unk Auto
29	0.0	13421	Navigator
1	0.0	13498	Other light truck
1	0.0	13499	Unk light truck
24	0.0	13999	Unk vehicle
			Mercury
0	0.0	14002	Cyclone
19	0.0	14003	Capri-domestic
117	0.1	14004	Cougar/XR7
456	0.5	14006	Marquis/Monterey
3	0.0	14008	Comet
2	0.0	14009	Bobcat
6	0.0	14010	Montego
4	0.0	14011	Monarch
10	0.0	14012	Zephyr
12	0.0	14013	Lynx/LN7 (82-83)
184	0.2	14015	Topaz
402	0.4	14017	Sable
12	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
217	0.2	14036	Tracer
93	0.1	14037	Mystique
295	0.3	14038	Cougar (99-on)
6	0.0	14398	Other Auto
308	0.3	14399	Unknown Auto
62	0.1	14401	Mountaineer
135	0.1	14443	Villager
2	0.0	14498	Oth lt truck
26	0.0	14499	Unk lt truck
0	0.0	14998	Other vehicle
10	0.0	14999	Unknown vehicle
			Buick
26	0.0	18001	Special/Skylark
576	0.6	18002	Lesabre/Wildcat/Centurion
302	0.3	18003	Electra/Electra 225/Park Avenue (91 on)
63	0.1	18004	Roadmaster
96	0.1	18005	Riviera
528	0.6	18007	Century
4	0.0	18008	Apollo/Skylark (75)
359	0.4	18010	Regal
33	0.0	18012	Skyhawk
48	0.1	18015	Skylark (76-85)
193	0.2	18018	Somerset/Skylark(86 on)

Variable 110:MAKE/MODEL (Continued)

22Jun00 Prcnt Code Value and Description

112	0.1	18020	Regal FWD
5	0.0	18021	Reatta
0	0.0	18031	Opel Kadette
0	0.0	18032	Opel Manta
0	0.0	18033	Opel GT
1	0.0	18034	Opel Isuzu
16	0.0	18398	Other Auto
423	0.4	18399	Unk Auto
7	0.0	18999	Unk vehicle

Cadillac

643	0.7	19003	Deville/Fleetwood (except Limousine)
1	0.0	19004	Limousine
130	0.1	19005	Eldorado
0	0.0	19006	Commercial Series
4	0.0	19009	Allante'
158	0.2	19014	Seville
15	0.0	19016	Cimarron
17	0.0	19017	Catera (RWD)
25	0.0	19398	Other Auto
206	0.2	19399	Unk Auto
8	0.0	19421	Escalade
9	0.0	19999	Unk vehicle

Chevrolet

89	0.1	20001	Malibu/Chevelle
650	0.7	20002	Caprice/Impala
80	0.1	20004	Corvette
7	0.0	20006	Corvair
36	0.0	20007	El Camino
51	0.1	20008	Nova (-79)
629	0.7	20009	Camaro
80	0.1	20010	Monte Carlo
3	0.0	20011	Vega
1	0.0	20012	Monza
37	0.0	20013	Chevette
32	0.0	20015	Citation
1451	1.5	20016	Cavalier
370	0.4	20017	Celebrity
846	0.9	20019	Baretta/Corsica
639	0.7	20020	Lumina
42	0.0	20031	Spectrum
475	0.5	20032	Nova/Geo Prizm
19	0.0	20033	Sprint/Geo Sprint
296	0.3	20034	Geo Metro
120	0.1	20035	Geo Storm
209	0.2	20036	Monte Carlo (FWD only)
170	0.2	20037	Malibu
55	0.1	20398	Other Auto
1004	1.1	20399	Unk Auto
695	0.7	20401	S-10 Blazer
123	0.1	20402	Geo Tracker

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
282	0.3	20421	Blazer-fullsize
389	0.4	20431	Suburban
479	0.5	20441	Astro Van
129	0.1	20442	Lumina APV
348	0.4	20461	G-series Van
18	0.0	20466	P-series Van
64	0.1	20470	Van Derivative
1060	1.1	20471	S-10,T-10
4	0.0	20472	LUV imported PU
2429	2.6	20481	C,K,R,V-series Pickup
122	0.1	20498	Other lt truck
722	0.8	20499	Unk lt truck
0	0.0	20850	M/H truck-based motorhome
22	0.0	20881	Med/Hvy CBE
0	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
48	0.1	20884	Med/Hvy Unk engine location
83	0.1	20890	Med/Hvy COE Unk entry position
3	0.0	20898	Other med/hvy trk
73	0.1	20899	Unk med/hvy trk
6	0.0	20981	Bus S-60 series
9	0.0	20988	Other Bus
0	0.0	20989	Unknown bus type
2	0.0	20998	Other Vehicle
106	0.1	20999	Unknown vehicle
Oldsmobile			
178	0.2	21001	Cutlass (RWD only)
479	0.5	21002	Delta 88
186	0.2	21003	Ninety-Eight
50	0.1	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
15	0.0	21015	Omega
15	0.0	21016	Firenza
238	0.3	21017	Ciera
83	0.1	21018	Calais
813	0.9	21020	Cutlass (FWD)
128	0.1	21021	Achieva
68	0.1	21022	Aurora
40	0.0	21023	Intrigue
34	0.0	21024	Alero
67	0.1	21398	Other Auto
384	0.4	21399	Unknown Auto
48	0.1	21401	Bravada
47	0.0	21441	Silhouette
3	0.0	21498	Other lt trk
6	0.0	21499	Unk lt trk
1	0.0	21998	Other vehicle
25	0.0	21999	Unknown vehicle



Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
			Pontiac
4	0.0	22001	Lemans/Tempest (thru 79)
395	0.4	22002	Bonneville/Catalina/Parisienne
36	0.0	22005	Fiero
3	0.0	22008	Ventura
291	0.3	22009	Firebird/Trans AM
34	0.0	22010	Grand Prix RWD
0	0.0	22011	Astre
23	0.0	22012	Sunbird (thru 80)
2	0.0	22013	T-1000/1000
8	0.0	22015	Phoenix
461	0.5	22016	J2000/2000/Sunbird(84 on)
155	0.2	22017	6000
1057	1.1	22018	Grand AM
505	0.5	22020	Grand Prix FWD
39	0.0	22031	Lemans (88 on)
18	0.0	22398	Other Auto
420	0.4	22399	Unk Auto
71	0.1	22441	Trans Sport
13	0.0	22498	Other lt trk
15	0.0	22499	Unk lt trk
10	0.0	22999	Unknown vehicle
			GMC
2	0.0	23007	Caballero/Sprint
3	0.0	23398	Other Auto
33	0.0	23399	Unk Auto
276	0.3	23401	Jimmy/Typhoon S-15 based
92	0.1	23421	Jimmy fullsize/Yukon
148	0.2	23431	Suburban
143	0.2	23441	Safari (Minivan)
105	0.1	23461	G-series Van
5	0.0	23466	P-series Van
21	0.0	23470	Van Derivative
248	0.3	23471	S15/T15/Somona
730	0.8	23481	C,K,R,V-series Pickup
56	0.1	23498	Other lt truck
202	0.2	23499	Unk lt truck
84	0.1	23881	Med/Hvy CBE
2	0.0	23882	Med/Hvy COE low entry
0	0.0	23883	Med/Hvy COE high entry
282	0.3	23884	Med/Hvy Unk engine location
25	0.0	23890	Med/Hvy COE Unk entry postion
1	0.0	23898	Other med/hvy trk
65	0.1	23899	Unk med/hvy trk
4	0.0	23981	Bus B6000
9	0.0	23988	Other Bus
11	0.0	23989	Unknown bus type
32	0.0	23999	Unknown vehicle
			Saturn
522	0.6	24001	SL

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
182	0.2	24002	SC
34	0.0	24003	SW
1	0.0	24004	EV1
5	0.0	24398	Other Auto
230	0.2	24399	Unk Auto
7	0.0	24999	Unk vehicle
			Grumman
9	0.0	25441	LLV
0	0.0	25442	Step-in van
2	0.0	25498	Other lt truck
3	0.0	25499	Unk lt truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry
0	0.0	25883	Med/Hvy COE high entry
3	0.0	25884	Med/Hvy Unk engine location
1	0.0	25890	Med/Hvy COE Unk entry postion
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk
0	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other Bus
2	0.0	25989	Unknown bus type
0	0.0	25999	Unk vehicle
			Other Domestic
0	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
2	0.0	29398	Other make
1	0.0	29399	Unknown make
4	0.0	29498	Other lt truck
15	0.0	29898	Other med/hvy trk
8	0.0	29988	Other Bus
20	0.0	29998	Other vehicle
			Volkswagen
3	0.0	30031	Karmann Ghia
38	0.0	30032	Beetle 1300/1500
3	0.0	30033	Super Beetle
0	0.0	30034	411/412
1	0.0	30035	Squareback/Fastback
19	0.0	30036	Rabbit
1	0.0	30037	Dasher
8	0.0	30038	Scirocco
183	0.2	30040	Jetta
7	0.0	30041	Quantum
72	0.1	30042	Golf
1	0.0	30043	Rabbit Pickup
32	0.0	30044	Fox
3	0.0	30045	Corrado
42	0.0	30046	Passat
64	0.1	30047	Jetta III
22	0.0	30048	Golf III

Variable 110:MAKE/MODEL (Continued)

22Jun00 Prcnt Code Value and Description

14	0.0	30049	New Beetle
17	0.0	30398	Other Auto
148	0.2	30399	Unk Auto
1	0.0	30401	The Thing (181)
8	0.0	30441	Vanagon/Camper
6	0.0	30442	Eurovan
4	0.0	30498	Other lt truck
8	0.0	30499	Unk lt truck
1	0.0	30998	Other vehicle
12	0.0	30999	Unk vehicle

Alfa Romeo

2	0.0	31031	Spider
1	0.0	31032	Sports Sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
2	0.0	31035	164
1	0.0	31398	Other Auto
1	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle

Audi

1	0.0	32031	Super 90
18	0.0	32032	100/A6
0	0.0	32033	Fox
16	0.0	32034	4000
21	0.0	32035	5000
13	0.0	32036	80/90
3	0.0	32037	200
4	0.0	32038	V-8 Quattro
1	0.0	32039	Coupe Quattro
1	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
16	0.0	32042	A4
0	0.0	32043	A3
5	0.0	32044	A8
1	0.0	32045	TT
1	0.0	32398	Other Auto
31	0.0	32399	Unk Auto
0	0.0	32999	Unk vehicle

Austin/Austin Healey

0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
			BMW
9	0.0	34031	1600,200Z
0	0.0	34032	Coupe
0	0.0	34033	Bavarian Sedan
201	0.2	34034	3-series
86	0.1	34035	5-series
1	0.0	34036	6-series
38	0.0	34037	7-series
7	0.0	34038	8-series
8	0.0	34039	Z3
12	0.0	34398	Other Auto
89	0.1	34399	Unk Auto
0	0.0	34701	0-50cc
0	0.0	34702	51-124cc
0	0.0	34704	350-449cc
1	0.0	34705	450-749cc
6	0.0	34706	750cc & over
9	0.0	34709	Unk cc
4	0.0	34799	Unk motorcycle
6	0.0	34999	Unk vehicle
			Nissan/Datsun
1	0.0	35031	F-10
230	0.2	35032	200SX/240SX
12	0.0	35033	B210/210/1200
99	0.1	35034	Z-car, ZX
6	0.0	35035	310
6	0.0	35036	510
0	0.0	35037	610
1	0.0	35038	710
628	0.7	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
148	0.2	35042	Stanza
858	0.9	35043	Sentra
42	0.0	35044	Pulsar
0	0.0	35045	Micra
10	0.0	35046	NX 1600/2000
517	0.5	35047	Altima
19	0.0	35398	Other Auto
467	0.5	35399	Unk Auto
244	0.3	35401	Pathfinder
0	0.0	35441	Van
7	0.0	35442	Axxess
91	0.1	35443	Quest
605	0.6	35471	Pickup
0	0.0	35472	Frontier
36	0.0	35498	Other lt truck
110	0.1	35499	Unk lt truck
9	0.0	35883	Med/Hvy COE high entry
5	0.0	35898	Other med/hvy truck
11	0.0	35899	Unk med/hvy truck

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	35998	Oth vehicle
25	0.0	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
1	0.0	36398	Other auto
0	0.0	36399	Unk auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry
0	0.0	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
1524	1.6	37031	Civic/CRX, del Sol
2226	2.3	37032	Accord
221	0.2	37033	Prelude
0	0.0	37034	600
4	0.0	37398	Other Auto
604	0.6	37399	Unk Auto
63	0.1	37401	Passport
80	0.1	37402	CR-V
42	0.0	37441	Odyssey
0	0.0	37498	Other light trk
9	0.0	37499	Unk light trk
3	0.0	37701	0-50cc
9	0.0	37702	51-124cc
21	0.0	37703	125-349cc
5	0.0	37704	350-449cc
65	0.1	37705	450-749cc
79	0.1	37706	750cc & over
126	0.1	37709	Unk cc
0	0.0	37731	ATC/ATV 0-50cc
2	0.0	37732	ATC/ATV 51-124cc
9	0.0	37733	ATC/ATV 125-349cc
1	0.0	37734	ATC/ATV 350cc & over
6	0.0	37739	ATC/ATV Unk cc
0	0.0	37799	Unk motored cycle
22	0.0	37999	Unk vehicle
			Isuzu
21	0.0	38031	I-Mark
10	0.0	38032	Impulse
7	0.0	38033	Stylus
0	0.0	38398	Other Auto

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
24	0.0	38399	Unk Auto
108	0.1	38401	Trooper/Trooper II
184	0.2	38402	Rodeo
22	0.0	38403	Amigo
5	0.0	38441	Oasis
64	0.1	38471	P'up Pickup
0	0.0	38472	Hombre
23	0.0	38498	Other lt truck
51	0.1	38499	Unk lt truck
0	0.0	38881	Med/Hvy CBE
10	0.0	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
68	0.1	38884	Med/Hvy unk engine location
28	0.0	38890	Med/Hvy COE unk entry position
4	0.0	38898	Other med/hvy trk
25	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
1	0.0	38988	Other Bus
0	0.0	38998	Other veh
15	0.0	38999	Unk vehicle
Jaguar			
8	0.0	39031	XJ-S Coupe
40	0.0	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
0	0.0	39034	X100
1	0.0	39398	Other Auto
19	0.0	39399	Unk Auto
0	0.0	39999	Unk vehicle
Lancia			
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Beta Coupe/Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other Auto
0	0.0	40399	Unk Auto
0	0.0	40999	Unk vehicle
Mazda			
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
56	0.1	41034	RX7
400	0.4	41035	GLC/323/Protege
0	0.0	41036	Cosmo
441	0.5	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
2	0.0	41042	1800
47	0.0	41043	929
105	0.1	41044	MX-6
62	0.1	41045	Miata
43	0.0	41046	MX-3
43	0.0	41047	Millenia
10	0.0	41398	Other auto
199	0.2	41399	Unk auto
14	0.0	41401	Navajo
69	0.1	41441	MPV
267	0.3	41471	Mazda Pickup
21	0.0	41498	Other lt truck
40	0.0	41499	Unk lt truck
9	0.0	41999	Unk vehicle
Mercedes Benz			
1	0.0	42000	
72	0.1	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
2	0.0	42032	230/280 SL 2-pass
18	0.0	42033	300/350/380/450/500/560 SL 2-pass
10	0.0	42034	350/380/420/450/560 SLC
7	0.0	42035	280/300 SEL
17	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
2	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
37	0.0	42039	190
74	0.1	42040	300
11	0.0	42041	400/500 E
22	0.0	42042	C class (94-on)
11	0.0	42043	S class (94-on)
6	0.0	42044	SL class (94-on)
7	0.0	42045	SLK
1	0.0	42046	CL class
3	0.0	42047	CLK
20	0.0	42048	E class (96-on)
8	0.0	42398	Other auto
72	0.1	42399	Unk auto
14	0.0	42401	M class
5	0.0	42470	Van derivative
4	0.0	42498	Other lt truck
4	0.0	42499	Unk lt truck
1	0.0	42881	Med/Hvy CBE
2	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry
8	0.0	42884	Med/Hvy unk engine location
1	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Oth med/hvy trk
0	0.0	42899	Unk med/hvy trk
0	0.0	42981	Medium Bus
0	0.0	42988	Other Bus
1	0.0	42989	Unk Bus type
5	0.0	42999	Unk vehicle

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
			MG
2	0.0	43031	Midget
1	0.0	43032	MGB (76-79)
0	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other auto
4	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
7	0.0	44034	504/505
0	0.0	44035	604
2	0.0	44036	405
0	0.0	44398	Other auto
3	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
9	0.0	45031	911
0	0.0	45032	912
0	0.0	45033	914
1	0.0	45034	924
2	0.0	45035	928
0	0.0	45036	930
9	0.0	45037	944
0	0.0	45038	959
2	0.0	45039	968
2	0.0	45040	986
2	0.0	45398	Oth auto
7	0.0	45399	Unk auto
0	0.0	45999	Unk vehicle
			Renault
0	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle
0	0.0	46033	12
0	0.0	46034	15
0	0.0	46035	16
0	0.0	46036	17
0	0.0	46037	R18i
0	0.0	46038	Fuego
4	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine



Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	46044	Medallion
0	0.0	46045	Premier
0	0.0	46398	Other auto
0	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle
Saab			
38	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96/97
32	0.0	47034	9000
9	0.0	47035	9-3
4	0.0	47036	9-5
5	0.0	47398	Other auto
54	0.1	47399	Unk auto
1	0.0	47999	Unk vehicle
Subaru			
99	0.1	48031	DL/FE/G/GF/GL/GLF/STD/Loyale (90 on)
0	0.0	48032	Star
1	0.0	48033	360
190	0.2	48034	Legacy
7	0.0	48035	XT/XT6
8	0.0	48036	Justy
0	0.0	48037	SVX
38	0.0	48038	Impreza
33	0.0	48043	Brat
11	0.0	48398	Other auto
118	0.1	48399	Unk auto
13	0.0	48401	Forester
18	0.0	48999	Unk vehicle
Toyota			
5	0.0	49031	Corona
1281	1.4	49032	Corolla
296	0.3	49033	Celica
41	0.0	49034	Supra
58	0.1	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
381	0.4	49038	Tercel
1	0.0	49039	Starlet
1394	1.5	49040	Camry
34	0.0	49041	MR-2
68	0.1	49042	Paseo
85	0.1	49043	Avalon
7	0.0	49044	Solara
4	0.0	49398	Other auto
617	0.7	49399	Unk auto
336	0.4	49401	4-Runner
70	0.1	49402	RAV-4
37	0.0	49421	Landcruiser

