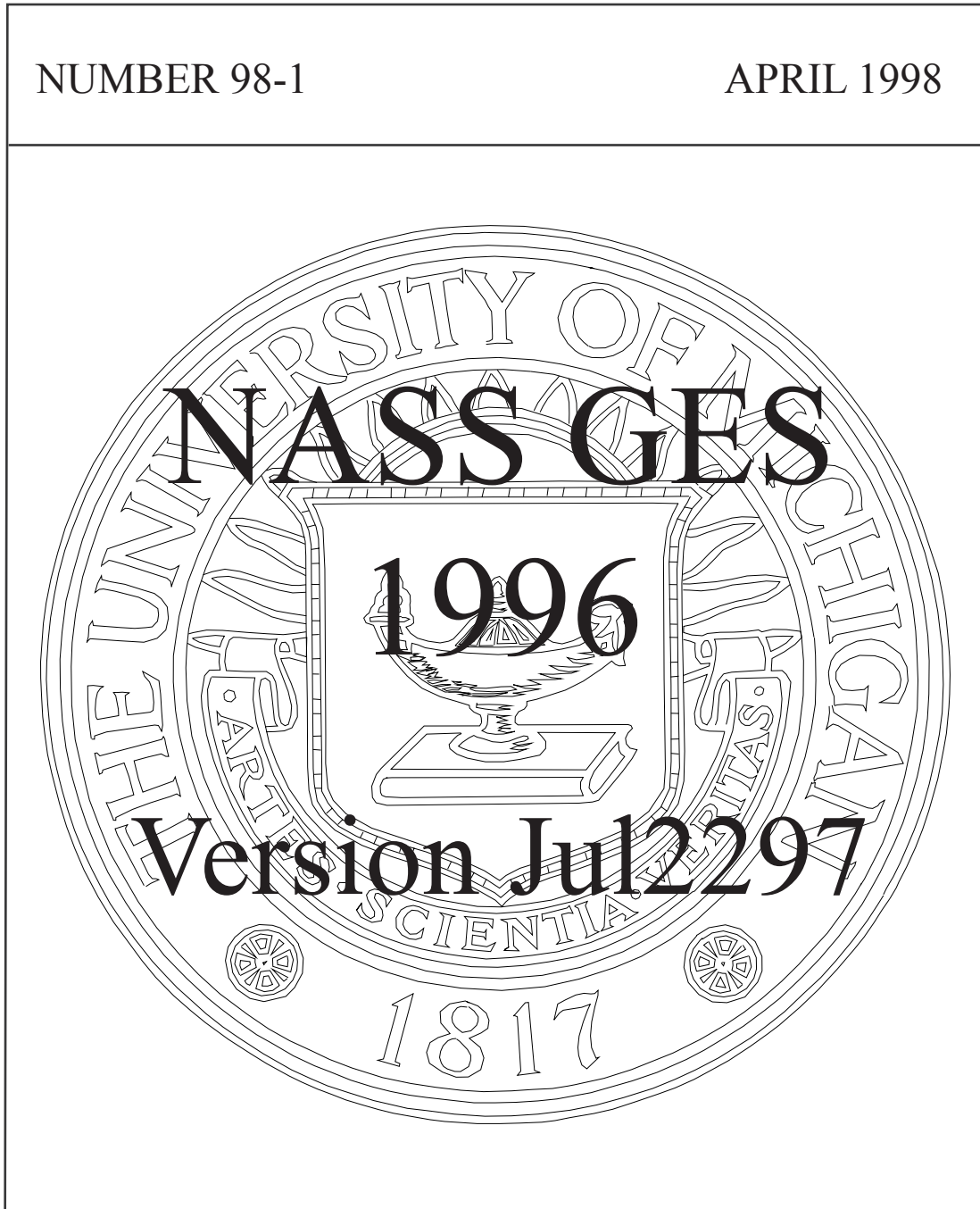


Transportation Data Center  
Data Set Codebook

NUMBER 98-1

APRIL 1998



The University of Michigan  
Transportation Research Institute



## GENERAL ESTIMATES SYSTEMS (GES)

1996 Code Book - Version 072297

### Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 1996. The data sets were generated by the Transportation Data Center at the University of Michigan's Transportation Research Institute (UMTRI) from data collected by the National Center for Statistics and Analysis (NCSA) of the National Highway Traffic Safety Administration (NHTSA). The cooperation of NHTSA is gratefully acknowledged. These data are a copy of the NHTSA files made on July 22, 1997.

The data are a sample of the 1996 motor vehicle accidents for which candidate accidents were chosen with varying probabilities according to a scheme detailed in the Users Manual.<sup>1</sup> Accident reports chosen for inclusion represent accidents of all types with personal injuries ranging from minor to serious that were drawn from geographic areas reflecting the geography, roadway mileage, population, and traffic densities typical of the continental United States.

The data set supplied by NHTSA is relational in structure with three separate relations that describe accident parameters, vehicles and drivers, and persons (i.e., occupants and non-motorists). This structure has been reformatted into a set of four rectangular files described below. A relational data set is maintained, however, and persons interested in rectangular file structures not supplied in the system data sets should contact the Data Center.

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<sup>1</sup> National Center for Statistics and Analysis, GENERAL ESTIMATES SYSTEM (GES), User's Manual, 1996 File.

In the 1996 GES file there are 331 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	GES96ACC	56,030	1-52
Vehicle	GES96VEH	100,861	1-52,101-164
Occupant	GES96OCC	144,332	1-52,101-164,201-230
Nonmotorist	GES96NMT	3,571	1-52,101-164,201-230,301-330

The code book itself is divided into four sections that document the accident, vehicle & driver, occupant, and nonmotorist records, respectively. The univariate frequencies and percentages displayed in each section are taken from the corresponding data set: vehicle and driver frequencies from GES96VEH, non-motorist frequencies from GES96NMT, etc.). Starting with the 1996 GES data the non-motorist file now contains the record for the vehicle that struck the nonmotorist, when known.

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

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

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

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

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

Group 4. All other crashes.

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



General Estimates System (GES)  
1996 - Accident

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

General Estimates System (GES)  
1996 - Accident

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
51	I ATMOSPHERIC CONDITION	1	Numeric	21
52	FILLER	1	Numeric	21



General Estimates System (GES)  
1996 - Vehicle

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

General Estimates System (GES)  
1996 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	REGION OF COUNTRY	1	Numeric	70
152	WEIGHT	7	Numeric	70
153	CARRIER'S ID NUMBER	6	Numeric	70
154	IMPUTED BODY TYPE	2	Numeric	71
155	IMPUTED HIT-AND-RUN	1	Numeric	73
156	I INITIAL POINT OF IMPAC	2	Numeric	73
157	I PRIOR TO CRITICAL EVEN	2	Numeric	73
158	IMPUTED MODEL YEAR	2	Numeric	74
159	IMP MAX INJ SEV. IN VEH	1	Numeric	74
160	IMP NUM INJURED IN VEH	2	Numeric	75
161	IMP VIOLATIONS CHARGED	2	Numeric	75
162	IMPUTED VEHICLE ROLE	1	Numeric	75
163	IMP ALC INVOLVED IN VEH	1	Numeric	76
164	IMP MOST HARMFUL EVENT	2	Numeric	76

General Estimates System (GES)  
1996 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE NUMBER	8	Numeric	79
202	VEHICLE NUMBER	2	Numeric	79
203	OCCUPANT NUMBER	2	Numeric	79
204	OCCUPANT TYPE	1	Numeric	80
205	OCC SEATING POSITION	2	Numeric	80
206	OCC RESTRAINT SYSTEM USE	1	Numeric	80
207	OCC RESTRAINT TYPE	1	Numeric	81
208	AIRBAG AVAIL/FUNCTION	1	Numeric	81
209	FILLER	1	Numeric	81
210	OCCUPANT EJECTION	1	Numeric	81
211	OCCUPANT AGE	2	Numeric	82
212	OCCUPANT SEX	1	Numeric	82
213	OCC INJURY SEVERITY	1	Numeric	82
214	TAKEN TO HOSP/TREATMENT	1	Numeric	82
215	OCCUPANT IMPAIRMENT	2	Numeric	83
216	PAR ALCOHOL INVOLVEMENT	1	Numeric	83
217	PAR DRUG INVOLVEMENT	1	Numeric	83
218	FILLER	2	Numeric	83
219	FILLER	2	Numeric	84
220	POLICE JURISDICTION	3	Numeric	84
221	STRATUM	1	Numeric	84
222	PSU NUMBER	2	Numeric	84
223	REGION OF COUNTRY	1	Numeric	84
224	WEIGHT	7	Numeric	84
225	IMPUTED OCCUPANT AGE	2	Numeric	85
226	IMP PAR ALC INVOLVEMENT	1	Numeric	85
227	IMPUT OCCUPANT EJECTION	1	Numeric	85
228	IMP OCC INJURY SEVERITY	1	Numeric	86
229	IMP OCC SEATING POSITION	2	Numeric	86
230	IMPUTED OCCUPANT SEX	1	Numeric	86

General Estimates System (GES)  
1996 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE NUMBER	8	Numeric	87
302	VEH STRIKING NUMBER NMTR	2	Numeric	87
303	NONMOTORIST NUMBER	2	Numeric	87
304	NONMOTORIST TYPE	1	Numeric	87
305	FILLER	2	Numeric	88
306	FILLER	1	Numeric	88
307	FILLER	1	Numeric	88
308	FILLER	1	Numeric	88
309	NONMOT SAFETY EQUIP USE	1	Numeric	88
310	FILLER	1	Numeric	88
311	NONMOTORIST AGE	2	Numeric	89
312	NONMOTORIST SEX	1	Numeric	89
313	NMTR INJURY SEVERITY	1	Numeric	89
314	TAKEN TO HOSP/TREATMENT	1	Numeric	89
315	NMTR PHYSICAL IMPAIRMENT	2	Numeric	90
316	PAR ALCOHOL INVOLVEMENT	1	Numeric	90
317	PAR DRUG INVOLVEMENT	1	Numeric	90
318	NONMOTORIST ACTION	2	Numeric	90
319	NMTR LOCATION	2	Numeric	91
320	POLICE JURISDICTION	3	Numeric	92
321	STRATUM	1	Numeric	92
322	PSU NUMBER	2	Numeric	92
323	REGION OF COUNTRY	1	Numeric	92
324	WEIGHT	7	Numeric	92
325	IMPUTED NONMOTORIST AGE	2	Numeric	93
326	IMP PAR ALC INVOLVEMENT	1	Numeric	93
327	FILLER	1	Numeric	93
328	IMP NMTR INJURY SEVERITY	1	Numeric	93
329	FILLER	2	Numeric	94
330	IMPUTED NONMOTORIST SEX	1	Numeric	94

The ACCIDENT Variables

Variables 1 through 52 describe the accident. They are included in the Accident, Vehicle, Occupant, and Non-motorist data sets. The Accident data set contains these variables and no others.

Variable 1	CASE NUMBER	Width: 8	Type: Numeric
		Dec: None	Miss: None

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

FREQ Prcnt Code Value and Description

4954	8.8	1	January
4355	7.8	2	February
4442	7.9	3	March
4284	7.6	4	April
4582	8.2	5	May
4662	8.3	6	June
4655	8.3	7	July
4628	8.3	8	August
4542	8.1	9	September
5010	8.9	10	October
4967	8.9	11	November
4949	8.8	12	December

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

FREQ Prcnt Code Value and Description

56030	100.0	96	1996
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Variable 4	ACCIDENT DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ Prcnt Code Value and Description

5474	9.8	1	Sunday
8195	14.6	2	Monday
8590	15.3	3	Tuesday
8412	15.0	4	Wednesday
8453	15.1	5	Thursday

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

FREQ	Prcnt	Code	Value and Description
9622	17.2	6	Friday
7284	13.0	7	Saturday
0	0.0	9	Unknown

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

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## Crash time - hour

FREQ	Prcnt	Code	Value and Description
1032	1.8	0	12:01 am - 12:59 am
949	1.7	1	1:00 am - 1:59 am
940	1.7	2	2:00 am - 2:59 am
628	1.1	3	3:00 am - 3:59 am
591	1.1	4	4:00 am - 4:59 am
747	1.3	5	5:00 am - 5:59 am
1391	2.5	6	6:00 am - 6:59 am
2868	5.1	7	7:00 am - 7:59 am
2859	5.1	8	8:00 am - 8:59 am
2357	4.2	9	9:00 am - 9:59 am
2472	4.4	10	10:00 am - 10:59 am
2977	5.3	11	11:00 am - 11:59 am
3404	6.1	12	12:00 pm - 12:59 pm
3117	5.6	13	1:00 pm - 1:59 pm
3638	6.5	14	2:00 pm - 2:59 pm
4368	7.8	15	3:00 pm - 3:59 pm
4249	7.6	16	4:00 pm - 4:59 pm
4543	8.1	17	5:00 pm - 5:59 pm
3255	5.8	18	6:00 pm - 6:59 pm
2524	4.5	19	7:00 pm - 7:59 pm
1873	3.3	20	8:00 pm - 8:59 pm
1861	3.3	21	9:00 pm - 9:59 pm
1603	2.9	22	10:00 pm - 10:59 pm
1444	2.6	23	11:00 pm - 11:59 pm
22	0.0	24	12:00 Midnight
318	0.6	99	Unknown

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

---

## Crash time - minute

FREQ	Prcnt	Code	Value and Description
5638	10.1	0	- Minute
341	0.6	59	

Variable 6: ACCIDENT TIME - MINUTE (Continued)

FREQ	Prcnt	Code	Value and Description
318	0.6	99	Unknown

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

Number of vehicles involved

FREQ	Prcnt	Code	Value and Description
17223	30.7	1	1 vehicle involved
34028	60.7	2	2 vehicles involved
3853	6.9	3	3 vehicles involved
721	1.3	4	4 vehicles involved
136	0.2	5	5 vehicles involved
43	0.1	6	6 vehicles involved
16	0.0	7	7 vehicles involved
7	0.0	8	8 vehicles involved
1	0.0	9	9 vehicles involved
1	0.0	11	11 vehicles involved
1	0.0	13	13 vehicles involved

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

Number of nonmotorists involved

FREQ	Prcnt	Code	Value and Description
52722	94.1	0	0 nonmotorists involved
3111	5.6	1	1 nonmotorist involved
154	0.3	2	2 nonmotorists involved
28	0.0	3	3 nonmotorists involved
10	0.0	4	4 nonmotorists involved
3	0.0	5	5 nonmotorists involved
1	0.0	6	6 nonmotorists involved
1	0.0	7	7 nonmotorists involved
0	0.0	99	Unknown

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

FREQ	Prcnt	Code	Value and Description
4409	7.9	1	Within area of population 25,000-50,000
5841	10.4	2	Within area of population 50,000-100,000
15780	28.2	3	Within area of population 100,000+

## Variable 9:LAND USE (Continued)

FREQ	Prcnt	Code	Value and Description
26895	48.0	8	Other area
3105	5.5	9	Unknown

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

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FREQ	Prcnt	Code	Value and Description
21012	37.5	0	Urban
8649	15.4	1	10% of area is rural
6850	12.2	2	20% of area is rural
8316	14.8	3	30% of area is rural
1816	3.2	4	40% of area is rural
2758	4.9	5	50% of area is rural
1733	3.1	6	60% of area is rural
4133	7.4	7	70% of area is rural
0	0.0	8	80% of area is rural
763	1.4	9	90% of area is rural
0	0.0	10	100% of area is rural

---

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

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FREQ	Prcnt	Code	Value and Description
NonCollision			
1603	2.9	1	Rollover/Overturn
50	0.1	2	Fire/Explosion
19	0.0	3	Immersion
172	0.3	5	Jackknife
106	0.2	6	Noncollision injury (injured in vehicle, or fell from vehicle)
400	0.7	8	Other noncollision
5	0.0	9	Noncollision - No details
22	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1672	3.0	21	Pedestrian
1266	2.3	22	Cycle or cyclist (pedalcycle or pedalcyclist)
38	0.1	23	Railway train
1231	2.2	24	Animal
37945	67.7	25	Motor vehicle in transport
1939	3.5	26	Parked motor vehicle (or other mv not in transport)
48	0.1	27	Other type nonmotorist
184	0.3	28	Other object not fixed
5	0.0	29	Object not fixed - no details



Variable 11:FIRST HARMFUL EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
Collision with Fixed Object			
10	0.0	31	Ground
114	0.2	32	Building
18	0.0	33	Impact attenuator or crash cushion
192	0.3	34	Bridge Structure (pier/abutment/parapet end/rail)
1042	1.9	35	Guardrail
764	1.4	36	Concrete traffic barrier or other longitudinal barrier type
1780	3.2	37	Post, Pole or Support (sign post, utility post)
1251	2.2	38	Culvert or Ditch
573	1.0	39	Curb
688	1.2	40	Embankment
411	0.7	41	Fence
195	0.3	42	Wall
88	0.2	43	Fire hydrant
42	0.1	44	Shrubbery or bush
1344	2.4	45	Tree
65	0.1	46	Boulder
53	0.1	50	Pavement Surface Irregularity (ruts, potholes, grates, plates, etc.)
547	1.0	58	Other fixed object
79	0.1	59	Fixed object - No details
69	0.1	99	Unknown

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Variable 12	<u>MANNER OF COLLISION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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FREQ	Prcnt	Code	Value and Description
18054	32.2	0	Not collision with vehicle in transport
13902	24.8	1	Rear-end
1030	1.8	2	Head-on
10	0.0	3	Rear-to-rear
20376	36.4	4	Angle
2242	4.0	5	Sideswipe, same direction
349	0.6	6	Sideswipe, opposite direction
30	0.1	8	Other
37	0.1	9	Unknown

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Variable 13	<u>INTERSTATE HIGHWAY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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FREQ	Prcnt	Code	Value and Description
49534	88.4	0	No
6491	11.6	1	Yes
5	0.0	9	Unknown

General Estimates System (GES)  
1996 - Accident

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

FREQ	Prcnt	Code	Value and Description
Non-Interchange Area			
26386	47.1	0	Non-junction
16302	29.1	1	Intersection
5635	10.1	2	Intersection Related
5047	9.0	3	Driveway, Alley Access, Etc.
115	0.2	4	Entrance/Exit Ramp
113	0.2	5	Rail Grade Crossing
299	0.5	6	On a Bridge
258	0.5	8	Other, Non-interchange
258	0.5	9	Unknown, Non-interchange
Interchange Area			
194	0.3	10	Non-junction
352	0.6	11	Intersection
235	0.4	12	Intersection Related
6	0.0	13	Driveway Alley Access, Etc.
738	1.3	14	Entrance/Exit Ramp
66	0.1	16	On a Bridge
8	0.0	18	Other Location in Interchange
6	0.0	19	Unknown, Interchange Area
12	0.0	99	Unknown if Interchange

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

FREQ	Prcnt	Code	Value and Description
43606	77.8	1	On Roadway
1939	3.5	2	On Shoulder or Parking Lane
8854	15.8	3	Off Roadway/Shoulder/Parking Lane
1423	2.5	4	On Median
189	0.3	8	Other
19	0.0	9	Unknown

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

FREQ	Prcnt	Code	Value and Description
29296	52.3	1	Not physically divided (two way trafficway)
16804	30.0	2	Divided highway (median strip, barrier)
2109	3.8	3	One way trafficway
7821	14.0	9	Unknown

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

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FREQ	Prcnt	Code	Value and Description
776	1.4	1	One lane
21464	38.3	2	Two lanes
7387	13.2	3	Three lanes
7277	13.0	4	Four lanes
4375	7.8	5	Five lanes
806	1.4	6	Six lanes
670	1.2	7	Seven or more lanes
13275	23.7	9	Unknown

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

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FREQ	Prcnt	Code	Value and Description
48615	86.8	1	Straight
5981	10.7	2	Curve
1434	2.6	9	Unknown

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

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FREQ	Prcnt	Code	Value and Description
30272	54.0	1	Level
9246	16.5	2	Grade
694	1.2	3	Hillcrest
123	0.2	8	Other
15695	28.0	9	Unknown

---

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

---

Roadway surface condition

FREQ	Prcnt	Code	Value and Description
40380	72.1	1	Dry
10786	19.3	2	Wet
1361	2.4	3	Snow or slush
2617	4.7	4	Ice
106	0.2	5	Sand, dirt, oil
145	0.3	8	Other
635	1.1	9	Unknown

General Estimates System (GES)  
1996 - Accident

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

FREQ	Prcnt	Code	Value and Description
37380	66.7	0	No controls
Not at Railroad Grade Crossing			
10002	17.9	1	Traffic control signal (on colors)
215	0.4	4	Flashing traffic control signal or flashing beacon
64	0.1	8	Other traffic signal
15	0.0	9	Unknown traffic signal
Regulatory, School Zone or Warning Signs:			
5820	10.4	21	Stop sign
545	1.0	22	Yield sign
5	0.0	23	School zone related sign
507	0.9	28	Other sign
6	0.0	29	Unknown sign
Warning sign			
43	0.1	40	Advisory Speed Sign
19	0.0	41	Warning Sign for Road Conditions (hill, steep grade, etc.)
48	0.1	42	Warning Sign for Road Construction
4	0.0	43	Warning Sign for Environment/Traffic (fog ahead, wind, crash ahead)
127	0.2	49	Unknown Type Warning
Miscellaneous not at Railroad Crossing:			
104	0.2	51	Officer, Crossing guard, Flagman, etc.
Not at Railroad Grade Crossing			
54	0.1	61	Active devices (gates, flashing lights, traffic signal)
29	0.1	62	Passive devices (stop sign, cross-bucks)
Other/Unknown			
188	0.3	97	Traffic control present - no details
364	0.6	98	Other traffic control (whether or not at RR grade crossing)
491	0.9	99	Unknown

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

FREQ	Prcnt	Code	Value and Description
52	0.1	0	No statutory limit (parking lot, alley, etc.)
8	0.0	5	-
			Actual speed limit
151	0.3	75	
9263	16.5	99	Unknown

---

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

---

FREQ	Prcnt	Code	Value and Description
38113	68.0	1	Daylight
6439	11.5	2	Dark
8578	15.3	3	Dark, but lighted
759	1.4	4	Dawn
1365	2.4	5	Dusk
0	0.0	6	Dawn or Dusk
776	1.4	9	Unknown

---

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

---

FREQ	Prcnt	Code	Value and Description
45453	81.1	1	No adverse atmospheric related driving conditions
6965	12.4	2	Rain
275	0.5	3	Sleet
2049	3.7	4	Snow
311	0.6	5	Fog
18	0.0	6	Rain and fog
7	0.0	7	Sleet and fog
290	0.5	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)
662	1.2	9	Unknown

---

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

---

Was a school bus directly or indirectly involved?