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
72	0.1	49441	Minivan (84-90)/Previa (91 on)
36	0.0	49442	Sienna
584	0.6	49471	Pickup
220	0.2	49472	Takoma
38	0.0	49481	T-100
22	0.0	49498	Other lt truck
143	0.2	49499	Unk lt truck
35	0.0	49999	Unk vehicle
Triumph			
1	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
1	0.0	50034	TR6
1	0.0	50035	TR7/TR8
0	0.0	50036	Herald
0	0.0	50037	Stag
0	0.0	50398	Other auto
2	0.0	50399	Unk auto
0	0.0	50701	0-50cc
0	0.0	50702	51-124 cc
0	0.0	50703	125-349 cc
0	0.0	50704	350-449 cc
1	0.0	50705	450-749 cc
2	0.0	50706	750cc & over
1	0.0	50709	Unk cc
1	0.0	50799	Unk motored cycle
0	0.0	50999	Unk vehicle
Volvo			
2	0.0	51031	122
1	0.0	51032	142/144/145
1	0.0	51033	164
131	0.1	51034	240/242/244/245
4	0.0	51035	262/264/265
0	0.0	51036	1800
21	0.0	51038	760/780
75	0.1	51039	740
32	0.0	51040	940
12	0.0	51041	960
53	0.1	51042	850
38	0.0	51043	70 series
5	0.0	51044	90 series
28	0.0	51398	Other auto
123	0.1	51399	Unk auto
70	0.1	51881	Med/Hvy CBE
3	0.0	51882	Med/Hvy COE low entry
2	0.0	51883	Med/Hvy COE high entry
276	0.3	51884	Med/Hvy unk engine location
19	0.0	51890	Med/Hvy unk entry position
2	0.0	51898	Other med/hvy trk
41	0.0	51899	Unk med/hvy trk

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
9	0.0	51999	Unk vehicle
			Mitsubishi
0	0.0	52031	Starion
2	0.0	52032	Tredia
5	0.0	52033	Cordia
218	0.2	52034	Galant
205	0.2	52035	Mirage
7	0.0	52036	Precis
293	0.3	52037	Eclipse
2	0.0	52038	Sigma
25	0.0	52039	3000 GT
43	0.0	52040	Diamante
5	0.0	52398	Other auto
133	0.1	52399	Unk auto
69	0.1	52401	Montero
0	0.0	52441	Minivan
12	0.0	52442	Expo Wagon
36	0.0	52471	Pickup
2	0.0	52498	Other lt truck
12	0.0	52499	Unk lt truck
24	0.0	52882	Med/Hvy COE low entry
7	0.0	52898	Other med/hvy truck
22	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
9	0.0	52999	Unk vehicle
			Suzuki
0	0.0	53031	SA310
12	0.0	53034	Swift
14	0.0	53035	Esteem
1	0.0	53398	Other auto
13	0.0	53399	Unk auto
23	0.0	53401	Samarai
42	0.0	53402	Sidekick
2	0.0	53403	X-90
1	0.0	53498	Other lt truck
6	0.0	53499	Unk lt truck
0	0.0	53701	0-50cc
3	0.0	53702	51-124cc
2	0.0	53703	125-349cc
2	0.0	53704	350-449cc
36	0.0	53705	450-749cc
28	0.0	53706	750cc & over
46	0.0	53709	Unk cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	53733	ATC/ATV 125-349cc
0	0.0	53734	ATC/ATV 350cc & over
2	0.0	53739	ATC/ATV unk cc
24	0.0	53799	Unk motored cycle
1	0.0	53999	Unk vehicle
Acura			
280	0.3	54031	Integra
170	0.2	54032	Legend
1	0.0	54033	NSX
12	0.0	54034	Vigor/TL
54	0.1	54035	CL
14	0.0	54398	Other auto
92	0.1	54399	Unk auto
1	0.0	54401	SLX
1	0.0	54498	Oth light truck
0	0.0	54499	Unk light truck
0	0.0	54998	Other vehicle
2	0.0	54999	Unk vehicle
Hyundai			
0	0.0	55031	Pony
114	0.1	55032	Excel
75	0.1	55033	Sonata
31	0.0	55034	Scoupe
151	0.2	55035	Elantra
88	0.1	55036	Accent
9	0.0	55037	Tiburon
0	0.0	55398	Other auto
103	0.1	55399	Unk auto
1	0.0	55999	Unk vehicle
Merkur			
3	0.0	56031	XR4Ti
5	0.0	56032	Scorpio
0	0.0	56398	Other auto
1	0.0	56399	Unk auto
0	0.0	56999	Unk vehicle
Yugo			
1	0.0	57031	GV
0	0.0	57398	Other auto
0	0.0	57399	Unk auto
1	0.0	57999	Unk vehicle
Infiniti			
8	0.0	58031	M30
27	0.0	58032	Q45
34	0.0	58033	G20
32	0.0	58034	J30
35	0.0	58035	I30
0	0.0	58398	Other auto

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
32	0.0	58399	Unk auto
14	0.0	58401	T30
0	0.0	58498	Other truck
0	0.0	58499	Unk light truck
1	0.0	58999	Unk vehicle
Lexus			
110	0.1	59031	ES-250/ES-300
60	0.1	59032	LS-400
23	0.0	59033	SC-400/SC-300
22	0.0	59034	GS-300/400
2	0.0	59398	Other auto
57	0.1	59399	Unk auto
18	0.0	59401	RX300
4	0.0	59421	LX-450 / LX-470
0	0.0	59498	Other light truck
7	0.0	59499	Unk light truck
3	0.0	59999	Unk vehicle
Daihatsu			
9	0.0	60031	Charade
0	0.0	60398	Other auto
3	0.0	60399	Unk auto
1	0.0	60401	Rocky
0	0.0	60498	Other lt trk
0	0.0	60499	Unk lt trk
0	0.0	60999	Unk vehicle
Sterling			
4	0.0	61031	827S
1	0.0	61398	Other auto
2	0.0	61399	Unk auto
3	0.0	61999	Unk vehicle
Land Rover			
26	0.0	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
8	0.0	62421	County LWB (RR) / Country Classic (RR)
4	0.0	62422	4.0 SE (RR)
7	0.0	62498	Other light truck
9	0.0	62499	Unk light truck
1	0.0	62999	Unk vehicle
KIA			
123	0.1	63031	Sephia
0	0.0	63398	Other auto
16	0.0	63399	Unk auto
38	0.0	63401	Sportage
0	0.0	63498	Other light truck
4	0.0	63499	Unk light truck
0	0.0	63999	Unk vehicle

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
		DAEWOO	
1	0.0	64031	Lanos
2	0.0	64032	Nubira
5	0.0	64033	Leganza
		Other Imports	
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	Delorean
3	0.0	69035	Ferrari
1	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
2	0.0	69042	Rolls Royce/Bentley
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
0	0.0	69053	Lada
0	0.0	69398	Other make
0	0.0	69399	Unk make
1	0.0	69898	Other med/hvy trk
1	0.0	69988	Other bus
		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
8	0.0	71709	Unk cc
1	0.0	71798	Oth motored cycle
1	0.0	71799	Unk motorcycle

Variable 110:MAKE/MODEL (Continued)

22Jun00 Prcnt Code Value and Description

		Harley-Davidson	
0	0.0	72702	51-124cc
1	0.0	72703	125-349cc
0	0.0	72704	350-449cc
1	0.0	72705	450-749cc
129	0.1	72706	750cc & over
93	0.1	72709	Unk cc
0	0.0	72798	Oth motored cycle
27	0.0	72799	Unk motorcycle
		Kawaski	
0	0.0	73701	0-50cc
4	0.0	73702	51-124cc
8	0.0	73703	125-349cc
0	0.0	73704	350-449cc
31	0.0	73705	450-749cc
39	0.0	73706	750cc & over
64	0.1	73709	Unk cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
2	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
3	0.0	73739	ATC/ATV unk cc
0	0.0	73798	Oth motored cycle
20	0.0	73799	Unk motorcycle
		Moto-Guzzi	
0	0.0	74701	0-50cc
0	0.0	74702	51-124cc
0	0.0	74703	125-349cc
0	0.0	74704	350-449cc
0	0.0	74705	450-749cc
0	0.0	74706	750cc & over
0	0.0	74709	Unk cc
0	0.0	74798	Oth motored cycle
0	0.0	74799	Unk motorcycle
		Norton	
0	0.0	75701	0-50cc
0	0.0	75702	51-124cc
0	0.0	75703	125-349cc
0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over
1	0.0	75709	Unk cc
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk motorcycle
		Yamaha	
2	0.0	76701	0-50cc
2	0.0	76702	51-124cc
3	0.0	76703	125-349cc

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
2	0.0	76704	350-449cc
35	0.0	76705	450-749cc
27	0.0	76706	750cc & over
52	0.1	76709	Unk cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
6	0.0	76733	ATC/ATV 125-349cc
4	0.0	76734	ATC/ATV 350cc & over
11	0.0	76739	ATC/ATV unk cc
3	0.0	76798	Oth motored cycle
6	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
0	0.0	78709	Unk cc
9	0.0	78798	Oth motored cycle
3	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
2	0.0	79706	750cc & over
9	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
0	0.0	79799	Unk motorcycle
			Brockway
0	0.0	80850	M/H truck-based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry
0	0.0	80883	Med/Hvy COE high entry
1	0.0	80884	Med/Hvy Unk engine location
0	0.0	80890	Med/Hvy COE Unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
0	0.0	80950	Bus-based Motorhome
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus type



Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	80999	Unknown vehicle
			Diamond Reo/Reo
0	0.0	81850	M/H truck-based motorhome
0	0.0	81881	Med/Hvy CBE
0	0.0	81882	Med/Hvy COE low entry
0	0.0	81883	Med/Hvy COE high entry
4	0.0	81884	Med/Hvy Unk engine location
0	0.0	81890	Med/Hvy COE Unk entry position
0	0.0	81898	Other med/hvy trk
0	0.0	81899	Unk med/hvy trk
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
1	0.0	82000	
2	0.0	82470	
1	0.0	82850	M/H truck-based motorhome
721	0.8	82881	Med/Hvy CBE
3	0.0	82882	Med/Hvy COE low entry
16	0.0	82883	Med/Hvy COE high entry
1354	1.4	82884	Med/Hvy Unk engine location
139	0.1	82890	Med/Hvy COE Unk entry position
9	0.0	82898	Other med/hvy trk
6	0.0	82899	Unk med/hvy trk
			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
0	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
3	0.0	84421	Scout
0	0.0	84431	Travelall
1	0.0	84466	Multistop Van
4	0.0	84481	Pickup
4	0.0	84498	Other lt trk
1	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck-based motorhome
344	0.4	84881	Med/Hvy CBE

## Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
4	0.0	84882	Med/Hvy COE low entry
7	0.0	84883	Med/Hvy COE high entry
1340	1.4	84884	Med/Hvy unk engine location
106	0.1	84890	Med/Hvy COE unk entry position
8	0.0	84898	Other med/hvy trk
148	0.2	84899	Unk med/hvy trk
0	0.0	84950	Bus-based Motorhome
34	0.0	84981	Conventional Bus
8	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
77	0.1	84988	Other bus
1	0.0	84989	Unknown bus type
6	0.0	84998	Other vehicle
3	0.0	84999	Unk vehicle
			Kenworth
1	0.0	85850	M/H truck-based motorhome
342	0.4	85881	Med/Hvy CBE
0	0.0	85882	Med/Hvy COE low entry
1	0.0	85883	Med/Hvy COE high entry
523	0.6	85884	Med/Hvy Unk engine location
42	0.0	85890	Med/Hvy COE Unk entry position
2	0.0	85898	Other med/hvy trk
1	0.0	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
88	0.1	86881	Med/Hvy CBE
3	0.0	86882	Med/Hvy COE low entry
1	0.0	86883	Med/Hvy COE high entry
732	0.8	86884	Med/Hvy Unk engine location
18	0.0	86890	Med/Hvy COE Unk entry position
3	0.0	86898	Other med/hvy trk
0	0.0	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
0	0.0	86998	Other vehicle
0	0.0	86999	Unknown
			Peterbilt
0	0.0	87850	M/H truck-based motorhome
308	0.3	87881	Med/Hvy CBE
0	0.0	87882	Med/Hvy COE low entry
4	0.0	87883	Med/Hvy COE high entry
484	0.5	87884	Med/Hvy Unk engine location
50	0.1	87890	Med/Hvy COE Unk entry position
2	0.0	87898	Other med/hvy trk

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	87899	Unk med/hvy trk
0	0.0	87950	Bus-based Motorhome
0	0.0	87988	Other bus
0	0.0	87989	Unknown bus type
0	0.0	87999	Unknown
			Iveco/Magirus
0	0.0	88850	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
4	0.0	88884	Med/Hvy Unk engine location
2	0.0	88890	Med/Hvy COE Unk entry position
0	0.0	88898	Other med/hvy trk
0	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
10	0.0	98398	Other Automobile
11	0.0	98498	Other Light Truck
12	0.0	98801	AUTOCAR
2	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
79	0.1	98804	WESTERN STAR
17	0.0	98805	OSHKOSH
27	0.0	98806	HINO
0	0.0	98807	SCANIA
22	0.0	98808	Sterling trucks
0	0.0	98850	M/H truck-based motorhome
121	0.1	98898	Other med/hvy trk
14	0.0	98902	NEOPLAN Bus
0	0.0	98950	Bus-based Motorhome
89	0.1	98988	Other bus
49	0.1	98998	Other vehicle
0	0.0	98999	Unk vehicle
			Unknown Make
6	0.0	99000	
554	0.6	99399	Unknown automobile
238	0.3	99499	Unknown light truck
0	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
0	0.0	99706	Motorcycle 750cc & over
0	0.0	99709	Unknown cc
0	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc

Variable 110:MAKE/MODEL (Continued)

22Jun00	Prcnt	Code	Value and Description
0	0.0	99733	ATC/ATV 125-349cc
0	0.0	99734	ATC/ATV 350-449cc
0	0.0	99739	ATC/ATV unk cc
0	0.0	99798	Other motored cycle
37	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
391	0.4	99899	Unk med/hvy trk
0	0.0	99950	Bus-based Motorhome
0	0.0	99981	Conventional bus
0	0.0	99982	Bus front engine
0	0.0	99983	Bus rear engine
40	0.0	99988	Other bus
58	0.1	99989	Unknown bus type
0	0.0	99998	Other vehicle
848	0.9	99999	Unk vehicle

---

Variable 111	MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

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22Jun00	Prcnt	Code	Value and Description
1	0.0	1933	1933
		-	
2569	2.7	1985	1985
3343	3.5	1986	1986
3681	3.9	1987	1987
4623	4.9	1988	1988
5060	5.3	1989	1989
5039	5.3	1990	1990
5101	5.4	1991	1991
5112	5.4	1992	1992
6204	6.5	1993	1993
6810	7.2	1994	1994
7915	8.3	1995	1995
6947	7.3	1996	1996
7467	7.9	1997	1997
7518	7.9	1998	1998
6535	6.9	1999	1999
608	0.6	2000	2000
2708	2.9	9999	Unknown

Variable 112	BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99
22Jun00 Prcnt	Code Value and Description		
	Automobiles		
596 0.6	1 Convertible (excludes sun roof, t-bar)		
11933 12.6	2 2-door sedan, hardtop, coupe		
2813 3.0	3 3-door/2-door hatchback		
30097 31.7	4 4-door sedan, hardtop		
598 0.6	5 5-door/4-door hatchback		
1951 2.1	6 Station wagon (excluding van and truck based)		
51 0.1	7 Hatchback, number of doors unknown		
38 0.0	8 Other automobile type		
5867 6.2	9 Unknown automobile type		
	Automobile Derivatives		
43 0.0	10 Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat)		
6 0.0	11 Auto-based panel (cargo station wagon, auto-based Ambulance/Hearse)		
5 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		
5111 5.4	14 Compact utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)		
809 0.9	15 Large utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)		
1084 1.1	16 Utility station wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)		
729 0.8	19 Utility vehicle, unknown body type		
	Van-Based Light Trucks (<4,501 kg GVWR)		
3804 4.0	20 Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)		
1407 1.5	21 Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)		
34 0.0	22 Step van or walk-in van (< 4,500 kg GVWR)		
22 0.0	23 Van-based motorhome		
5 0.0	24 Van-based school bus		
10 0.0	25 Van-based other bus		
35 0.0	28 Other van type (Hi-Cube, Kary)		
1085 1.1	29 Unknown van type		
	Lt Conventional Truck (P.U. style cab, <4,501 kg GVWR)		
4970 5.2	30 Compact pickup		
6874 7.2	31 Large pickup		
8 0.0	32 Pickup with slide-in camper		
1 0.0	33 Convertible pickup		
1287 1.4	39 Unknown (pickup style) light conventional truck		
	Other Light Trucks (<4,500 kg GVWR)		

## Variable 112:BODY TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
87	0.1	40	Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck)
12	0.0	41	Truck-based panel
10	0.0	42	Light truck-based motorhome (chassis mounted)
33	0.0	45	Other light truck type
484	0.5	48	Unknown light truck type (utility, van, pickup, or other light truck)
59	0.1	49	Unknown light vehicle type (automobile, utility, van, or light truck)
Buses (excludes van-based)			
197	0.2	50	School bus (designed to carry students, not cross country or transit)
196	0.2	58	Other bus (e.g., transit intercity bus-based motorhome)
38	0.0	59	Unknown bus type
Medium/Heavy Trucks (>4,500 kg GVWR)			
32	0.0	60	Step Van
2220	2.3	64	Single unit straight truck (GVWR unknown)
21	0.0	65	Medium/heavy truck-based motorhome
6002	6.3	66	Truck-tractor (cab only, or with any number of trailing units)
1434	1.5	78	Unknown medium/heavy truck type
131	0.1	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include ATVs/cycles)			
1040	1.1	80	Motorcycle
31	0.0	81	Moped (motorized bicycle)
1	0.0	82	Three wheeled motorcycle or moped
12	0.0	88	Other motored cycle type (minibike, motorscooter)
8	0.0	89	Unknown motored cycle type
Other Vehicles			
46	0.0	90	ATV (all terrain vehicle) and ATC (all terrain cycle)
6	0.0	91	Snowmobile
40	0.0	92	Farm equipment other than trucks
23	0.0	93	Construction equipment other than trucks (includes graders)
44	0.0	97	Other type vehicle (e.g., go-cart, fork lift, city street sweeper)
1366	1.4	99	Unknown body type

---

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

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22Jun00	Prcnt	Code	Value and Description
83230	87.8	0	Not applicable

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

Variable 113:CARGO BODY TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
427	0.5	1	Bus
2578	2.7	2	Van/enclosed box
316	0.3	3	Cargo tank
736	0.8	4	Flatbed
769	0.8	5	Dump
94	0.1	6	Concrete mixer
69	0.1	7	Auto transporter
191	0.2	8	Garbage/refuse
733	0.8	98	Other
5703	6.0	99	Unknown cargo body type

---

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

Number of axles on vehicle, including trailers

22Jun00	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
83230	87.8	0	Not applicable
0	0.0	1	1 axle
1106	1.2	2	2 axles
935	1.0	3	3 axles
333	0.4	4	4 axles
2887	3.0	5	5 axles
143	0.2	6	6 axles
48	0.1	7	7 axles
25	0.0	8	8 axles
		-	
1	0.0	13	13 axles
0	0.0	98	Other
6056	6.4	99	Unknown

---

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

---

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

Vehicle special use (this trip)

22Jun00	Prcnt	Code	Value and Description
92511	97.5	0	No special use
88	0.1	1	Taxi
202	0.2	2	Vehicle used as school bus

Variable 116:SPECIAL USE (Continued)

22Jun00	Prcnt	Code	Value and Description
208	0.2	3	Vehicle used as other bus
3	0.0	4	Military
241	0.3	5	Police
43	0.0	6	Ambulance
62	0.1	7	Fire truck and car
2	0.0	10	Hearse
40	0.0	11	Farm equipment
23	0.0	12	Construction equipment
1423	1.5	99	Unknown

---

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

Hazardous materials placard number

22Jun00	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
91257	96.2	0	Not applicable
1	0.0	1017	- Actual number
1	0.0	9571	
3485	3.7	9999	Unknown

---

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

Hazardous materials placarded

22Jun00	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
91201	96.2	0	Not applicable
152	0.2	1	Yes
7	0.0	2	No
3486	3.7	9	Unknown

---

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

Hazardous materials release

22Jun00	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
91200	96.2	0	Not applicable



Variable 119:HAZ MATERIALS RELEASE (Continued)

22Jun00 Prcnt Code Value and Description

46	0.0	1	Yes
548	0.6	2	No
3052	3.2	9	Unknown

---

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

---

22Jun00 Prcnt Code Value and Description

94634	99.8	0	No
165	0.2	1	Yes
47	0.0	9	Unknown

---

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

---

Number of occupants involved

22Jun00 Prcnt Code Value and Description

277	0.3	0	0 occupants involved
69517	73.3	1	1 occupant involved
16771	17.7	2	2 occupants involved
4985	5.3	3	3 occupants involved
2111	2.2	4	4 occupants involved
780	0.8	5	5 occupants involved
		-	
14	0.0	30	30 occupants involved

---

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

---

22Jun00 Prcnt Code Value and Description

12736	13.4	0	Stopped vehicle
123	0.1	1	
		-	Actual travel speed (MPH)
3	0.0	95	
13	0.0	97	97 MPH or greater
52668	55.5	99	Unknown

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

## Vehicle contributing factors

22Jun00	Prcnt	Code	Value and Description
86741	91.5	0	No vehicle defects
519	0.5	1	Tires
552	0.6	2	Brake system
107	0.1	3	Steering system - tie rod, kingpin, ball joint, etc.
8	0.0	4	Suspension - springs, shock absorbers, macpherson struts
129	0.1	5	Power train - universal joint, drive shaft, transmission
0	0.0	6	Exhaust system
37	0.0	7	Headlights
34	0.0	8	Signal lights
30	0.0	9	Other lights
11	0.0	10	Wipers
35	0.0	11	Wheels
6	0.0	12	Mirrors
2	0.0	13	Driver seating and control
15	0.0	14	Body, doors
79	0.1	15	Trailer hitch
2902	3.1	50	Hit-and-run vehicle
123	0.1	97	Vehicle contributing factors - no details
229	0.2	98	Other vehicle contributing factors
3287	3.5	99	Unknown if vehicle has contributing factors

Variable 124	VEHICLE TRAILERING	Width: 1	Type: Numeric
		Dec: None	Miss: 6

22Jun00	Prcnt	Code	Value and Description
86806	91.5	1	No trailing unit
6392	6.7	2	Yes, one trailing unit
219	0.2	3	Yes, two trailing units
11	0.0	4	Yes, three or more trailing units
66	0.1	5	Yes, number of trailing units unknown
1352	1.4	6	Unknown

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

22Jun00	Prcnt	Code	Value and Description
94526	99.7	0	No jackknife noted on PAR
320	0.3	1	Jackknife occurred

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

22Jun00 Prcnt Code Value and Description

91260	96.2	0	No rollover
355	0.4	10	Untripped rollover
88	0.1	20	Tripped rollover - by curb
87	0.1	21	Tripped rollover - by guardrail
543	0.6	22	Tripped rollover - by ditch
61	0.1	23	Tripped rollover - by soft soil
749	0.8	28	Tripped rollover - other
51	0.1	29	Tripped rollover - unknown mechanism
1652	1.7	99	Rollover, unknown whether untripped or tripped

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

22Jun00 Prcnt Code Value and Description

94664	99.8	0	No fire noted on PAR
182	0.2	1	Fire occurred in vehicle

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

22Jun00 Prcnt Code Value and Description

2457	2.6	0	No damage/noncollision
37970	40.0	1	Front
12048	12.7	2	Rightside
12511	13.2	3	Leftside
18072	19.1	4	Back
125	0.1	5	Top
503	0.5	6	Undercarriage
3861	4.1	11	Front right corner
4018	4.2	12	Front left corner
729	0.8	13	Back right corner
711	0.7	14	Back left corner
1841	1.9	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

22Jun00 Prcnt Code Value and Description

3223	3.4	0	No damage
53662	56.6	1	Front

## Variable 129:DAMAGE AREA #1 (Continued)

22Jun00	Prcnt	Code	Value and Description
12334	13.0	2	Rightside
10165	10.7	3	Leftside
10310	10.9	4	Back
301	0.3	5	Top
345	0.4	6	Undercarriage
1147	1.2	7	All areas damaged
3359	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

22Jun00	Prcnt	Code	Value and Description
44029	46.4	0	No damage
0	0.0	1	Front
19739	20.8	2	Rightside
13327	14.1	3	Leftside
7463	7.9	4	Back
719	0.8	5	Top
673	0.7	6	Undercarriage
0	0.0	7	All areas damaged
8896	9.4	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

22Jun00	Prcnt	Code	Value and Description
70737	74.6	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
9246	9.7	3	Leftside
3217	3.4	4	Back
870	0.9	5	Top
582	0.6	6	Undercarriage
0	0.0	7	All areas damaged
10194	10.7	9	Damaged areas unknown

<u>Variable 132</u>	<u>DAMAGE AREA #4</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

22Jun00	Prcnt	Code	Value and Description
80923	85.3	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
1680	1.8	4	Back
1132	1.2	5	Top
535	0.6	6	Undercarriage
0	0.0	7	All areas damaged
10576	11.2	9	Damaged areas unknown

<u>Variable 133</u>	<u>DAMAGE AREA #5</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage for areas 1-5 listed in ascending numerical order

22Jun00	Prcnt	Code	Value and Description
83641	88.2	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
0	0.0	4	Back
304	0.3	5	Top
243	0.3	6	Undercarriage
0	0.0	7	All areas damaged
10658	11.2	9	Damaged areas unknown

<u>Variable 134</u>	<u>DAMAGE SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

22Jun00	Prcnt	Code	Value and Description
3179	3.4	0	None
14370	15.2	1	Minor
27768	29.3	2	Functional (moderate)
28002	29.5	3	Disabling (severe)
21527	22.7	9	Unknown

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

22Jun00	Prcnt	Code	Value	Description
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49967	52.7	1		Driven away
41080	43.3	2		Towed due to damage
2756	2.9	3		Towed not due to damage
384	0.4	4		Abandoned
659	0.7	9		Unknown if towed

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

22Jun00	Prcnt	Code	Value	Description
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NonCollision				
3369	3.6	1		Rollover/overturn
120	0.1	2		Fire/explosion
19	0.0	3		Immersion
0	0.0	4		Gas inhalation
146	0.2	5		Jackknife
95	0.1	6		Noncollision injury
11	0.0	7		Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
307	0.3	8		Other noncollision
6	0.0	9		Noncollision - no details
60	0.1	10		Thrown or falling object
Collision with Object Not Fixed				
1613	1.7	21		Pedestrian
1083	1.1	22		Cycle or cyclist (pedalcycle or pedalcyclist)
28	0.0	23		Railway train
1326	1.4	24		Animal
76443	80.6	25		Motor vehicle in transport
1808	1.9	26		Parked motor vehicle (or motor vehicle not in transport)
28	0.0	27		Other type nonmotorist
500	0.5	28		Other object not fixed
18	0.0	29		Object not fixed - no details
Collision with Fixed Object				
95	0.1	31		Ground
142	0.1	32		Building
27	0.0	33		Impact attenuator or crash cushion
159	0.2	34		Bridge structure (pier/abutment/parapet end)
832	0.9	35		Guardrail
714	0.8	36		Concrete traffic barrier or other longitudinal barrier type
1643	1.7	37		Post, pole or support (sign post, utility post)
972	1.0	38		Culvert or ditch
318	0.3	39		Curb
402	0.4	40		Embankment
329	0.3	41		Fence
214	0.2	42		Wall

Variable 136: MOST HARMFUL EVENT (Continued)

22Jun00	Prcnt	Code	Value and Description
	91	0.1	43 Fire hydrant
	72	0.1	44 Shrubbery or bush
	1347	1.4	45 Tree
	76	0.1	46 Boulder
	364	0.4	58 Other fixed object
	44	0.0	59 Fixed object - no details
	25	0.0	99 Unknown most harmful event

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

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Movement prior to critical event (Precrash 1)

22Jun00	Prcnt	Code	Value and Description
	296	0.3	0 No driver present
	50063	52.8	1 Going straight
	5221	5.5	2 Decelerating in traffic lane
	181	0.2	3 Accelerating in traffic lane
	2003	2.1	4 Starting in traffic lane
	12284	13.0	5 Stopped in traffic lane
	1075	1.1	6 Passing or overtaking another vehicle
	153	0.2	7 Disabled or parked in travel lane
	325	0.3	8 Leaving a parked position
	122	0.1	9 Entering a parked position
	2907	3.1	10 Turning right
	9487	10.0	11 Turning left
	443	0.5	12 Making U-turn
	1211	1.3	13 Backing up (other than parking purposes)
	3623	3.8	14 Negotiating a curve
	3229	3.4	15 Changing lanes
	470	0.5	16 Merging
	532	0.6	17 Successful corrective action to a previous critical event
	289	0.3	97 Other
	932	1.0	99 Unknown

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

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Critical event (Precrash 2)

22Jun00	Prcnt	Code	Value and Description
	0	0.0	0 Not applicable/no collision

## Variable 138:CRITICAL EVENT (Continued)

22Jun00	Prcnt	Code	Value and Description
CRITICAL EVENT INITIATED BY THIS VEHICLE			
This Vehicle Loss of Control Due To:			
220	0.2	1	Blow out or flat tire
14	0.0	2	Stalled engine
253	0.3	3	Disabling vehicle failure (e.g. wheel fell off)
89	0.1	4	Non-disabling vehicle problem (e.g. hood flew up)
1102	1.2	5	Poor road conditions (puddle, pothole, ice, etc.)
2987	3.1	6	Traveling too fast for conditions
579	0.6	8	Other cause of control loss
551	0.6	9	Unknown cause of control loss
This Vehicle Traveling:			
3100	3.3	10	Over the lane line on left side of travel lane
2450	2.6	11	Over the lane line on right side of travel lane
1443	1.5	12	Off the edge of the road on the left side
2644	2.8	13	Off the edge of the road on the right side
184	0.2	14	End departure
7106	7.5	15	Turning left at intersection
1398	1.5	16	Turning right at intersection
6116	6.4	17	Crossing over (passing through) intersection
1621	1.7	18	This vehicle decelerating
168	0.2	19	Unknown travel direction
Other Motor Vehicle in Lane:			
8755	9.2	50	Other vehicle stopped
1592	1.7	51	Traveling in same direction with lower steady speed
4132	4.4	52	Traveling in same direction while decelerating
14691	15.5	53	Traveling in same direction with higher speed
237	0.2	54	Traveling in opposite direction
13	0.0	55	In crossover
562	0.6	56	Backing
244	0.3	59	Unknown travel direction of other motor vehicle in lane
Another Vehicle Encroaching into this Vehicle's Lane			
3374	3.6	60	From adjacent lane (same direction) - over LEFT lane line
3110	3.3	61	From adjacent lane (same direction) - over RIGHT lane line
6048	6.4	62	From opposite direction - over left lane line
197	0.2	63	From opposite direction - over right lane line
281	0.3	64	From parallel/diagonal parking lane
946	1.0	65	Entering intersection - turning into same direction
5090	5.4	66	Entering intersection - straight across path
1976	2.1	67	Entering intersection - turning into opposite direction
86	0.1	68	Entering intersection - intended path not known
426	0.4	70	From driveway, alley access, etc. - turning into same direction
279	0.3	71	From driveway, alley access, etc. - straight across path
690	0.7	72	From driveway, alley access, etc. - turning into opposite direction
212	0.2	73	From driveway, alley access, etc. - intended path unknown
99	0.1	74	From entrance to limited access highway



Variable 138:CRITICAL EVENT (Continued)

22Jun00	Prcnt	Code	Value and Description
291	0.3	78	Encroachment by other vehicle - details unknown
			Pedestrian, Pedalcyclist or other Nonmotorist
1439	1.5	80	Pedestrian in roadway
66	0.1	81	Pedestrian approaching roadway
12	0.0	82	Pedestrian - unknown location
897	0.9	83	Pedalcyclist/other nonmotorist in roadway
45	0.0	84	Pedalcyclist/other nonmotorist approaching roadway
14	0.0	85	Pedalcyclist/other nonmotorist - unknown location
			Object or Animal
1553	1.6	87	Animal in roadway
192	0.2	88	Animal approaching roadway
18	0.0	89	Animal - unknown location
557	0.6	90	Object in roadway
25	0.0	91	Object approaching roadway
16	0.0	92	Object - unknown location
			Other
3747	4.0	98	Other critical event
			Unknown
908	1.0	99	Unknown
1	0.0	620	

---

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

---

Corrective action attempted (Precrash 3)

22Jun00	Prcnt	Code	Value and Description
305	0.3	0	No driver present
28268	29.8	1	No avoidance maneuver
			Single Corrective Action
1311	1.4	2	Braking (no lockup)
4235	4.5	3	Braking (lockup)
1402	1.5	4	Braking (lockup unknown)
7	0.0	5	Releasing brakes
2161	2.3	6	Steered to left
2189	2.3	7	Steered to right
			Multiple Corrective Actions
524	0.6	8	Braked and steered left
588	0.6	9	Braked and steered right
111	0.1	10	Accelerated
39	0.0	11	Accelerated and steered left

## Variable 139:CORRECTIVE ACTION ATTEMP (Continued)

22Jun00	Prcnt	Code	Value and Description
	20	0.0	12 Accelerated and steered right
	16	0.0	94 More than two vehicles involved (other book has it)
	441	0.5	98 Other action
	53229	56.1	99 Unknown if driver attempted corrective action

---

Variable 140	PRECRASH VEHICLE CONTROL	Width: 2	Type: Numeric
		Dec: None	Miss: 9

---

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

22Jun00	Prcnt	Code	Value and Description
	298	0.3	0 No driver present
	79831	84.2	1 Tracking
	5598	5.9	2 Skidding longitudinally - rotation less than 30 degrees
	1402	1.5	3 Skidding laterally - clockwise rotation
	1507	1.6	4 Skidding laterally - counterclockwise rotation
	845	0.9	7 Other vehicle loss of control
	5365	5.7	9 Precrash stability unknown

---

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

---

## Vehicle path prior to first involvement (Precrash 5)

22Jun00	Prcnt	Code	Value and Description
	296	0.3	0 No driver present
	73842	77.9	1 Vehicle stayed in travel lane
	7409	7.8	2 Vehicle stayed on roadway but left travel lane
	1757	1.9	3 Vehicle stayed on roadway, not known if left travel lane
	9609	10.1	4 Vehicle departed roadway
	183	0.2	5 Vehicle remained off roadway
	1049	1.1	6 Vehicle returned to roadway
	0	0.0	7 Entered roadway
	21	0.0	94 More than two vehicles involved
	680	0.7	99 Vehicle path unknown

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

22Jun00 Prcnt      Code Value and Description

2452	2.6	0	Noncollision
50884	53.6	1	Striking
35718	37.7	2	Struck
5436	5.7	3	Both striking and struck
356	0.4	9	Unknown

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

22Jun00 Prcnt      Code Value and Description

See appendix for diagram

461	0.5	0	No impact
Category I. Single Driver			
A. Right Roadside Departure			
1990	2.1	1	Drive off road
2325	2.5	2	Control/traction loss
928	1.0	3	Avoid collision with other vehicle, pedestrian, animal
80	0.1	4	Specifics other
93	0.1	5	Specifics unknown
B. Left Roadside Departure			
1102	1.2	6	Drive off road
2074	2.2	7	Control/traction loss
543	0.6	8	Avoid collision with other vehicle, pedestrian, animal
60	0.1	9	Specifics other
56	0.1	10	Specifics unknown
C. Forward Impact			
1041	1.1	11	Parked vehicle
337	0.4	12	Stationary object
3947	4.2	13	Pedestrian/animal
217	0.2	14	End departure
117	0.1	15	Specifics Other
15	0.0	16	Specifics Unknown
Category II. Same Trafficway Same Direction			
D. Rear-End			
8049	8.5	20	Stopped
6906	7.3	21	Stopped, straight
825	0.9	22	Stopped, left
318	0.3	23	Stopped, right
1613	1.7	24	Slower
1428	1.5	25	Slower, going straight
82	0.1	26	Slower, going left
103	0.1	27	Slower, going right