FREQ	Prcnt	Code	Value and Description
55797	99.6	0	No
233	0.4	1	Yes

---

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

---

Pedestrian/Cyclist Crash Type

FREQ	Prcnt	Code	Value and Description
52970	94.5	0	No pedestrian/cyclist involved
76	0.1	1	Cyclist from Driveway, Alley, or Oth Midblock Location Cyclist fails to yield at a residential driveway; precrash path perpendicular to roadway

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

FREQ	Prcnt	Code	Value and Description
18	0.0	2	Cyclist fails to yield at a commercial driveway; precrash path perpendicular to roadway
15	0.0	3	Cyclist turns/merges into path from residential driveway; precrash path parallel to roadway
93	0.2	4	Cyclist fails to yield at a midblock location; entry is over curb or shoulder
Bicyclist Rides out from a Controlled Intersection			
102	0.2	5	Cyclist fails to yield at intersection
2	0.0	6	Cyclist fails to clear intersection; motorist view not obstructed
3	0.0	7	Cyclist fails to clear intersection; motorist view obstructed by standing traffic
Motorist Turns or Drives out in Front of Bicyclist			
100	0.2	8	Motorist fails to yield from driveway, alley, or other midblock location
83	0.1	9	Motorist obeys intersection stop sign or flashing red light, but fails to yield to cyclist
32	0.1	10	Motorist obeys intersection signal, but fails to yield to cyclist while making right turn on red
7	0.0	11	Motorist backing from driveway fails to yield to cyclist
33	0.1	12	Motorist fails to stop at intersection controlled by stop sign
Motorist Overtakes Bicyclist			
26	0.0	13	Motorist fails to detect cyclist
2	0.0	14	Motorist loses control of vehicle
7	0.0	15	Motorist and cyclist counteract each other's evasive action
10	0.0	16	Motorist misjudges space required to pass cyclist
3	0.0	17	Cyclist's path obstructed; cyclist strikes obstruction or motorist
Bicyclist Makes Unexpected Turn or Swerve			
19	0.0	18	Cyclist turns left in front of motorist - same direction
10	0.0	19	Cyclist turns left in front of motorist - opposite direction
13	0.0	20	Cyclist loses control and swerves into path - same direction
2	0.0	21	Cyclist riding on wrong side of street makes right turn in path of approaching motorist
Motorist Makes Unexpected Turn			
8	0.0	22	Motorist makes left turn in front of cyclist - same direction
80	0.1	23	Motorist makes left turn in front of cyclist - opposite direction
60	0.1	24	Motorist makes right turn in front of cyclist; parallel path, either direction

Variable 26:PED/CYCLIST ACC TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
Other/Infrequent			
18	0.0	25	Vehicles collided at uncontrolled intersection; crossing paths
46	0.1	26	Vehicles collide head-on; wrong-way bicyclist
20	0.0	27	Bicyclist overtaking motor vehicle
2	0.0	28	Vehicles collide head-on; wrong-way motorist
4	0.0	29	Parking lot, other open area; crossing paths
4	0.0	30	Vehicles collide head-on; counteractive evasive action
9	0.0	31	Bicyclist cuts corner when turning left; crossing paths
4	0.0	32	Bicyclist swings wide when turning right; crossing paths
3	0.0	33	Motorist cuts corner when turning left; crossing paths
8	0.0	34	Motorist swings wide when turning right; crossing paths
6	0.0	35	Motorist drive out from on-street parking
0	0.0	36	Weird
0	0.0	37	Insufficient information to classify
83	0.1	39	Motorist overtaking (Cyclist)
0	0.0	40	Play vehicle (big wheel, tricycle, bicycle with training wheels)
0	0.0	41	Cyclist struck parked vehicle
42	0.1	48	Drive out - intersection
119	0.2	49	Ride out - intersection
50	0.1	55	Controlled intersection - other
8	0.0	97	Unknown
18	0.0	98	Parallel path - unknown
22	0.0	99	Intersecting path - unknown
Pedestrian Crash Types			
6	0.0	110	Commercial bus
6	0.0	120	School bus
13	0.0	130	Vendor
1	0.0	140	Mailbox related
14	0.0	150	Entering/exiting
20	0.0	210	Driverless vehicle
57	0.1	220	Backing
0	0.0	230	Hot pursuit
3	0.0	310	To/from disabled vehicle
6	0.0	320	Disabled vehicle related
0	0.0	330	Emergency vehicle related
10	0.0	410	Working on roadway
33	0.1	420	Play vehicle related
6	0.0	430	Playing in roadway
0	0.0	510	Hitchhiking
2	0.0	520	Expressway crossing
50	0.1	531	Walking along roadway - with traffic
10	0.0	532	Walking along roadway - against traffic
2	0.0	539	Walking along roadway - can't specify
8	0.0	610	Waiting to cross
45	0.1	620	Not in roadway
14	0.0	710	Multiple threat intersection
266	0.5	720	Vehicle turn/merge
51	0.1	730	Intersection dash
11	0.0	740	Trapped

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

FREQ	Prcnt	Code	Value and Description
3	0.0	750	Pedestrian walked into vehicle - intersection
26	0.0	760	Driver violation
303	0.5	790	Intersection - other
7	0.0	810	Multiple threat - midblock
78	0.1	821	Midblock dart-out - first half
24	0.0	822	Midblock dart-out - second half
29	0.1	829	Midblock dart-out - can't specify
175	0.3	830	Midblock dash
8	0.0	840	Pedestrian walked into vehicle - midblock
454	0.8	890	Midblock - other
21	0.0	910	Other - weird
18	0.0	920	Inadequate information

## Pedestrian's in Wheel Chair Crash Types

1	0.0	1710	Multiple threat / Intersection
2	0.0	1720	Vehicle turn / merge
0	0.0	1730	Intersection dash
2	0.0	1790	Intersection - other
2	0.0	1890	Midblock - other
3	0.0	9998	Type unknown

---

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

---

## Maximum injury severity in crash

FREQ	Prcnt	Code	Value and Description
26354	47.0	0	No Injury
11057	19.7	1	Possible Injury
11121	19.8	2	Nonincapacitating
4942	8.8	3	Incapacitating
506	0.9	4	Fatal
334	0.6	5	Unknown Injury Severity
2	0.0	6	Died Prior
38	0.1	8	No Person Coded in Crash
1676	3.0	9	Unknown

---

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

---

## Number of injured persons in crash

FREQ	Prcnt	Code	Value and Description
27044	48.3	0	None



Variable 28:NUM INJ PERSONS IN ACC (Continued)

FREQ	Prcnt	Code	Value and Description
18437	32.9	1	- Actual number of people injured
1	0.0	27	
38	0.1	98	No Person Coded
988	1.8	99	Unknown

---

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

---

Was alcohol usage involved in the crash?

FREQ	Prcnt	Code	Value and Description
3468	6.2	1	Alcohol Involved
51504	91.9	2	No Alcohol Involved
1058	1.9	9	Unknown

---

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

---

Police Jurisdiction codes repeated in each PSU.

---

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

---

FREQ	Prcnt	Code	Value and Description
26383	47.1	1	Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
9282	16.6	2	Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
6456	11.5	3	Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
13909	24.8	4	Group 4 - All other crashes

---

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

---

General Estimates System (GES)  
1996 - Accident

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

FREQ	Prcnt	Code	Value and Description
------	-------	------	-----------------------

8029	14.3	1	Northeast
15920	28.4	2	Midwest
22432	40.0	3	South
9649	17.2	4	West

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

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

FREQ	Prcnt	Code	Value and Description
------	-------	------	-----------------------

55318	98.7	0	No
712	1.3	1	Yes

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

National Highway System (NHS) Roadway Type

FREQ	Prcnt	Code	Value and Description
------	-------	------	-----------------------

45063	80.4	0	Not NHS roadway
-------	------	---	-----------------

Urban

3192	5.7	1	Eisenhower Interstate System (EIS)
4	0.0	2	Congressional high priority route
71	0.1	3	Strategic Highway Network (STRAHNET) route
10	0.0	4	STRAHNET major connector
1035	1.8	5	Other NHS route
7	0.0	9	Unknown urban route

Rural

499	0.9	11	EIS
84	0.1	12	Congressional high priority route
4	0.0	13	STRAHNET route
1	0.0	14	STRAHNET major connector
759	1.4	15	Other NHS route
201	0.4	19	Unknown rural route

Urban or Rural

2752	4.9	21	EIS
169	0.3	22	Congressional high priority route
185	0.3	23	STRAHNET route

Variable 36:NHS ROADWAY TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
6	0.0	24	STRAHNET major connector
1582	2.8	25	Other NHS route
333	0.6	98	Unknown if urban or rural
73	0.1	99	Unknown if NHS route

Imputed ACCIDENT Variables

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

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

Imputed alcohol involved in crash

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
4235	7.6	1	Alcohol Involved
51795	92.4	2	No Alcohol Involved

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
49903	89.1	1	Straight
6127	10.9	2	Curve

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
------	-------	------	-----------------------

## Variable 39:IMP FIRST HARMFUL EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
NonCollision			
1607	2.9	1	Rollover/Overturn
50	0.1	2	Fire/Explosion
19	0.0	3	Immersion
173	0.3	5	Jackknife
106	0.2	6	Noncollision injury (injured in vehicle, or fell from vehicle)
401	0.7	8	Other noncollision
5	0.0	9	Noncollision - No details
22	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1675	3.0	21	Pedestrian
1268	2.3	22	Cycle or cyclist (pedalcycle or pedalcyclist)
39	0.1	23	Railway train
1240	2.2	24	Animal
37945	67.7	25	Motor vehicle in transport
1952	3.5	26	Parked motor vehicle (or other mv not in transport)
48	0.1	27	Other type nonmotorist
185	0.3	28	Other object not fixed
5	0.0	29	Object not fixed - no details
Collision with Fixed Object			
10	0.0	31	Ground
114	0.2	32	Building
18	0.0	33	Impact attenuator or crash cushion
193	0.3	34	Bridge Structure (pier/abutment/parapet end/rail)
1046	1.9	35	Guardrail
766	1.4	36	Concrete traffic barrier or other longitudinal barrier type
1787	3.2	37	Post, Pole or Support (sign post, utility post)
1256	2.2	38	Culvert or Ditch
575	1.0	39	Curb
690	1.2	40	Embankment
413	0.7	41	Fence
196	0.3	42	Wall
88	0.2	43	Fire hydrant
42	0.1	44	Shrubbery or bush
1349	2.4	45	Tree
65	0.1	46	Boulder
54	0.1	50	Pavement Surface Irregularity (ruts, potholes, grates, plates, etc.)
549	1.0	58	Other fixed object
79	0.1	59	Fixed object - No details

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
1037	1.9	0	12:01 am - 12:59 am
954	1.7	1	1:00 am - 1:59 am
944	1.7	2	2:00 am - 2:59 am
631	1.1	3	3:00 am - 3:59 am
594	1.1	4	4:00 am - 4:59 am
751	1.3	5	5:00 am - 5:59 am
1398	2.5	6	6:00 am - 6:59 am
2884	5.1	7	7:00 am - 7:59 am
2876	5.1	8	8:00 am - 8:59 am
2369	4.2	9	9:00 am - 9:59 am
2485	4.4	10	10:00 am - 10:59 am
2994	5.3	11	11:00 am - 11:59 am
3424	6.1	12	12:00 pm - 12:59 pm
3136	5.6	13	1:00 pm - 1:59 pm
3658	6.5	14	2:00 pm - 2:59 pm
4394	7.8	15	3:00 pm - 3:59 pm
4275	7.6	16	4:00 pm - 4:59 pm
4570	8.2	17	5:00 pm - 5:59 pm
3275	5.8	18	6:00 pm - 6:59 pm
2539	4.5	19	7:00 pm - 7:59 pm
1884	3.4	20	8:00 pm - 8:59 pm
1872	3.3	21	9:00 pm - 9:59 pm
1612	2.9	22	10:00 pm - 10:59 pm
1452	2.6	23	11:00 pm - 11:59 pm
22	0.0	24	12:00 Midnight

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
38651	69.0	1	Daylight
6529	11.7	2	Dark
8694	15.5	3	Dark, but lighted
770	1.4	4	Dawn
1386	2.5	5	Dusk
0	0.0	6	Dawn or Dusk

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
18065	32.2	0	Not collision with vehicle in transport
13912	24.8	1	Rear-end
1031	1.8	2	Head-on
10	0.0	3	Rear-to-rear
20389	36.4	4	Angle
2244	4.0	5	Sideswipe, same direction
349	0.6	6	Sideswipe, opposite direction
30	0.1	8	Other

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
27716	49.5	0	No Injury
11217	20.0	1	Possible Injury
11218	20.0	2	Nonincapacitating
4982	8.9	3	Incapacitating
510	0.9	4	Fatal
347	0.6	5	Unknown Injury Severity
2	0.0	6	Died Prior
38	0.1	8	No Person Coded in Crash

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
5672	10.1	0	- Minute
343	0.6	59	

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

This variable was imputed by NHTSA

Variable 45:I NUM INJ PERSONS IN ACC (Continued)

FREQ	Prcnt	Code	Value and Description
27756	49.5	0	None
18605	33.2	1	
		-	Actual number of people injured
1	0.0	27	

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
42176	75.3	1	Level
12735	22.7	2	Grade
952	1.7	3	Hillcrest
167	0.3	8	Other

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
Non -Interchange Area			
26510	47.3	0	Non-junction
16381	29.2	1	Intersection
5668	10.1	2	Intersection Related
5077	9.1	3	Driveway, Alley Access, Etc.
115	0.2	4	Entrance/Exit Ramp
114	0.2	5	Rail Grade Crossing
300	0.5	6	On a Bridge
260	0.5	8	Other, Non-interchange
Interchange Area			
195	0.3	10	Non-junction
353	0.6	11	Intersection
236	0.4	12	Intersection Related
6	0.0	13	Driveway Access
741	1.3	14	Entrance/Exit Ramp
66	0.1	16	On a Bridge
8	0.0	18	Other Location in Interchange

Variable 48	IMPUTED SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
66	0.1	0	No statutory limit (parking lot, alley, etc.)
9	0.0	5	- Actual speed limit
161	0.3	75	

Variable 49	IMP ROADWAY SURFACE COND	Width: 1	Type: Numeric
		Dec: None	Miss: 9

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
40839	72.9	1	Dry
10910	19.5	2	Wet
1377	2.5	3	Snow or slush
2650	4.7	4	Ice
108	0.2	5	Sand, dirt, oil
146	0.3	8	Other

Variable 50	I TRAFFIC CONTROL DEVICE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
37705	67.3	0	No controls
Not at Railroad Grade Crossing			
10093	18.0	1	Traffic control signal (on colors)
217	0.4	4	Flashing traffic control signal or flashing beacon
64	0.1	8	Other traffic signal
15	0.0	9	Unknown traffic signal
Regulatory, School Zone or Warning Signs:			
5874	10.5	21	Stop sign
551	1.0	22	Yield sign
5	0.0	23	School zone related sign
512	0.9	28	Other sign
6	0.0	29	Unknown sign
Warning sign			
43	0.1	40	Advisory Speed Sign
19	0.0	41	Warning Sign for Road Conditions (hill, steep grade, etc.)
49	0.1	42	Warning Sign for Road Construction



Variable 50:I TRAFFIC CONTROL DEVICE (Continued)

FREQ	Prcnt	Code	Value and Description
4	0.0	43	Warning Sign for Environment/Traffic (fog ahead, wind, crash ahead)
128	0.2	49	Unknown Type Warning
Miscellaneous not at Railroad Crossing:			
105	0.2	51	Officer, Crossing guard, Flagman, etc.
Not at Railroad Grade Crossing			
55	0.1	61	Active devices (gates, flashing lights, traffic signal)
29	0.1	62	Passive devices (stop sign, cross-bucks)
Other/Unknown			
189	0.3	97	Traffic control present - no details
367	0.7	98	Other traffic control (whether or not at RR grade crossing)

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
45996	82.1	1	No adverse atmospheric related driving conditions
7048	12.6	2	Rain
278	0.5	3	Sleet
2075	3.7	4	Snow
314	0.6	5	Fog
18	0.0	6	Rain and fog
7	0.0	7	Sleet and fog
294	0.5	8	Other (smog, smoke, blowing sand/dust/snow, crosswind, hail)

---

Variable 52      FILLER      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

---



The VEHICLE/DRIVER Variables

Variables 101 through 164 describe the vehicle and its driver. The Vehicle/Driver data set contains these variables, along with the Accident variables on a vehicle level.

Variable 101	CASE NUMBER	Width: 8	Type: Numeric
		Dec: None	Miss: None

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

FREQ	Prcnt	Code	Value and Description
56030	55.6	1	Vehicle #1
38807	38.5	2	Vehicle #2
4779	4.7	3	Vehicle #3
926	0.9	4	Vehicle #4
205	0.2	5	Vehicle #5
69	0.1	6	Vehicle #6
26	0.0	7	Vehicle #7
10	0.0	8	Vehicle #8
3	0.0	9	Vehicle #9
2	0.0	10	Vehicle #10
2	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12
1	0.0	13	Vehicle #13

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

FREQ	Prcnt	Code	Value and Description
361	0.4	0	Unattended vehicle (driverless or no driver involved)
95888	95.1	1	Driver operated vehicle
4612	4.6	2	Hit-and-run
0	0.0	9	Unknown driver presence

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

FREQ	Prcnt	Code	Value and Description
71653	71.0	0	None
1650	1.6	1	Alcohol or drugs

## Variable 104:VIOLATIONS CHARGED (Continued)

FREQ	Prcnt	Code	Value and Description
3323	3.3	2	Speeding
110	0.1	3	Alcohol or drugs and speeding
637	0.6	4	Reckless driving
434	0.4	5	Driving with a suspended or revoked license
4351	4.3	6	Failure to yield right-of-way
1457	1.4	7	Running a traffic signal or stop sign
3923	3.9	50	Hit & run (and no information)
4009	4.0	97	Violation charged - no details
9113	9.0	98	Other violation
201	0.2	99	Unknown

---

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

---

## Driver's vision obscured by

FREQ	Prcnt	Code	Value and Description
94285	93.5	0	No obstruction
197	0.2	1	Rain, snow, fog, smoke, sand, dust
238	0.2	2	Reflected glare, bright sunlight, headlights
128	0.1	3	Curve, hill
60	0.1	4	Building, billboard, or other design features (includes signs, embankment)
116	0.1	5	Trees, crops, vegetation
397	0.4	6	Moving vehicle (including load)
495	0.5	7	Parked vehicle
3	0.0	8	Splash or spray of passing vehicle
5	0.0	9	Inadequate defrost or defog system
3	0.0	10	Inadequate lighting system
0	0.0	11	Obstruction interior to vehicle
0	0.0	12	Mirrors
0	0.0	13	Head restraints
32	0.0	14	Broken or improperly cleaned windshield
50	0.0	15	Fog
4127	4.1	50	Hit-and-run vehicle
137	0.1	97	Vision obscured - no details
92	0.1	98	Other obstruction
496	0.5	99	Unknown whether vision was obscured

---

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

---

## Driver maneuvered to avoid

FREQ	Prcnt	Code	Value and Description
93396	92.6	0	Driver did not maneuver to avoid

Variable 106:DRIVER MANEUVER TO AVOID (Continued)

FREQ	Prcnt	Code	Value and Description
97	0.1	1	Object in road
10	0.0	2	Poor road conditions (puddle, ice, pothole, etc.)
308	0.3	3	Animal in road
2502	2.5	4	Vehicle in road
123	0.1	5	Pedestrian, pedalcyclist, or other non-motorist in road
4147	4.1	50	Hit & run (and no information)
3	0.0	97	Avoidance Maneuver - no details
275	0.3	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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FREQ	Prcnt	Code	Value and Description
94214	93.4	0	Not distracted
115	0.1	1	Passengers, occupants
71	0.1	2	Vehicle instrument display (radio, cassette, CB, heating/AC)
17	0.0	3	Phone
1922	1.9	4	Other internal distractions
7	0.0	5	Other crash ("rubbernecking")
68	0.1	6	Other external distractions
4073	4.0	50	Hit & run (and no information)
129	0.1	97	Distractions - no details
245	0.2	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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FREQ	Prcnt	Code	Value and Description
96247	95.4	0	No, did not leave scene
4612	4.6	1	Yes, driver or car and driver left scene
2	0.0	9	Unknown

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

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FREQ	Prcnt	Code	Value and Description
89	0.1	1	American Motors
1481	1.5	2	Jeep (includes Kaiser-Jeep)
19	0.0	3	AM General
1383	1.4	6	Chrysler
4986	4.9	7	Dodge
2	0.0	8	Imperial

## Variable 109:MAKE (Continued)

FREQ	Prcnt	Code	Value and Description
2299	2.3	9	Plymouth
256	0.3	10	Eagle
18030	17.9	12	Ford
1004	1.0	13	Lincoln
2678	2.7	14	Mercury
3629	3.6	18	Buick
1510	1.5	19	Cadillac
16364	16.2	20	Chevrolet
3967	3.9	21	Oldsmobile
4208	4.2	22	Pontiac
2790	2.8	23	GMC
633	0.6	24	Saturn
31	0.0	25	Grumman
2	0.0	29	Other domestic
883	0.9	30	Volkswagen
9	0.0	31	Alfa Romeo
142	0.1	32	Audi
1	0.0	33	Austin/Austin Healey
439	0.4	34	BMW
4626	4.6	35	Nissan/Datsun
8	0.0	36	Fiat
4531	4.5	37	Honda
671	0.7	38	Isuzu
81	0.1	39	Jaguar
0	0.0	40	Lancia
2002	2.0	41	Mazda
452	0.4	42	Mercedes Benz
6	0.0	43	MG
24	0.0	44	Peugeot
43	0.0	45	Porsche
36	0.0	46	Renault
157	0.2	47	Saab
589	0.6	48	Subaru
6077	6.0	49	Toyota
10	0.0	50	Triumph
755	0.7	51	Volvo
1014	1.0	52	Mitsubishi
296	0.3	53	Suzuki
586	0.6	54	Acura
723	0.7	55	Hyundai
16	0.0	56	Merkur
8	0.0	57	Yugo
117	0.1	58	Infiniti
196	0.2	59	Lexus
23	0.0	60	Daihatsu
12	0.0	61	Sterling
21	0.0	62	Land Rover
24	0.0	63	KIA
6	0.0	69	Other foreign
1	0.0	70	BSA
3	0.0	71	Ducati
228	0.2	72	Harley-Davidson

Variable 109:MAKE (Continued)

FREQ	Prcnt	Code	Value and Description
186	0.2	73	Kawasaki
1	0.0	74	Moto-Guzzi
0	0.0	75	Norton
179	0.2	76	Yamaha
6	0.0	78	Moped (other than listed manufacturers)
14	0.0	79	Other motorcycle
3	0.0	80	Brockway
6	0.0	81	Diamond Reo, Reo
2145	2.1	82	Freightliner, White
1	0.0	83	FWD
2269	2.2	84	International Harvester/Navistar
948	0.9	85	Kenworth
1004	1.0	86	Mack
936	0.9	87	Peterbilt
10	0.0	88	Iveco/Magirus
351	0.3	98	Other (truck or bus)
2625	2.6	99	Unknown make

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

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FREQ	Prcnt	Code	Value and Description
American Motors			
1	0.0	1001	Rambler/American
1	0.0	1002	Rebel/Matador
0	0.0	1003	Ambassador
0	0.0	1004	Pacer
0	0.0	1005	AMX
0	0.0	1006	Javelin
11	0.0	1007	Hornet/Concord
5	0.0	1008	Spirit/Gremlin
10	0.0	1009	Eagle
0	0.0	1010	Eagle SX-4
0	0.0	1398	Other (automobile)
61	0.1	1399	Unknown (automobile)
0	0.0	1998	Other (vehicle)
0	0.0	1999	Unknown (vehicle)
Jeep			
1	0.0	2401	CJ-2/CJ-3/CJ-4
46	0.0	2402	CJ-5/CJ-6/CJ-7/CJ-8
142	0.1	2403	YJ-Wrangler
532	0.5	2404	Cherokee (84 on)
7	0.0	2421	Cherokee (thru 83)
26	0.0	2431	Grand Wagoneer
18	0.0	2481	Pickup
11	0.0	2482	Comanche
0	0.0	2498	Other Light Truck
698	0.7	2499	Unk Light Truck

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	2999	Unknown vehicle
AM General			
7	0.0	3401	Dispatcher (Post Office Jeep)
1	0.0	3421	Hummer
1	0.0	3466	Dispatcher DJ
0	0.0	3498	Other Light Truck
7	0.0	3499	Unk Light Truck
1	0.0	3884	Med/Hvy Truck
0	0.0	3898	Other Med/Hvy Truck
0	0.0	3899	Unk Med/Hvy Truck
0	0.0	3983	Bus rear engine
0	0.0	3988	Other Bus
0	0.0	3989	Unknown bus type
2	0.0	3999	Unknown vehicle
Chrysler			
13	0.0	6009	Cordoba
156	0.2	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
59	0.1	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
18	0.0	6015	Laser
130	0.1	6016	Lebaron
0	0.0	6017	Lebaron GTS/GTC
1	0.0	6031	TC Maserati Sport
3	0.0	6035	Conquest
42	0.0	6041	Concorde
22	0.0	6042	LHS
18	0.0	6043	Sebring
17	0.0	6044	Cirrus
0	0.0	6398	Other Auto
844	0.8	6399	Unk Auto
30	0.0	6441	Town & Country (Minivan)
2	0.0	6498	Other Light Truck
19	0.0	6499	Unk Light Truck
9	0.0	6999	Unknown vehicle
Dodge			
19	0.0	7001	Dart
3	0.0	7002	Coronet/Magnum/Charger(thru 78)
3	0.0	7003	Polara/Monaco/Royal Monaco
0	0.0	7004	Viper
2	0.0	7005	Challenger
22	0.0	7006	Aspen
29	0.0	7007	Diplomat
80	0.1	7008	Omni/Charger(83 on)
1	0.0	7009	Mirada
0	0.0	7010	St Regis
89	0.1	7011	Aries (K)
3	0.0	7012	400
0	0.0	7013	Rampage (car based pickup)
28	0.0	7014	600
90	0.1	7015	Daytona



Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
20	0.0	7016	Lancer
222	0.2	7017	Shadow
112	0.1	7018	Dynasty
112	0.1	7019	Spirit
149	0.1	7020	Neon
1	0.0	7033	Challenger (import)
64	0.1	7034	Colt (excludes Vista)
2	0.0	7035	Conquest
21	0.0	7039	Stealth
6	0.0	7040	Monaco
109	0.1	7041	Intrepid
25	0.0	7042	Avenger
43	0.0	7043	Stratus
0	0.0	7398	Other Auto
1228	1.2	7399	Unk Auto
12	0.0	7401	Raider
35	0.0	7421	Ramchager
4	0.0	7441	Vista
451	0.4	7442	Caravan
42	0.0	7461	B-series Van
1	0.0	7470	Van Derivative
27	0.0	7471	D50,Colt Pickup,Ram 50/100
199	0.2	7472	Dakota
95	0.1	7481	D,W-series Pickup
54	0.1	7482	Ram 1500/2500/3500 P/U
0	0.0	7498	Other lt Truck
1455	1.4	7499	Unk lt Truck
1	0.0	7850	Truck base motorhome
0	0.0	7881	Med/hvy CBE
0	0.0	7882	DODGE Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
4	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
0	0.0	7898	Other med/hvy truck
16	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium Bus (not van based)
0	0.0	7988	Other Bus
3	0.0	7989	Unknown Bus
0	0.0	7998	Other Veh
104	0.1	7999	Unknown veh
Imperial			
0	0.0	8010	Imperial
0	0.0	8398	Other Auto
2	0.0	8399	Unk Auto
0	0.0	8999	Unk Veh
Plymouth			
17	0.0	9001	Valiant/Scamp/Duster(thru 76)
6	0.0	9002	Satellite/Belvedere
6	0.0	9003	Fury
17	0.0	9004	Gran Fury