## Variable 143:ACCIDENT TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
3301	3.5	28	Decelerating (slowing)
2776	2.9	29	Decelerating (slowing), going straight
222	0.2	30	Decelerating (slowing), going left
303	0.3	31	Decelerating (slowing), going right
546	0.6	32	Specifics other
378	0.4	33	Specifics unknown
E. Forward Impact			
6	0.0	34	This vehicle's frontal area impacts another vehicle
6	0.0	35	This vehicle is impacted by frontal area of another vehicle
0	0.0	36	This vehicle's frontal area impacts another vehicle
0	0.0	37	This vehicle is impacted by frontal area of another vehicle
19	0.0	38	This vehicle's frontal area impacts another vehicle
19	0.0	39	This vehicle is impacted by frontal area of another vehicle
2	0.0	40	This vehicle's frontal area impacts another vehicle
2	0.0	41	This vehicle is impacted by frontal area of another vehicle
10	0.0	42	Specifics other
0	0.0	43	Specifics unknown
F. Sideswipe Angle			
554	0.6	44	Straight ahead on left
3158	3.3	45	Straight ahead on left/right
1356	1.4	46	Changing lanes to the right
1346	1.4	47	Changing lanes to the left
1352	1.4	48	Specifics other
206	0.2	49	Specifics unknown
Category III. Same Trafficway Opposite Direction			
G. Head-On			
409	0.4	50	Lateral move (left/right)
409	0.4	51	Lateral move (going straight)
142	0.1	52	Specifics other
24	0.0	53	Specifics unknown
H. Forward Impact			
11	0.0	54	This vehicle's frontal area impacts another vehicle
11	0.0	55	This vehicle is impacted by frontal area of another vehicle
0	0.0	56	This vehicle's frontal area impacts another vehicle
0	0.0	57	This vehicle is impacted by frontal area of another vehicle
23	0.0	58	This vehicle's frontal area impacts another vehicle
23	0.0	59	This vehicle is impacted by frontal area of another vehicle
1	0.0	60	This vehicle's frontal area impacts another vehicle
1	0.0	61	This vehicle is impacted by frontal area of another vehicle
14	0.0	62	Specifics other

Variable 143:ACCIDENT TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
2	0.0	63	Specifics unknown
			I. Sideswipe Angle
758	0.8	64	Lateral move (left/right)
758	0.8	65	Lateral move (going straight)
200	0.2	66	Specifics other
42	0.0	67	Specifics unknown
			Category IV. Change Trafficway Vehicle Turning
			J. Turn Across Path
4197	4.4	68	Initial opposite directions (left/right)
4197	4.4	69	Initial opposite directions (going straight)
598	0.6	70	Initial same directions (turning right)
598	0.6	71	Initial same directions (going straight)
623	0.7	72	Initial same directions (turning left)
623	0.7	73	Initial same directions (going straight)
704	0.7	74	Specifics other
20	0.0	75	Specifics unknown
			K. Turn Into Path
629	0.7	76	Initial same directions (turning left)
629	0.7	77	Initial same directions (going straight)
715	0.8	78	Initial same directions (turning right)
715	0.8	79	Initial same directions (going straight)
213	0.2	80	Initial opposite directions (turning right)
213	0.2	81	Initial opposite directions (going straight)
2641	2.8	82	Initial opposite directions (turning left)
2641	2.8	83	Initial opposite directions (going straight)
350	0.4	84	Specifics other
80	0.1	85	Specifics unknown
			Category V. Intersecting Paths (Vehicle Damage)
			L. Straight Paths
2436	2.6	86	Striking from the right
2436	2.6	87	Struck on the right
2500	2.6	88	Striking from the left
2500	2.6	89	Struck on the left
172	0.2	90	Specifics other
50	0.1	91	Specifics unknown
			Category VI. Miscellaneous
			M. Backing, etc.
1220	1.3	92	Backing vehicle
810	0.9	93	Other vehicle or object
8830	9.3	98	Other crash type
406	0.4	99	Unknown

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

## Maximum injury severity in vehicle

22Jun00	Prcnt	Code	Value and Description
62118	65.5	0	No injury
14003	14.8	1	Possible injury
9838	10.4	2	Nonincapacitating
4402	4.6	3	Incapacitating
401	0.4	4	Fatal
61	0.1	5	Unknown injury severity
0	0.0	6	Died prior
277	0.3	8	No person coded in crash
3746	3.9	9	Unknown

<u>Variable 145</u>	<u>NUMBER INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## Number injured in vehicle

22Jun00	Prcnt	Code	Value and Description
66141	69.7	0	None
22822	24.1	1	- Actual number of people injured
3	0.0	18	
0	0.0	98	No person coded
0	0.0	99	Unknown

<u>Variable 146</u>	<u>ALCOHOL INVOLVED IN VEH</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## Reports alcohol use by driver of the vehicle

22Jun00	Prcnt	Code	Value and Description
3450	3.6	1	Alcohol involved
83047	87.6	2	No alcohol involved
277	0.3	8	No person coded
8072	8.5	9	Unknown

<u>Variable 147</u>	<u>DRIVERS ZIP CODE</u>	Width: 5	Type: Numeric
		Dec: None	Miss: None

22Jun00	Prcnt	Code	Value and Description
638	0.7	0	Not resident of U.S. or territories/Driver not present
		-	Code actual 5-digit zip code

Variable 147:DRIVERS ZIP CODE (Continued)

22Jun00	Prcnt	Code	Value and Description
5637	5.9	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

22Jun00	Prcnt	Code	Value and Description
82609	87.1	0	No
8382	8.8	1	Yes
3855	4.1	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

22Jun00	Prcnt	Code	Value and Description
44064	46.5	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
17032	18.0	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
8620	9.1	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
25130	26.5	4	Group 4 - All other crashes

Variable 151	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

22Jun00 Prcnt	Code Value and Description
13803 14.6	1 Northeast
24990 26.3	2 Midwest
40125 42.3	3 South
15928 16.8	4 West

Variable 153	WEIGHT	Width: 8	Type: Numeric
		Dec: 3	Miss: None

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

Carrier's Identification number

22Jun00 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



The OCCUPANT Variables

Variables 201 through 223 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: 9	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

22Jun00	Prcnt	Code	Value and Description
74204	55.3	1	Vehicle #1
51978	38.8	2	Vehicle #2
6402	4.8	3	Vehicle #3
1128	0.8	4	Vehicle #4
223	0.2	5	Vehicle #5
80	0.1	6	Vehicle #6
36	0.0	7	Vehicle #7
16	0.0	8	Vehicle #8
7	0.0	9	Vehicle #9
12	0.0	10	Vehicle #10
5	0.0	11	Vehicle #11
4	0.0	12	Vehicle #12

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

22Jun00	Prcnt	Code	Value and Description
94569	70.5	1	- Occupant number
1	0.0	50	

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

Indicates the role of the occupant in the vehicle

22Jun00	Prcnt	Code	Value and Description
			Motorists
94549	70.5	1	Driver of motor vehicle in transport
39290	29.3	2	Passenger of a motor vehicle in transport
256	0.2	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

22Jun00	Prcnt	Code	Value and Description
94546	70.5	11	Front seat - left side (driver's side)
1018	0.8	12	Front seat - middle
20943	15.6	13	Front seat - right side
33	0.0	18	Front seat - other
76	0.1	19	Front seat - unknown
4642	3.5	21	Second seat - left side
2033	1.5	22	Second seat - middle
5684	4.2	23	Second seat - right side
80	0.1	28	Second seat - other
199	0.1	29	Second seat - unknown
186	0.1	31	Third seat - left side
109	0.1	32	Third seat - middle
188	0.1	33	Third seat - right side
32	0.0	38	Third seat - other
108	0.1	39	Third seat - unknown
109	0.1	50	Sleeper section of cab (truck)
1925	1.4	51	Other passenger in passenger or cargo area
15	0.0	52	Trailing unit
143	0.1	53	Riding on vehicle exterior
2026	1.5	99	Unknown

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

Occupant restraint system use

22Jun00	Prcnt	Code	Value and Description
11541	8.6	0	None used or N/A
85002	63.4	1	Lap/shoulder belt
4318	3.2	2	Lap belt

Variable 206:OCC RESTRAINT SYSTEM USE (Continued)

22Jun00	Prcnt	Code	Value and Description
664	0.5	3	Shoulder belt
754	0.6	5	Motorcycle helmet
2424	1.8	6	Child safety seat
898	0.7	7	None available
12524	9.3	8	Restraint used - specifics unknown or other
15970	11.9	9	Unknown if used

---

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

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22Jun00	Prcnt	Code	Value and Description
61232	45.7	0	No Air bag available
7761	5.8	1	Deployed
14517	10.8	2	Non-deployed
50585	37.7	9	Unknown if available or deployed

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Variable 208      FILLER      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

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Variable 209      OCCUPANT EJECTION      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

---

22Jun00	Prcnt	Code	Value and Description
130111	97.0	0	Not ejected
369	0.3	1	Totally ejected
60	0.0	2	Partially ejected
3555	2.7	9	Unknown

---

Variable 210      OCCUPANT AGE      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

---

22Jun00	Prcnt	Code	Value and Description
472	0.4	0	Up to one year
898	0.7	1	- Age in years
9	0.0	96	
6	0.0	97	97 years or older
9736	7.3	99	Unknown

Variable 211	OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

22Jun00 Prcnt Code Value and Description

74413	55.5	1	Male
52486	39.1	2	Female
7196	5.4	9	Unknown

Variable 212	OCC INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Occupant injury severity

22Jun00 Prcnt Code Value and Description

92680	69.1	0	O - No injury
19147	14.3	1	C - Possible injury
12004	9.0	2	B - Nonincapacitating injury
5300	4.0	3	A - Incapacitating injury
434	0.3	4	K - Fatal injury
91	0.1	5	U - Injured - severity unknown
1	0.0	6	Died prior to crash
4438	3.3	9	Unknown if injured

Variable 213	TAKEN TO HOSP/TREATMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Occupant taken to hospital or treatment facility

22Jun00 Prcnt Code Value and Description

109693	81.8	0	No
21663	16.2	1	Yes
2739	2.0	9	Unknown

Variable 214	OCCUPANT IMPAIRMENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

22Jun00 Prcnt Code Value and Description

128516	95.8	0	None
330	0.2	1	Ill, blackout
829	0.6	2	Drowsy, sleepy, fell asleep, fatigued
4	0.0	3	Requires cane or crutches
30	0.0	4	Paraplegic or restricted to wheelchair
3	0.0	5	Impaired due to previous injury
3	0.0	6	Deaf
3	0.0	7	Blind
66	0.0	97	Physical impairment - no details

Variable 214: OCCUPANT IMPAIRMENT (Continued)

22Jun00	Prcnt	Code	Value and Description
1272	0.9	98	Other physical impairments
3039	2.3	99	Unknown if physically impaired

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Variable 215	PAR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police Crash Report Alcohol Involvement

22Jun00	Prcnt	Code	Value and Description
39722	29.6	0	Not applicable
82871	61.8	1	Alcohol not involved
3450	2.6	2	Alcohol involved
4049	3.0	8	Not reported
4003	3.0	9	Unknown (police reported)

---

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

Police Crash Report Drug Involvement

22Jun00	Prcnt	Code	Value and Description
74630	55.7	0	Drugs not involved
39691	29.6	1	Not applicable
437	0.3	2	Drugs involved
15263	11.4	8	Not reported
4074	3.0	9	Unknown (police reported)

---

Variable 217	FILLER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

Variable 219	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

Variable 220	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

22Jun00 Prcnt	Code Value and Description	
64452 48.1	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
21783 16.2	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
12846 9.6	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
35014 26.1	4	Group 4 - All other crashes

Variable 221	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 222	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

22Jun00 Prcnt	Code Value and Description	
19485 14.5	1	Northeast
33295 24.8	2	Midwest
57971 43.2	3	South
23344 17.4	4	West

Variable 223	WEIGHT	Width: 8	Type: Numeric
		Dec: 3	Miss: None

The NONMOTORIST Variables

Variables 301 through 323 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: 9	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

22Jun00	Prcnt	Code	Value and Description
2924	99.0	1	Vehicle #1
28	0.9	2	Vehicle #2
1	0.0	8	Vehicle #8

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

22Jun00	Prcnt	Code	Value and Description
2829	95.8	1	
		-	Nonmotorist number
3	0.1	4	

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

Indicates the role of the nonmotorist

22Jun00	Prcnt	Code	Value and Description
			Nonmotorists - Occupant
79	2.7	3	Occupant of a motor vehicle not in transport
17	0.6	4	Occupant of a non-motor vehicle transport device
			Nonmotorists - Non-occupant
1736	58.8	5	Pedestrian
1108	37.5	6	Cyclist (pedalcyclist)

Variable 304:NONMOTORIST TYPE (Continued)

22Jun00	Prcnt	Code	Value and Description
13	0.4	8	Other or unknown non-occupant

---

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

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

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

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Variable 308	NONMOT SAFETY EQUIP USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Nonmotorist safety equipment use

22Jun00	Prcnt	Code	Value and Description
413	14.0	0	None used or N/A
2207	74.7	1	Bicycle helmet
154	5.2	2	Reflective equipment
8	0.3	3	Bicycle helmet and reflective equipment
10	0.3	8	Other safety equipment
161	5.5	9	Unknown if used

---

Variable 309	FILLER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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Variable 310	NONMOTORIST AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

22Jun00	Prcnt	Code	Value and Description
0	0.0	0	Up to one year
12	0.4	1	- Age in years
1	0.0	96	
0	0.0	97	97 years or older
82	2.8	99	Unknown



---

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

---

22Jun00 Prcnt    Code Value and Description

1975	66.9	1	Male
960	32.5	2	Female
18	0.6	9	Unknown

---

Variable 312    NMTR INJURY SEVERITY                    Width: 1            Type: Numeric  
Dec:    None            Miss: 9

---

Nonmotorist injury severity

22Jun00 Prcnt    Code Value and Description

87	2.9	0	O - No injury
267	9.0	1	C - Possible injury
1642	55.6	2	B - Nonincapacitating injury
810	27.4	3	A - Incapacitating injury
100	3.4	4	K - Fatal injury
13	0.4	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash
34	1.2	9	Unknown if injured

---

Variable 313    TAKEN TO HOSP/TREATMENT                    Width: 1            Type: Numeric  
Dec:    None            Miss: 9

---

Occupant taken to hospital or treatment facility

22Jun00 Prcnt    Code Value and Description

648	21.9	0	No
2086	70.6	1	Yes
219	7.4	9	Unknown

---

Variable 314    NMTR PHYSICAL IMPAIRMENT                    Width: 2            Type: Numeric  
Dec:    None            Miss: 99

---

22Jun00 Prcnt    Code Value and Description

2953	100.0	0	None
0	0.0	1	Ill, blackout
0	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
0	0.0	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
0	0.0	6	Deaf
0	0.0	7	Blind
0	0.0	97	Physical impairment - no details

## Variable 314:NMTR PHYSICAL IMPAIRMENT (Continued)

22Jun00	Prcnt	Code	Value and Description
	0 0.0	98	Other physical impairments
	0 0.0	99	Unknown if physically impaired

---

Variable 315	PAR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## Police Crash Report Alcohol Involvement

22Jun00	Prcnt	Code	Value and Description
	119 4.0	0	Not applicable
	2129 72.1	1	Alcohol not involved
	176 6.0	2	Alcohol involved
	423 14.3	8	Not reported
	106 3.6	9	Unknown (police reported)

---

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

## Police Crash Report Drug Involvement

22Jun00	Prcnt	Code	Value and Description
	2008 68.0	0	Drugs not involved
	116 3.9	1	Not applicable
	17 0.6	2	Drugs involved
	711 24.1	8	Not reported
	101 3.4	9	Unknown (police reported)

---

Variable 317	NONMOTORIST ACTION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

22Jun00	Prcnt	Code	Value and Description
	997 33.8	0	No action
			Nonmotorist Vehicle Operator
	18 0.6	1	Failing to have lights on when required
	22 0.7	2	Operating without required equipment
	18 0.6	3	Improper or erratic lane changing
	35 1.2	4	Failure to keep in proper lane or running off road
	123 4.2	5	Making improper entry to or exit from trafficway
	22 0.7	6	Operating the vehicle in erratic, reckless, negligent manner
	264 8.9	7	Failure to yield right of way

Variable 317:NONMOTORIST ACTION (Continued)

22Jun00	Prcnt	Code	Value and Description
19	0.6	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
18	0.6	9	Making other improper turns
71	2.4	10	Driving on wrong side of road
Other Nonmotorists			
399	13.5	21	Darting or running into road
383	13.0	22	Improper crossing of roadway or intersection (jaywalking)
24	0.8	24	Inattentive (talking, eating, etc.)
29	1.0	25	Jogger
4	0.1	26	Nonmotorist pushing vehicle
42	1.4	27	Walking with traffic
19	0.6	28	Walking against traffic
97	3.3	29	Playing, working, sitting, lying, standing, etc. in roadway
191	6.5	98	Other action
158	5.4	99	Unknown action

---

Variable 318	NMTR LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

Nonmotorist location

22Jun00	Prcnt	Code	Value and Description
381	12.9	1	Intersection - in crosswalk
878	29.7	2	Intersection - on roadway
21	0.7	8	Intersection - other
20	0.7	9	Intersection - unknown location
21	0.7	11	Nonintersection - in crosswalk
1307	44.3	12	Nonintersection - on roadway
107	3.6	18	Nonintersection - other
19	0.6	19	Nonintersection - unknown location
8	0.3	20	In crosswalk - unknown if intersection
152	5.1	98	Other location
39	1.3	99	Unknown location

---

Variable 319	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

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Police Jurisdiction codes repeated in each PSU.

General Estimates System (GES)  
1999 - Nonmotorist

Variable 320	STRATUM	Width: 1	Type: Numeric
		Dec: None	Miss: None

22Jun00 Prcnt	Code Value and Description		
100 3.4	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	
88 3.0	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	
2512 85.1	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	
253 8.6	4	Group 4 - All other crashes	

Variable 321	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 322	REGION OF COUNTRY	Width: 1	Type: Numeric
		Dec: None	Miss: None

22Jun00 Prcnt	Code Value and Description		
782 26.5	1	Northeast	
683 23.1	2	Midwest	
774 26.2	3	South	
714 24.2	4	West	

Variable 323	WEIGHT	Width: 8	Type: Numeric
		Dec: 3	Miss: None

## Index to Variables and Code Value Names

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

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abandoned	135	4	Abandoned
absorber	123	4	Suspension - springs, shock absorbers, m
abutment	10	34	Bridge structure (pier/abutment/parapet
abutment	136	34	Bridge structure (pier/abutment/parapet
accelerated	139	10	Accelerated
accelerating	137	3	Accelerating in traffic lane
access	13	3	Driveway, alley access, etc.
access	138	70	From driveway, alley access, etc. - turn
across	138	66	Entering intersection - straight across
action	25	15	The motorist and the cyclist counteract
action	137	17	Successful corrective action to a previo
action	139	*	CORRECTIVE ACTION ATTEMP
action	317	*	NONMOTORIST ACTION
active	20	61	Active devices (gates, flashing lights,
acura	109	54	Acura
adjusting	107	7	While adjusting climate controls
adverse	23	1	No adverse atmospheric related driving c
advisory	20	40	Advisory speed sign
aerostar	112	20	Minivan (Astro, Caravan, Plymouth Vista,
age	210	*	OCCUPANT AGE
age	310	*	NONMOTORIST AGE
ahead	20	43	Warning sign for environment/traffic (fo
ahead	25	19	Cyclist turns left in front of motorist
ahead	143	44	Straight ahead on left
air	207	0	No Air bag available
airbag	207	*	AIRBAG AVAIL/FUNCTION
alcohol	28	*	ALCOHOL INVOLVED IN ACC
alcohol	104	1	Alcohol
alcohol	146	*	ALCOHOL INVOLVED IN VEH
alcohol	215	*	PAR ALCOHOL INVOLVEMENT
alcohol	315	*	PAR ALCOHOL INVOLVEMENT
alfa	109	31	Alfa Romeo
alignment	17	*	ROADWAY ALIGNMENT
alley	13	3	Driveway, alley access, etc.
alley	21	0	No statutory limit (parking lot, alley,
alley	25	1	Cyclist fails to yield to motorist at a
alley	138	70	From driveway, alley access, etc. - turn
ambulance	112	11	Auto-based panel (cargo station wagon, a
ambulance	116	6	Ambulance
american	109	1	American Motors
american	110	+	Rambler/American
angle	11	4	Angle
animal	10	24	Animal
animal	106	3	Animal in road
animal	136	24	Animal
animal	138	87	Animal in roadway
animal	143	3	Avoid collision with other vehicle, pede
april	2	4	April
asleep	107	11	Sleepy or fell asleep
asleep	214	2	Drowsy, sleepy, fell asleep, fatigued
asleep	314	2	Drowsy, sleepy, fell asleep, fatigued
astro	112	20	Minivan (Astro, Caravan, Plymouth Vista,
atc	112	90	ATV (all terrain vehicle) and ATC (all t
atmospheric	23	*	ATMOSPHERIC CONDITION

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
attemp	139	*	CORRECTIVE ACTION ATTEMP
attempted	139	99	Unknown if driver attempted corrective a
attenuator	10	33	Impact attenuator or crash cushion
attenuator	136	33	Impact attenuator or crash cushion
atv	112	90	ATV (all terrain vehicle) and ATC (all t
audi	109	32	Audi
august	2	8	August
austin	109	33	Austin/Austin Healey
auto	113	7	Auto transporter
auto-based	112	10	Auto-based pickup (includes El Camino, C
automobile	112	8	Other automobile type
avoid	106	*	DRIVER MANEUVER TO AVOID
avoid	143	3	Avoid collision with other vehicle, pede
avoidance	106	97	Avoidance maneuver - no details
avoidance	139	1	No avoidance maneuver
axle	114	*	NO OF AXLES ON VEH/TRAIL
backing	25	11	Motorist backing from driveway fails to
backing	137	13	Backing up (other than parking purposes)
backing	138	56	Backing
backing	143	92	Backing vehicle
bag	207	0	No Air bag available
ball	123	3	Steering system - tie rod, kingpin, ball
barrier	10	36	Concrete traffic barrier or other longit
barrier	15	2	Divided highway (with or without barrier
barrier	136	36	Concrete traffic barrier or other longit
beacon	20	4	Flashing traffic control signal or flash
belt	206	1	Lap/shoulder belt
benz	109	42	Mercedes Benz
bicycle	112	81	Moped (motorized bicycle)
bicycle	308	1	Bicycle helmet
bicyclist	25	24	Motorist makes right turn in front of cy
big	25	40	Play vehicle (big wheel, other tricycle,
billboard	105	4	Building, billboard, or other design fea
blackout	214	1	Ill, blackout
blackout	314	1	Ill, blackout
blind	214	7	Blind
blind	314	7	Blind
blow	138	1	Blow out or flat tire
blowing	23	8	Other (smog, smoke, blowing sand/dust/sn
bmw	109	34	BMW
body	112	*	BODY TYPE
body	113	*	CARGO BODY TYPE
body	123	14	Body, doors
book	139	94	More than two vehicles involved (other b
boulder	10	46	Boulder
boulder	136	46	Boulder
box	113	2	Van/enclosed box
brake	123	2	Brake system
brake	139	5	Releasing brakes
braked	139	8	Braked and steered left
braking	139	2	Braking (no lockup)
brat	112	10	Auto-based pickup (includes El Camino, C
bridge	10	34	Bridge structure (pier/abutment/parapet
bridge	13	6	On a bridge
bridge	136	34	Bridge structure (pier/abutment/parapet
bright	105	2	Reflected glare, bright sunlight, headli
brockway	109	80	Brockway

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
broken	105	14	Broken or improperly cleaned windshield
bronco	112	14	Compact utility (Jeep CJ-5, Renegade, Go
bsa	109	70	BSA
buick	109	18	Buick
building	10	32	Building
building	105	4	Building, billboard, or other design fea
building	136	32	Building
bus	24	*	SCH BUS RELATED TO ACC
bus	25	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-based	112	58	Other bus (e.g., transit intercity bus-b
bush	10	44	Shrubbery or bush
bush	136	44	Shrubbery or bush
cab	112	40	Cab chassis-based (includes rescue vehic
cab	205	50	Sleeper section of cab (truck)
caballero	112	10	Auto-based pickup (includes El Camino, C
cadillac	109	19	Cadillac
camino	112	10	Auto-based pickup (includes El Camino, C
camper	112	32	Pickup with slide-in camper
cane	214	3	Requires cane or crutches
cane	314	3	Requires cane or crutches
car	30	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	220	1	Group 1 - All crashes involving a towed
car	320	1	Group 1 - All crashes involving a towed
caravan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
cargo	112	11	Auto-based panel (cargo station wagon, a
cargo	113	*	CARGO BODY TYPE
cargo	205	51	Other passenger in passenger or cargo ar
carrier's	154	*	CARRIER'S ID NUMBER
carry	112	50	School bus (designed to carry students,
case	1	*	CASE NUMBER
case	101	*	CASE NUMBER
case	201	*	CASE NUMBER
case	301	*	CASE NUMBER
cases	25	14	Motorist loses control of veh while over
cassette	107	8	While adjusting radio, cassette, CD
cause	138	8	Other cause of control loss
causing	25	17	Cyclist's path is obstructed; causing cy
cd	107	8	While adjusting radio, cassette, CD
cell	107	5	While talking/listening cell phone
changing	137	15	Changing lanes
changing	143	46	Changing lanes to the right
changing	317	3	Improper or erratic lane changing
charged	104	*	VIOLATIONS CHARGED
chassis	112	12	Large limousine (more than four side doo
chassis-based	112	40	Cab chassis-based (includes rescue vehic
cherokee	112	15	Large utility (Jeep Cherokee, Ramcharger
chev	112	16	Utility station wagon (Chev. Suburban, G
chevrolet	109	20	Chevrolet
chevy	112	21	Large van (Sportvan, Chevy Van, Club Wag
child	206	6	Child safety seat

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
chrysler	109	6	Chrysler
city	112	97	Other type vehicle (e.g., go-cart, fork
cj-5	112	14	Compact utility (Jeep CJ-5, Renegade, Go
classify	25	37	Insufficient information to classify
cleaned	105	14	Broken or improperly cleaned windshield
clear	25	6	Cyclist fails to clear intersection cont
climate	107	7	While adjusting climate controls
clockwise	140	3	Skidding laterally - clockwise rotation
club	112	21	Large van (Sportvan, Chevy Van, Club Wag
code	147	*	DRIVERS ZIP CODE
coded	26	8	No person coded in crash
coded	27	98	No person coded
coded	28	8	No person coded
coded	144	8	No person coded in crash
coded	145	98	No person coded
coded	146	8	No person coded
collide	25	26	Vehicles collide head-on; wrong-way bicy
collided	25	25	Vehicles collided at uncontrolled inters
collision	11	*	MANNER OF COLLISION
collision	138	0	Not applicable/no collision
collision	143	3	Avoid collision with other vehicle, pede
color	20	1	Traffic control signal (on colors)
commercial	25	2	Cyclist fails to yield to motorist at a
compact	112	14	Compact utility (Jeep CJ-5, Renegade, Go
concrete	10	36	Concrete traffic barrier or other longit
concrete	113	6	Concrete mixer
concrete	136	36	Concrete traffic barrier or other longit
condition	19	*	ROADWAY SURFACE COND
condition	20	41	Warning sign for road conditions (hill,
condition	22	*	LIGHT CONDITION
condition	23	*	ATMOSPHERIC CONDITION
condition	106	2	Poor road conditions (puddle, ice, potho
condition	138	5	Poor road conditions (puddle, pothole, i
construction	20	42	Warning sign for road construction
construction	112	93	Construction equipment other than trucks
construction	116	12	Construction equipment
contrib	123	*	VEHICLE CONTRIB FACTORS
contributing	123	97	Vehicle contributing factors - no detail
control	20	*	TRAFFIC CONTROL DEVICE
control	25	14	Motorist loses control of veh while over
control	107	7	While adjusting climate controls
control	123	13	Driver seating and control
control	138	8	Other cause of control loss
control	140	*	PRECRASH VEHICLE CONTROL
control	143	2	Control/traction loss
control	317	8	Failure to obey traffic signs/control de
controlled	25	5	Cyclist fails to yield to motorist at an
conventional	112	39	Unknown (pickup style) light conventiona
convertible	112	1	Convertible (excludes sun roof, t-bar)
conveyance	10	27	Other type nonmotorist or conveyance
corner	25	31	Bicyclist cuts corner when turning left;
corner	128	11	Front right corner
corrective	137	17	Successful corrective action to a previo
corrective	139	*	CORRECTIVE ACTION ATTEMP
counteract	25	15	The motorist and the cyclist counteract
counteractive	25	30	Vehicles collide head-on; counteractive
counterclockwise	140	4	Skidding laterally - counterclockwise ro



GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
country	32	*	REGION OF COUNTRY
country	112	50	School bus (designed to carry students,
country	152	*	REGION OF COUNTRY
country	222	*	REGION OF COUNTRY
country	322	*	REGION OF COUNTRY
coupe	112	2	2-door sedan, hardtop, coupe
crash	10	33	Impact attenuator or crash cushion
crash	20	43	Warning sign for environment/traffic (fo
crash	26	8	No person coded in crash
crash	27	0	No person injured / property damage only
crash	136	33	Impact attenuator or crash cushion
crash	143	98	Other crash type
crash	144	8	No person coded in crash
crash	212	6	Died prior to crash
crash	312	6	Died prior to crash
crashes	30	1	Group 1 - All crashes involving a towed
crashes	150	1	Group 1 - All crashes involving a towed
crashes	220	1	Group 1 - All crashes involving a towed
crashes	320	1	Group 1 - All crashes involving a towed
cream	25	130	Ice cream vendor
critical	137	*	PRIOR TO CRITICAL EVENT
critical	138	*	CRITICAL EVENT
crop	105	5	Trees, crops, vegetation
cross	25	6	Cyclist fails to clear intersection cont
cross	25	7	Cyclist fails to clear intersection cont
cross	112	50	School bus (designed to carry students,
cross-buck	20	62	Passive devices (stop sign, cross-bucks)
crossing	13	5	Rail grade crossing
crossing	20	51	Officer, crossing guard, flagman, etc.
crossing	25	25	Vehicles collided at uncontrolled inters
crossing	138	17	Crossing over (passing through) intersec
crossing	317	22	Improper crossing of roadway or intersec
crossover	13	7	Crossover related
crossover	138	55	In crossover
crosswalk	318	1	Intersection - in crosswalk
crosswind	23	8	Other (smog, smoke, blowing sand/dust/sn
crutches	214	3	Requires cane or crutches
crutches	314	3	Requires cane or crutches
culvert	10	38	Culvert or ditch
culvert	136	38	Culvert or ditch
curb	10	39	Curb
curb	25	4	Cyclist fails to yield to motorist at a
curb	126	20	Tripped rollover - by curb
curb	136	39	Curb
curve	17	2	Curve
curve	105	3	Curve or hill
curve	137	14	Negotiating a curve
cushion	10	33	Impact attenuator or crash cushion
cushion	136	33	Impact attenuator or crash cushion
cuts	25	31	Bicyclist cuts corner when turning left;
cycle	10	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
cyclist	10	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	25	*	PED/CYCLIST ACC TYPE
cyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	304	6	Cyclist (pedalcyclist)

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
cyclist's	25	17	Cyclist's path is obstructed; causing cy
daewoo	109	64	Daewoo
daihatsu	109	60	Daihatsu
damage	27	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
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	22	2	Dark
darting	317	21	Darting or running into road
dart-out	25	821	Midblock dart-out - first half
dash	25	730	Intersection dash
date	2	*	ACCIDENT DATE - MONTH
date	3	*	ACCIDENT DATE - YEAR
datsun	109	35	Nissan/Datsun
dawn	22	4	Dawn
day	4	*	ACCIDENT DAY OF WEEK
daylight	22	1	Daylight
deaf	214	6	Deaf
deaf	314	6	Deaf
decelerating	137	2	Decelerating in traffic lane
decelerating	138	18	This vehicle decelerating
decelerating	143	28	Decelerating (slowing)
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
degree	140	2	Skidding longitudinally - rotation less
departed	141	4	Vehicle departed roadway
departure	138	14	End departure
departure	143	14	End departure
deployed	207	1	Deployed
derivative	112	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,
detect	25	13	Motorist fails to detect cyclist he/she
device	20	*	TRAFFIC CONTROL DEVICE
device	107	9	While using other device/controls integr
device	304	4	Occupant of a non-motor vehicle transpor
device	317	8	Failure to obey traffic signs/control de
diagonal	138	64	From parallel/diagonal parking lane
dialing	107	6	While dialing cell phone
diamond	109	81	Diamond Reo, Reo
died	26	6	Died prior
died	144	6	Died prior
died	212	6	Died prior to crash
died	312	6	Died prior to crash
direction	11	5	Sideswipe, same direction

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
direction	25	18	Cyclist turns left in front of motorist
direction	138	19	Unknown travel direction
directions	143	68	Initial opposite directions (left/right)
dirt	19	5	Sand, dirt, oil
disabled	25	310	To/from disabled vehicle
disabled	137	7	Disabled or parked in travel lane
disabling	134	3	Disabling (severe)
disabling	138	3	Disabling vehicle failure (e.g. wheel fe
distracted	107	*	DRIVER DISTRACTED BY
distraction	107	98	Other, distraction/inattention
ditch	10	38	Culvert or ditch
ditch	126	22	Tripped rollover - by ditch
ditch	136	38	Culvert or ditch
divided	15	1	Not physically divided (two way trafficw
dodge	109	7	Dodge
domestic	109	29	Other domestic
door	112	7	Hatchback, number of doors unknown
door	123	14	Body, doors
drinking	107	13	Eating or drinking
drive	25	48	Drive out - intersection (motorist drove
drive	123	5	Power train - universal joint, drive sha
drive	143	1	Drive off road
driven	135	1	Driven away
driver	25	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	0	No driver present
driver	140	0	No driver present
driver	141	0	No driver present
driver	147	*	DRIVERS ZIP CODE
driver	204	1	Driver of motor vehicle in transport
driver	318	0	Not applicable - driver or occupant of M
driver'	205	11	Front seat - left side (driver's side)
driverless	25	210	Driverless vehicle
driverless	103	0	Unattended vehicle (driverless or no dri
drives	25	35	Motorist drives out from on-street parki
driveway	13	3	Driveway, alley access, etc.
driveway	25	1	Cyclist fails to yield to motorist at a
driveway	138	70	From driveway, alley access, etc. - turn
driving	23	1	No adverse atmospheric related driving c
driving	104	4	Reckless driving
driving	317	10	Driving on wrong side of road
drove	25	48	Drive out - intersection (motorist drove
drowsy	214	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	314	2	Drowsy, sleepy, fell asleep, fatigued
drug	104	2	Drugs
drug	216	*	PAR DRUG INVOLVEMENT
drug	316	*	PAR DRUG INVOLVEMENT
dry	19	1	Dry
ducati	109	71	Ducati
dump	112	40	Cab chassis-based (includes rescue vehic
dump	113	5	Dump
dusk	22	5	Dusk