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
1	0.0	9005	Barracuda
9	0.0	9006	Volare
25	0.0	9007	Caravelle
129	0.1	9008	Horizon
109	0.1	9011	Reliant (K)
1	0.0	9013	Scamp-auto based pickup
160	0.2	9017	Sundance
120	0.1	9019	Acclaim
110	0.1	9020	Neon
0	0.0	9031	Cricket
5	0.0	9032	Arrow
1	0.0	9033	Sapporo import
46	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
47	0.0	9037	Laser
11	0.0	9038	Breeze
0	0.0	9039	Prowler
0	0.0	9398	Other Auto
843	0.8	9399	Unk Auto
1	0.0	9421	Trailduster
1	0.0	9441	Vista
144	0.1	9442	Voyager (minivan)
6	0.0	9461	B-series Van (fullsize)
3	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other lt truck
433	0.4	9499	Unk lt truck
48	0.0	9999	Unknown vehicle
Eagle			
31	0.0	10034	Summit
69	0.1	10037	Talon
19	0.0	10040	Premier
17	0.0	10041	Vision
3	0.0	10044	Medallion
1	0.0	10398	Other Auto
114	0.1	10399	Unk Auto
1	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck
1	0.0	10999	Unk vehicle
Ford			
4	0.0	12001	Falcon
8	0.0	12002	Fairlane
792	0.8	12003	Mustang/Mustang II
505	0.5	12004	Thunderbird
20	0.0	12005	Ltd II
217	0.2	12006	Ltd/Galaxy/Custom
3	0.0	12007	Ranchero
15	0.0	12008	Maverick
11	0.0	12009	Pinto
9	0.0	12010	Torino/Gran Torino/Elite

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Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
41	0.0	12011	Granada
68	0.1	12012	Fairmont
1152	1.1	12013	Escort/EXP
602	0.6	12015	Tempo
255	0.3	12016	Crown Victoria
967	1.0	12017	Taurus
277	0.3	12018	Probe
1	0.0	12031	English Ford
7	0.0	12032	Fiesta
71	0.1	12033	Festiva
1	0.0	12034	Laser
85	0.1	12035	Contour
42	0.0	12036	Aspire
0	0.0	12398	Other Auto
4002	4.0	12399	Unk Auto
581	0.6	12401	Bronco II/Bronco(thru 77)/Explorer
124	0.1	12421	Bronco-fullsize (78 on)
1	0.0	12422	Expedition
376	0.4	12441	Aerostar
89	0.1	12442	Windstar
364	0.4	12461	E-series Van
1	0.0	12470	Van derivative
825	0.8	12471	Ranger
10	0.0	12472	Courier
1568	1.6	12481	F-series Pickup
2	0.0	12498	Other lt truck
3317	3.3	12499	Unk lt truck
1	0.0	12850	M/H truck based motorhome
40	0.0	12881	Med/Hvy CBE
1	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
417	0.4	12884	Med/Hvy unk engine location
5	0.0	12890	Med/Hvy COE unk entry position
31	0.0	12898	Other Med/Hvy truck
640	0.6	12899	Unk Med/Hvy truck
0	0.0	12981	Medium Bus
6	0.0	12988	Other Bus
36	0.0	12989	Unknown bus type
17	0.0	12998	Other Vehicle
423	0.4	12999	Unknown vehicle
Lincoln			
374	0.4	13001	Town Car/Continental
59	0.1	13002	Mark I - VIII
60	0.1	13005	Continental (82 on)
5	0.0	13011	Versailles
0	0.0	13398	Other Auto
506	0.5	13399	Unk Auto
0	0.0	13999	Unk vehicle
Mercury			
0	0.0	14002	Cyclone

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
17	0.0	14003	Capri-domestic
318	0.3	14004	Cougar/XR7
322	0.3	14006	Marquis/Monterey
4	0.0	14008	Comet
4	0.0	14009	Bobcat
1	0.0	14010	Montego
2	0.0	14011	Monarch
11	0.0	14012	Zephyr
35	0.0	14013	Lynx/LN7 (82-83)
206	0.2	14015	Topaz
270	0.3	14017	Sable
12	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
131	0.1	14036	Tracer
34	0.0	14037	Mystique
0	0.0	14398	Other Auto
1208	1.2	14399	Unknown Auto
3	0.0	14401	Mountaineer
77	0.1	14443	Villager
8	0.0	14499	Unk lt truck
1	0.0	14998	Other vehicle
14	0.0	14999	Unknown vehicle
Buick			
6	0.0	18001	Special/Skylark
419	0.4	18002	Lesabre/Wildcat/Centurion
260	0.3	18003	Electra/Electra 225/Park Avenue (91 on)
32	0.0	18004	Roadmaster
94	0.1	18005	Riviera
359	0.4	18007	Century
3	0.0	18008	Apollo/Skylark (75)
229	0.2	18010	Regal
46	0.0	18012	Skyhawk
47	0.0	18015	Skylark (76-85)
197	0.2	18018	Somerset/Skylark(86 on)
165	0.2	18020	Regal FWD
2	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
0	0.0	18398	Other Auto
1769	1.8	18399	Unk Auto
0	0.0	18999	Unk vehicle
Cadillac			
523	0.5	19003	Deville/Fleetwood (except Limousine)
9	0.0	19004	Limousine
96	0.1	19005	Eldorado
0	0.0	19006	Commercial Series
3	0.0	19009	Allante'
119	0.1	19014	Seville

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
21	0.0	19016	Cimarron
0	0.0	19398	Other Auto
739	0.7	19399	Unk Auto
0	0.0	19999	Unk vehicle
Chevrolet			
127	0.1	20001	Malibu/Chevelle
714	0.7	20002	Caprice/Impala
61	0.1	20004	Corvette
1	0.0	20006	Corvair
61	0.1	20007	El Camino
75	0.1	20008	Nova (-79)
578	0.6	20009	Camaro
193	0.2	20010	Monte Carlo
0	0.0	20011	Vega
3	0.0	20012	Monza
64	0.1	20013	Chevette
50	0.0	20015	Citation
1015	1.0	20016	Cavalier
429	0.4	20017	Celebrity
723	0.7	20019	Baretta/Corsica
381	0.4	20020	Lumina
69	0.1	20031	Spectrum
324	0.3	20032	Nova/Geo Prizm
27	0.0	20033	Sprint/Geo Sprint
222	0.2	20034	Geo Metro
105	0.1	20035	Geo Storm
36	0.0	20036	Monte Carlo (FWD only)
1	0.0	20398	Other Auto
4187	4.2	20399	Unk Auto
82	0.1	20401	S-10 Blazer
90	0.1	20402	Geo Tracker
63	0.1	20421	Blazer-fullsize
331	0.3	20431	Suburban
303	0.3	20441	Astro Van
66	0.1	20442	Lumina APV
77	0.1	20461	G-series Van
0	0.0	20466	P-series Van
0	0.0	20470	Van Derivative
711	0.7	20471	S-10,T-10
5	0.0	20472	LUV imported PU
1033	1.0	20481	C,K,R,V-series Pickup
3	0.0	20498	Other lt truck
3729	3.7	20499	Unk lt truck
0	0.0	20850	M/H truck based motorhome
1	0.0	20881	Med/Hvy CBE
0	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
20	0.0	20884	Med/Hvy Unk engine location
2	0.0	20890	Med/Hvy COE Unk entry position
2	0.0	20898	Other med/hvy trk
163	0.2	20899	Unk med/hvy trk

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	20981	Bus S-60 series
4	0.0	20988	Other Bus
25	0.0	20989	Unknown bus type
0	0.0	20998	Other Vehicle
206	0.2	20999	Unknown vehicle
Oldsmobile			
640	0.6	21001	Cutlass (RWD only)
428	0.4	21002	Delta 88
260	0.3	21003	Ninety-Eight
47	0.0	21005	Toronado
0	0.0	21006	Commercial Series
1	0.0	21012	Starfire
23	0.0	21015	Omega
26	0.0	21016	Firenza
117	0.1	21017	Ciera
85	0.1	21018	Calais
396	0.4	21020	Cutlass (FWD)
62	0.1	21021	Achieva
16	0.0	21022	Aurora
0	0.0	21398	Other Auto
1807	1.8	21399	Unknown Auto
15	0.0	21401	Bravada
23	0.0	21441	Silhouette
0	0.0	21498	Other lt trk
13	0.0	21499	Unk lt trk
0	0.0	21998	Other vehicle
8	0.0	21999	Unknown vehicle
Pontiac			
29	0.0	22001	Lemans/Tempest (thru 79)
332	0.3	22002	Bonneville/Catalina/Parisienne
52	0.1	22005	Fiero
3	0.0	22008	Ventura
279	0.3	22009	Firebird/Trans AM
82	0.1	22010	Grand Prix RWD
1	0.0	22011	Astre
4	0.0	22012	Sunbird (thru 80)
11	0.0	22013	T-1000/1000
9	0.0	22015	Phoenix
317	0.3	22016	J2000/2000/Sunbird(84 on)
174	0.2	22017	6000
695	0.7	22018	Grand AM
211	0.2	22020	Grand Prix FWD
46	0.0	22031	Lemans (88 on)
0	0.0	22398	Other Auto
1895	1.9	22399	Unk Auto
26	0.0	22441	Trans Sport
0	0.0	22498	Other lt trk
30	0.0	22499	Unk lt trk
12	0.0	22999	Unknown vehicle

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
GMC			
0	0.0	23007	Caballero/Sprint
0	0.0	23398	Other Auto
174	0.2	23399	Unk Auto
50	0.0	23401	Jimmy/Typhoon S-15 based
18	0.0	23421	Jimmy fullsize/Yukon
96	0.1	23431	Suburban
84	0.1	23441	Safari (Minivan)
50	0.0	23461	G-series Van
0	0.0	23466	P-series Van
0	0.0	23470	Van Derivative
131	0.1	23471	S15/T15/Somona
302	0.3	23481	C,K,R,V-series Pickup
1	0.0	23498	Other lt truck
1046	1.0	23499	Unk lt truck
53	0.1	23881	Med/Hvy CBE
0	0.0	23882	Med/Hvy COE low entry
2	0.0	23883	Med/Hvy COE high entry
298	0.3	23884	Med/Hvy Unk engine location
6	0.0	23890	Med/Hvy COE Unk entry postion
12	0.0	23898	Other med/hvy trk
319	0.3	23899	Unk med/hvy trk
1	0.0	23981	Bus B6000
6	0.0	23988	Other Bus
33	0.0	23989	Unknown bus type
2	0.0	23998	Other Vehicle
106	0.1	23999	Unknown vehicle
Saturn			
193	0.2	24001	SL
50	0.0	24002	SC
3	0.0	24003	SW
0	0.0	24398	Other Auto
387	0.4	24399	Unk Auto
0	0.0	24999	Unk vehicle
Grumman			
17	0.0	25441	LLV
1	0.0	25442	Step-in van
1	0.0	25498	Other lt truck
6	0.0	25499	Unk lt truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry
0	0.0	25883	Med/Hvy COE high entry
0	0.0	25884	Med/Hvy Unk engine location
0	0.0	25890	Med/Hvy COE Unk entry postion
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk
0	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other Bus
1	0.0	25989	Unknown bus type
5	0.0	25999	Unk vehicle

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
			Other Domestic
0	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
1	0.0	29398	Other make
1	0.0	29399	Unknown make
			Volkswagen
2	0.0	30031	Karmann Ghia
11	0.0	30032	Beetle 1300/1500
2	0.0	30033	Super Beetle
1	0.0	30034	411/412
2	0.0	30035	Squareback/Fastback
42	0.0	30036	Rabbit
0	0.0	30037	Dasher
13	0.0	30038	Scirocco
131	0.1	30040	Jetta
18	0.0	30041	Quantum
72	0.1	30042	Golf
0	0.0	30043	Rabbit Pickup
33	0.0	30044	Fox
3	0.0	30045	Corrado
17	0.0	30046	Passat
54	0.1	30047	Jetta III
14	0.0	30048	Golf III
1	0.0	30398	Other Auto
424	0.4	30399	Unk Auto
0	0.0	30401	The Thing (181)
10	0.0	30441	Vanagon/Camper
2	0.0	30442	Eurovan
0	0.0	30498	Other lt truck
25	0.0	30499	Unk lt truck
0	0.0	30998	Other vehicle
6	0.0	30999	Unk vehicle
			Alfa Romeo
1	0.0	31031	Spider
3	0.0	31032	Sports Sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
1	0.0	31035	164
0	0.0	31398	Other Auto
4	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle
			Audi
1	0.0	32031	Super 90
12	0.0	32032	100/A6
0	0.0	32033	Fox
24	0.0	32034	4000
24	0.0	32035	5000
6	0.0	32036	80/90
0	0.0	32037	200



Variable 110:MAKE/MODEL (Continued)

FREQ Prcnt Code Value and Description

1	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
0	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
0	0.0	32042	A4
0	0.0	32043	A3
0	0.0	32044	A8
1	0.0	32398	Other Auto
73	0.1	32399	Unk Auto
0	0.0	32999	Unk vehicle
Austin/Austin Healey			
0	0.0	33031	Marina
0	0.0	33032	America
1	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle
BMW			
3	0.0	34031	1600,200Z
1	0.0	34032	Coupe
0	0.0	34033	Bavarian Sedan
150	0.1	34034	3-series
52	0.1	34035	5-series
4	0.0	34036	6-series
21	0.0	34037	7-series
1	0.0	34038	8-series
2	0.0	34039	Z3
0	0.0	34398	Other Auto
194	0.2	34399	Unk Auto
0	0.0	34701	0-50cc
0	0.0	34702	51-124cc
0	0.0	34704	350-449cc
0	0.0	34705	450-749cc
3	0.0	34706	750cc & over
7	0.0	34709	Unk cc
0	0.0	34799	Unk motorcycle
1	0.0	34999	Unk vehicle
Nissan/Datsun			
0	0.0	35031	F-10
185	0.2	35032	200SX/240SX
38	0.0	35033	B210/210/1200
176	0.2	35034	Z-car, ZX
4	0.0	35035	310
14	0.0	35036	510
1	0.0	35037	610
0	0.0	35038	710
434	0.4	35039	810/Maxima

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
153	0.2	35042	Stanza
698	0.7	35043	Sentra
61	0.1	35044	Pulsar
0	0.0	35045	Micra
7	0.0	35046	NX 1600/2000
205	0.2	35047	Altima
0	0.0	35398	Other Auto
1471	1.5	35399	Unk Auto
136	0.1	35401	Pathfinder
8	0.0	35441	Van
1	0.0	35442	Axxess
52	0.1	35443	Quest
694	0.7	35471	Pickup
2	0.0	35498	Other lt truck
199	0.2	35499	Unk lt truck
1	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other med/hvy truck
15	0.0	35899	Unk med/hvy truck
71	0.1	35999	Unk vehicle
Fiat			
0	0.0	36031	124 Coupe/Sedan
2	0.0	36032	124 Spider/Racer
1	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
1	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
4	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			
949	0.9	37031	Civic/CRX, del Sol
1459	1.4	37032	Accord
177	0.2	37033	Prelude
1	0.0	37034	600
0	0.0	37398	Other Auto
1514	1.5	37399	Unk Auto
28	0.0	37401	Passport
4	0.0	37441	Odyssey
0	0.0	37498	Other light trk
2	0.0	37499	Unk light trk
2	0.0	37701	0-50cc
6	0.0	37702	51-124cc

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
9	0.0	37703	125-349cc
2	0.0	37704	350-449cc
33	0.0	37705	450-749cc
46	0.0	37706	750cc & over
275	0.3	37709	Unk cc
0	0.0	37731	ATC/ATV 0-50cc
1	0.0	37732	ATC/ATV 51-124cc
4	0.0	37733	ATC/ATV 125-349cc
2	0.0	37734	ATC/ATV 350cc & over
6	0.0	37739	ATC/ATV Unk cc
4	0.0	37799	Unk motored cycle
7	0.0	37999	Unk vehicle
Isuzu			
18	0.0	38031	I-Mark
13	0.0	38032	Impulse
6	0.0	38033	Stylus
0	0.0	38398	Other Auto
126	0.1	38399	Unk Auto
77	0.1	38401	Trooper/Trooper II
96	0.1	38402	Rodeo
12	0.0	38403	Amigo
3	0.0	38441	Oasis
110	0.1	38471	P'up Pickup
0	0.0	38498	Other lt truck
91	0.1	38499	Unk lt truck
0	0.0	38881	Med/Hvy CBE
0	0.0	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
8	0.0	38884	Med/Hvy unk engine location
1	0.0	38890	Med/Hvy COE unk entry position
2	0.0	38898	Other med/hvy trk
65	0.1	38899	Unk med/hvy trk
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other Bus
0	0.0	38998	Other veh
43	0.0	38999	Unk vehicle
Jaguar			
5	0.0	39031	XJ-S Coupe
20	0.0	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
0	0.0	39398	Other Auto
56	0.1	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

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	40398	Other Auto
0	0.0	40399	Unk Auto
0	0.0	40999	Unk vehicle
			<b>Mazda</b>
1	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
85	0.1	41034	RX7
272	0.3	41035	GLC/323/Protege
0	0.0	41036	Cosmo
287	0.3	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
28	0.0	41043	929
86	0.1	41044	MX-6
37	0.0	41045	Miata
39	0.0	41046	MX-3
17	0.0	41047	Millenia
0	0.0	41398	Other auto
636	0.6	41399	Unk auto
10	0.0	41401	Navajo
83	0.1	41441	MPV
340	0.3	41471	Mazda Pickup
0	0.0	41498	Other lt truck
63	0.1	41499	Unk lt truck
18	0.0	41999	Unk vehicle
			<b>Mercedes Benz</b>
39	0.0	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
0	0.0	42032	230/280 SL 2-pass
17	0.0	42033	300/350/380/450/500/560 SL 2-pass
8	0.0	42034	350/380/420/450/560 SLC
1	0.0	42035	280/300 SEL
30	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
13	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
31	0.0	42039	190
0	0.0	42040	300
1	0.0	42041	400/500 E
11	0.0	42042	220/280 C
0	0.0	42398	Other auto
280	0.3	42399	Unk auto
3	0.0	42470	Van derivative
0	0.0	42498	Other lt truck
1	0.0	42499	Unk lt truck
0	0.0	42881	Med/Hvy CBE
0	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry

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Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Oth med/hvy trk
9	0.0	42899	Unk med/hvy trk
0	0.0	42981	Medium Bus
0	0.0	42988	Other Bus
6	0.0	42999	Unk vehicle
MG			
2	0.0	43031	Midget
1	0.0	43032	MGB (76-79)
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
3	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
9	0.0	44034	504/505
1	0.0	44035	604
2	0.0	44036	405
0	0.0	44398	Other auto
12	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			
6	0.0	45031	911
0	0.0	45032	912
3	0.0	45033	914
3	0.0	45034	924
2	0.0	45035	928
0	0.0	45036	930
11	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
0	0.0	45040	986
0	0.0	45398	Oth auto
18	0.0	45399	Unk auto
0	0.0	45999	Unk vehicle
Renault			
1	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
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
12	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
1	0.0	46044	Medallion
0	0.0	46045	Premier
0	0.0	46398	Other auto
22	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle
Saab			
58	0.1	47031	99/99E/900
1	0.0	47032	Sonnett
0	0.0	47033	95/96/97
9	0.0	47034	9000
0	0.0	47398	Other auto
89	0.1	47399	Unk auto
0	0.0	47999	Unk vehicle
Subaru			
92	0.1	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
0	0.0	48032	Star
0	0.0	48033	360
107	0.1	48034	Legacy
7	0.0	48035	XT/XT6
6	0.0	48036	Justy
4	0.0	48037	SVX
19	0.0	48038	Impreza
3	0.0	48043	Brat
0	0.0	48398	Other auto
351	0.3	48399	Unk auto
0	0.0	48999	Unk vehicle
Toyota			
14	0.0	49031	Corona
799	0.8	49032	Corolla
360	0.4	49033	Celica
61	0.1	49034	Supra
72	0.1	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
385	0.4	49038	Tercel
3	0.0	49039	Starlet
815	0.8	49040	Camry
30	0.0	49041	MR-2
44	0.0	49042	Paseo
26	0.0	49043	Avalon
0	0.0	49398	Other auto

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
1845	1.8	49399	Unk auto
167	0.2	49401	4-Runner
3	0.0	49402	RAV-4
28	0.0	49421	Landcruiser
95	0.1	49441	Minivan (84-90)/Previa (91 on)
705	0.7	49471	Pickup
40	0.0	49472	Takoma
23	0.0	49481	T-100
0	0.0	49498	Other lt truck
514	0.5	49499	Unk lt truck
48	0.0	49999	Unk vehicle
			Triumph
1	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
0	0.0	50034	TR6
0	0.0	50035	TR7/TR8
0	0.0	50036	Herald
0	0.0	50037	Stag
0	0.0	50398	Other auto
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
0	0.0	50705	450-749 cc
1	0.0	50706	750cc & over
6	0.0	50709	Unk cc
0	0.0	50799	Unk motored cycle
0	0.0	50999	Unk vehicle
			Volvo
1	0.0	51031	122
1	0.0	51032	142/144/145
0	0.0	51033	164
97	0.1	51034	240/242/244/245
2	0.0	51035	262/264/265
1	0.0	51036	1800
20	0.0	51038	760/780
64	0.1	51039	740
23	0.0	51040	940
12	0.0	51041	960
29	0.0	51042	850
1	0.0	51398	Other auto
262	0.3	51399	Unk auto
30	0.0	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
0	0.0	51883	Med/Hvy COE high entry
142	0.1	51884	Med/Hvy unk engine location
5	0.0	51890	Med/Hvy unk entry position
0	0.0	51898	Other med/hvy trk

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
57	0.1	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
8	0.0	51999	Unk vehicle
Mitsubishi			
6	0.0	52031	Starion
4	0.0	52032	Tredia
5	0.0	52033	Cordia
106	0.1	52034	Galant
111	0.1	52035	Mirage
13	0.0	52036	Precis
165	0.2	52037	Eclipse
1	0.0	52038	Sigma
28	0.0	52039	3000 GT
22	0.0	52040	Diamante
0	0.0	52398	Other auto
356	0.4	52399	Unk auto
30	0.0	52401	Montero
3	0.0	52441	Minivan
16	0.0	52442	Expo Wagon
48	0.0	52471	Pickup
0	0.0	52498	Other lt truck
31	0.0	52499	Unk lt truck
4	0.0	52882	Med/Hvy COE low entry
3	0.0	52898	Other med/hvy truck
38	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
24	0.0	52999	Unk vehicle
Suzuki			
0	0.0	53031	SA310
10	0.0	53034	Swift
4	0.0	53035	Esteem
0	0.0	53398	Other auto
41	0.0	53399	Unk auto
37	0.0	53401	Samarai
33	0.0	53402	Sidekick
0	0.0	53403	X-90
0	0.0	53498	Other lt truck
20	0.0	53499	Unk lt truck
0	0.0	53701	0-50cc
1	0.0	53702	51-124cc
0	0.0	53703	125-349cc
0	0.0	53704	350-449cc
16	0.0	53705	450-749cc
24	0.0	53706	750cc & over
101	0.1	53709	Unk cc
0	0.0	53731	ATC/ATV 0-50cc



Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	53732	ATC/ATV 51-124cc
0	0.0	53733	ATC/ATV 125-349cc
0	0.0	53734	ATC/ATV 350cc & over
1	0.0	53739	ATC/ATV unk cc
2	0.0	53799	Unk motored cycle
6	0.0	53999	Unk vehicle
Acura			
193	0.2	54031	Integra
131	0.1	54032	Legend
1	0.0	54033	NSX
11	0.0	54034	Vigor/TL
1	0.0	54035	CL
0	0.0	54398	Other auto
249	0.2	54399	Unk auto
0	0.0	54401	SLX
0	0.0	54998	Other vehicle
0	0.0	54999	Unk vehicle
Hyundai			
0	0.0	55031	Pony
212	0.2	55032	Excel
59	0.1	55033	Sonata
37	0.0	55034	Scoupe
76	0.1	55035	Elantra
27	0.0	55036	Accent
0	0.0	55398	Other auto
312	0.3	55399	Unk auto
0	0.0	55999	Unk vehicle
Merkur			
5	0.0	56031	XR4Ti
4	0.0	56032	Scorpio
0	0.0	56398	Other auto
7	0.0	56399	Unk auto
0	0.0	56999	Unk vehicle
Yugo			
7	0.0	57031	GV
0	0.0	57398	Other auto
1	0.0	57399	Unk auto
0	0.0	57999	Unk vehicle
Infiniti			
3	0.0	58031	M30
12	0.0	58032	Q45
25	0.0	58033	G20
13	0.0	58034	J30
4	0.0	58035	I30
0	0.0	58398	Other auto
60	0.1	58399	Unk auto
0	0.0	58401	T30