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
dust	23	8	Other (smog, smoke, blowing sand/dust/sn
dust	105	1	Rain, snow, fog, smoke, sand, dust
each	25	15	The motorist and the cyclist counteract
eagle	109	10	Eagle
eagle	112	14	Compact utility (Jeep CJ-5, Renegade, Go
eating	107	13	Eating or drinking
eating	317	24	Inattentive (talking, eating, etc.)
econoline	112	21	Large van (Sportvan, Chevy Van, Club Wag
edge	25	1610	On/near curb or roadway edge
edge	138	12	Off the edge of the road on the left sid
either	25	24	Motorist makes right turn in front of cy
ejected	209	0	Not ejected
ejection	209	*	OCCUPANT EJECTION
el	112	10	Auto-based pickup (includes El Camino, C
embankment	10	40	Embankment
embankment	105	4	Building, billboard, or other design fea
embankment	136	40	Embankment
emergency	25	330	Emergency vehicle related
emergency	120	*	EMERGENCY USE
enclosed	113	2	Van/enclosed box
encroachment	138	78	Encroachment by other vehicle - details
engine	138	2	Stalled engine
entered	141	7	Entered roadway
entering	25	150	Entering/exiting
entering	137	9	Entering a parked position
entering	138	65	Entering intersection - turning into sam
entrance	13	4	Entrance/exit ramp
entrance	138	74	From entrance to limited access highway
entry	25	4	Cyclist fails to yield to motorist at a
entry	317	5	Making improper entry to or exit from tr
environment	20	43	Warning sign for environment/traffic (fo
equipment	112	92	Farm equipment other than trucks
equipment	116	11	Farm equipment
equipment	308	*	NONMOT SAFETY EQUIP USE
equipment	317	2	Operating without required equipment
erratic	317	3	Improper or erratic lane changing
evasive	25	15	The motorist and the cyclist counteract
event	10	*	FIRST HARMFUL EVENT
event	136	*	MOST HARMFUL EVENT
event	137	*	PRIOR TO CRITICAL EVENT
event	138	*	CRITICAL EVENT
excluding	112	6	Station wagon (excluding van and truck b
exhaust	123	6	Exhaust system
exit	13	4	Entrance/exit ramp
exit	317	5	Making improper entry to or exit from tr
exiting	25	8	Motorist exiting from driveway, alley, o
explosion	10	2	Fire/Explosion
explosion	136	2	Fire/explosion
expressway	25	520	Expressway crossing
exterior	205	53	Riding on vehicle exterior
factor	123	*	VEHICLE CONTRIB FACTORS
failing	317	1	Failing to have lights on when required
fails	25	1	Cyclist fails to yield to motorist at a
failure	104	6	Failure to yield right-of-way
failure	138	3	Disabling vehicle failure (e.g. wheel fe
failure	317	4	Failure to keep in proper lane or runnin
falling	10	10	Thrown or falling object

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
falling	136	10	Thrown or falling object
far	25	14	Motorist loses control of veh while over
farm	112	92	Farm equipment other than trucks
farm	116	11	Farm equipment
fast	138	6	Traveling too fast for conditions
fatal	26	4	Fatal
fatal	144	4	Fatal
fatal	212	4	K - Fatal injury
fatal	312	4	K - Fatal injury
fatigued	214	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	314	2	Drowsy, sleepy, fell asleep, fatigued
feature	105	4	Building, billboard, or other design fea
february	2	2	February
fell	10	6	Noncollision injury (injured in vehicle,
fell	107	11	Sleepy or fell asleep
fell	138	3	Disabling vehicle failure (e.g. wheel fe
fell	214	2	Drowsy, sleepy, fell asleep, fatigued
fell	314	2	Drowsy, sleepy, fell asleep, fatigued
female	211	2	Female
female	311	2	Female
fence	10	41	Fence
fence	136	41	Fence
fiat	109	36	Fiat
fire	10	2	Fire/Explosion
fire	116	7	Fire truck and car
fire	127	*	FIRE OCCURRENCE
fire	136	2	Fire/explosion
fixed	10	28	Other object not fixed
fixed	136	28	Other object not fixed
flagman	20	51	Officer, crossing guard, flagman, etc.
flashing	20	4	Flashing traffic control signal or flash
flashing	25	5	Cyclist fails to yield to motorist at an
flat	138	1	Blow out or flat tire
flatbed	113	4	Flatbed
flew	138	4	Non-disabling vehicle problem (e.g. hood
flow	15	*	TRAFFICWAY FLOW
fog	20	43	Warning sign for environment/traffic (fo
fog	23	5	Fog
fog	105	1	Rain, snow, fog, smoke, sand, dust
ford	109	12	Ford
ford	112	21	Large van (Sportvan, Chevy Van, Club Wag
foreign	109	69	Other foreign
fork	112	97	Other type vehicle (e.g., go-cart, fork
freightliner	109	82	Freightliner, White
friday	4	6	Friday
front	25	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	205	11	Front seat - left side (driver's side)
frontal	143	34	This vehicle's frontal area impacts anot
function	207	*	AIRBAG AVAIL/FUNCTION
functional	134	2	Functional (moderate)
fwd	109	83	FWD

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
garbage	113	8	Garbage/refuse
gas	10	4	Gas Inhalation
gas	136	4	Gas inhalation
gate	20	61	Active devices (gates, flashing lights,
general	109	3	AM General
glare	105	2	Reflected glare, bright sunlight, headli
gmc	109	23	GMC
gmc	112	16	Utility station wagon (Chev. Suburban, G
go-cart	112	97	Other type vehicle (e.g., go-cart, fork
golden	112	14	Compact utility (Jeep CJ-5, Renegade, Go
gore	14	8	Gore
grade	13	5	Rail grade crossing
grade	18	2	Grade
grade	20	41	Warning sign for road conditions (hill,
grader	112	93	Construction equipment other than trucks
grand	112	16	Utility station wagon (Chev. Suburban, G
grate	10	7	Pavement Surface Irregularity (ruts, pot
grate	136	7	Pavement surface irregularity (ruts, pot
green	25	6	Cyclist fails to clear intersection cont
ground	10	31	Ground
ground	136	31	Ground
group	30	1	Group 1 - All crashes involving a towed
group	150	1	Group 1 - All crashes involving a towed
group	220	1	Group 1 - All crashes involving a towed
group	320	1	Group 1 - All crashes involving a towed
grumman	109	25	Grumman
guard	20	51	Officer, crossing guard, flagman, etc.
guardrail	10	35	Guardrail
guardrail	126	21	Tripped rollover - by guardrail
guardrail	136	35	Guardrail
hail	23	8	Other (smog, smoke, blowing sand/dust/sn
hardtop	112	2	2-door sedan, hardtop, coupe
harley-davidson	109	72	Harley-Davidson
harmful	10	*	FIRST HARMFUL EVENT
harmful	136	*	MOST HARMFUL EVENT
harvester	109	84	International Harvester/Navistar
hatchback	112	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
headlight	105	2	Reflected glare, bright sunlight, headli
headlight	123	7	Headlights
head-on	11	2	Head-on
head-on	25	26	Vehicles collide head-on; wrong-way bicy
healey	109	33	Austin/Austin Healey
hearse	112	11	Auto-based panel (cargo station wagon, a
hearse	116	10	Hearse
heavy	30	1	Group 1 - All crashes involving a towed
heavy	112	65	Medium/heavy truck-based motorhome
heavy	150	1	Group 1 - All crashes involving a towed
heavy	220	1	Group 1 - All crashes involving a towed
heavy	320	1	Group 1 - All crashes involving a towed
helmet	206	5	Motorcycle helmet
helmet	308	1	Bicycle helmet
hi-cube	112	28	Other van type (Hi-Cube, Kary)
higher	138	53	Traveling in same direction with higher

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
highway	12	*	INTERSTATE HIGHWAY
highway	15	2	Divided highway (with or without barrier
highway	138	74	From entrance to limited access highway
hill	20	41	Warning sign for road conditions (hill,
hill	105	3	Curve or hill
hillcrest	18	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
hitch	123	15	Trailer hitch
hitchhiking	25	510	Hitchhiking
honda	109	37	Honda
hood	138	4	Non-disabling vehicle problem (e.g. hood
hospital	213	*	TAKEN TO HOSP/TREATMENT
hospital	313	*	TAKEN TO HOSP/TREATMENT
hot	25	230	Hot pursuit
hour	5	*	ACCIDENT TIME - HOUR
hydrant	10	43	Fire hydrant
hydrant	136	43	Fire hydrant
hyundai	109	55	Hyundai
ice	19	4	Ice
ice	25	130	Ice cream vendor
ice	106	2	Poor road conditions (puddle, ice, potho
ice	138	5	Poor road conditions (puddle, pothole, i
identifier	154	*	CARRIER'S ID NUMBER
ill	214	1	Ill, blackout
ill	314	1	Ill, blackout
immersion	10	3	Immersion
immersion	136	3	Immersion
impact	10	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
impacted	143	35	This vehicle is impacted by frontal area
impacts	143	34	This vehicle's frontal area impacts anot
impaired	214	5	Impaired due to previous injury
impaired	314	5	Impaired due to previous injury
impairment	214	*	OCCUPANT IMPAIRMENT
impairment	314	*	NMTR PHYSICAL IMPAIRMENT
imperial	109	8	Imperial
improper	317	3	Improper or erratic lane changing
improperly	105	14	Broken or improperly cleaned windshield
inadequate	25	920	Inadequate information
inadequate	105	9	Inadequate defrost or defog system
inattention	107	98	Other, distraction/inattention
inattentive	107	97	Inattentive or lost in thought
inattentive	317	24	Inattentive (talking, eating, etc.)
incapacitating	26	3	Incapacitating
incapacitating	144	3	Incapacitating
incapacitating	212	3	A - Incapacitating injury
incapacitating	312	3	A - Incapacitating injury
infiniti	109	58	Infiniti
information	25	37	Insufficient information to classify
information	104	50	Hit & run (and no information)
information	105	50	Hit-and-run vehicle (and no information)
information	106	50	Hit & run (and no information)

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
inhalation	10	4	Gas Inhalation
inhalation	136	4	Gas inhalation
initial	128	*	INITIAL POINT OF IMPACT
initial	143	68	Initial opposite directions (left/right)
injured	10	6	Noncollision injury (injured in vehicle,
injured	27	0	No person injured / property damage only
injured	30	2	Group 2 - All crashes involving a medium
injured	145	*	NUMBER INJURED IN VEH
injured	150	2	Group 2 - All crashes involving a medium
injured	212	5	U - Injured - severity unknown
injured	220	2	Group 2 - All crashes involving a medium
injured	312	5	U - Injured - severity unknown
injured	320	2	Group 2 - All crashes involving a medium
injury	10	6	Noncollision injury (injured in vehicle,
injury	26	*	MAX INJ SEVERITY IN ACC
injury	27	*	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	212	*	OCC INJURY SEVERITY
injury	214	5	Impaired due to previous injury
injury	312	*	NMTR INJURY SEVERITY
injury	314	5	Impaired due to previous injury
insufficient	25	37	Insufficient information to classify
integral	107	9	While using other device/controls integr
intended	138	68	Entering intersection - intended path no
interchange	13	18	Other location in interchange
intercity	112	58	Other bus (e.g., transit intercity bus-b
interior	105	11	Obstruction interior to vehicle
international	109	84	International Harvester/Navistar
intersecting	25	99	Intersecting path - unknown
intersection	13	1	Intersection
intersection	25	5	Cyclist fails to yield to motorist at an
intersection	138	15	Turning left at intersection
intersection	317	22	Improper crossing of roadway or intersec
intersection	318	1	Intersection - in crosswalk
interstate	12	*	INTERSTATE HIGHWAY
involved	7	*	NUM VEH INVOLVED IN ACC
involved	8	*	NUM NMTR INVOLVED IN ACC
involved	25	0	No pedestrian/cyclist involved
involved	28	*	ALCOHOL INVOLVED IN ACC
involved	30	2	Group 2 - All crashes involving a medium
involved	103	0	Unattended vehicle (driverless or no dri
involved	121	*	NUM OCC INVOLVED IN VEH
involved	139	94	More than two vehicles involved (other b
involved	141	94	More than two vehicles involved
involved	146	*	ALCOHOL INVOLVED IN VEH
involved	150	2	Group 2 - All crashes involving a medium
involved	215	1	Alcohol not involved
involved	216	0	Drugs not involved
involved	220	2	Group 2 - All crashes involving a medium
involved	315	1	Alcohol not involved
involved	316	0	Drugs not involved
involved	320	2	Group 2 - All crashes involving a medium
involving	30	1	Group 1 - All crashes involving a towed
involving	150	1	Group 1 - All crashes involving a towed
involving	220	1	Group 1 - All crashes involving a towed



GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
involving	320	1	Group 1 - All crashes involving a towed
irregularity	10	7	Pavement Surface Irregularity (ruts, pot
irregularity	136	7	Pavement surface irregularity (ruts, pot
isuzu	109	38	Isuzu
iveco	109	88	Iveco/Magirus
jackknife	10	5	Jackknife
jackknife	125	*	JACKKNIFE
jackknife	136	5	Jackknife
jaguar	109	39	Jaguar
january	2	1	January
jaywalking	317	22	Improper crossing of roadway or intersec
jeep	109	2	Jeep (includes Kaiser-Jeep)
jeep	112	14	Compact utility (Jeep CJ-5, Renegade, Go
jogger	317	25	Jogger
joint	123	3	Steering system - tie rod, kingpin, ball
july	2	7	July
junction	13	*	RELATION TO JUNCTION
june	2	6	June
jurisdiction	29	*	POLICE JURISDICTION
jurisdiction	149	*	POLICE JURISDICTION
jurisdiction	219	*	POLICE JURISDICTION
jurisdiction	319	*	POLICE JURISDICTION
kaiser-jeep	109	2	Jeep (includes Kaiser-Jeep)
kary	112	28	Other van type (Hi-Cube, Kary)
kawasaki	109	73	Kawasaki
kenworth	109	85	Kenworth
kg	112	22	Step van or walk-in van (< 4,500 kg GVWR
kia	109	63	KIA
kingpin	123	3	Steering system - tie rod, kingpin, ball
lancia	109	40	Lancia
land	9	*	LAND USE
land	109	62	Land Rover
lane	14	7	In parking lane
lane	16	*	NUMBER OF TRAVEL LANES
lane	137	2	Decelerating in traffic lane
lane	138	10	Over the lane line on left side of trave
lane	141	1	Vehicle stayed in travel lane
lane	143	46	Changing lanes to the right
lane	317	3	Improper or erratic lane changing
lap	206	1	Lap/shoulder belt
lateral	143	50	Lateral move (left/right)
laterally	140	3	Skidding laterally - clockwise rotation
least	30	2	Group 2 - All crashes involving a medium
least	150	2	Group 2 - All crashes involving a medium
least	220	2	Group 2 - All crashes involving a medium
least	320	2	Group 2 - All crashes involving a medium
leave	108	0	No, did not leave scene
leaving	135	*	MANNER OF LEAVING SCENE
leaving	137	8	Leaving a parked position
left	25	18	Cyclist turns left in front of motorist
left	108	1	Yes, driver or car and driver left scene
left	128	12	Front left corner
left	137	11	Turning left
left	138	10	Over the lane line on left side of trave
left	139	6	Steered to left
left	141	2	Vehicle stayed on roadway but left trave
left	143	22	Stopped, left

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	205	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
level	18	1	Level
lexus	109	59	Lexus
license	104	5	Driving with a suspended or revoked lice
lift	112	97	Other type vehicle (e.g., go-cart, fork
light	20	61	Active devices (gates, flashing lights,
light	22	*	LIGHT CONDITION
light	25	6	Cyclist fails to clear intersection cont
light	30	1	Group 1 - All crashes involving a towed
light	112	39	Unknown (pickup style) light conventiona
light	123	8	Signal lights
light	150	1	Group 1 - All crashes involving a towed
light	220	1	Group 1 - All crashes involving a towed
light	317	1	Failing to have lights on when required
light	320	1	Group 1 - All crashes involving a towed
lighted	22	3	Dark, but lighted
lighting	105	10	Inadequate lighting system
limit	21	*	SPEED LIMIT
limited	138	74	From entrance to limited access highway
limousine	112	12	Large limousine (more than four side doo
lincoln	109	13	Lincoln
line	138	10	Over the lane line on left side of trave
listed	109	78	Moped (other than listed manufacturers)
listening	107	5	While talking/listening cell phone
load	105	6	Moving vehicle (including load)
longitudinal	10	36	Concrete traffic barrier or other longit
longitudinal	136	36	Concrete traffic barrier or other longit
longitudinally	140	2	Skidding longitudinally - rotation less
looked	107	1	Looked but did not see
loses	25	14	Motorist loses control of veh while over
lot	21	0	No statutory limit (parking lot, alley,
lot	25	29	Parking lot, other open area; crossing p
lower	138	51	Traveling in same direction with lower s
lying	317	29	Playing, working, sitting, lying, standi
mack	109	86	Mack
macpherson	123	4	Suspension - springs, shock absorbers, m
magirus	109	88	Iveco/Magirus
mailbox	25	140	Mailbox related
make	25	22	Motorist make left turn in front of cycl
make	109	*	MAKE
make	110	*	MAKE/MODEL
makes	25	21	Cyclist riding on wrong side of street m
male	211	1	Male
male	311	1	Male
maneuver	106	*	DRIVER MANEUVER TO AVOID
maneuver	139	1	No avoidance maneuver
maneuvered	106	99	Unknown if driver maneuvered to avoid
manner	11	*	MANNER OF COLLISION
manner	135	*	MANNER OF LEAVING SCENE
manner	317	6	Operating the vehicle in erratic, reckle
manufacturers	109	78	Moped (other than listed manufacturers)

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
march	2	3	March
material	117	*	HAZ MATERIAL PLACARD NO
material	118	*	HAZ MATERIALS PLACARDED
material	119	*	HAZ MATERIALS RELEASE
maximum	26	*	MAX INJ SEVERITY IN ACC
maximum	144	*	MAX INJ SEVERITY IN VEH
may	2	5	May
mazda	109	41	Mazda
mechanism	126	29	Tripped rollover - unknown mechanism
median	14	3	On median
medium	30	1	Group 1 - All crashes involving a towed
medium	112	65	Medium/heavy truck-based motorhome
medium	150	1	Group 1 - All crashes involving a towed
medium	220	1	Group 1 - All crashes involving a towed
medium	320	1	Group 1 - All crashes involving a towed
mercedes	109	42	Mercedes Benz
mercury	109	14	Mercury
merge	25	720	Vehicle turn/merge
merges	25	3	Cyclist turns or merges into path of mot
merging	137	16	Merging
merkur	109	56	Merkur
mg	109	43	MG
midblock	25	4	Cyclist fails to yield to motorist at a
middle	205	12	Front seat - middle
midnight	5	24	12:00 Midnight
midwest	32	2	Midwest
midwest	152	2	Midwest
midwest	222	2	Midwest
midwest	322	2	Midwest
military	116	4	Military
minibike	112	88	Other motored cycle type (minibike, moto
minivan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
minor	134	1	Minor
minute	6	*	ACCIDENT TIME - MINUTE
mirror	105	12	Mirrors
mirror	123	12	Mirrors
misjudges	25	16	Motorist misjudges space required to pas
mitsubishi	109	52	Mitsubishi
mixer	113	6	Concrete mixer
model	110	*	MAKE/MODEL
model	111	*	MODEL YEAR
moderate	134	2	Functional (moderate)
monday	4	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	109	78	Moped (other than listed manufacturers)
moped	112	81	Moped (motorized bicycle)
moto-guzzi	109	74	Moto-Guzzi
motor	10	25	Motor vehicle in transport
motor	11	0	Not collision with motor vehicle in tran
motor	25	27	Bicyclist overtaking motor vehicle
motor	109	1	American Motors
motor	136	25	Motor vehicle in transport
motor	138	59	Unknown travel direction of other motor
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

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Item	Var	CV	Variable Name or Code Value
motorcycle	206	5	Motorcycle helmet
motorcyle	112	80	Motorcyle
motored	112	88	Other motored cycle type (minibike, moto
motorhome	112	23	Van-based motorhome
motorist	25	1	Cyclist fails to yield to motorist at a
motorists'	25	6	Cyclist fails to clear intersection cont
motorized	112	81	Moped (motorized bicycle)
motorscooter	112	88	Other motored cycle type (minibike, moto
move	143	50	Lateral move (left/right)
moving	105	6	Moving vehicle (including load)
moving	107	4	By moving object in vehicle
moving-vehicle	10	26	Parked motor vehicle (or other mv not in
moving-vehicle	318	0	Not applicable - driver or occupant of M
multiple	25	710	Multiple threat, intersection
navistar	109	84	International Harvester/Navistar
negligent	317	6	Operating the vehicle in erratic, reckle
negotiating	137	14	Negotiating a curve
nissan	109	35	Nissan/Datsun
noncollision	10	6	Noncollision injury (injured in vehicle,
noncollision	128	0	No damage/noncollision
noncollision	136	6	Noncollision injury
noncollision	142	0	Noncollision
non-deployed	207	2	Non-deployed
non-disabling	138	4	Non-disabling vehicle problem (e.g. hood
nonincapacitating	26	2	Nonincapacitating
nonincapacitating	144	2	Nonincapacitating
nonincapacitating	212	2	B - Nonincapacitating injury
nonincapacitating	312	2	B - Nonincapacitating injury
non-interchange	13	8	Other, non-interchange
nonintersection	318	11	Nonintersection - in crosswalk
non-junction	13	0	Non-junction
nonmot	308	*	NONMOT SAFETY EQUIP USE
non-motor	304	4	Occupant of a non-motor vehicle transpor
nonmotorist	8	*	NUM NMTR INVOLVED IN ACC
nonmotorist	10	27	Other type nonmotorist or conveyance
nonmotorist	25	9999	First nonmotorist involved is unknown p
nonmotorist	106	5	Pedestrian, pedalcyclist, or other nonm
nonmotorist	136	27	Other type nonmotorist
nonmotorist	138	83	Pedalcyclist/other nonmotorist in roadwa
nonmotorist	302	*	VEH STRIKING NUMBER NMTR
nonmotorist	303	*	NONMOTORIST NUMBER
nonmotorist	304	*	NONMOTORIST TYPE
nonmotorist	310	*	NONMOTORIST AGE
nonmotorist	311	*	NONMOTORIST SEX
nonmotorist	312	*	NMTR INJURY SEVERITY
nonmotorist	314	*	NMTR PHYSICAL IMPAIRMENT
nonmotorist	317	*	NONMOTORIST ACTION
nonmotorist	318	*	NMTR LOCATION
nonmotorists	8	0	0 nonmotorists involved
non-occupant	304	8	Other or unknown non-occupant
nonroadway	25	1620	On sidewalk or other nonroadway location
northeast	32	1	Northeast
northeast	152	1	Northeast
northeast	222	1	Northeast
northeast	322	1	Northeast
norton	109	75	Norton
noted	125	0	No jackknife noted on PAR

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	16	*	NUMBER OF TRAVEL LANES
number	27	*	NUM INJ PERSONS IN ACC
number	31	*	PSU NUMBER
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	5	Yes, number of trailing units unknown
number	145	*	NUMBER INJURED IN VEH
number	151	*	PSU NUMBER
number	154	*	CARRIER'S ID NUMBER
number	201	*	CASE NUMBER
number	202	*	VEHICLE NUMBER
number	203	*	OCCUPANT NUMBER
number	221	*	PSU NUMBER
number	301	*	CASE NUMBER
number	302	*	VEH STRIKING NUMBER NMTR
number	303	*	NONMOTORIST NUMBER
number	321	*	PSU NUMBER
obey	317	8	Failure to obey traffic signs/control de
obeys	25	9	At an intersection controlled by a stop
object	10	10	Thrown or falling object
object	106	1	Object in road
object	107	4	By moving object in vehicle
object	136	10	Thrown or falling object
object	138	90	Object in roadway
object	143	12	Stationary object
obscured	105	*	VISION OBSCURED BY
observe	317	8	Failure to obey traffic signs/control de
obstructed	25	6	Cyclist fails to clear intersection cont
obstruction	25	17	Cyclist's path is obstructed; causing cy
obstruction	105	0	No obstruction
occupant	107	3	By other occupant(s)
occupant	121	*	NUM OCC INVOLVED IN VEH
occupant	203	*	OCCUPANT NUMBER
occupant	204	*	OCCUPANT TYPE
occupant	205	*	OCC SEATING POSITION
occupant	206	*	OCC RESTRAINT SYSTEM USE
occupant	209	*	OCCUPANT EJECTION
occupant	210	*	OCCUPANT AGE
occupant	211	*	OCCUPANT SEX
occupant	212	*	OCC INJURY SEVERITY
occupant	214	*	OCCUPANT IMPAIRMENT
occupant	304	3	Occupant of a motor vehicle not in trans
occupant	318	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	20	51	Officer, crossing guard, flagman, etc.
officer	317	8	Failure to obey traffic signs/control de
often	25	14	Motorist loses control of veh while over

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
oil	19	5	Sand, dirt, oil
older	210	97	97 years or older
older	310	97	97 years or older
oldsmobile	109	21	Oldsmobile
on-street	25	35	Motorist drives out from on-street parki
operated	103	1	Driver operated vehicle
operating	317	2	Operating without required equipment
opposite	11	6	Sideswipe, opposite direction
opposite	25	24	Motorist makes right turn in front of cy
opposite	138	54	Traveling in opposite direction
opposite	143	68	Initial opposite directions (left/right)
other's	25	15	The motorist and the cyclist counteract
outside	14	5	Outside trafficway
outside	107	12	Distracted by outside person or object
overtaking	25	13	Motorist fails to detect cyclist he/she
overtaking	137	6	Passing or overtaking another vehicle
overturn	10	1	Rollover/Overturn
overturn	136	1	Rollover/overturn
panel	112	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	215	*	PAR ALCOHOL INVOLVEMENT
par	216	*	PAR DRUG INVOLVEMENT
par	315	*	PAR ALCOHOL INVOLVEMENT
par	316	*	PAR DRUG INVOLVEMENT
parallel	25	3	Cyclist turns or merges into path of mot
parallel	138	64	From parallel/diagonal parking lane
parapet	10	34	Bridge structure (pier/abutment/parapet
parapet	136	34	Bridge structure (pier/abutment/parapet
paraplegic	214	4	Paraplegic or restricted to wheelchair
paraplegic	314	4	Paraplegic or restricted to wheelchair
parked	10	26	Parked motor vehicle (or other mv not in
parked	25	41	Cyclist struck parked vehicle
parked	105	7	Parked vehicle
parked	136	26	Parked motor vehicle (or motor vehicle n
parked	137	7	Disabled or parked in travel lane
parked	143	11	Parked vehicle
parking	14	7	In parking lane
parking	21	0	No statutory limit (parking lot, alley,
parking	25	29	Parking lot, other open area; crossing p
parking	137	13	Backing up (other than parking purposes)
parking	138	64	From parallel/diagonal parking lane
partially	209	2	Partially ejected
pass	25	16	Motorist misjudges space required to pas
passenger	30	1	Group 1 - All crashes involving a towed
passenger	150	1	Group 1 - All crashes involving a towed
passenger	204	2	Passenger of a motor vehicle in transpor
passenger	205	51	Other passenger in passenger or cargo ar
passenger	220	1	Group 1 - All crashes involving a towed
passenger	320	1	Group 1 - All crashes involving a towed
passing	105	8	Splash or spray of passing vehicle
passing	137	6	Passing or overtaking another vehicle
passing	138	17	Crossing over (passing through) intersec
passive	20	62	Passive devices (stop sign, cross-bucks)
path	25	1	Cyclist fails to yield to motorist at a
path	138	66	Entering intersection - straight across
path	141	99	Vehicle path unknown

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
pavement	10	7	Pavement Surface Irregularity (ruts, pot
pavement	136	7	Pavement surface irregularity (ruts, pot
pedalcycle	10	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	10	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	106	5	Pedestrian, pedalcyclist, or other non-m
pedalcyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	138	83	Pedalcyclist/other nonmotorist in roadwa
pedalcyclist	304	6	Cyclist (pedalcyclist)
pedestrian	10	21	Pedestrian
pedestrian	25	*	PED/CYCLIST ACC TYPE
pedestrian	106	5	Pedestrian, pedalcyclist, or other non-m
pedestrian	136	21	Pedestrian
pedestrian	138	80	Pedestrian in roadway
pedestrian	143	3	Avoid collision with other vehicle, pede
pedestrian	304	5	Pedestrian
perpendicular	25	1	Cyclist fails to yield to motorist at a
person	25	9999	First non-motorist involved is unknown p
person	26	8	No person coded in crash
person	27	*	NUM INJ PERSONS IN ACC
person	28	8	No person coded
person	30	2	Group 2 - All crashes involving a medium
person	107	12	Distracted by outside person or object
person	144	8	No person coded in crash
person	145	98	No person coded
person	146	8	No person coded
person	150	2	Group 2 - All crashes involving a medium
person	220	2	Group 2 - All crashes involving a medium
person	320	2	Group 2 - All crashes involving a medium
peterbilt	109	87	Peterbilt
peugeot	109	44	Peugeot
phone	107	5	While talking/listening cell phone
physical	214	97	Physical impairment - no details
physical	314	*	NMTR PHYSICAL IMPAIRMENT
physically	15	1	Not physically divided (two way trafficw
physically	214	99	Unknown if physically impaired
physically	314	99	Unknown if physically impaired
pickup	112	10	Auto-based pickup (includes El Camino, C
pier	10	34	Bridge structure (pier/abutment/parapet
pier	136	34	Bridge structure (pier/abutment/parapet
placard	117	*	HAZ MATERIAL PLACARD NO
placarded	118	*	HAZ MATERIALS PLACARDED
plates	136	7	Pavement surface irregularity (ruts, pot
play	25	40	Play vehicle (big wheel, other tricycle,
playing	25	430	Playing in roadway
playing	317	29	Playing, working, sitting, lying, standi
plymouth	109	9	Plymouth
plymouth	112	20	Minivan (Astro, Caravan, Plymouth Vista,
pole	10	37	Post, pole or support (sign post, utilit
pole	136	37	Post, pole or support (sign post, utilit
police	29	*	POLICE JURISDICTION
police	116	5	Police
police	149	*	POLICE JURISDICTION
police	215	9	Unknown (police reported)
police	216	9	Unknown (police reported)
police	219	*	POLICE JURISDICTION
police	315	9	Unknown (police reported)

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
police	316	9	Unknown (police reported)
police	319	*	POLICE JURISDICTION
pontiac	109	22	Pontiac
poor	106	2	Poor road conditions (puddle, ice, potho
poor	138	5	Poor road conditions (puddle, pothole, i
population	9	1	Within area of population 25,000-49,999
porsche	109	45	Porsche
position	137	8	Leaving a parked position
position	205	*	OCC SEATING POSITION
possible	26	1	Possible injury
possible	144	1	Possible injury
possible	212	1	C - Possible injury
possible	312	1	C - Possible injury
post	10	37	Post, pole or support (sign post, utilit
post	136	37	Post, pole or support (sign post, utilit
pothole	106	2	Poor road conditions (puddle, ice, potho
pothole	138	5	Poor road conditions (puddle, pothole, i
potholes	10	7	Pavement Surface Irregularity (ruts, pot
potholes	136	7	Pavement surface irregularity (ruts, pot
power	123	5	Power train - universal joint, drive sha
preceeding	25	18	Cyclist turns left in front of motorist
precise	25	14	Motorist loses control of veh while over
precrash	25	1	Cyclist fails to yield to motorist at a
precrash	140	*	PRECRASH VEHICLE CONTROL
precrash	141	*	PRECRASH LOCATION
presence	103	*	DRIVER PRESENCE
previous	137	17	Successful corrective action to a previo
previous	214	5	Impaired due to previous injury
previous	314	5	Impaired due to previous injury
problem	138	4	Non-disabling vehicle problem (e.g. hood
proceeding	25	20	Cyclist loses control and swerves into t
profile	18	*	ROADWAY PROFILE
proper	317	4	Failure to keep in proper lane or runnin
property	27	0	No person injured / property damage only
psu	31	*	PSU NUMBER
psu	151	*	PSU NUMBER
psu	221	*	PSU NUMBER
psu	321	*	PSU NUMBER
puddle	106	2	Poor road conditions (puddle, ice, potho
puddle	138	5	Poor road conditions (puddle, pothole, i
purpose	137	13	Backing up (other than parking purposes)
pursuit	25	230	Hot pursuit
pushing	317	26	Nonmotorist pushing vehicle
radio	107	8	While adjusting radio, cassette, CD
rail	10	34	Bridge structure (pier/abutment/parapet
rail	13	5	Rail grade crossing
railway	10	23	Railway train
railway	136	23	Railway train
rain	23	2	Rain
rain	105	1	Rain, snow, fog, smoke, sand, dust
rambler	110	+	Rambler/American
ramcharger	112	15	Large utility (Jeep Cherokee, Ramcharger
ramp	13	4	Entrance/exit ramp
rancho	112	10	Auto-based pickup (includes El Camino, C
reaching	107	10	While using/reaching for other devices
rear-end	11	1	Rear-end
rear-to-rear	11	3	Rear-to-rear



GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
reckless	104	4	Reckless driving
reckless	317	6	Operating the vehicle in erratic, reckle
red	25	5	Cyclist fails to yield to motorist at an
reflected	105	2	Reflected glare, bright sunlight, headli
reflective	308	2	Reflective equipment
refuse	113	8	Garbage/refuse
region	32	*	REGION OF COUNTRY
region	152	*	REGION OF COUNTRY
region	222	*	REGION OF COUNTRY
region	322	*	REGION OF COUNTRY
related	13	2	Intersection related
related	20	23	School zone related sign
related	23	1	No adverse atmospheric related driving c
related	24	*	SCH BUS RELATED TO ACC
related	25	140	Mailbox related
related	107	14	Smoking related
related	148	*	SPEED RELATED
relation	13	*	RELATION TO JUNCTION
relation	14	*	RELATION TO ROADWAY
release	119	*	HAZ MATERIALS RELEASE
releasing	139	5	Releasing brakes
renault	109	46	Renault
renegade	112	14	Compact utility (Jeep CJ-5, Renegade, Go
reo	109	81	Diamond Reo, Reo
reported	104	96	Not reported
reported	106	96	Not reported
reported	107	96	Not reported
reported	121	97	Unknown - only injury reported
reported	215	8	Not reported
reported	216	8	Not reported
reported	315	8	Not reported
reported	316	8	Not reported
required	25	16	Motorist misjudges space required to pas
required	317	1	Failing to have lights on when required
requires	214	3	Requires cane or crutches
requires	314	3	Requires cane or crutches
rescue	112	40	Cab chassis-based (includes rescue vehic
resident	147	0	Not resident of U.S. or territories/Driv
residential	25	1	Cyclist fails to yield to motorist at a
restraint	105	13	Head restraints
restraint	206	*	OCC RESTRAINT SYSTEM USE
restricted	214	4	Paraplegic or restricted to wheelchair
restricted	314	4	Paraplegic or restricted to wheelchair
returned	141	6	Vehicle returned to roadway
revoked	104	5	Driving with a suspended or revoked lice
ride	25	49	Ride out - intersection (bicyclist)
riding	25	21	Cyclist riding on wrong side of street m
riding	205	53	Riding on vehicle exterior
right	25	10	At an intersection controlled by a signa
right	128	11	Front right corner
right	137	10	Turning right
right	138	11	Over the lane line on right side of trav
right	139	7	Steered to right
right	143	23	Stopped, right
right	205	13	Front seat - right side
right	317	7	Failure to yield right of way
right-of-way	104	6	Failure to yield right-of-way