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	58498	Other truck
0	0.0	58499	Unk light truck
0	0.0	58999	Unk vehicle
Lexus			
52	0.1	59031	ES-250/ES-300
20	0.0	59032	LS-400
11	0.0	59033	SC-400/SC-300
6	0.0	59034	GS-300
0	0.0	59398	Other auto
107	0.1	59399	Unk auto
0	0.0	59421	LX-450
0	0.0	59498	Other light truck
0	0.0	59499	Unk light truck
0	0.0	59999	Unk vehicle
Daihatsu			
4	0.0	60031	Charade
0	0.0	60398	Other auto
14	0.0	60399	Unk auto
3	0.0	60401	Rocky
0	0.0	60498	Other lt trk
2	0.0	60499	Unk lt trk
0	0.0	60999	Unk vehicle
Sterling			
5	0.0	61031	827S
1	0.0	61398	Other auto
6	0.0	61399	Unk auto
0	0.0	61999	Unk vehicle
Land Rover			
6	0.0	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
1	0.0	62421	County LWB (RR) / Country Classic (RR)
0	0.0	62422	4.0 SE (RR)
0	0.0	62498	Other light truck
14	0.0	62499	Unk light truck
0	0.0	62999	Unk vehicle
KIA			
12	0.0	63031	Sephia
0	0.0	63398	Other auto
10	0.0	63399	Unk auto
1	0.0	63401	Sportage
0	0.0	63498	Other light truck
0	0.0	63499	Unk light truck
1	0.0	63999	Unk vehicle
Other Imports			
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	69033	Citroen
0	0.0	69034	Delorean
2	0.0	69035	Ferrari
0	0.0	69036	Hillman
1	0.0	69037	Jensen
1	0.0	69038	Lamborghini
0	0.0	69039	Lotus
1	0.0	69040	Maserati
0	0.0	69041	Morris
1	0.0	69042	Rolls Royce/Bentley
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
0	0.0	69053	Lada
0	0.0	69398	Other make
0	0.0	69399	Unk make
BSA			
0	0.0	70701	0-50cc
0	0.0	70702	51-124cc
0	0.0	70703	125-349cc
0	0.0	70704	350-449cc
0	0.0	70705	450-749cc
0	0.0	70706	750cc & over
1	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
1	0.0	71709	Unk cc
0	0.0	71798	Oth motored cycle
0	0.0	71799	Unk motorcycle
Harley-Davidson			
2	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
0	0.0	72705	450-749cc
14	0.0	72706	750cc & over
211	0.2	72709	Unk cc
0	0.0	72798	Oth motored cycle
1	0.0	72799	Unk motorcycle

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
Kawaski			
0	0.0	73701	0-50cc
0	0.0	73702	51-124cc
5	0.0	73703	125-349cc
3	0.0	73704	350-449cc
14	0.0	73705	450-749cc
22	0.0	73706	750cc & over
140	0.1	73709	Unk cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
0	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
2	0.0	73739	ATC/ATV unk cc
0	0.0	73798	Oth motored cycle
0	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
1	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
0	0.0	75709	Unk cc
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk motorcycle
Yamaha			
1	0.0	76701	0-50cc
2	0.0	76702	51-124cc
7	0.0	76703	125-349cc
5	0.0	76704	350-449cc
13	0.0	76705	450-749cc
13	0.0	76706	750cc & over
123	0.1	76709	Unk cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
0	0.0	76733	ATC/ATV 125-349cc
1	0.0	76734	ATC/ATV 350cc & over
12	0.0	76739	ATC/ATV unk cc
1	0.0	76798	Oth motored cycle

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	76799	Unk motorcycle
1	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
4	0.0	78709	Unk cc
2	0.0	78798	Oth motored cycle
0	0.0	78799	Unk motorcycle
Other Make Motored Cycle			
0	0.0	79701	0-50cc
0	0.0	79702	51-124cc
1	0.0	79703	125-349cc
0	0.0	79704	350-449cc
0	0.0	79705	450-749cc
2	0.0	79706	750cc & over
8	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
1	0.0	79739	ATC/ATV unk cc
2	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
0	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
3	0.0	80899	Unk med/hvy trk
0	0.0	80950	Bus based Motorhome
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus type
0	0.0	80999	Unknown vehicle
Diamond Reo/Reo			
0	0.0	81850	M/H truck based motorhome
0	0.0	81881	Med/Hvy CBE
0	0.0	81882	Med/Hvy COE low entry
0	0.0	81883	Med/Hvy COE high entry
1	0.0	81884	Med/Hvy Unk engine location
0	0.0	81890	Med/Hvy COE Unk entry position
0	0.0	81898	Other med/hvy trk

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
5	0.0	81899	Unk med/hvy trk
0	0.0	81950	Bus based Motorhome
0	0.0	81988	Other bus
0	0.0	81989	Unknown bus type
0	0.0	81999	Unknown vehicle
Freightliner/White			
0	0.0	82850	M/H truck based motorhome
310	0.3	82881	Med/Hvy CBE
9	0.0	82882	Med/Hvy COE low entry
5	0.0	82883	Med/Hvy COE high entry
1464	1.5	82884	Med/Hvy Unk engine location
98	0.1	82890	Med/Hvy COE Unk entry position
6	0.0	82898	Other med/hvy trk
252	0.2	82899	Unk med/hvy trk
0	0.0	82950	Bus based Motorhome
0	0.0	82988	Other bus
0	0.0	82989	Unknown bus type
1	0.0	82998	Other vehicle
0	0.0	82999	Unknown vehicle
FWD			
0	0.0	83850	M/H truck based motorhome
0	0.0	83881	Med/Hvy CBE
1	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
0	0.0	83884	Med/Hvy Unk engine location
0	0.0	83890	Med/Hvy COE Unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus based Motorhome
0	0.0	83988	Other bus
0	0.0	83989	Unknown bus type
0	0.0	83999	Unknown vehicle
International Harvester/Navistar			
5	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
1	0.0	84481	Pickup
0	0.0	84498	Other lt trk
8	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck based motorhome
101	0.1	84881	Med/Hvy CBE
11	0.0	84882	Med/Hvy COE low entry
3	0.0	84883	Med/Hvy COE high entry
1087	1.1	84884	Med/Hvy unk engine location
69	0.1	84890	Med/Hvy COE unk entry position
35	0.0	84898	Other med/hvy trk
827	0.8	84899	Unk med/hvy trk
0	0.0	84950	Bus based Motorhome

General Estimates System (GES)  
1996 - Vehicle

Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	84981	Conventional Bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
17	0.0	84988	Other bus
84	0.1	84989	Unknown bus type
8	0.0	84998	Other vehicle
11	0.0	84999	Unk vehicle
Kenworth			
0	0.0	85850	M/H truck based motorhome
119	0.1	85881	Med/Hvy CBE
1	0.0	85882	Med/Hvy COE low entry
4	0.0	85883	Med/Hvy COE high entry
699	0.7	85884	Med/Hvy Unk engine location
16	0.0	85890	Med/Hvy COE Unk entry position
3	0.0	85898	Other med/hvy trk
106	0.1	85899	Unk med/hvy trk
0	0.0	85950	Bus based Motorhome
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus type
0	0.0	85999	Unknown
Mack			
0	0.0	86850	M/H truck based motorhome
62	0.1	86881	Med/Hvy CBE
3	0.0	86882	Med/Hvy COE low entry
2	0.0	86883	Med/Hvy COE high entry
416	0.4	86884	Med/Hvy Unk engine location
12	0.0	86890	Med/Hvy COE Unk entry position
20	0.0	86898	Other med/hvy trk
484	0.5	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
4	0.0	86998	Other vehicle
1	0.0	86999	Unknown
Peterbilt			
0	0.0	87850	M/H truck based motorhome
126	0.1	87881	Med/Hvy CBE
2	0.0	87882	Med/Hvy COE low entry
3	0.0	87883	Med/Hvy COE high entry
668	0.7	87884	Med/Hvy Unk engine location
28	0.0	87890	Med/Hvy COE Unk entry position
4	0.0	87898	Other med/hvy trk
104	0.1	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
1	0.0	87999	Unknown

## Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
			Iveco/Magirus
0	0.0	88850	M/H truck based motorhome
0	0.0	88881	Med/Hvy CBE
0	0.0	88882	Med/Hvy COE low entry
0	0.0	88883	Med/Hvy COE high entry
1	0.0	88884	Med/Hvy Unk engine location
0	0.0	88890	Med/Hvy COE Unk entry position
1	0.0	88898	Other med/hvy trk
8	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
24	0.0	98801	AUTOCAR
4	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
58	0.1	98804	WESTERN STAR
7	0.0	98805	OSHKOSH
27	0.0	98806	HINO
0	0.0	98807	SCANIA
3	0.0	98850	M/H truck based motorhome
77	0.1	98898	Other med/hvy trk
29	0.0	98902	NEOPLAN Bus
0	0.0	98950	Bus based Motorhome
1	0.0	98983	Bus rear engine
35	0.0	98988	Other bus
49	0.0	98989	Unknown bus type
37	0.0	98998	Other vehicle
0	0.0	98999	Unk vehicle
			Unknown Make
665	0.7	99399	Unknown automobile
283	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
23	0.0	99709	Unknown cc
0	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc
0	0.0	99733	ATC/ATV 125-349cc
0	0.0	99734	ATC/ATV 350-449cc
0	0.0	99739	ATC/ATV unk cc
0	0.0	99798	Other motored cycle
1	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



Variable 110:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
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
449	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
0	0.0	99988	Other bus
71	0.1	99989	Unknown bus type
19	0.0	99998	Other vehicle
1114	1.1	99999	Unk vehicle

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

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FREQ	Prcnt	Code	Value and Description
2	0.0	40	1940 and earlier
		-	
4814	4.8	85	1985
5630	5.6	86	1986
6151	6.1	87	1987
6850	6.8	88	1988
7061	7.0	89	1989
6488	6.4	90	1990
6471	6.4	91	1991
6407	6.4	92	1992
7577	7.5	93	1993
8289	8.2	94	1994
9541	9.5	95	1995
5942	5.9	96	1996
562	0.6	97	1997
3532	3.5	99	Unknown

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

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FREQ	Prcnt	Code	Value and Description
Automobiles			
185	0.2	1	Convertible (excludes sun roof, t-bar)
12428	12.3	2	2-door sedan, hardtop, coupe
1800	1.8	3	3-door/2-door hatchback
21447	21.3	4	4-door sedan, hardtop
669	0.7	5	5-door/4-door hatchback
2281	2.3	6	Station Wagon (excluding van and truck based)

## Variable 112:BODY TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
133	0.1	7	Hatchback, number of doors unknown
22	0.0	8	Other automobile type
23165	23.0	9	Unknown automobile type
Automobile Derivatives			
67	0.1	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat)
1	0.0	11	Auto based panel (cargo station wagon, auto based Ambulance/Hearse)
1	0.0	12	Large Limousine (more than four side doors or stretch chassis)
1	0.0	13	Three wheeled automobile or automobile derivative
Utility Vehicles			
2246	2.2	14	Compact Utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)
286	0.3	15	Large Utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)
495	0.5	16	Utility Station Wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
1302	1.3	19	Utility Vehicle, Unknown Body Type
Van Based Light Trucks (<4,501 kg GVWR)			
2006	2.0	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
540	0.5	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
29	0.0	22	Step van or walk-in van (< 4,500 kg GVWR)
4	0.0	23	Van based motorhome
4	0.0	24	Van Based School Bus
1	0.0	25	Van Based Other Bus
6	0.0	28	Other van type (Hi-Cube, Kary)
3202	3.2	29	Unknown van type
Lt Conventional Truck (P.U. style cab, <4,501 kg GVWR)			
3853	3.8	30	Compact pickup
3110	3.1	31	Large pickup
19	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
5457	5.4	39	Unknown (pickup style) light conventional truck
Other Light Trucks (<4,500 kg GVWR)			
14	0.0	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
7	0.0	41	Truck based panel
2	0.0	42	Light truck based motorhome (chassis mounted)
4	0.0	45	Other light truck type
1846	1.8	48	Unknown light truck type (utility, van, pickup, or other light truck)
570	0.6	49	Unknown light vehicle type (automobile, utility, van, or light truck)

Variable 112:BODY TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
Buses (excludes van based)			
186	0.2	50	School bus (designed to carry students, not cross country or transit)
198	0.2	58	Other bus (e.g., transit intercity bus based motorhome)
21	0.0	59	Unknown bus type
Medium/Heavy Trucks (>4,500 kg GVWR)			
73	0.1	60	Step Van
1176	1.2	64	Single unit straight truck
6	0.0	65	Medium/heavy truck based motorhome
6960	6.9	66	Truck-tractor (cab only, or with any number of trailing units)
2077	2.1	78	Unknown medium/heavy truck type
588	0.6	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include ATVs/cycles)			
1093	1.1	80	Motorcycle
36	0.0	81	Moped (motorized bicycle)
6	0.0	82	Three wheeled motorcycle or moped
17	0.0	88	Other motored cycle type (minibike, motorscooter)
11	0.0	89	Unknown motored cycle type
Other Vehicles			
30	0.0	90	ATV (all terrain vehicle) and ATC (all terrain cycle)
5	0.0	91	Snowmobile
35	0.0	92	Farm equipment other than trucks
38	0.0	93	Construction equipment other than trucks (includes graders)
17	0.0	97	Other type vehicle (e.g., go-cart, fork lift, city street sweeper)
1085	1.1	99	Unknown body type

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

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FREQ	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
88497	87.7	0	Not applicable
405	0.4	1	Bus
2048	2.0	2	Van/Enclosed Box
307	0.3	3	Cargo Tank
659	0.7	4	Flatbed
651	0.6	5	Dump
83	0.1	6	Concrete Mixer
36	0.0	7	Auto Transporter
190	0.2	8	Garbage/Refuse
485	0.5	98	Other
7500	7.4	99	Unknown

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

Number of axles on vehicle, including trailers

FREQ	Prcnt	Code	Value and Description
Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)			
88497	87.7	0	Not applicable
0	0.0	1	1 axle
900	0.9	2	2 axles
1374	1.4	3	3 axles
324	0.3	4	4 axles
2803	2.8	5	5 axles
165	0.2	6	6 axles
54	0.1	7	7 axles
29	0.0	8	8 axles
		-	
4	0.0	18	18 axles
0	0.0	98	Other
6634	6.6	99	Unknown

<u>Variable 115</u>	<u>VIN</u>	Width: 11	Type: Alphabetic
		Dec: None	Miss: None

<u>Variable 116</u>	<u>SPECIAL USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vehicle special use (this trip)

FREQ	Prcnt	Code	Value and Description
99993	99.1	0	No special use
106	0.1	1	Taxi
190	0.2	2	Vehicle used as school bus
200	0.2	3	Vehicle used as other bus
1	0.0	4	Military
164	0.2	5	Police
43	0.0	6	Ambulance
48	0.0	7	Fire truck and car
0	0.0	10	Hearse
35	0.0	11	Farm equipment
38	0.0	12	Construction equipment
43	0.0	99	Unknown

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

Hazardous materials placard number

FREQ	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
98326	97.5	0	Not applicable
1	0.0	1017	
		-	Actual number
1	0.0	3266	
2458	2.4	9999	Unknown

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

Hazardous materials placarded

FREQ	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
98326	97.5	0	Not Applicable
159	0.2	1	Yes
0	0.0	2	No
2376	2.4	9	Unknown

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

Hazardous materials release

FREQ	Prcnt	Code	Value and Description
			Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79)
98325	97.5	0	Not Applicable
39	0.0	1	Yes
139	0.1	2	No
2358	2.3	9	Unknown

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

FREQ	Prcnt	Code	Value and Description
100723	99.9	0	No
132	0.1	1	Yes
6	0.0	9	Unknown

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

## Number of occupants involved

FREQ	Prcnt	Code	Value and Description
331	0.3	0	0 occupants involved
72196	71.6	1	1 occupant involved
18839	18.7	2	2 occupants involved
5687	5.6	3	3 occupants involved
2443	2.4	4	4 occupants involved
966	1.0	5	5 occupants involved
		-	
1	0.0	30	30 occupants involved

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

FREQ	Prcnt	Code	Value and Description
12142	12.0	0	Stopped vehicle
143	0.1	1	
		-	Actual travel speed (MPH)
1	0.0	95	
12	0.0	97	97 MPH or greater
60703	60.2	99	Unknown

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

## Vehicle contributing factors

FREQ	Prcnt	Code	Value and Description
94168	93.4	0	No vehicle defects
368	0.4	1	Tires
409	0.4	2	Brake system
79	0.1	3	Steering system - tie rod, kingpin, ball joint, etc.
13	0.0	4	Suspension - springs, shock absorbers, macpherson struts
20	0.0	5	Power train - universal joint, drive shaft, transmission
1	0.0	6	Exhaust system
14	0.0	7	Headlights
17	0.0	8	Signal lights
24	0.0	9	Other lights
9	0.0	10	Wipers
16	0.0	11	Wheels
0	0.0	12	Mirrors
0	0.0	13	Driver seating and control
3	0.0	14	Body, doors
20	0.0	15	Trailer hitch
3396	3.4	50	Hit-and-run vehicle

Variable 123:VEHICLE CONTRIB FACTORS (Continued)

FREQ	Prcnt	Code	Value and Description
169	0.2	97	Vehicle defects - no details
220	0.2	98	Other vehicle defects
1915	1.9	99	Unknown if vehicle has defects

---

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

---

FREQ	Prcnt	Code	Value and Description
93400	92.6	0	No
7125	7.1	1	Yes, one trailing unit
231	0.2	2	Yes, two trailing units
4	0.0	3	Yes, three or more trailing units
38	0.0	4	Yes, number of trailing units unknown
63	0.1	9	Unknown

---

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

---

FREQ	Prcnt	Code	Value and Description
100545	99.7	0	No jackknife noted on PAR
316	0.3	1	Jackknife occurred

---

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

---

FREQ	Prcnt	Code	Value and Description
97613	96.8	0	No rollover
1051	1.0	10	Untripped Rollover
96	0.1	20	Tripped Rollover - By Curb
115	0.1	21	Tripped Rollover - By Guardrail
586	0.6	22	Tripped Rollover - By Ditch
18	0.0	23	Tripped Rollover - By Soft Soil
1367	1.4	28	Tripped Rollover - Other
8	0.0	29	Tripped Rollover - Unknown Mechanism
7	0.0	99	Rollover, unknown whether untripped or tripped

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---

Variable 127	<u>FIRE OCCURRENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

	FREQ	Prcnt	Code	Value and Description
	100692	99.8	0	No fire noted on PAR
	169	0.2	1	Fire occurred in vehicle

---

Variable 128	<u>INITIAL POINT OF IMPACT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

	FREQ	Prcnt	Code	Value and Description
	2347	2.3	0	No damage/noncollision
	43242	42.9	1	Front
	16124	16.0	2	Rightside
	17354	17.2	3	Leftside
	18147	18.0	4	Back
	116	0.1	5	Top
	356	0.4	6	Undercarriage
	280	0.3	11	Front right corner
	386	0.4	12	Front left corner
	28	0.0	13	Back right corner
	43	0.0	14	Back left corner
	2438	2.4	99	Initial point of impact unknown

---

Variable 129	<u>DAMAGE AREA #1</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Damage for areas 1-5 listed in ascending numerical order

	FREQ	Prcnt	Code	Value and Description
	3447	3.4	0	No damage
	56124	55.6	1	Front
	14883	14.8	2	Rightside
	12489	12.4	3	Leftside
	9976	9.9	4	Back
	188	0.2	5	Top
	307	0.3	6	Undercarriage
	179	0.2	7	All areas damaged
	3268	3.2	9	Damaged areas unknown

---

Variable 130	<u>DAMAGE AREA #2</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Damage for areas 1-5 listed in ascending numerical order



Variable 130:DAMAGE AREA #2 (Continued)

FREQ	Prcnt	Code	Value and Description
34273	34.0	0	No damage
0	0.0	1	Front
22620	22.4	2	Rightside
14446	14.3	3	Leftside
7544	7.5	4	Back
564	0.6	5	Top
575	0.6	6	Undercarriage
0	0.0	7	All areas damaged
20839	20.7	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

FREQ	Prcnt	Code	Value and Description
56432	56.0	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
11091	11.0	3	Leftside
3282	3.3	4	Back
532	0.5	5	Top
537	0.5	6	Undercarriage
0	0.0	7	All areas damaged
28987	28.7	9	Damaged areas unknown

---

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

---

Damage for areas 1-5 listed in ascending numerical order

FREQ	Prcnt	Code	Value and Description
67323	66.7	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
2221	2.2	4	Back
630	0.6	5	Top
523	0.5	6	Undercarriage
0	0.0	7	All areas damaged
30164	29.9	9	Damaged areas unknown

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

Damage for areas 1-5 listed in ascending numerical order

FREQ	Prcnt	Code	Value and Description
69637	69.0	0	No damage
0	0.0	1	Front
0	0.0	2	Rightside
0	0.0	3	Leftside
0	0.0	4	Back
553	0.5	5	Top
146	0.1	6	Undercarriage
0	0.0	7	All areas damaged
30525	30.3	9	Damaged areas unknown

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

FREQ	Prcnt	Code	Value and Description
3421	3.4	0	None
20586	20.4	1	Minor
25378	25.2	2	Functional (moderate)
22750	22.6	3	Disabling (severe)
28726	28.5	9	Unknown

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

FREQ	Prcnt	Code	Value and Description
52487	52.0	1	Driven away
43139	42.8	2	Towed due to damage
1569	1.6	3	Towed not due to damage
1014	1.0	4	Abandoned
2652	2.6	9	Unknown if towed

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

FREQ	Prcnt	Code	Value and Description
NonCollision			
1762	1.7	1	Rollover/Overturn
60	0.1	2	Fire/Explosion
18	0.0	3	Immersion
71	0.1	5	Jackknife
97	0.1	6	Noncollision injury

Variable 136: MOST HARMFUL EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
378	0.4	8	Other noncollision
8	0.0	9	Noncollision - No details
24	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1652	1.6	21	Pedestrian
1264	1.3	22	Cycle or cyclist (pedalcycle or pedalcyclist)
36	0.0	23	Railway train
1204	1.2	24	Animal
80094	79.4	25	Motor vehicle in transport
1881	1.9	26	Parked motor vehicle (or motor vehicle not in transport)
46	0.0	27	Other type nonmotorist
505	0.5	28	Other object not fixed
16	0.0	29	Object not fixed - No details
Collision with Fixed Object			
12	0.0	31	Ground
119	0.1	32	Building
12	0.0	33	Impact attenuator or crash cushion
162	0.2	34	Bridge Structure (pier/abutment/parapet end)
792	0.8	35	Guardrail
573	0.6	36	Concrete traffic barrier or other longitudinal barrier type
1436	1.4	37	Post, Pole or Support (sign post, utility post)
760	0.8	38	Culvert or Ditch
244	0.2	39	Curb
361	0.4	40	Embankment
275	0.3	41	Fence
164	0.2	42	Wall
70	0.1	43	Fire hydrant
21	0.0	44	Shrubbery or bush
1237	1.2	45	Tree
39	0.0	46	Boulder
45	0.0	50	Pavement surface irregularity (ruts, potholes, grates, plates, etc.)
326	0.3	58	Other fixed object
54	0.1	59	Fixed object - No details
5043	5.0	99	Unknown most harmful event

---

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

---

Movement prior to critical event (Precrash 1)

FREQ	Prcnt	Code	Value and Description
361	0.4	0	No driver present
59171	58.7	1	Going straight
4866	4.8	2	Decelerating in traffic lane
808	0.8	3	Starting in traffic lane

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

FREQ	Prcnt	Code	Value and Description
10999	10.9	4	Stopped in traffic lane
1181	1.2	5	Passing or overtaking another vehicle
178	0.2	6	Disabled or parked in travel lane
243	0.2	7	Leaving a parked position
70	0.1	8	Entering a parked position
2859	2.8	10	Turning right
9411	9.3	11	Turning left
460	0.5	12	Making U-turn
759	0.8	13	Backing up (other than parking purposes)
1735	1.7	15	Negotiating a curve
3102	3.1	16	Changing lanes
398	0.4	17	Merging
136	0.1	18	Successful corrective action to a previous critical event
3286	3.3	98	Other
838	0.8	99	Unknown

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

## Critical event (Precrash 2)

FREQ	Prcnt	Code	Value and Description
458	0.5	0	Not applicable/no collision
I. CRITICAL EVENT INITIATED BY THIS VEHICLE			
Loss of Control Due To:			
171	0.2	10	Blow Out or Flat Tire
12	0.0	20	Stalled Engine
358	0.4	30	Disabling Vehicle Failure (e.g. wheel fell off)
41	0.0	40	Minor Vehicle Failure
2343	2.3	50	Poor Road Conditions (puddle, pothole, ice, etc.)
2722	2.7	60	Excessive Speed
2806	2.8	99	Other or Unknown Reason
Traveling Over Edge of Roadway:			
1120	1.1	100	Over Left Edge of Roadway
2624	2.6	101	Over Right Edge of Roadway
136	0.1	102	End Departure
213	0.2	199	Unknown Which Edge
In Another Vehicle's Lane:			
290	0.3	200	Stopped
26	0.0	210	Traveling in Same Direction With Lower Speed
25	0.0	215	Traveling in Same Direction While Decelerating
10130	10.0	220	Traveling in Same Direction With Higher Speed
611	0.6	230	Traveling in Opposite Direction
Encroaching Into Another Vehicle's Lane: At Non-Junction			
617	0.6	300	From Adjacent Lane (Opposite Direction)

Variable 138:CRITICAL EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
1125	1.1	310	From Adjacent Lane (Same Direction) - Over Left Lane Line
1336	1.3	320	From Adjacent Lane (Same Direction) - Over Right Lane Line
157	0.2	330	From Parallel/Diagonal Parking Lane
Encroaching Into Another Vehicle's Lane: At Junction			
1137	1.1	410	Entering Intersection - Turning Into Same Direction
5774	5.7	411	Entering Intersection - Straight Across Path
3628	3.6	412	Entering Intersection - Turning Across Path
1673	1.7	413	Entering Intersection - Turning Into Opposite Direction
147	0.1	429	Entering Intersection - Intended Path Unknown
1115	1.1	430	Entering Driveway, Alley Access, Etc.
470	0.5	440	From Driveway, Alley Access, Etc. - Turning Into Same Direction
157	0.2	441	From Driveway, Alley Access, Etc. - Straight Across Path
1066	1.1	442	From Driveway, Alley Access, Etc. - Turning Into Opposite Direction
409	0.4	459	From Driveway, Alley Access, Etc. - Intended Path Unknown
61	0.1	460	Entering From "Yield" Entrance (Ramp/Channel)
1265	1.3	497	Encroaching - Other
343	0.3	498	Encroaching - Details Unknown
111	0.1	499	This Vehicle Initiated Critical Event - Details Unknown
II. CRITICAL EVENT INITIATED BY THE OTHER VEHICLE			
Motor Vehicle Already In This Vehicle's Lane:			
346	0.3	500	Stopped
38	0.0	510	Traveling in Same Direction With Lower Speed
46	0.0	515	Traveling in Same Direction While Decelerating
10113	10.0	520	Traveling in Same Direction With Higher Speed
693	0.7	530	Traveling in Opposite Direction
Another Vehicle Encroaching Into This Vehicle's Lane:			
Not At Junction			
1348	1.3	600	From Adjacent Lane (Opposite Direction)
1945	1.9	610	From Adjacent Lane (Same Direction) - Over Left Lane Line
1645	1.6	620	From Adjacent Lane (Same Direction) - Over Right Lane Line
143	0.1	630	From Parallel/Diagonal Parking Lane
Another Vehicle Encroaching Into This Vehicle's Lane:			
At Junction			
1094	1.1	710	Entering Intersection - Turning Into Same Direction
5414	5.4	711	Entering Intersection - Straight Across Path
3533	3.5	712	Entering Intersection - Turning Across Path
1744	1.7	713	Entering Intersection - Turning Into Opposite Direction
169	0.2	729	Entering Intersection - Intended Path Unknown
1099	1.1	730	Entering Driveway, Alley Access, Etc.
495	0.5	740	From Driveway, Alley Access, Etc. - Turning Into Same Direction
148	0.1	741	From Driveway, Alley Access, Etc. - Straight Across Path
1062	1.1	742	From Driveway, Alley Access, Etc. - Turning Into Opposite Direction
392	0.4	759	From Driveway, Alley Access, Etc. - Intended Path Unknown
98	0.1	760	Entering From "Yield" Entrance (Ramp/Channel)

## Variable 138:CRITICAL EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
1459	1.4	797	Encroaching - Other
156	0.2	798	Encroaching - Details Unknown
267	0.3	799	Other Vehicle Initiated Critical Event - Details Unknown
III. CRITICAL EVENT INITIATED BY PEDESTRIAN, PEDALCYCLIST, OTHER NON-MOTORIST, ANIMAL OR OBJECT			
1608	1.6	800	Pedestrian in Roadway
41	0.0	801	Pedestrian Approaching Roadway
1261	1.3	810	Pedalcyclist/Other Non-Motorist in Roadway
34	0.0	811	Pedalcyclist/Other Non-Motorist Approaching Roadway
1	0.0	829	Pedestrian/Pedalcyclist/Other Non-Motorist - Unknown Location
1524	1.5	830	Animal in Roadway
22	0.0	831	Animal Approaching Roadway
537	0.5	840	Object in Roadway
47	0.0	841	Object Approaching Roadway
0	0.0	859	Animal or Object - Unknown Location
IV. MISCELLANEOUS			
15582	15.4	994	More than two vehicles involved
545	0.5	998	Other event
1535	1.5	999	Unknown

---

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

---

## Corrective Action Attempted (Precrash 3)

FREQ	Prcnt	Code	Value and Description
72051	71.4	0	Not Applicable/No corrective action attempted
Single Corrective Action			
5868	5.8	1	Braked/Slowed
1383	1.4	2	Steered to Left
1265	1.3	3	Steered to Right
43	0.0	4	Accelerated
12	0.0	5	Backed
Multiple Corrective Actions			
351	0.3	11	Braked and Steered to Left
331	0.3	12	Braked and Steered to Right
2	0.0	13	Accelerated and Steered to Left
7	0.0	14	Accelerated and Steered to Right
110	0.1	15	Steered in Both Directions
15582	15.4	94	More than two vehicles involved
442	0.4	97	Corrective action attempted - no details
99	0.1	98	Other single or multiple corrective action
3315	3.3	99	Unknown if Driver Attempted Any Corrective Action

---

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

---

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

FREQ	Prcnt	Code	Value and Description
302	0.3	0	No Driver Presence
69950	69.4	1	Vehicle Control Maintained
535	0.5	2	Vehicle Rotated (Yawed) Clockwise
648	0.6	3	Vehicle Rotated (Yawed) Counter-Clockwise
5227	5.2	4	Vehicle Slid/Skid Longitudinally - No Rotation
0	0.0	5	Vehicle Slid/Skid Laterally - No Rotation
60	0.1	9	Vehicle Rotated (Yawed) Unknown Direction
156	0.2	20	Combination of 02 through 09
15582	15.4	94	More than two vehicles involved
6609	6.6	98	Other or Unknown Type of Vehicle Control Was Lost
1792	1.8	99	Unknown If Vehicle Control Was Lost

---

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

---

Vehicle Path Prior to First Involvement (Precrash 5)

FREQ	Prcnt	Code	Value and Description
302	0.3	0	No Driver Present
65612	65.1	1	Vehicle Stayed In Travel Lane
5599	5.6	2	Vehicle Stayed On Roadway But Left Travel Lane
1689	1.7	3	Vehicle Stayed On Roadway, Not Known If Left Travel Lane
10947	10.9	4	Vehicle Departed Roadway
110	0.1	6	Vehicle Remained Off Roadway
603	0.6	7	Vehicle Returned to Roadway
15582	15.4	94	More than two vehicles involved
417	0.4	99	Vehicle Path After Corrective Action Unknown

---

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

---

FREQ	Prcnt	Code	Value and Description
2373	2.4	0	Noncollision
56409	55.9	1	Striking
36238	35.9	2	Struck
5513	5.5	3	Both striking and struck
328	0.3	9	Unknown

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Variable 143	<u>ACCIDENT TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

FREQ	Prcnt	Code	Value and Description
580	0.6	0	No impact
1546	1.5	1	
		-	Diagram number (see appendix)
848	0.8	93	
311	0.3	97	Untripped rollover
8767	8.7	98	Other crash type
844	0.8	99	Unknown

---

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

---

Maximum injury severity in vehicle

FREQ	Prcnt	Code	Value and Description
65620	65.1	0	No Injury
14877	14.8	1	Possible Injury
10681	10.6	2	Nonincapacitating
4602	4.6	3	Incapacitating
416	0.4	4	Fatal
391	0.4	5	Unknown Injury Severity
2	0.0	6	Died Prior
331	0.3	8	No Person Coded in Crash
3941	3.9	9	Unknown

---

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

---

Number injured in vehicle

FREQ	Prcnt	Code	Value and Description
65697	65.1	0	None
24492	24.3	1	
		-	Actual number of people injured
1	0.0	27	
331	0.3	98	No person coded
3866	3.8	99	Unknown



---

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

Reports alcohol use by driver of the vehicle

FREQ	Prcnt	Code	Value and Description
3392	3.4	1	Alcohol Involved
93246	92.5	2	No Alcohol Involved
0	0.0	8	No Person Coded
4223	4.2	9	Unknown

---

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

FREQ	Prcnt	Code	Value and Description
615	0.6	0	Not resident of U.S. or territories/Driver not present - Code actual 5-digit zip code
5562	5.5	99999	Unknown

---

Variable 148    POLICE JURISDICTION                                      Width: 3            Type: Numeric  
Dec:    None            Miss: None

Police Jurisdiction codes repeated in each PSU.

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Variable 149    STRATUM    Width: 1            Type: Numeric  
Dec:    None            Miss: None

FREQ	Prcnt	Code	Value and Description
46791	46.4	1	Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
19242	19.1	2	Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
9580	9.5	3	Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
25248	25.0	4	Group 4 - All other crashes

---

Variable 150    PSU NUMBER    Width: 2            Type: Numeric  
Dec:    None            Miss: None

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

FREQ	Prct	Code	Value and Description
13888	13.8	1	Northeast
28125	27.9	2	Midwest
41378	41.0	3	South
17470	17.3	4	West

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

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

Carrier's Identification number

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

Imputed VEHICLE Variables

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

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
Automobiles			
188	0.2	1	Convertible (excludes sun roof, t-bar)
12545	12.4	2	2-door sedan, hardtop, coupe
1817	1.8	3	3-door/2-door hatchback
21644	21.5	4	4-door sedan, hardtop
675	0.7	5	5-door/4-door hatchback
2337	2.3	6	Station Wagon (excluding van and truck based)
136	0.1	7	Hatchback, number of doors unknown
22	0.0	8	Other automobile type
23766	23.6	9	Unknown automobile type
Automobile Derivatives			
69	0.1	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat)
1	0.0	11	Auto based panel (cargo station wagon, auto based Ambulance/Hearse)
1	0.0	12	Large Limousine (more than four side doors or stretch chassis)
2	0.0	13	Three wheeled automobile or automobile derivative
Utility Vehicles			
2285	2.3	14	Compact Utility (Jeep CJ-5, Renegade, Golden Eagle, Bronco, etc.)
295	0.3	15	Large Utility (Jeep Cherokee, Ramcharger, Trailduster, etc.)
506	0.5	16	Utility Station Wagon (Chev. Suburban, GMC Suburban, Grand Wagoneer; also includes suburban limousine)
1365	1.4	19	Utility Vehicle, Unknown Body Type
Van Based Light Trucks (<4,501 kg GVWR)			
2052	2.0	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
560	0.6	21	Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, etc.)
30	0.0	22	Step van or walk-in van (< 4,500 kg GVWR)
4	0.0	23	Van based motorhome
4	0.0	24	Van Based School Bus
1	0.0	25	Van Based Other Bus
6	0.0	28	Other van type (Hi-Cube, Kary)

## Variable 154:IMPUTED BODY TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
3365	3.3	29	Unknown van type
			Lt Conventional Truck (P.U. style cab, <4,501 kg GVWR)
3963	3.9	30	Compact pickup
3214	3.2	31	Large pickup
22	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
5765	5.7	39	Unknown (pickup style) light conventional truck
			Other Light Trucks (<4,500 kg GVWR)
15	0.0	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
7	0.0	41	Truck based panel
5	0.0	42	Light truck based motorhome (chassis mounted)
5	0.0	45	Other light truck type
1913	1.9	48	Unknown light truck type (utility, van, pickup, or other light truck)
0	0.0	49	Unknown light vehicle type (automobile, utility, van, or light truck)
			Buses (excludes van based)
186	0.2	50	School bus (designed to carry students, not cross country or transit)
198	0.2	58	Other bus (e.g., transit intercity bus based motorhome)
21	0.0	59	Unknown bus type
			Medium/Heavy Trucks (>4,500 kg GVWR)
77	0.1	60	Step Van
1264	1.3	64	Single unit straight truck
6	0.0	65	Medium/heavy truck based motorhome
7012	7.0	66	Truck-tractor (cab only, or with any number of trailing units)
2196	2.2	78	Unknown medium/heavy truck type
0	0.0	79	Unknown truck type (light/medium/heavy)
			Motored Cycles (Does not include ATVs/cycles)
1105	1.1	80	Motorcycle
44	0.0	81	Moped (motorized bicycle)
6	0.0	82	Three wheeled motorcycle or moped
17	0.0	88	Other motored cycle type (minibike, motorscooter)
12	0.0	89	Unknown motored cycle type
			Other Vehicles
30	0.0	90	ATV (all terrain vehicle) and ATC (all terrain cycle)
5	0.0	91	Snowmobile
35	0.0	92	Farm equipment other than trucks
38	0.0	93	Construction equipment other than trucks (includes graders)
24	0.0	97	Other type vehicle (e.g., go-cart, fork lift, city street sweeper)

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
96249	95.4	0	No, did not leave scene
4612	4.6	1	Yes, driver or car and driver left scene

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
2347	2.3	0	No damage/noncollision
44372	44.0	1	Front
16716	16.6	2	Rightside
17873	17.7	3	Leftside
18253	18.1	4	Back
125	0.1	5	Top
388	0.4	6	Undercarriage
302	0.3	11	Front right corner
414	0.4	12	Front left corner
28	0.0	13	Back right corner
43	0.0	14	Back left corner

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
364	0.4	0	No driver present
59643	59.1	1	Going straight
4908	4.9	2	Decelerating in traffic lane
816	0.8	3	Starting in traffic lane
11103	11.0	4	Stopped in traffic lane
1192	1.2	5	Passing or overtaking another vehicle
179	0.2	6	Disabled or parked in travel lane
247	0.2	7	Leaving a parked position
71	0.1	8	Entering a parked position
2885	2.9	10	Turning right
9491	9.4	11	Turning left
464	0.5	12	Making U-turn
769	0.8	13	Backing up (other than parking)
1748	1.7	15	Negotiating a curve
3124	3.1	16	Changing lanes
400	0.4	17	Merging

Variable 157:I PRIOR TO CRITICAL EVEN (Continued)

FREQ	Prcnt	Code	Value and Description
137	0.1	18	Successful corrective action to a previous critical event
3320	3.3	98	Other

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
2	0.0	40	1940 and earlier
		-	
4986	4.9	85	1985
5838	5.8	86	1986
6381	6.3	87	1987
7103	7.0	88	1988
7322	7.3	89	1989
6728	6.7	90	1990
6714	6.7	91	1991
6643	6.6	92	1992
7855	7.8	93	1993
8586	8.5	94	1994
9876	9.8	95	1995
6150	6.1	96	1996
581	0.6	97	1997

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
69176	68.6	0	No Injury
15044	14.9	1	Possible Injury
10814	10.7	2	Nonincapacitating
4649	4.6	3	Incapacitating
420	0.4	4	Fatal
425	0.4	5	Unknown Injury Severity
2	0.0	6	Died Prior
331	0.3	8	No Person Coded in Crash

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
69509	68.9	0	None
24791	24.6	1	
		-	Actual number of people injured
1	0.0	27	

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
71798	71.2	0	None
1652	1.6	1	Alcohol or drugs
3329	3.3	2	Speeding
111	0.1	3	Alcohol or drugs and speeding
638	0.6	4	Reckless driving
434	0.4	5	Driving with a suspended or revoked license
4360	4.3	6	Failure to yield right-of-way
1459	1.4	7	Running a traffic signal or stop sign
3933	3.9	50	Hit & run (and no information)
4016	4.0	97	Violation charged - no details
9131	9.1	98	Other violation

---

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

---

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
2378	2.4	0	Noncollision
56596	56.1	1	Striking
36361	36.1	2	Struck
5526	5.5	3	Both striking and struck

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---

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

---

This variable was imputed by NHTSA

FREQ	Prct	Code	Value and Description
4182	4.1	1	Alcohol Involved
96679	95.9	2	No Alcohol Involved
0	0.0	8	No Person Coded

---

Variable 164	<u>IMP MOST HARMFUL EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

This variable was imputed by NHTSA

FREQ	Prct	Code	Value and Description
NonCollision			
2126	2.1	1	Rollover/Overturn
60	0.1	2	Fire/Explosion
23	0.0	3	Immersion
106	0.1	5	Jackknife
102	0.1	6	Noncollision injury
404	0.4	8	Other noncollision
9	0.0	9	Noncollision - No details
24	0.0	10	Thrown or falling object
Collision with Object Not Fixed			
1675	1.7	21	Pedestrian
1269	1.3	22	Cycle or cyclist (pedalcycle or pedalcyclist)
38	0.0	23	Railway train
1242	1.2	24	Animal
82322	81.6	25	Motor vehicle in transport
1965	1.9	26	Parked motor vehicle (or motor vehicle not in transport)
46	0.0	27	Other type nonmotorist
545	0.5	28	Other object not fixed
18	0.0	29	Object not fixed - No details
Collision with Fixed Object			
20	0.0	31	Ground
139	0.1	32	Building
13	0.0	33	Impact attenuator or crash cushion
191	0.2	34	Bridge Structure (pier/abutment/parapet end)
1007	1.0	35	Guardrail
727	0.7	36	Concrete traffic barrier or other longitudinal barrier type
1844	1.8	37	Post, Pole or Support (sign post, utility post)
1139	1.1	38	Culvert or Ditch
387	0.4	39	Curb
551	0.5	40	Embankment
402	0.4	41	Fence
199	0.2	42	Wall
85	0.1	43	Fire hydrant
33	0.0	44	Shrubbery or bush



Variable 164:IMP MOST HARMFUL EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
1486	1.5	45	Tree
51	0.1	46	Boulder
50	0.0	50	Pavement Surface Irregularity (ruts, potholes, grates, plates, etc.)
487	0.5	58	Other fixed object
76	0.1	59	Fixed object - No details



The OCCUPANT Variables

Variables 201 through 230 describe the vehicle occupants involved in the Accident. The Occupant data set contains these variables, along with the Accident and Vehicle variables on an occupant level.

<u>Variable 201</u>	<u>CASE NUMBER</u>	Width: 8	Type: Numeric
		Dec: None	Miss: None

<u>Variable 202</u>	<u>VEHICLE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
79385	55.0	1	Vehicle #1
56467	39.1	2	Vehicle #2
6751	4.7	3	Vehicle #3
1290	0.9	4	Vehicle #4
283	0.2	5	Vehicle #5
98	0.1	6	Vehicle #6
32	0.0	7	Vehicle #7
14	0.0	8	Vehicle #8
3	0.0	9	Vehicle #9
2	0.0	10	Vehicle #10
5	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12
1	0.0	13	Vehicle #13

<u>Variable 203</u>	<u>OCCUPANT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
100530	69.7	1	
		-	Occupant number
1	0.0	30	

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

Indicates the role of the occupant in the vehicle

FREQ	Prcnt	Code	Value and Description
Motorists			
100500	69.6	1	Driver of motor vehicle in transport
43820	30.4	2	Passenger of a motor vehicle in transport
12	0.0	9	Unknown occupant type in a motor vehicle in transport

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

Occupant seating position

FREQ	Prcnt	Code	Value and Description
100494	69.6	11	Front seat - left side (driver's side)
1233	0.9	12	Front seat - middle
22736	15.8	13	Front seat - right side
19	0.0	18	Front seat - other
441	0.3	19	Front seat - unknown
4725	3.3	21	Second seat - left side
2096	1.5	22	Second seat - middle
5819	4.0	23	Second seat - right side
17	0.0	28	Second seat - other
280	0.2	29	Second seat - unknown
130	0.1	31	Third seat - left side
82	0.1	32	Third seat - middle
123	0.1	33	Third seat - right side
4	0.0	38	Third seat - other
13	0.0	39	Third seat - unknown
22	0.0	50	Sleeper section of cab (truck)
376	0.3	51	Other passenger in passenger or cargo area
3	0.0	52	Trailing unit
176	0.1	53	Riding on vehicle exterior
5543	3.8	99	Unknown

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

Occupant restraint system use

FREQ	Prcnt	Code	Value and Description
14453	10.0	0	None used or N/A
82862	57.4	1	Lap/shoulder belt
6559	4.5	2	Lap belt

Variable 206:OCC RESTRAINT SYSTEM USE (Continued)

FREQ	Prcnt	Code	Value and Description
939	0.7	3	Shoulder belt
750	0.5	5	Motorcycle helmet
2329	1.6	6	Child safety seat
487	0.3	7	None available
16110	11.2	8	Restraint used - specifics unknown or other
19843	13.7	9	Unknown if used

---

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

FREQ	Prcnt	Code	Value and Description
35533	24.6	0	None or N/A
414	0.3	1	Automatic (Passive)
29368	20.3	2	Manual (Active)
79017	54.7	9	Unknown type

---

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

FREQ	Prcnt	Code	Value and Description
76072	52.7	0	No Air Bag available
3655	2.5	1	Deployed
10885	7.5	2	Non-deployed
53720	37.2	9	Unknown if available or deployed

---

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

---

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

FREQ	Prcnt	Code	Value and Description
144034	99.8	0	Not ejected
220	0.2	1	Totally ejected
30	0.0	2	Partially ejected
32	0.0	7	Ejected - no details
16	0.0	9	Unknown

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Variable 211	<u>OCCUPANT AGE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

FREQ	Prct	Code	Value and Description
616	0.4	0	Up to one year
804	0.6	1	
		-	Age in years
2	0.0	96	
18	0.0	97	97 years or older
13007	9.0	99	Unknown

---

Variable 212	<u>OCCUPANT SEX</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

FREQ	Prct	Code	Value and Description
79984	55.4	1	Male
54370	37.7	2	Female
9978	6.9	9	Unknown

---

Variable 213	<u>OCC INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

## Occupant injury severity

FREQ	Prct	Code	Value and Description
99776	69.1	0	O - No injury
20191	14.0	1	C - possible injury
13117	9.1	2	B - nonincapacitating injury
5611	3.9	3	A - incapacitating injury
474	0.3	4	K - fatal injury
537	0.4	5	U - Injured - severity unknown
2	0.0	6	Died prior to crash
4624	3.2	9	Unknown if injured

---

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

---

## Occupant taken to hospital or treatment facility

FREQ	Prct	Code	Value and Description
118873	82.4	0	No
24138	16.7	1	Yes
1321	0.9	9	Unknown

---

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

---

FREQ	Prcnt	Code	Value and Description
138253	95.8	0	None
204	0.1	1	Ill, blackout
549	0.4	2	Drowsy, sleepy, fell asleep, fatigued
2	0.0	3	Requires cane or crutches
1	0.0	4	Paraplegic or restricted to wheelchair
1	0.0	5	Impaired due to previous injury
5	0.0	6	Deaf
3	0.0	7	Blind
182	0.1	97	Physical impairment - no details
313	0.2	98	Other physical impairments
4819	3.3	99	Unknown if physically impaired

---

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

---

Police Crash Report alcohol involvement

FREQ	Prcnt	Code	Value and Description
136160	94.3	0	No (alcohol not involved)
3390	2.3	1	Yes (alcohol involved)
2	0.0	7	Alcohol and/or drugs involved
557	0.4	8	Not reported
4223	2.9	9	Unknown (police reported)

---

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

---

Police Crash Report drug involvement

FREQ	Prcnt	Code	Value and Description
139650	96.8	0	No (drugs not involved)
153	0.1	1	Yes (drugs involved)
2	0.0	7	Drugs and/or alcohol involved
249	0.2	8	Not reported
4278	3.0	9	Unknown (police reported)

---

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

---

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

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

Police Jurisdiction codes repeated in each PSU.