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
rightside	128	2	Rightside
rightside	129	2	Rightside
rightside	130	2	Rightside
rightside	131	2	Rightside
rightside	132	2	Rightside
rightside	133	2	Rightside
road	20	41	Warning sign for road conditions (hill,
road	106	1	Object in road
road	138	5	Poor road conditions (puddle, pothole, i
road	143	1	Drive off road
road	317	4	Failure to keep in proper lane or runnin
roadside	14	4	On roadside
roadway	14	*	RELATION TO ROADWAY
roadway	17	*	ROADWAY ALIGNMENT
roadway	18	*	ROADWAY PROFILE
roadway	19	*	ROADWAY SURFACE COND
roadway	25	1	Cyclist fails to yield to motorist at a
roadway	138	80	Pedestrian in roadway
roadway	141	2	Vehicle stayed on roadway but left trave
roadway	317	22	Improper crossing of roadway or intersec
roadway	318	2	Intersection - on roadway
rod	123	3	Steering system - tie rod, kingpin, ball
role	142	*	VEHICLE ROLE
rollover	10	1	Rollover/Overturn
rollover	126	*	ROLLOVER
rollover	136	1	Rollover/overturn
romeo	109	31	Alfa Romeo
roof	112	1	Convertible (excludes sun roof, t-bar)
rotation	140	2	Skidding longitudinally - rotation less
rover	109	62	Land Rover
run	104	50	Hit & run (and no information)
run	106	50	Hit & run (and no information)
running	25	1531	Walking or running along roadway - with
running	104	7	Running a traffic signal or stop sign
running	317	4	Failure to keep in proper lane or runnin
rut	10	7	Pavement Surface Irregularity (ruts, pot
rut	136	7	Pavement surface irregularity (ruts, pot
saab	109	47	Saab
safari	112	20	Minivan (Astro, Caravan, Plymouth Vista,
safety	206	6	Child safety seat
safety	308	*	NONMOT SAFETY EQUIP USE
safety	317	8	Failure to obey traffic signs/control de
sand	19	5	Sand, dirt, oil
sand	23	8	Other (smog, smoke, blowing sand/dust/sn
sand	105	1	Rain, snow, fog, smoke, sand, dust
saturday	4	7	Saturday
saturn	109	24	Saturn
scene	108	0	No, did not leave scene
scene	135	*	MANNER OF LEAVING SCENE
school	20	23	School zone related sign
school	24	*	SCH BUS RELATED TO ACC
school	25	120	School bus
school	112	24	Van-based school bus
school	116	2	Vehicle used as school bus
seat	205	11	Front seat - left side (driver's side)
seat	206	6	Child safety seat
seating	123	13	Driver seating and control

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
seating	205	*	OCC SEATING POSITION
section	205	50	Sleeper section of cab (truck)
sedan	112	2	2-door sedan, hardtop, coupe
see	107	1	Looked but did not see
separator	14	0	Separator
september	2	9	September
severe	134	3	Disabling (severe)
severity	26	*	MAX INJ SEVERITY IN ACC
severity	134	*	DAMAGE SEVERITY
severity	144	*	MAX INJ SEVERITY IN VEH
severity	212	*	OCC INJURY SEVERITY
severity	312	*	NMTR INJURY SEVERITY
sex	211	*	OCCUPANT SEX
sex	311	*	NONMOTORIST SEX
shaft	123	5	Power train - universal joint, drive sha
shock	123	4	Suspension - springs, shock absorbers, m
shoulder	14	2	On shoulder
shoulder	25	4	Cyclist fails to yield to motorist at a
shoulder	206	1	Lap/shoulder belt
shrubbery	10	44	Shrubbery or bush
shrubbery	136	44	Shrubbery or bush
side	25	21	Cyclist riding on wrong side of street m
side	112	12	Large limousine (more than four side doo
side	138	10	Over the lane line on left side of trave
side	205	11	Front seat - left side (driver's side)
side	317	10	Driving on wrong side of road
sideswipe	11	5	Sideswipe, same direction
sidewalk	25	1620	On sidewalk or other nonroadway location
sign	10	37	Post, pole or support (sign post, utilit
sign	20	21	Stop sign
sign	25	5	Cyclist fails to yield to motorist at an
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	317	8	Failure to obey traffic signs/control de
signal	20	1	Traffic control signal (on colors)
signal	25	5	Cyclist fails to yield to motorist at an
signal	104	7	Running a traffic signal or stop sign
signal	123	8	Signal lights
single	112	61	Single unit straight truck (4500kg < GVW
sitting	317	29	Playing, working, sitting, lying, standi
skidding	140	2	Skidding longitudinally - rotation less
sleeper	205	50	Sleeper section of cab (truck)
sleepy	107	11	Sleepy or fell asleep
sleepy	214	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	314	2	Drowsy, sleepy, fell asleep, fatigued
sleet	23	3	Sleet
slide	25	14	Motorist loses control of veh while over
slide-in	112	32	Pickup with slide-in camper
slower	143	24	Slower
slowing	143	28	Decelerating (slowing)
slush	19	3	Snow or slush
smog	23	8	Other (smog, smoke, blowing sand/dust/sn
smoke	23	8	Other (smog, smoke, blowing sand/dust/sn
smoke	105	1	Rain, snow, fog, smoke, sand, dust
smoking	107	14	Smoking related
snow	19	3	Snow or slush

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Item	Var	CV	Variable Name or Code Value
snow	23	4	Snow
snow	105	1	Rain, snow, fog, smoke, sand, dust
snowmobile	112	91	Snowmobile
soft	126	23	Tripped rollover - by soft soil
soil	126	23	Tripped rollover - by soft soil
south	32	3	South
south	152	3	South
south	222	3	South
south	322	3	South
space	25	16	Motorist misjudges space required to pas
special	116	*	SPECIAL USE
specific	143	4	Specifics other
specific	206	8	Restraint used - specifics unknown or ot
speed	20	40	Advisory speed sign
speed	21	*	SPEED LIMIT
speed	122	*	TRAVEL SPEED
speed	138	51	Traveling in same direction with lower s
speed	148	*	SPEED RELATED
speeding	104	3	Speeding
spin	25	14	Motorist loses control of veh while over
splash	105	8	Splash or spray of passing vehicle
sportvan	112	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
stability	140	9	Preocrash stability unknown
stake	112	40	Cab chassis-based (includes rescue vehic
stalled	138	2	Stalled engine
standing	25	7	Cyclist fails to clear intersection cont
standing	317	29	Playing, working, sitting, lying, standi
starting	137	4	Starting in traffic lane
station	112	6	Station wagon (excluding van and truck b
stationary	143	12	Stationary object
statutory	21	0	No statutory limit (parking lot, alley,
stayed	141	1	Vehicle stayed in travel lane
steady	138	51	Traveling in same direction with lower s
steep	20	41	Warning sign for road conditions (hill,
steered	139	6	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
sterling	109	61	Sterling
stopped	122	0	Stopped vehicle
stopped	137	5	Stopped in traffic lane
stopped	138	50	Other vehicle stopped
stopped	143	20	Stopped
straight	17	1	Straight
straight	25	19	Cyclist turns left in front of motorist
straight	112	61	Single unit straight truck (4500kg < GVW
straight	137	1	Going straight
straight	138	66	Entering intersection - straight across
straight	143	21	Stopped, straight
straight	143	45	Straight ahead on left/right
stratum	30	*	STRATUM
stratum	150	*	STRATUM
stratum	220	*	STRATUM
stratum	320	*	STRATUM
street	25	21	Cyclist riding on wrong side of street m
street	112	97	Other type vehicle (e.g., go-cart, fork

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
stretch	112	12	Large limousine (more than four side doo
strike	25	17	Cyclist's path is obstructed; causing cy
striking	142	1	Striking
striking	143	86	Striking from the right
striking	302	*	VEH STRIKING NUMBER NMTR
struck	25	41	Cyclist struck parked vehicle
struck	142	2	Struck
struck	143	87	Struck on the right
structure	10	34	Bridge structure (pier/abutment/parapet
structure	136	34	Bridge structure (pier/abutment/parapet
struts	123	4	Suspension - springs, shock absorbers, m
student	112	50	School bus (designed to carry students,
style	112	39	Unknown (pickup style) light conventiona
subaru	109	48	Subaru
suburban	112	16	Utility station wagon (Chev. Suburban, G
successful	137	17	Successful corrective action to a previo
sun	112	1	Convertible (excludes sun roof, t-bar)
sunday	4	1	Sunday
sunlight	105	2	Reflected glare, bright sunlight, headli
support	10	37	Post, pole or support (sign post, utilit
support	136	37	Post, pole or support (sign post, utilit
surface	10	7	Pavement Surface Irregularity (ruts, pot
surface	19	*	ROADWAY SURFACE COND
surface	136	7	Pavement surface irregularity (ruts, pot
suspended	104	5	Driving with a suspended or revoked lice
suspension	123	4	Suspension - springs, shock absorbers, m
suzuki	109	53	Suzuki
sweeper	112	97	Other type vehicle (e.g., go-cart, fork
swerves	25	20	Cyclist loses control and swerves into t
swings	25	32	Bicyclist swings wide when turning right
system	105	9	Inadequate defrost or defog system
system	123	2	Brake system
system	206	*	OCC RESTRAINT SYSTEM USE
taken	213	*	TAKEN TO HOSP/TREATMENT
taken	313	*	TAKEN TO HOSP/TREATMENT
talking	107	5	While talking/listening cell phone
talking	317	24	Inattentive (talking, eating, etc.)
tank	113	3	Cargo tank
taxi	116	1	Taxi
t-bar	112	1	Convertible (excludes sun roof, t-bar)
terrain	112	90	ATV (all terrain vehicle) and ATC (all t
territories	147	0	Not resident of U.S. or territories/Driv
thought	107	97	Inattentive or lost in thought
threat	25	710	Multiple threat, intersection
thrown	10	10	Thrown or falling object
thrown	136	10	Thrown or falling object
thursday	4	5	Thursday
tie	123	3	Steering system - tie rod, kingpin, ball
time	5	*	ACCIDENT TIME - HOUR
time	6	*	ACCIDENT TIME - MINUTE
tire	123	1	Tires
tire	138	1	Blow out or flat tire
top	128	5	Top
top	129	5	Top
top	130	5	Top
top	131	5	Top
top	132	5	Top

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
top	133	5	Top
totally	209	1	Totally ejected
tow	112	40	Cab chassis-based (includes rescue vehic
towed	30	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	220	1	Group 1 - All crashes involving a towed
towed	320	1	Group 1 - All crashes involving a towed
toyota	109	49	Toyota
tracking	140	1	Tracking
traction	143	2	Control/traction loss
traffic	10	36	Concrete traffic barrier or other longit
traffic	20	*	TRAFFIC CONTROL DEVICE
traffic	25	6	Cyclist fails to clear intersection cont
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	317	8	Failure to obey traffic signs/control de
trafficway	14	5	Outside trafficway
trafficway	15	*	TRAFFICWAY FLOW
trafficway	317	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
trailer	112	67	Truck-tractor with no cargo trailer
trailer	123	15	Trailer hitch
trailer	124	*	VEHICLE TRAILERING
trailer	112	66	Truck-tractor (cab only, or with any num
trailing	124	1	No trailing unit
trailing	205	52	Trailing unit
train	10	23	Railway train
train	123	5	Power train - universal joint, drive sha
train	136	23	Railway train
training	25	40	Play vehicle (big wheel, other tricycle,
transit	112	50	School bus (designed to carry students,
transmission	123	5	Power train - universal joint, drive sha
transport	10	25	Motor vehicle in transport
transport	11	0	Not collision with motor vehicle in tran
transport	136	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	318	0	Not applicable - driver or occupant of M
transporter	113	7	Auto transporter
trapped	25	740	Trapped
travel	16	*	NUMBER OF TRAVEL LANES
travel	122	*	TRAVEL SPEED
travel	137	7	Disabled or parked in travel lane
travel	138	10	Over the lane line on left side of trave
travel	141	1	Vehicle stayed in travel lane
traveling	138	6	Traveling too fast for conditions
treatment	213	*	TAKEN TO HOSP/TREATMENT
treatment	313	*	TAKEN TO HOSP/TREATMENT
tree	10	45	Tree
tree	105	5	Trees, crops, vegetation
tree	136	45	Tree
tricycle	25	40	Play vehicle (big wheel, other tricycle,
tripped	126	20	Tripped rollover - by curb
triumph	109	50	Triumph

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
truck	30	1	Group 1 - All crashes involving a towed
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	1	Group 1 - All crashes involving a towed
truck	205	50	Sleeper section of cab (truck)
truck	220	1	Group 1 - All crashes involving a towed
truck	320	1	Group 1 - All crashes involving a towed
truck-based	112	41	Truck-based panel
truck-tractor	112	66	Truck-tractor (cab only, or with any num
tuesday	4	3	Tuesday
turning	25	31	Bicyclist cuts corner when turning left;
turning	137	10	Turning right
turning	138	15	Turning left at intersection
turning	143	70	Initial same directions (turning right)
unattended	103	0	Unattended vehicle (driverless or no dri
uncontrolled	25	14	Motorist loses control of veh while over
undercarriage	128	6	Undercarriage
undercarriage	129	6	Undercarriage
undercarriage	130	6	Undercarriage
undercarriage	131	6	Undercarriage
undercarriage	132	6	Undercarriage
undercarriage	133	6	Undercarriage
unit	112	61	Single unit straight truck (4500kg < GVW
unit	124	1	No trailing unit
unit	205	52	Trailing unit
universal	123	5	Power train - universal joint, drive sha
untripped	126	10	Untripped rollover
utility	10	37	Post, pole or support (sign post, utilit
utility	30	1	Group 1 - All crashes involving a towed
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	220	1	Group 1 - All crashes involving a towed
utility	320	1	Group 1 - All crashes involving a towed
u-turn	137	12	Making U-turn
van	30	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	150	1	Group 1 - All crashes involving a towed
van	220	1	Group 1 - All crashes involving a towed
van	320	1	Group 1 - All crashes involving a towed
van-based	112	23	Van-based motorhome
veers	25	14	Motorist loses control of veh while over
vegetation	105	5	Trees, crops, vegetation
vehicle's	143	34	This vehicle's frontal area impacts anot
vendor	25	130	Ice cream vendor
view	25	6	Cyclist fails to clear intersection cont
vin	115	*	VIN
violation	25	760	Driver violation
violation	104	*	VIOLATIONS CHARGED
vision	105	*	VISION OBSCURED BY
vista	112	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	109	30	Volkswagen
volvo	109	51	Volvo
wagon	112	6	Station wagon (excluding van and truck b
wagoneer	112	16	Utility station wagon (Chev. Suburban, G

GES 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
waiting	25	610	Waiting to cross
walked	25	750	Pedestrian walked into vehicle - interse
walk-in	112	22	Step van or walk-in van (< 4,500 kg GVWR
walking	25	531	Walking along roadway - with traffic
walking	317	27	Walking with traffic
wall	10	42	Wall
wall	136	42	Wall
warning	20	41	Warning sign for road conditions (hill,
wednesday	4	4	Wednesday
week	4	*	ACCIDENT DAY OF WEEK
weight	33	*	WEIGHT
weight	153	*	WEIGHT
weight	223	*	WEIGHT
weight	323	*	WEIGHT
weird	25	36	Weird
west	32	4	West
west	152	4	West
west	222	4	West
west	322	4	West
wet	19	2	Wet
wheel	25	40	Play vehicle (big wheel, other tricycle,
wheel	123	11	Wheels
wheel	138	3	Disabling vehicle failure (e.g. wheel fe
wheelchair	214	4	Paraplegic or restricted to wheelchair
wheelchair	314	4	Paraplegic or restricted to wheelchair
wheeled	112	13	Three wheeled automobile or automobile d
white	109	82	Freightliner, White
wide	25	32	Bicyclist swings wide when turning right
wind	20	43	Warning sign for environment/traffic (fo
windshield	105	14	Broken or improperly cleaned windshield
wiper	123	10	Wipers
work	34	*	WORK ZONE
working	25	410	Working on roadway
working	317	29	Playing, working, sitting, lying, standi
wrong	25	21	Cyclist riding on wrong side of street m
wrong	317	10	Driving on wrong side of road
wrong-way	25	26	Vehicles collide head-on; wrong-way bicy
yamaha	109	76	Yamaha
year	3	*	ACCIDENT DATE - YEAR
year	111	*	MODEL YEAR
year	210	0	Up to one year
year	310	0	Up to one year
yield	20	22	Yield sign
yield	25	1	Cyclist fails to yield to motorist at a
yield	104	6	Failure to yield right-of-way
yield	317	7	Failure to yield right of way
yugo	109	57	Yugo
zip	147	*	DRIVERS ZIP CODE
zone	20	23	School zone related sign
zone	34	*	WORK ZONE
zone	317	8	Failure to obey traffic signs/control de
2-door	112	2	2-door sedan, hardtop, coupe
3-door	112	3	3-door/2-door hatchback
4-door	112	4	4-door sedan, hardtop
5-door	112	5	5-door/4-door hatchback



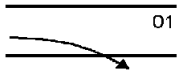

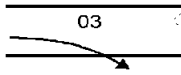
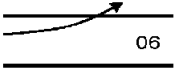

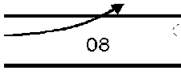

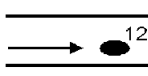
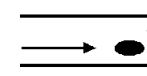
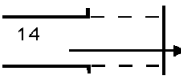
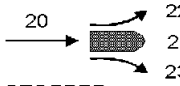
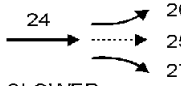
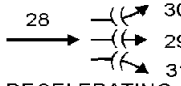


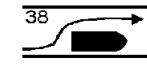

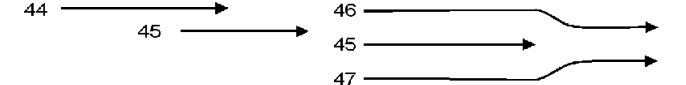





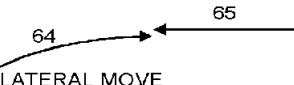
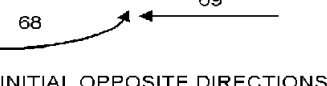
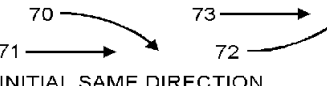
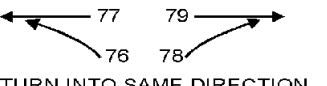
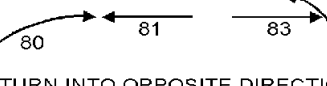
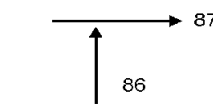
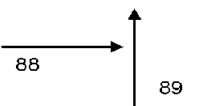
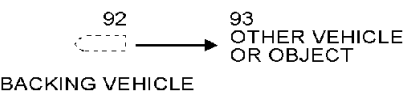
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APPENDIX

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 82 TURN INTO OPPOSITE DIRECTIONS		(EACH - 84) SPECIFICS OTHER	(EACH - 85) SPECIFICS UNKNOWN	
V. Intersecting Paths (Vehicle Damage)	L. Straight Paths	 86 87	 88 89		(EACH - 90) SPECIFICS OTHER	(EACH - 91) SPECIFICS UNKNOWN	
VI. Miscellaneous	M. Backing Etc.	 92 93 BACKING VEHICLE OTHER VEHICLE OR OBJECT			98 OTHER ACCIDENT TYPE 99 UNKNOWN ACCIDENT TYPE 00 NO IMPACT		