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

FREQ	Prcnt	Code	Value and Description
69208	48.0	1	Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
24611	17.1	2	Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
14392	10.0	3	Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
36121	25.0	4	Group 4 - All other crashes

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

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

FREQ	Prcnt	Code	Value and Description
19451	13.5	1	Northeast
39673	27.5	2	Midwest
59689	41.4	3	South
25519	17.7	4	West

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



Imputed OCCUPANT Variables

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

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
837	0.6	0	Up to one year
941	0.7	1	
		-	Age in years
2	0.0	96	
18	0.0	97	97 years or older

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
140150	97.1	0	No (alcohol not involved)
4180	2.9	1	Yes (alcohol involved)
2	0.0	7	Alcohol and/or drugs involved
0	0.0	8	Not reported

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
144050	99.8	0	Not ejected
220	0.2	1	Totally ejected
30	0.0	2	Partially ejected
32	0.0	7	Ejected - no details

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
103871	72.0	0	O - No injury
20448	14.2	1	C - possible injury
13295	9.2	2	B - nonincapacitating injury
5662	3.9	3	A - incapacitating injury
478	0.3	4	K - fatal injury
576	0.4	5	U - Injured - severity unknown
2	0.0	6	Died prior to crash

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
101190	70.1	11	Front seat - left side (driver's side)
1483	1.0	12	Front seat - middle
25827	17.9	13	Front seat - right side
0	0.0	18	Front seat - other
0	0.0	19	Front seat - unknown
5365	3.7	21	Second seat - left side
2415	1.7	22	Second seat - middle
6898	4.8	23	Second seat - right side
0	0.0	28	Second seat - other
0	0.0	29	Second seat - unknown
175	0.1	31	Third seat - left side
133	0.1	32	Third seat - middle
152	0.1	33	Third seat - right side
0	0.0	38	Third seat - other
0	0.0	39	Third seat - unknown
27	0.0	50	Sleeper section of cab (truck)
448	0.3	51	Other passenger in passenger or cargo area
4	0.0	52	Trailing unit
215	0.1	53	Riding on vehicle exterior

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
85556	59.3	1	Male
58776	40.7	2	Female

The NONMOTORIST Variables

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

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

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

Vehicle number which made contact with the nonmotorist

FREQ	Prcnt	Code	Value and Description
3533	98.9	1	Vehicle #1
37	1.0	2	Vehicle #2
1	0.0	4	Vehicle #4

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

FREQ	Prcnt	Code	Value and Description
3308	92.6	1	
		-	Nonmotorist number
1	0.0	7	

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

Indicates the role of the nonmotorist

FREQ	Prcnt	Code	Value and Description
Nonmotorists - Occupant			
366	10.2	3	Occupant of a motor vehicle not in transport
64	1.8	4	Occupant of a non-motor vehicle transport device
Nonmotorists - Non-occupant			
1820	51.0	5	Pedestrian
1305	36.5	6	Cyclist (pedalcyclist)

## Variable 304:NONMOTORIST TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
16	0.4	8	Other or unknown non-occupant

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

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

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

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

Variable 309	NONMOT SAFETY EQUIP USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## Nonmotorist safety equipment use

FREQ	Prcnt	Code	Value and Description
3416	95.7	0	None used or N/A
70	2.0	1	Bicycle helmet
1	0.0	2	Reflective equipment
0	0.0	3	Bicycle helmet and reflective equipment
20	0.6	8	Other safety equipment
64	1.8	9	Unknown if used

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

General Estimates System (GES)  
1996 - Nonmotorist

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

FREQ Prcnt    Code Value and Description

2	0.1	0	Up to one year
18	0.5	1	
		-	Age in years
3	0.1	94	
0	0.0	97	97 years or older
129	3.6	99	Unknown

---

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

FREQ Prcnt    Code Value and Description

2345	65.7	1	Male
1197	33.5	2	Female
29	0.8	9	Unknown

---

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

Nonmotorist injury severity

FREQ Prcnt    Code Value and Description

375	10.5	0	O - No injury
291	8.1	1	C - possible injury
1882	52.7	2	B - nonincapacitating injury
826	23.1	3	A - incapacitating injury
105	2.9	4	K - fatal injury
57	1.6	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash
35	1.0	9	Unknown if injured

---

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

Occupant taken to hospital or treatment facility

FREQ Prcnt    Code Value and Description

1071	30.0	0	No
2386	66.8	1	Yes
114	3.2	9	Unknown

General Estimates System (GES)  
1996 - Nonmotorist

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

FREQ	Prcnt	Code	Value and Description
3468	97.1	0	None
1	0.0	1	Ill, blackout
1	0.0	2	Drowsy, sleepy, fell asleep, fatigued
0	0.0	3	Requires cane or crutches
5	0.1	4	Paraplegic or restricted to wheelchair
0	0.0	5	Impaired due to previous injury
6	0.2	6	Deaf
2	0.1	7	Blind
9	0.3	97	Physical impairment - no details
9	0.3	98	Other physical impairments
70	2.0	99	Unknown if physically impaired

---

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

Police Crash Report alcohol involvement

FREQ	Prcnt	Code	Value and Description
3382	94.7	0	No (alcohol not involved)
131	3.7	1	Yes (alcohol involved)
0	0.0	7	Alcohol and/or drugs involved
6	0.2	8	Not reported
52	1.5	9	Unknown (police reported)

---

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

Police Crash Report drug involvement

FREQ	Prcnt	Code	Value and Description
3515	98.4	0	No (drugs not involved)
4	0.1	1	Yes (drugs involved)
0	0.0	7	Drugs and/or alcohol involved
2	0.1	8	Not reported
50	1.4	9	Unknown (police reported)

---

Variable 318    NONMOTORIST ACTION    Width: 2    Type: Numeric  
Dec:    None    Miss: 99

FREQ	Prcnt	Code	Value and Description
1119	31.3	0	No action

Variable 318:NONMOTORIST ACTION (Continued)

FREQ	Prcnt	Code	Value and Description
Nonmotorist Vehicle Operator			
5	0.1	1	Failing to have lights on when required
10	0.3	2	Operating without required equipment
27	0.8	3	Improper or erratic lane changing
15	0.4	4	Failure to keep in proper lane or running off road
101	2.8	5	Making improper entry to or exit from trafficway
55	1.5	6	Operating the vehicle in erratic, reckless, negligent manner
343	9.6	7	Failure to yield right of way
24	0.7	8	Failure to obey traffic signs/control devices/officers, failure to observe safety zone
32	0.9	9	Making other improper turns
200	5.6	10	Driving on wrong side of road
Other Nonmotorists			
457	12.8	21	Darting or running into road
363	10.2	22	Improper crossing of roadway or intersection (jaywalking)
4	0.1	24	Inattentive (talking, eating, etc.)
10	0.3	25	Jogger
1	0.0	26	Nonmotorist pushing vehicle
49	1.4	27	Walking with traffic
15	0.4	28	Walking against traffic
107	3.0	29	Playing, working, sitting, lying, standing, etc. in roadway
473	13.2	98	Other action
161	4.5	99	Unknown action

---

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

---

Nonmotorist location

FREQ	Prcnt	Code	Value and Description
0	0.0	0	Not applicable - driver or occupant of MV in transport
336	9.4	1	Intersection - in crosswalk
1123	31.4	2	Intersection - on roadway
8	0.2	8	Intersection - other
5	0.1	9	Intersection - unknown location
6	0.2	11	Nonintersection - in crosswalk
1578	44.2	12	Nonintersection - on roadway
331	9.3	18	Nonintersection - other
6	0.2	19	Nonintersection - unknown location
2	0.1	20	In crosswalk - unknown if intersection
162	4.5	98	Other location
14	0.4	99	Unknown location

General Estimates System (GES)  
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Variable 320	POLICE JURISDICTION	Width: 3	Type: Numeric
		Dec: None	Miss: None

Police Jurisdiction codes repeated in each PSU.

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

FREQ	Prcnt	Code	Value and Description
193	5.4	1	Group 1 - Crashes involving a towed pass veh, i.e. pass car, util veh, lt trk or van, no med/hvy trks
189	5.3	2	Group 2 - Crashes involving a med/hvy trk and at least one pass veh was towed or an involvd person inj
2833	79.3	3	Group 3 - Crashes not involving a towed pass veh or med/hvy trk, but one in which an involved person inj
356	10.0	4	Group 4 - All other crashes

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

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

FREQ	Prcnt	Code	Value and Description
872	24.4	1	Northeast
846	23.7	2	Midwest
946	26.5	3	South
907	25.4	4	West

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



Imputed NONMOTORIST Variables

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

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
2	0.1	0	Up to one year
18	0.5	1	
		-	Age in years
3	0.1	94	
0	0.0	97	97 years or older

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
3436	96.2	0	No (alcohol not involved)
135	3.8	1	Yes (alcohol involved)
0	0.0	7	Alcohol and/or drugs involved
0	0.0	8	Not reported

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

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
382	10.7	0	O - No injury
300	8.4	1	C - possible injury
1897	53.1	2	B - nonincapacitating injury
830	23.2	3	A - incapacitating injury
105	2.9	4	K - fatal injury

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

FREQ	Prcnt	Code	Value and Description
57	1.6	5	U - Injured - severity unknown
0	0.0	6	Died prior to crash

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

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

This variable was imputed by NHTSA

FREQ	Prcnt	Code	Value and Description
2367	66.3	1	Male
1204	33.7	2	Female

GES 1996 Year  
Index to Variables and Code Value Names

"\*" = Variable Name (i.e., no code value)  
"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abandoned	135	4	Abandoned
absorber	123	4	Suspension - springs, shock absorbers, m
abutment	11	34	Bridge Structure (pier/abutment/parapet
abutment	39	34	Bridge Structure (pier/abutment/parapet
abutment	136	34	Bridge Structure (pier/abutment/parapet
abutment	164	34	Bridge Structure (pier/abutment/parapet
ac	107	2	Vehicle instrument display (radio, casse
accelerated	139	4	Accelerated
access	14	3	Driveway, Alley Access, Etc.
access	47	3	Driveway, Alley Access, Etc.
access	138	430	Entering Driveway, Alley Access, Etc.
across	138	411	Entering Intersection - Straight Across
action	26	15	Motorist and cyclist counteract each oth
action	137	18	Successful corrective action to a previo
action	139	*	CORRECTIVE ACTION ATTEMP
action	141	99	Vehicle Path After Corrective Action Unk
action	157	18	Successful corrective action to a previo
action	318	*	NONMOTORIST ACTION
active	21	61	Active devices (gates, flashing lights,
active	50	61	Active devices (gates, flashing lights,
active	207	2	Manual (Active)
acura	109	54	Acura
adverse	24	1	No adverse atmospheric related driving c
adverse	51	1	No adverse atmospheric related driving c
advisory	21	40	Advisory Speed Sign
advisory	50	40	Advisory Speed Sign
aerostar	112	20	Minivan (Astro, Caravan, Plymouth Vista,
aerostar	154	20	Minivan (Astro, Caravan, Plymouth Vista,
age	211	*	OCCUPANT AGE
age	225	*	IMPUTED OCCUPANT AGE
age	311	*	NONMOTORIST AGE
age	325	*	IMPUTED NONMOTORIST AGE
ahead	21	43	Warning Sign for Environment/Traffic (fo
ahead	50	43	Warning Sign for Environment/Traffic (fo
air	208	0	No Air Bag available
airbag	208	*	AIRBAG AVAIL/FUNCTION
alcohol	29	*	ALCOHOL INVOLVED IN ACC
alcohol	37	*	IMP ALC INVOLVED IN ACC
alcohol	104	1	Alcohol or drugs
alcohol	146	*	ALCOHOL INVOLVED IN VEH
alcohol	161	1	Alcohol or drugs
alcohol	163	*	IMP ALC INVOLVED IN VEH
alcohol	216	*	PAR ALCOHOL INVOLVEMENT
alcohol	217	7	Drugs and/or alcohol involved
alcohol	226	*	IMP PAR ALC INVOLVEMENT
alcohol	316	*	PAR ALCOHOL INVOLVEMENT
alcohol	317	7	Drugs and/or alcohol involved
alcohol	326	*	IMP PAR ALC INVOLVEMENT
alfa	109	31	Alfa Romeo
alignment	18	*	ROADWAY ALIGNMENT
alignment	38	*	IMP ROADWAY ALIGNMENT
alley	14	3	Driveway, Alley Access, Etc.
alley	22	0	No statutory limit (parking lot, alley,
alley	26	8	Motorist fails to yield from driveway, a

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
alley	47	3	Driveway, Alley Access, Etc.
alley	48	0	No statutory limit (parking lot, alley,
alley	138	430	Entering Driveway, Alley Access, Etc.
ambulance	112	11	Auto based panel (cargo station wagon, a
ambulance	116	6	Ambulance
ambulance	154	11	Auto based panel (cargo station wagon, a
american	109	1	American Motors
american	110	+	Rambler/American
angle	12	4	Angle
angle	42	4	Angle
animal	11	24	Animal
animal	39	24	Animal
animal	106	3	Animal in road
animal	136	24	Animal
animal	138	830	Animal in Roadway
animal	164	24	Animal
april	2	4	April
asleep	215	2	Drowsy, sleepy, fell asleep, fatigued
asleep	315	2	Drowsy, sleepy, fell asleep, fatigued
astro	112	20	Minivan (Astro, Caravan, Plymouth Vista,
astro	154	20	Minivan (Astro, Caravan, Plymouth Vista,
atc	112	90	ATV (all terrain vehicle) and ATC (all t
atc	154	90	ATV (all terrain vehicle) and ATC (all t
atmospheric	24	*	ATMOSPHERIC CONDITION
atmospheric	51	*	I ATMOSPHERIC CONDITION
attemp	139	*	CORRECTIVE ACTION ATTEMP
attempted	139	0	Not Applicable/No corrective action atte
attenuator	11	33	Impact attenuator or crash cushion
attenuator	39	33	Impact attenuator or crash cushion
attenuator	136	33	Impact attenuator or crash cushion
attenuator	164	33	Impact attenuator or crash cushion
atv	112	90	ATV (all terrain vehicle) and ATC (all t
atv	154	90	ATV (all terrain vehicle) and ATC (all t
audi	109	32	Audi
august	2	8	August
austin	109	33	Austin/Austin Healey
auto	112	10	Auto based pickup (includes El Camino, C
auto	113	7	Auto Transporter
auto	154	10	Auto based pickup (includes El Camino, C
automatic	207	1	Automatic (Passive)
automobile	112	8	Other automobile type
automobile	154	8	Other automobile type
avoid	106	*	DRIVER MANEUVER TO AVOID
avoidance	106	97	Avoidance Maneuver - no details
axle	114	*	NO OF AXLES ON VEH/TRAIL
backed	139	5	Backed
backing	26	11	Motorist backing from driveway fails to
backing	137	13	Backing up (other than parking purposes)
backing	157	13	Backing up (other than parking)
bag	208	0	No Air Bag available
ball	123	3	Steering system - tie rod, kingpin, ball
barrier	11	36	Concrete traffic barrier or other longit
barrier	16	2	Divided highway (median strip, barrier)
barrier	39	36	Concrete traffic barrier or other longit
barrier	136	36	Concrete traffic barrier or other longit
barrier	164	36	Concrete traffic barrier or other longit

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
beacon	21	4	Flashing traffic control signal or flash
beacon	50	4	Flashing traffic control signal or flash
belt	206	1	Lap/shoulder belt
benz	109	42	Mercedes Benz
bicycle	26	40	Play vehicle (big wheel, tricycle, bicyc
bicycle	112	81	Moped (motorized bicycle)
bicycle	154	81	Moped (motorized bicycle)
bicycle	309	1	Bicycle helmet
bicyclist	26	26	Vehicles collide head-on; wrong-way bicy
big	26	40	Play vehicle (big wheel, tricycle, bicyc
billboard	105	4	Building, billboard, or other design fea
blackout	215	1	Ill, blackout
blackout	315	1	Ill, blackout
blind	215	7	Blind
blind	315	7	Blind
blow	138	10	Blow Out or Flat Tire
blowing	24	8	Other (smog, smoke, blowing sand/dust/sn
blowing	51	8	Other (smog, smoke, blowing sand/dust/sn
bmw	109	34	BMW
body	112	*	BODY TYPE
body	113	*	CARGO BODY TYPE
body	123	14	Body, doors
body	154	*	IMPUTED BODY TYPE
boulder	11	46	Boulder
boulder	39	46	Boulder
boulder	136	46	Boulder
boulder	164	46	Boulder
box	113	2	Van/Enclosed Box
brake	123	2	Brake system
braked	139	1	Braked/Slowed
brat	112	10	Auto based pickup (includes El Camino, C
brat	154	10	Auto based pickup (includes El Camino, C
bridge	11	34	Bridge Structure (pier/abutment/parapet
bridge	14	6	On a Bridge
bridge	39	34	Bridge Structure (pier/abutment/parapet
bridge	47	6	On a Bridge
bridge	136	34	Bridge Structure (pier/abutment/parapet
bridge	164	34	Bridge Structure (pier/abutment/parapet
bright	105	2	Reflected glare, bright sunlight, headli
brockway	109	80	Brockway
broken	105	14	Broken or improperly cleaned windshield
bronco	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
bronco	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
bsa	109	70	BSA
buick	109	18	Buick
building	11	32	Building
building	39	32	Building
building	105	4	Building, billboard, or other design fea
building	136	32	Building
building	164	32	Building
bus	25	*	SCH BUS RELATED TO ACC
bus	26	110	Commercial bus
bus	109	98	Other (truck or bus)
bus	112	24	Van Based School Bus
bus	113	1	Bus
bus	116	2	Vehicle used as school bus

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
bus	154	24	Van Based School Bus
bush	11	44	Shrubbery or bush
bush	39	44	Shrubbery or bush
bush	136	44	Shrubbery or bush
bush	164	44	Shrubbery or bush
cab	112	40	Cab chassis based (includes rescue vehic
cab	154	40	Cab chassis based (includes rescue vehic
cab	205	50	Sleeper section of cab (truck)
cab	229	50	Sleeper section of cab (truck)
caballero	112	10	Auto based pickup (includes El Camino, C
caballero	154	10	Auto based pickup (includes El Camino, C
cadillac	109	19	Cadillac
camino	112	10	Auto based pickup (includes El Camino, C
camino	154	10	Auto based pickup (includes El Camino, C
camper	112	32	Pickup with slide-in camper
camper	154	32	Pickup with slide-in camper
cane	215	3	Requires cane or crutches
cane	315	3	Requires cane or crutches
car	31	1	Group 1 - Crashes involving a towed pass
car	108	1	Yes, driver or car and driver left scene
car	116	7	Fire truck and car
car	149	1	Group 1 - Crashes involving a towed pass
car	155	1	Yes, driver or car and driver left scene
car	221	1	Group 1 - Crashes involving a towed pass
car	321	1	Group 1 - Crashes involving a towed pass
caravan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
caravan	154	20	Minivan (Astro, Caravan, Plymouth Vista,
cargo	112	11	Auto based panel (cargo station wagon, a
cargo	113	*	CARGO BODY TYPE
cargo	154	11	Auto based panel (cargo station wagon, a
cargo	205	51	Other passenger in passenger or cargo ar
cargo	229	51	Other passenger in passenger or cargo ar
carrier's	153	*	CARRIER'S ID NUMBER
carry	112	50	School bus (designed to carry students,
carry	154	50	School bus (designed to carry students,
case	1	*	CASE NUMBER
case	101	*	CASE NUMBER
case	201	*	CASE NUMBER
case	301	*	CASE NUMBER
cassette	107	2	Vehicle instrument display (radio, casse
cb	107	2	Vehicle instrument display (radio, casse
changing	137	16	Changing lanes
changing	157	16	Changing lanes
changing	318	3	Improper or erratic lane changing
channel	138	460	Entering From "Yield" Entrance (Ramp/Cha
charged	104	*	VIOLATIONS CHARGED
charged	161	*	IMP VIOLATIONS CHARGED
chassis	112	12	Large Limousine (more than four side doo
chassis	154	12	Large Limousine (more than four side doo
cherokee	112	15	Large Utility (Jeep Cherokee, Ramcharger
cherokee	154	15	Large Utility (Jeep Cherokee, Ramcharger
chev	112	16	Utility Station Wagon (Chev. Suburban, G
chev	154	16	Utility Station Wagon (Chev. Suburban, G
chevrolet	109	20	Chevrolet
chevy	112	21	Large van (Sportvan, Chevy Van, Club Wag
chevy	154	21	Large van (Sportvan, Chevy Van, Club Wag

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
child	206	6	Child safety seat
chrysler	109	6	Chrysler
city	112	97	Other type vehicle (e.g., go-cart, fork
city	154	97	Other type vehicle (e.g., go-cart, fork
cj-5	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
cj-5	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
classify	26	37	Insufficient information to classify
cleaned	105	14	Broken or improperly cleaned windshield
clear	26	6	Cyclist fails to clear intersection; mot
clockwise	140	2	Vehicle Rotated (Yawed) Clockwise
club	112	21	Large van (Sportvan, Chevy Van, Club Wag
club	154	21	Large van (Sportvan, Chevy Van, Club Wag
code	147	*	DRIVERS ZIP CODE
coded	27	8	No Person Coded in Crash
coded	28	98	No Person Coded
coded	29	8	No Person Coded
coded	37	8	No Person Coded
coded	43	8	No Person Coded in Crash
coded	45	99	No Person Coded
coded	144	8	No Person Coded in Crash
coded	145	98	No person coded
coded	146	8	No Person Coded
coded	159	8	No Person Coded in Crash
coded	160	99	Not applicable - No occupants coded for
coded	163	8	No Person Coded
collide	26	26	Vehicles collide head-on; wrong-way bicy
collided	26	25	Vehicles collided at uncontrolled inters
collision	12	*	MANNER OF COLLISION
collision	42	*	IMP MANNER OF COLLISION
collision	138	0	Not applicable/no collision
color	21	1	Traffic control signal (on colors)
color	50	1	Traffic control signal (on colors)
combination	140	20	Combination of 02 through 09
commercial	26	2	Cyclist fails to yield at a commercial d
compact	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
compact	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
concrete	11	36	Concrete traffic barrier or other longit
concrete	39	36	Concrete traffic barrier or other longit
concrete	113	6	Concrete Mixer
concrete	136	36	Concrete traffic barrier or other longit
concrete	164	36	Concrete traffic barrier or other longit
condition	20	*	ROADWAY SURFACE COND
condition	21	41	Warning Sign for Road Conditions (hill,
condition	23	*	LIGHT CONDITION
condition	24	*	ATMOSPHERIC CONDITION
condition	41	*	IMP LIGHT CONDITION
condition	49	*	IMP ROADWAY SURFACE COND
condition	50	41	Warning Sign for Road Conditions (hill,
condition	51	*	I ATMOSPHERIC CONDITION
condition	106	2	Poor road conditions (puddle, ice, potho
condition	138	50	Poor Road Conditions (puddle, pothole, i
congressional	36	2	Congressional high priority route
connector	36	4	STRAHNET major connector
construction	21	42	Warning Sign for Road Construction
construction	50	42	Warning Sign for Road Construction
construction	112	93	Construction equipment other than trucks

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
construction	116	12	Construction equipment
construction	154	93	Construction equipment other than trucks
contrib	123	*	VEHICLE CONTRIB FACTORS
control	21	*	TRAFFIC CONTROL DEVICE
control	26	14	Motorist loses control of vehicle
control	50	*	I TRAFFIC CONTROL DEVICE
control	123	13	Driver seating and control
control	140	*	PRECRASH VEHICLE CONTROL
control	318	8	Failure to obey traffic signs/control de
controlled	26	12	Motorist fails to stop at intersection c
conventional	112	39	Unknown (pickup style) light conventiona
conventional	154	39	Unknown (pickup style) light conventiona
convertible	112	1	Convertible (excludes sun roof, t-bar)
convertible	154	1	Convertible (excludes sun roof, t-bar)
corner	26	31	Bicyclist cuts corner when turning left;
corner	128	11	Front right corner
corner	156	11	Front right corner
corrective	137	18	Successful corrective action to a previo
corrective	139	*	CORRECTIVE ACTION ATTEMP
corrective	141	99	Vehicle Path After Corrective Action Unk
corrective	157	18	Successful corrective action to a previo
counter-clockwise	140	3	Vehicle Rotated (Yawed) Counter-Clockwis
counteract	26	15	Motorist and cyclist counteract each oth
counteractive	26	30	Vehicles collide head-on; counteractive
country	33	*	REGION OF COUNTRY
country	112	50	School bus (designed to carry students,
country	151	*	REGION OF COUNTRY
country	154	50	School bus (designed to carry students,
country	223	*	REGION OF COUNTRY
country	323	*	REGION OF COUNTRY
coupe	112	2	2-door sedan, hardtop, coupe
coupe	154	2	2-door sedan, hardtop, coupe
crash	11	33	Impact attenuator or crash cushion
crash	21	43	Warning Sign for Environment/Traffic (fo
crash	27	8	No Person Coded in Crash
crash	39	33	Impact attenuator or crash cushion
crash	43	8	No Person Coded in Crash
crash	50	43	Warning Sign for Environment/Traffic (fo
crash	107	5	Other crash ("rubbernecking")
crash	136	33	Impact attenuator or crash cushion
crash	143	98	Other crash type
crash	144	8	No Person Coded in Crash
crash	159	8	No Person Coded in Crash
crash	164	33	Impact attenuator or crash cushion
crash	213	6	Died prior to crash
crash	228	6	Died prior to crash
crash	313	6	Died prior to crash
crash	328	6	Died prior to crash
crashes	31	1	Group 1 - Crashes involving a towed pass
crashes	149	1	Group 1 - Crashes involving a towed pass
crashes	221	1	Group 1 - Crashes involving a towed pass
crashes	321	1	Group 1 - Crashes involving a towed pass
critical	137	*	PRIOR TO CRITICAL EVENT
critical	138	*	CRITICAL EVENT
critical	157	*	I PRIOR TO CRITICAL EVEN
crop	105	5	Trees, crops, vegetation



GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
cross	26	610	Waiting to cross
cross	112	50	School bus (designed to carry students,
cross	154	50	School bus (designed to carry students,
cross-buck	21	62	Passive devices (stop sign, cross-bucks)
cross-buck	50	62	Passive devices (stop sign, cross-bucks)
crossing	14	5	Rail Grade Crossing
crossing	21	51	Officer, Crossing guard, Flagman, etc.
crossing	26	25	Vehicles collided at uncontrolled inters
crossing	47	5	Rail Grade Crossing
crossing	50	51	Officer, Crossing guard, Flagman, etc.
crossing	318	22	Improper crossing of roadway or intersec
crosswalk	319	1	Intersection - in crosswalk
crosswind	24	8	Other (smog, smoke, blowing sand/dust/sn
crosswind	51	8	Other (smog, smoke, blowing sand/dust/sn
crutches	215	3	Requires cane or crutches
crutches	315	3	Requires cane or crutches
culvert	11	38	Culvert or Ditch
culvert	39	38	Culvert or Ditch
culvert	136	38	Culvert or Ditch
culvert	164	38	Culvert or Ditch
curb	11	39	Curb
curb	26	4	Cyclist fails to yield at a midblock loc
curb	39	39	Curb
curb	126	20	Tripped Rollover - By Curb
curb	136	39	Curb
curb	164	39	Curb
curve	18	2	Curve
curve	38	2	Curve
curve	105	3	Curve, hill
curve	137	15	Negotiating a curve
curve	157	15	Negotiating a curve
cushion	11	33	Impact attenuator or crash cushion
cushion	39	33	Impact attenuator or crash cushion
cushion	136	33	Impact attenuator or crash cushion
cushion	164	33	Impact attenuator or crash cushion
cuts	26	31	Bicyclist cuts corner when turning left;
cycle	11	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	39	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	112	88	Other motored cycle type (minibike, moto
cycle	136	22	Cycle or cyclist (pedalcycle or pedalcyc
cycle	154	88	Other motored cycle type (minibike, moto
cycle	164	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	11	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	26	*	PED/CYCLIST ACC TYPE
cyclist	39	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	164	22	Cycle or cyclist (pedalcycle or pedalcyc
cyclist	304	6	Cyclist (pedalcyclist)
cyclist's	26	17	Cyclist's path obstructed; cyclist strik
daihatsu	109	60	Daihatsu
damage	128	0	No damage/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

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
damage	134	*	DAMAGE SEVERITY
damage	135	2	Towed due to damage
damage	156	0	No damage/noncollision
damaged	129	7	All areas damaged
damaged	130	7	All areas damaged
damaged	131	7	All areas damaged
damaged	132	7	All areas damaged
damaged	133	7	All areas damaged
dark	23	2	Dark
dark	41	2	Dark
dart-out	26	821	Midblock dart-out - first half
darting	318	21	Darting or running into road
dash	26	730	Intersection dash
date	2	*	ACCIDENT DATE - MONTH
date	3	*	ACCIDENT DATE - YEAR
datsum	109	35	Nissan/Datsun
dawn	23	4	Dawn
dawn	41	4	Dawn
day	4	*	ACCIDENT DAY OF WEEK
day	52	*	IMP ACC DAY OF WEEK
daylight	23	1	Daylight
daylight	41	1	Daylight
deaf	215	6	Deaf
deaf	315	6	Deaf
decelerating	137	2	Decelerating in traffic lane
decelerating	138	215	Traveling in Same Direction While Decelerating
decelerating	157	2	Decelerating in traffic lane
december	2	12	December
defect	123	0	No vehicle defects
defog	105	9	Inadequate defrost or defog system
defrost	105	9	Inadequate defrost or defog system
deleted	137	94	More than two vehicles involved (deleted)
departed	141	4	Vehicle Departed Roadway
departure	138	102	End Departure
deployed	208	1	Deployed
derivative	112	13	Three wheeled automobile or automobile d
derivative	154	13	Three wheeled automobile or automobile d
design	105	4	Building, billboard, or other design feature
designed	112	50	School bus (designed to carry students,
designed	154	50	School bus (designed to carry students,
detect	26	13	Motorist fails to detect cyclist
device	21	*	TRAFFIC CONTROL DEVICE
device	50	*	I TRAFFIC CONTROL DEVICE
device	304	4	Occupant of a non-motor vehicle transported
device	318	8	Failure to obey traffic signs/control devices
diagonal	138	330	From Parallel/Diagonal Parking Lane
diamond	109	81	Diamond Reo, Reo
died	27	6	Died Prior
died	43	6	Died Prior
died	144	6	Died Prior
died	159	6	Died Prior
died	213	6	Died prior to crash
died	228	6	Died prior to crash
died	313	6	Died prior to crash
died	328	6	Died prior to crash
direction	12	5	Sideswipe, same direction

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
direction	26	18	Cyclist turns left in front of motorist
direction	42	5	Sideswipe, same direction
direction	138	210	Traveling in Same Direction With Lower S
direction	140	9	Vehicle Rotated (Yawed) Unknown Directio
directions	139	15	Steered in Both Directions
dirt	20	5	Sand, dirt, oil
dirt	49	5	Sand, dirt, oil
disabled	26	310	To/from disabled vehicle
disabled	137	6	Disabled or parked in travel lane
disabled	157	6	Disabled or parked in travel lane
disabling	134	3	Disabling (severe)
disabling	138	30	Disabling Vehicle Failure (e.g. wheel fe
display	107	2	Vehicle instrument display (radio, casse
distracted	107	*	DRIVER DISTRACTED BY
distractions	107	4	Other internal distractions
ditch	11	38	Culvert or Ditch
ditch	39	38	Culvert or Ditch
ditch	126	22	Tripped Rollover - By Ditch
ditch	136	38	Culvert or Ditch
ditch	164	38	Culvert or Ditch
divided	16	1	Not physically divided (two way trafficw
dodge	109	7	Dodge
domestic	109	29	Other domestic
door	112	7	Hatchback, number of doors unknown
door	123	14	Body, doors
door	154	7	Hatchback, number of doors unknown
drive	26	35	Motorist drive out from on-street parkin
drive	123	5	Power train - universal joint, drive sha
driven	135	1	Driven away
driver	26	760	Driver violation
driver	103	*	DRIVER PRESENCE
driver	106	*	DRIVER MANEUVER TO AVOID
driver	107	*	DRIVER DISTRACTED BY
driver	108	1	Yes, driver or car and driver left scene
driver	123	13	Driver seating and control
driver	137	0	No driver present
driver	139	99	Unknown if Driver Attempted Any Correcti
driver	140	0	No Driver Presence
driver	141	0	No Driver Present
driver	147	*	DRIVERS ZIP CODE
driver	155	1	Yes, driver or car and driver left scene
driver	157	0	No driver present
driver	204	1	Driver of motor vehicle in transport
driver	319	0	Not applicable - driver or occupant of M
driver'	205	11	Front seat - left side (driver's side)
driver'	229	11	Front seat - left side (driver's side)
driverless	26	210	Driverless vehicle
driverless	103	0	Unattended vehicle (driverless or no dri
driveway	14	3	Driveway, Alley Access, Etc.
driveway	26	1	Cyclist fails to yield at a residential
driveway	47	3	Driveway, Alley Access, Etc.
driveway	138	430	Entering Driveway, Alley Access, Etc.
driving	24	1	No adverse atmospheric related driving c
driving	51	1	No adverse atmospheric related driving c
driving	104	4	Reckless driving
driving	161	4	Reckless driving

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
driving	318	10	Driving on wrong side of road
drowsy	215	2	Drowsy, sleepy, fell asleep, fatigued
drowsy	315	2	Drowsy, sleepy, fell asleep, fatigued
drug	104	1	Alcohol or drugs
drug	161	1	Alcohol or drugs
drug	216	7	Alcohol and/or drugs involved
drug	217	*	PAR DRUG INVOLVEMENT
drug	226	7	Alcohol and/or drugs involved
drug	316	7	Alcohol and/or drugs involved
drug	317	*	PAR DRUG INVOLVEMENT
drug	326	7	Alcohol and/or drugs involved
dry	20	1	Dry
dry	49	1	Dry
ducati	109	71	Ducati
dump	112	40	Cab chassis based (includes rescue vehic
dump	113	5	Dump
dump	154	40	Cab chassis based (includes rescue vehic
dusk	23	5	Dusk
dusk	41	5	Dusk
dust	24	8	Other (smog, smoke, blowing sand/dust/sn
dust	51	8	Other (smog, smoke, blowing sand/dust/sn
dust	105	1	Rain, snow, fog, smoke, sand, dust
each	26	15	Motorist and cyclist counteract each oth
eagle	109	10	Eagle
eagle	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
eagle	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
earlier	111	40	1940 and earlier
earlier	158	40	1940 and earlier
eating	318	24	Inattentive (talking, eating, etc.)
econoline	112	21	Large van (Sportvan, Chevy Van, Club Wag
econoline	154	21	Large van (Sportvan, Chevy Van, Club Wag
edge	138	100	Over Left Edge of Roadway
eis	36	1	Eisenhower Interstate System (EIS)
eisenhower	36	1	Eisenhower Interstate System (EIS)
either	26	24	Motorist makes right turn in front of cy
ejected	210	0	Not ejected
ejected	227	0	Not ejected
ejection	210	*	OCCUPANT EJECTION
ejection	227	*	IMPUT OCCUPANT EJECTION
el	112	10	Auto based pickup (includes El Camino, C
el	154	10	Auto based pickup (includes El Camino, C
embankment	11	40	Embankment
embankment	39	40	Embankment
embankment	105	4	Building, billboard, or other design fea
embankment	136	40	Embankment
embankment	164	40	Embankment
emergency	26	330	Emergency vehicle related
emergency	120	*	EMERGENCY USE
enclosed	113	2	Van/Enclosed Box
encroaching	138	497	Encroaching - Other
engine	138	20	Stalled Engine
entering	26	150	Entering/exiting
entering	137	8	Entering a parked position
entering	138	410	Entering Intersection - Turning Into Sam
entering	157	8	Entering a parked position
entrance	14	4	Entrance/Exit Ramp

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
entrance	47	4	Entrance/Exit Ramp
entrance	138	460	Entering From "Yield" Entrance (Ramp/Cha
entry	26	4	Cyclist fails to yield at a midblock loc
entry	318	5	Making improper entry to or exit from tr
environment	21	43	Warning Sign for Environment/Traffic (fo
environment	50	43	Warning Sign for Environment/Traffic (fo
equipment	112	92	Farm equipment other than trucks
equipment	116	11	Farm equipment
equipment	154	92	Farm equipment other than trucks
equipment	309	*	NONMOT SAFETY EQUIP USE
equipment	318	2	Operating without required equipment
erratic	318	3	Improper or erratic lane changing
evasive	26	15	Motorist and cyclist counteract each oth
even	157	*	I PRIOR TO CRITICAL EVENT
event	11	*	FIRST HARMFUL EVENT
event	39	*	IMP FIRST HARMFUL EVENT
event	136	*	MOST HARMFUL EVENT
event	137	*	PRIOR TO CRITICAL EVENT
event	138	*	CRITICAL EVENT
event	157	18	Successful corrective action to a previo
event	164	*	IMP MOST HARMFUL EVENT
excessive	138	60	Excessive Speed
excluding	112	6	Station Wagon (excluding van and truck b
excluding	154	6	Station Wagon (excluding van and truck b
exhaust	123	6	Exhaust system
exit	14	4	Entrance/Exit Ramp
exit	47	4	Entrance/Exit Ramp
exit	318	5	Making improper entry to or exit from tr
exiting	26	150	Entering/exiting
explosion	11	2	Fire/Explosion
explosion	39	2	Fire/Explosion
explosion	136	2	Fire/Explosion
explosion	164	2	Fire/Explosion
expressway	26	520	Expressway crossing
exterior	205	53	Riding on vehicle exterior
exterior	229	53	Riding on vehicle exterior
external	107	6	Other external distractions
factor	123	*	VEHICLE CONTRIB FACTORS
failing	318	1	Failing to have lights on when required
fails	26	1	Cyclist fails to yield at a residential
failure	104	6	Failure to yield right-of-way
failure	138	30	Disabling Vehicle Failure (e.g. wheel fe
failure	161	6	Failure to yield right-of-way
failure	318	4	Failure to keep in proper lane or runnin
falling	11	10	Thrown or falling object
falling	39	10	Thrown or falling object
falling	136	10	Thrown or falling object
falling	164	10	Thrown or falling object
farm	112	92	Farm equipment other than trucks
farm	116	11	Farm equipment
farm	154	92	Farm equipment other than trucks
fatal	27	4	Fatal
fatal	43	4	Fatal
fatal	144	4	Fatal
fatal	159	4	Fatal
fatal	213	4	K - fatal injury

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
fatal	228	4	K - fatal injury
fatal	313	4	K - fatal injury
fatal	328	4	K - fatal injury
fatigued	215	2	Drowsy, sleepy, fell asleep, fatigued
fatigued	315	2	Drowsy, sleepy, fell asleep, fatigued
feature	105	4	Building, billboard, or other design fea
february	2	2	February
fell	11	6	Noncollision injury (injured in vehicle,
fell	39	6	Noncollision injury (injured in vehicle,
fell	138	30	Disabling Vehicle Failure (e.g. wheel fe
fell	215	2	Drowsy, sleepy, fell asleep, fatigued
fell	315	2	Drowsy, sleepy, fell asleep, fatigued
female	212	2	Female
female	230	2	Female
female	312	2	Female
female	330	2	Female
fence	11	41	Fence
fence	39	41	Fence
fence	136	41	Fence
fence	164	41	Fence
fiat	109	36	Fiat
fire	11	2	Fire/Explosion
fire	39	2	Fire/Explosion
fire	116	7	Fire truck and car
fire	127	*	FIRE OCCURRENCE
fire	136	2	Fire/Explosion
fire	164	2	Fire/Explosion
fixed	11	28	Other object not fixed
fixed	39	28	Other object not fixed
fixed	136	28	Other object not fixed
fixed	164	28	Other object not fixed
flagman	21	51	Officer, Crossing guard, Flagman, etc.
flagman	50	51	Officer, Crossing guard, Flagman, etc.
flashing	21	4	Flashing traffic control signal or flash
flashing	26	9	Motorist obeys intersection stop sign or
flashing	50	4	Flashing traffic control signal or flash
flat	138	10	Blow Out or Flat Tire
flatbed	113	4	Flatbed
flow	16	*	TRAFFICWAY FLOW
fog	21	43	Warning Sign for Environment/Traffic (fo
fog	24	5	Fog
fog	50	43	Warning Sign for Environment/Traffic (fo
fog	51	5	Fog
fog	105	1	Rain, snow, fog, smoke, sand, dust
ford	109	12	Ford
ford	112	21	Large van (Sportvan, Chevy Van, Club Wag
ford	154	21	Large van (Sportvan, Chevy Van, Club Wag
foreign	109	69	Other foreign
fork	112	97	Other type vehicle (e.g., go-cart, fork
fork	154	97	Other type vehicle (e.g., go-cart, fork
freightliner	109	82	Freightliner, White
friday	4	6	Friday
friday	52	6	Friday
front	26	18	Cyclist turns left in front of motorist
front	128	1	Front
front	129	1	Front

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
front	130	1	Front
front	131	1	Front
front	132	1	Front
front	133	1	Front
front	156	1	Front
front	205	11	Front seat - left side (driver's side)
front	229	11	Front seat - left side (driver's side)
function	208	*	AIRBAG AVAIL/FUNCTION
functional	134	2	Functional (moderate)
fwd	109	83	FWD
garbage	113	8	Garbage/Refuse
gate	21	61	Active devices (gates, flashing lights,
gate	50	61	Active devices (gates, flashing lights,
general	109	3	AM General
glare	105	2	Reflected glare, bright sunlight, headli
gmc	109	23	GMC
gmc	112	16	Utility Station Wagon (Chev. Suburban, G
gmc	154	16	Utility Station Wagon (Chev. Suburban, G
go-cart	112	97	Other type vehicle (e.g., go-cart, fork
go-cart	154	97	Other type vehicle (e.g., go-cart, fork
golden	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
golden	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
grade	14	5	Rail Grade Crossing
grade	19	2	Grade
grade	21	41	Warning Sign for Road Conditions (hill,
grade	46	2	Grade
grade	47	5	Rail Grade Crossing
grade	50	41	Warning Sign for Road Conditions (hill,
grader	112	93	Construction equipment other than trucks
grader	154	93	Construction equipment other than trucks
grand	112	16	Utility Station Wagon (Chev. Suburban, G
grand	154	16	Utility Station Wagon (Chev. Suburban, G
grate	11	50	Pavement Surface Irregularity (ruts, pot
grate	39	50	Pavement Surface Irregularity (ruts, pot
grate	136	50	Pavement surface irregularity (ruts, pot
grate	164	50	Pavement Surface Irregularity (ruts, pot
ground	11	31	Ground
ground	39	31	Ground
ground	136	31	Ground
ground	164	31	Ground
group	31	1	Group 1 - Crashes involving a towed pass
group	149	1	Group 1 - Crashes involving a towed pass
group	221	1	Group 1 - Crashes involving a towed pass
group	321	1	Group 1 - Crashes involving a towed pass
grumman	109	25	Grumman
guard	21	51	Officer, Crossing guard, Flagman, etc.
guard	50	51	Officer, Crossing guard, Flagman, etc.
guardrail	11	35	Guardrail
guardrail	39	35	Guardrail
guardrail	126	21	Tripped Rollover - By Guardrail
guardrail	136	35	Guardrail
guardrail	164	35	Guardrail
hail	24	8	Other (smog, smoke, blowing sand/dust/sn
hail	51	8	Other (smog, smoke, blowing sand/dust/sn
hardtop	112	2	2-door sedan, hardtop, coupe
hardtop	154	2	2-door sedan, hardtop, coupe

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
harley-davidson	109	72	Harley-Davidson
harmful	11	*	FIRST HARMFUL EVENT
harmful	39	*	IMP FIRST HARMFUL EVENT
harmful	136	*	MOST HARMFUL EVENT
harmful	164	*	IMP MOST HARMFUL EVENT
harvester	109	84	International Harvester/Navistar
hatchback	112	3	3-door/2-door hatchback
hatchback	154	3	3-door/2-door hatchback
hazardous	117	*	HAZ MATERIAL PLACARD NO
hazardous	118	*	HAZ MATERIALS PLACARDED
hazardous	119	*	HAZ MATERIALS RELEASE
head	105	13	Head restraints
head-on	12	2	Head-on
head-on	26	26	Vehicles collide head-on; wrong-way bicy
head-on	42	2	Head-on
headlight	105	2	Reflected glare, bright sunlight, headli
headlight	123	7	Headlights
healey	109	33	Austin/Austin Healey
hearse	112	11	Auto based panel (cargo station wagon, a
hearse	116	10	Hearse
hearse	154	11	Auto based panel (cargo station wagon, a
heating	107	2	Vehicle instrument display (radio, casse
heavy	112	65	Medium/heavy truck based motorhome
heavy	154	65	Medium/heavy truck based motorhome
helmet	206	5	Motorcycle helmet
helmet	309	1	Bicycle helmet
hi-cube	112	28	Other van type (Hi-Cube, Kary)
hi-cube	154	28	Other van type (Hi-Cube, Kary)
high	36	2	Congressional high priority route
higher	138	220	Traveling in Same Direction With Higher
highway	13	*	INTERSTATE HIGHWAY
highway	16	2	Divided highway (median strip, barrier)
highway	36	3	Strategic Highway Network (STRAHNET) rou
hill	21	41	Warning Sign for Road Conditions (hill,
hill	50	41	Warning Sign for Road Conditions (hill,
hill	105	3	Curve, hill
hillcrest	19	3	Hillcrest
hillcrest	46	3	Hillcrest
hit-and-run	103	2	Hit-and-run
hit-and-run	105	50	Hit-and-run vehicle
hit-and-run	108	*	HIT-AND-RUN
hit-and-run	123	50	Hit-and-run vehicle
hit-and-run	155	*	IMPUTED HIT-AND-RUN
hitch	123	15	Trailer hitch
hitchhiking	26	510	Hitchhiking
honda	109	37	Honda
hospital	214	*	TAKEN TO HOSP/TREATMENT
hospital	314	*	TAKEN TO HOSP/TREATMENT
hot	26	230	Hot pursuit
hour	5	*	ACCIDENT TIME - HOUR
hour	40	*	IMP ACCIDENT TIME - HOUR
hvy	31	1	Group 1 - Crashes involving a towed pass
hvy	149	1	Group 1 - Crashes involving a towed pass
hvy	221	1	Group 1 - Crashes involving a towed pass
hvy	321	1	Group 1 - Crashes involving a towed pass
hydrant	11	43	Fire hydrant



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Item	Var	CV	Variable Name or Code Value
hydrant	39	43	Fire hydrant
hydrant	136	43	Fire hydrant
hydrant	164	43	Fire hydrant
hyundai	109	55	Hyundai
ice	20	4	Ice
ice	49	4	Ice
ice	106	2	Poor road conditions (puddle, ice, potho
ice	138	50	Poor Road Conditions (puddle, pothole, i
identifier	153	*	CARRIER'S ID NUMBER
ill	215	1	Ill, blackout
ill	315	1	Ill, blackout
immersion	11	3	Immersion
immersion	39	3	Immersion
immersion	136	3	Immersion
immersion	164	3	Immersion
impac	156	*	I INITIAL POINT OF IMPAC
impact	11	33	Impact attenuator or crash cushion
impact	39	33	Impact attenuator or crash cushion
impact	128	*	INITIAL POINT OF IMPACT
impact	136	33	Impact attenuator or crash cushion
impact	143	0	No impact
impact	156	99	Initial point of impact unknown
impact	164	33	Impact attenuator or crash cushion
impaired	215	5	Impaired due to previous injury
impaired	315	5	Impaired due to previous injury
impairment	215	*	OCCUPANT IMPAIRMENT
impairment	315	*	NMTR PHYSICAL IMPAIRMENT
imperial	109	8	Imperial
improper	318	3	Improper or erratic lane changing
improperly	105	14	Broken or improperly cleaned windshield
imputed	37	*	IMP ALC INVOLVED IN ACC
imputed	38	*	IMP ROADWAY ALIGNMENT
imputed	39	*	IMP FIRST HARMFUL EVENT
imputed	40	*	IMP ACCIDENT TIME - HOUR
imputed	41	*	IMP LIGHT CONDITION
imputed	42	*	IMP MANNER OF COLLISION
imputed	43	*	IMP MAX INJ SEV. IN ACC
imputed	44	*	IMP ACC TIME - MINUTE
imputed	46	*	IMPUTED ROADWAY PROFILE
imputed	47	*	IMP RELATION TO JUNCTION
imputed	48	*	IMPUTED SPEED LIMIT
imputed	49	*	IMP ROADWAY SURFACE COND
imputed	52	*	IMP ACC DAY OF WEEK
imputed	154	*	IMPUTED BODY TYPE
imputed	155	*	IMPUTED HIT-AND-RUN
imputed	158	*	IMPUTED MODEL YEAR
imputed	159	*	IMP MAX INJ SEV. IN VEH
imputed	160	*	IMP NUM INJURED IN VEH
imputed	161	*	IMP VIOLATIONS CHARGED
imputed	162	*	IMPUTED VEHICLE ROLE
imputed	163	*	IMP ALC INVOLVED IN VEH
imputed	164	*	IMP MOST HARMFUL EVENT
imputed	225	*	IMPUTED OCCUPANT AGE
imputed	226	*	IMP PAR ALC INVOLVEMENT
imputed	227	*	IMP UT OCCUPANT EJECTION
imputed	228	*	IMP OCC INJURY SEVERITY

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
imputed	229	*	IMP OCC SEATING POSITION
imputed	230	*	IMPUTED OCCUPANT SEX
imputed	325	*	IMPUTED NONMOTORIST AGE
imputed	326	*	IMP PAR ALC INVOLVEMENT
imputed	328	*	IMP NMTR INJURY SEVERITY
imputed	330	*	IMPUTED NONMOTORIST SEX
inadequate	26	920	Inadequate information
inadequate	105	9	Inadequate defrost or defog system
inattentive	318	24	Inattentive (talking, eating, etc.)
incapacitating	27	3	Incapacitating
incapacitating	43	3	Incapacitating
incapacitating	144	3	Incapacitating
incapacitating	159	3	Incapacitating
incapacitating	213	3	A - incapacitating injury
incapacitating	228	3	A - incapacitating injury
incapacitating	313	3	A - incapacitating injury
incapacitating	328	3	A - incapacitating injury
infiniti	109	58	Infiniti
information	26	37	Insufficient information to classify
information	104	50	Hit & run (and no information)
information	106	50	Hit & run (and no information)
information	107	50	Hit & run (and no information)
information	161	50	Hit & run (and no information)
initial	128	*	INITIAL POINT OF IMPACT
initial	156	*	I INITIAL POINT OF IMPAC
injured	11	6	Noncollision injury (injured in vehicle,
injured	39	6	Noncollision injury (injured in vehicle,
injured	145	*	NUMBER INJURED IN VEH
injured	160	*	IMP NUM INJURED IN VEH
injured	213	5	U - Injured - severity unknown
injured	228	5	U - Injured - severity unknown
injured	313	5	U - Injured - severity unknown
injured	328	5	U - Injured - severity unknown
injury	11	6	Noncollision injury (injured in vehicle,
injury	27	*	MAX INJ SEVERITY IN ACC
injury	28	*	NUM INJ PERSONS IN ACC
injury	31	2	Group 2 - Crashes involving a med/hvy tr
injury	39	6	Noncollision injury (injured in vehicle,
injury	43	*	IMP MAX INJ SEV. IN ACC
injury	45	*	I NUM INJ PERSONS IN ACC
injury	121	97	Unknown - only injury reported
injury	136	6	Noncollision injury
injury	144	*	MAX INJ SEVERITY IN VEH
injury	149	2	Group 2 - Crashes involving a med/hvy tr
injury	159	*	IMP MAX INJ SEV. IN VEH
injury	164	6	Noncollision injury
injury	213	*	OCC INJURY SEVERITY
injury	215	5	Impaired due to previous injury
injury	221	2	Group 2 - Crashes involving a med/hvy tr
injury	228	*	IMP OCC INJURY SEVERITY
injury	313	*	NMTR INJURY SEVERITY
injury	315	5	Impaired due to previous injury
injury	321	2	Group 2 - Crashes involving a med/hvy tr
injury	328	*	IMP NMTR INJURY SEVERITY
instrument	107	2	Vehicle instrument display (radio, casse
insufficient	26	37	Insufficient information to classify

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
intended	138	429	Entering Intersection - Intended Path Un
interchange	14	18	Other Location in Interchange
interchange	47	18	Other Location in Interchange
intercity	112	58	Other bus (e.g., transit intercity bus b
intercity	154	58	Other bus (e.g., transit intercity bus b
interior	105	11	Obstruction interior to vehicle
internal	107	4	Other internal distractions
international	109	84	International Harvester/Navistar
intersecting	26	99	Intersecting path - unknown
intersection	14	1	Intersection
intersection	26	5	Cyclist fails to yield at intersection
intersection	47	1	Intersection
intersection	138	410	Entering Intersection - Turning Into Sam
intersection	318	22	Improper crossing of roadway or intersec
intersection	319	1	Intersection - in crosswalk
interstate	13	*	INTERSTATE HIGHWAY
interstate	36	1	Eisenhower Interstate System (EIS)
involvd	31	2	Group 2 - Crashes involving a med/hvy tr
involvd	149	2	Group 2 - Crashes involving a med/hvy tr
involvd	221	2	Group 2 - Crashes involving a med/hvy tr
involvd	321	2	Group 2 - Crashes involving a med/hvy tr
involved	7	*	NUM VEH INVOLVED IN ACC
involved	8	*	NUM NMTR INVOLVED IN ACC
involved	26	0	No pedestrian/cyclist involved
involved	29	*	ALCOHOL INVOLVED IN ACC
involved	31	3	Group 3 - Crashes not involving a towed
involved	37	*	IMP ALC INVOLVED IN ACC
involved	103	0	Unattended vehicle (driverless or no dri
involved	121	*	NUM OCC INVOLVED IN VEH
involved	137	94	More than two vehicles involved (deleted
involved	138	994	More than two vehicles involved
involved	139	94	More than two vehicles involved
involved	140	94	More than two vehicles involved
involved	141	94	More than two vehicles involved
involved	146	*	ALCOHOL INVOLVED IN VEH
involved	149	3	Group 3 - Crashes not involving a towed
involved	157	94	More than two vehicles involved
involved	163	*	IMP ALC INVOLVED IN VEH
involved	216	0	No (alcohol not involved)
involved	217	0	No (drugs not involved)
involved	221	3	Group 3 - Crashes not involving a towed
involved	226	0	No (alcohol not involved)
involved	316	0	No (alcohol not involved)
involved	317	0	No (drugs not involved)
involved	321	3	Group 3 - Crashes not involving a towed
involved	326	0	No (alcohol not involved)
involving	31	1	Group 1 - Crashes involving a towed pass
involving	149	1	Group 1 - Crashes involving a towed pass
involving	221	1	Group 1 - Crashes involving a towed pass
involving	321	1	Group 1 - Crashes involving a towed pass
irregularity	11	50	Pavement Surface Irregularity (ruts, pot
irregularity	39	50	Pavement Surface Irregularity (ruts, pot
irregularity	136	50	Pavement surface irregularity (ruts, pot
irregularity	164	50	Pavement Surface Irregularity (ruts, pot
isuzu	109	38	Isuzu
iveco	109	88	Iveco/Magirus

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
jackknife	11	5	Jackknife
jackknife	39	5	Jackknife
jackknife	125	*	JACKKNIFE
jackknife	136	5	Jackknife
jackknife	164	5	Jackknife
jaguar	109	39	Jaguar
jan	137	94	More than two vehicles involved (deleted
january	2	1	January
jaywalking	318	22	Improper crossing of roadway or intersec
jeep	109	2	Jeep (includes Kaiser-Jeep)
jeep	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
jeep	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
jogger	318	25	Jogger
joint	123	3	Steering system - tie rod, kingpin, ball
july	2	7	July
junction	14	*	RELATION TO JUNCTION
junction	47	*	IMP RELATION TO JUNCTION
june	2	6	June
jurisdiction	30	*	POLICE JURISDICTION
jurisdiction	148	*	POLICE JURISDICTION
jurisdiction	220	*	POLICE JURISDICTION
jurisdiction	320	*	POLICE JURISDICTION
kaiser-jeep	109	2	Jeep (includes Kaiser-Jeep)
kary	112	28	Other van type (Hi-Cube, Kary)
kary	154	28	Other van type (Hi-Cube, Kary)
kawasaki	109	73	Kawasaki
kenworth	109	85	Kenworth
kg	112	22	Step van or walk-in van (< 4,500 kg GVWR
kg	154	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	15	2	On Shoulder or Parking Lane
lane	17	*	NUMBER OF TRAVEL LANES
lane	137	2	Decelerating in traffic lane
lane	138	300	From Adjacent Lane (Opposite Direction)
lane	141	1	Vehicle Stayed In Travel Lane
lane	157	2	Decelerating in traffic lane
lane	318	3	Improper or erratic lane changing
lap	206	1	Lap/shoulder belt
laterally	140	5	Vehicle Slid/Skid Laterally - No Rotatio
least	31	2	Group 2 - Crashes involving a med/hvy tr
least	149	2	Group 2 - Crashes involving a med/hvy tr
least	221	2	Group 2 - Crashes involving a med/hvy tr
least	321	2	Group 2 - Crashes involving a med/hvy tr
leave	108	0	No, did not leave scene
leave	155	0	No, did not leave scene
leaving	135	*	MANNER OF LEAVING SCENE
leaving	137	7	Leaving a parked position
leaving	157	7	Leaving a parked position
left	26	18	Cyclist turns left in front of motorist
left	108	1	Yes, driver or car and driver left scene
left	128	12	Front left corner
left	137	11	Turning left

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	138	100	Over Left Edge of Roadway
left	139	2	Steered to Left
left	141	2	Vehicle Stayed On Roadway But Left Trave
left	155	1	Yes, driver or car and driver left scene
left	156	12	Front left corner
left	157	11	Turning left
left	205	11	Front seat - left side (driver's side)
left	229	11	Front seat - left side (driver's side)
leftside	128	3	Leftside
leftside	129	3	Leftside
leftside	130	3	Leftside
leftside	131	3	Leftside
leftside	132	3	Leftside
leftside	133	3	Leftside
leftside	156	3	Leftside
level	19	1	Level
level	46	1	Level
lexus	109	59	Lexus
license	104	5	Driving with a suspended or revoked lice
license	161	5	Driving with a suspended or revoked lice
lift	112	97	Other type vehicle (e.g., go-cart, fork
lift	154	97	Other type vehicle (e.g., go-cart, fork
light	21	61	Active devices (gates, flashing lights,
light	23	*	LIGHT CONDITION
light	26	9	Motorist obeys intersection stop sign or
light	41	*	IMP LIGHT CONDITION
light	50	61	Active devices (gates, flashing lights,
light	112	39	Unknown (pickup style) light conventiona
light	123	8	Signal lights
light	154	39	Unknown (pickup style) light conventiona
light	318	1	Failing to have lights on when required
lighted	23	3	Dark, but lighted
lighted	41	3	Dark, but lighted
lighting	105	10	Inadequate lighting system
limit	22	*	SPEED LIMIT
limit	48	*	IMPUTED SPEED LIMIT
limousine	112	12	Large Limousine (more than four side doo
limousine	154	12	Large Limousine (more than four side doo
lincoln	109	13	Lincoln
line	138	310	From Adjacent Lane (Same Direction) - Ov
listed	109	78	Moped (other than listed manufacturers)
load	105	6	Moving vehicle (including load)
longitudinal	11	36	Concrete traffic barrier or other longit
longitudinal	39	36	Concrete traffic barrier or other longit
longitudinal	136	36	Concrete traffic barrier or other longit
longitudinal	164	36	Concrete traffic barrier or other longit
longitudinally	140	4	Vehicle Slid/Skid Longitudinally - No Ro
loses	26	14	Motorist loses control of vehicle
lot	22	0	No statutory limit (parking lot, alley,
lot	26	29	Parking lot, other open area; crossing p
lot	48	0	No statutory limit (parking lot, alley,
lower	138	210	Traveling in Same Direction With Lower S
lt	31	1	Group 1 - Crashes involving a towed pass
lt	149	1	Group 1 - Crashes involving a towed pass
lt	221	1	Group 1 - Crashes involving a towed pass
lt	321	1	Group 1 - Crashes involving a towed pass

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
lying	318	29	Playing, working, sitting, lying, standi
mack	109	86	Mack
macpherson	123	4	Suspension - springs, shock absorbers, m
magirus	109	88	Iveco/Magirus
mailbox	26	140	Mailbox related
maintained	140	1	Vehicle Control Maintained
major	36	4	STRAHNET major connector
make	109	*	MAKE
make	110	*	MAKE/MODEL
makes	26	21	Cyclist riding on wrong side of street m
male	212	1	Male
male	230	1	Male
male	312	1	Male
male	330	1	Male
maneuver	106	*	DRIVER MANEUVER TO AVOID
maneuvered	106	99	Unknown if driver maneuvered to avoid
manner	12	*	MANNER OF COLLISION
manner	42	*	IMP MANNER OF COLLISION
manner	135	*	MANNER OF LEAVING SCENE
manner	318	6	Operating the vehicle in erratic, reckle
manual	207	2	Manual (Active)
manufacturers	109	78	Moped (other than listed manufacturers)
march	2	3	March
material	117	*	HAZ MATERIAL PLACARD NO
material	118	*	HAZ MATERIALS PLACARDED
material	119	*	HAZ MATERIALS RELEASE
maximum	27	*	MAX INJ SEVERITY IN ACC
maximum	43	*	IMP MAX INJ SEV. IN ACC
maximum	144	*	MAX INJ SEVERITY IN VEH
maximum	159	*	IMP MAX INJ SEV. IN VEH
may	2	5	May
mazda	109	41	Mazda
mechanism	126	29	Tripped Rollover - Unknown Mechanism
med	31	1	Group 1 - Crashes involving a towed pass
med	149	1	Group 1 - Crashes involving a towed pass
med	221	1	Group 1 - Crashes involving a towed pass
med	321	1	Group 1 - Crashes involving a towed pass
median	15	4	On Median
median	16	2	Divided highway (median strip, barrier)
medium	112	65	Medium/heavy truck based motorhome
medium	154	65	Medium/heavy truck based motorhome
mercedes	109	42	Mercedes Benz
mercury	109	14	Mercury
merge	26	720	Vehicle turn/merge
merges	26	3	Cyclist turns/merges into path from resi
merging	137	17	Merging
merging	157	17	Merging
merkur	109	56	Merkur
mg	109	43	MG
midblock	26	4	Cyclist fails to yield at a midblock loc
middle	205	12	Front seat - middle
middle	229	12	Front seat - middle
midnight	5	24	12:00 Midnight
midnight	40	24	12:00 Midnight
midwest	33	2	Midwest
midwest	151	2	Midwest

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
midwest	223	2	Midwest
midwest	323	2	Midwest
military	116	4	Military
minibike	112	88	Other motored cycle type (minibike, moto
minibike	154	88	Other motored cycle type (minibike, moto
minivan	112	20	Minivan (Astro, Caravan, Plymouth Vista,
minivan	154	20	Minivan (Astro, Caravan, Plymouth Vista,
minor	134	1	Minor
minor	138	40	Minor Vehicle Failure
minute	6	*	ACCIDENT TIME - MINUTE
minute	44	*	IMP ACC TIME - MINUTE
mirror	105	12	Mirrors
mirror	123	12	Mirrors
misjudges	26	16	Motorist misjudges space required to pas
mitsubishi	109	52	Mitsubishi
mixer	113	6	Concrete Mixer
model	110	*	MAKE/MODEL
model	111	*	MODEL YEAR
model	158	*	IMPUTED MODEL YEAR
moderate	134	2	Functional (moderate)
monday	4	2	Monday
monday	52	2	Monday
month	2	*	ACCIDENT DATE - MONTH
moped	109	78	Moped (other than listed manufacturers)
moped	112	81	Moped (motorized bicycle)
moped	154	81	Moped (motorized bicycle)
moto-guzzi	109	74	Moto-Guzzi
motor	11	25	Motor vehicle in transport
motor	26	27	Bicyclist overtaking motor vehicle
motor	39	25	Motor vehicle in transport
motor	109	1	American Motors
motor	136	25	Motor vehicle in transport
motor	164	25	Motor vehicle in transport
motor	204	1	Driver of motor vehicle in transport
motor	304	3	Occupant of a motor vehicle not in trans
motorcycle	109	79	Other motorcycle
motorcycle	112	82	Three wheeled motorcycle or moped
motorcycle	154	82	Three wheeled motorcycle or moped
motorcycle	206	5	Motorcycle helmet
motorcyle	112	80	Motorcyle
motorcyle	154	80	Motorcyle
motored	112	88	Other motored cycle type (minibike, moto
motored	154	88	Other motored cycle type (minibike, moto
motorhome	112	23	Van based motorhome
motorhome	154	23	Van based motorhome
motorist	26	6	Cyclist fails to clear intersection; mot
motorized	112	81	Moped (motorized bicycle)
motorized	154	81	Moped (motorized bicycle)
motorscooter	112	88	Other motored cycle type (minibike, moto
motorscooter	154	88	Other motored cycle type (minibike, moto
moving	105	6	Moving vehicle (including load)
moving-vehicle	11	26	Parked motor vehicle (or other mv not in
moving-vehicle	39	26	Parked motor vehicle (or other mv not in
moving-vehicle	319	0	Not applicable - driver or occupant of M
multiple	26	710	Multiple threat intersection
multiple	139	98	Other single or multiple corrective acti

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
navistar	109	84	International Harvester/Navistar
negligent	318	6	Operating the vehicle in erratic, reckle
negotiating	137	15	Negotiating a curve
negotiating	157	15	Negotiating a curve
network	36	3	Strategic Highway Network (STRAHNET) rou
nhs	36	*	NHS ROADWAY TYPE
nissan	109	35	Nissan/Datsun
non-deployed	208	2	Non-deployed
non-interchange	14	8	Other, Non-interchange
non-interchange	47	8	Other, Non-interchange
non-junction	14	0	Non-junction
non-junction	47	0	Non-junction
non-motor	304	4	Occupant of a non-motor vehicle transpor
non-motorist	106	5	Pedestrian, pedalcyclist, or other non-m
non-motorist	138	810	Pedalcyclist/Other Non-Motorist in Roadw
non-occupant	304	8	Other or unknown non-occupant
noncollision	11	6	Noncollision injury (injured in vehicle,
noncollision	39	6	Noncollision injury (injured in vehicle,
noncollision	128	0	No damage/noncollision
noncollision	136	6	Noncollision injury
noncollision	142	0	Noncollision
noncollision	156	0	No damage/noncollision
noncollision	162	0	Noncollision
noncollision	164	6	Noncollision injury
nonincapacitating	27	2	Nonincapacitating
nonincapacitating	43	2	Nonincapacitating
nonincapacitating	144	2	Nonincapacitating
nonincapacitating	159	2	Nonincapacitating
nonincapacitating	213	2	B - nonincapacitating injury
nonincapacitating	228	2	B - nonincapacitating injury
nonincapacitating	313	2	B - nonincapacitating injury
nonincapacitating	328	2	B - nonincapacitating injury
nonintersection	319	11	Nonintersection - in crosswalk
nonmot	309	*	NONMOT SAFETY EQUIP USE
nonmotorist	8	*	NUM NMTR INVOLVED IN ACC
nonmotorist	11	27	Other type nonmotorist
nonmotorist	39	27	Other type nonmotorist
nonmotorist	136	27	Other type nonmotorist
nonmotorist	164	27	Other type nonmotorist
nonmotorist	302	*	VEH STRIKING NUMBER NMTR
nonmotorist	303	*	NONMOTORIST NUMBER
nonmotorist	304	*	NONMOTORIST TYPE
nonmotorist	311	*	NONMOTORIST AGE
nonmotorist	312	*	NONMOTORIST SEX
nonmotorist	313	*	NMTR INJURY SEVERITY
nonmotorist	315	*	NMTR PHYSICAL IMPAIRMENT
nonmotorist	318	*	NONMOTORIST ACTION
nonmotorist	319	*	NMTR LOCATION
nonmotorist	325	*	IMPUTED NONMOTORIST AGE
nonmotorist	328	*	IMP NMTR INJURY SEVERITY
nonmotorist	330	*	IMPUTED NONMOTORIST SEX
nonmotorists	8	0	0 nonmotorists involved
northeast	33	1	Northeast
northeast	151	1	Northeast
northeast	223	1	Northeast
northeast	323	1	Northeast



GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
norton	109	75	Norton
noted	125	0	No jackknife noted on PAR
noted	127	0	No fire noted on PAR
november	2	11	November
number	1	*	CASE NUMBER
number	7	*	NUM VEH INVOLVED IN ACC
number	8	*	NUM NMTR INVOLVED IN ACC
number	17	*	NUMBER OF TRAVEL LANES
number	28	*	NUM INJ PERSONS IN ACC
number	32	*	PSU NUMBER
number	45	*	I NUM INJ PERSONS IN ACC
number	101	*	CASE NUMBER
number	102	*	VEHICLE NUMBER
number	112	7	Hatchback, number of doors unknown
number	121	*	NUM OCC INVOLVED IN VEH
number	124	4	Yes, number of trailing units unknown
number	145	*	NUMBER INJURED IN VEH
number	150	*	PSU NUMBER
number	153	*	CARRIER'S ID NUMBER
number	154	7	Hatchback, number of doors unknown
number	160	*	IMP NUM INJURED IN VEH
number	201	*	CASE NUMBER
number	202	*	VEHICLE NUMBER
number	203	*	OCCUPANT NUMBER
number	222	*	PSU NUMBER
number	301	*	CASE NUMBER
number	302	*	VEH STRIKING NUMBER NMTR
number	303	*	NONMOTORIST NUMBER
number	322	*	PSU NUMBER
obey	318	8	Failure to obey traffic signs/control de
obeys	26	9	Motorist obeys intersection stop sign or
object	11	10	Thrown or falling object
object	39	10	Thrown or falling object
object	106	1	Object in road
object	136	10	Thrown or falling object
object	138	840	Object in Roadway
object	164	10	Thrown or falling object
obscured	105	*	VISION OBSCURED BY
observe	318	8	Failure to obey traffic signs/control de
obstructed	26	6	Cyclist fails to clear intersection; mot
obstruction	26	17	Cyclist's path obstructed; cyclist strik
obstruction	105	0	No obstruction
occupant	107	1	Passengers, occupants
occupant	121	*	NUM OCC INVOLVED IN VEH
occupant	160	99	Not applicable - No occupants coded for
occupant	203	*	OCCUPANT NUMBER
occupant	204	*	OCCUPANT TYPE
occupant	205	*	OCC SEATING POSITION
occupant	206	*	OCC RESTRAINT SYSTEM USE
occupant	207	*	OCC RESTRAINT TYPE
occupant	210	*	OCCUPANT EJECTION
occupant	211	*	OCCUPANT AGE
occupant	212	*	OCCUPANT SEX
occupant	213	*	OCC INJURY SEVERITY
occupant	215	*	OCCUPANT IMPAIRMENT
occupant	225	*	IMPUTED OCCUPANT AGE

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
occupant	227	*	IMPUT OCCUPANT EJECTION
occupant	228	*	IMP OCC INJURY SEVERITY
occupant	229	*	IMP OCC SEATING POSITION
occupant	230	*	IMPUTED OCCUPANT SEX
occupant	304	3	Occupant of a motor vehicle not in trans
occupant	319	0	Not applicable - driver or occupant of M
occurred	125	1	Jackknife occurred
occurred	127	1	Fire occurred in vehicle
occurrence	127	*	FIRE OCCURRENCE
october	2	10	October
officer	21	51	Officer, Crossing guard, Flagman, etc.
officer	50	51	Officer, Crossing guard, Flagman, etc.
officer	318	8	Failure to obey traffic signs/control de
oil	20	5	Sand, dirt, oil
oil	49	5	Sand, dirt, oil
older	211	97	97 years or older
older	225	97	97 years or older
older	311	97	97 years or older
older	325	97	97 years or older
oldsmobile	109	21	Oldsmobile
on-street	26	35	Motorist drive out from on-street parkin
operated	103	1	Driver operated vehicle
operating	318	2	Operating without required equipment
opposite	12	6	Sideswipe, opposite direction
opposite	26	19	Cyclist turns left in front of motorist
opposite	42	6	Sideswipe, opposite direction
opposite	138	230	Traveling in Opposite Direction
other's	26	15	Motorist and cyclist counteract each oth
overtaking	26	27	Bicyclist overtaking motor vehicle
overtaking	137	5	Passing or overtaking another vehicle
overtaking	157	5	Passing or overtaking another vehicle
overturn	11	1	Rollover/Overturn
overturn	39	1	Rollover/Overturn
overturn	136	1	Rollover/Overturn
overturn	164	1	Rollover/Overturn
panel	112	11	Auto based panel (cargo station wagon, a
panel	154	11	Auto based panel (cargo station wagon, a
par	125	0	No jackknife noted on PAR
par	127	0	No fire noted on PAR
par	216	*	PAR ALCOHOL INVOLVEMENT
par	217	*	PAR DRUG INVOLVEMENT
par	226	*	IMP PAR ALC INVOLVEMENT
par	316	*	PAR ALCOHOL INVOLVEMENT
par	317	*	PAR DRUG INVOLVEMENT
par	326	*	IMP PAR ALC INVOLVEMENT
parallel	26	3	Cyclist turns/merges into path from resi
parallel	138	330	From Parallel/Diagonal Parking Lane
parapet	11	34	Bridge Structure (pier/abutment/parapet
parapet	39	34	Bridge Structure (pier/abutment/parapet
parapet	136	34	Bridge Structure (pier/abutment/parapet
parapet	164	34	Bridge Structure (pier/abutment/parapet
paraplegic	215	4	Paraplegic or restricted to wheelchair
paraplegic	315	4	Paraplegic or restricted to wheelchair
parked	11	26	Parked motor vehicle (or other mv not in
parked	26	41	Cyclist struck parked vehicle
parked	39	26	Parked motor vehicle (or other mv not in

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
parked	105	7	Parked vehicle
parked	136	26	Parked motor vehicle (or motor vehicle n
parked	137	6	Disabled or parked in travel lane
parked	157	6	Disabled or parked in travel lane
parked	164	26	Parked motor vehicle (or motor vehicle n
parking	15	2	On Shoulder or Parking Lane
parking	22	0	No statutory limit (parking lot, alley,
parking	26	29	Parking lot, other open area; crossing p
parking	48	0	No statutory limit (parking lot, alley,
parking	137	13	Backing up (other than parking purposes)
parking	138	330	From Parallel/Diagonal Parking Lane
parking	157	13	Backing up (other than parking)
partially	210	2	Partially ejected
partially	227	2	Partially ejected
pass	26	16	Motorist misjudges space required to pas
pass	31	1	Group 1 - Crashes involving a towed pass
pass	149	1	Group 1 - Crashes involving a towed pass
pass	221	1	Group 1 - Crashes involving a towed pass
pass	321	1	Group 1 - Crashes involving a towed pass
passenger	107	1	Passengers, occupants
passenger	204	2	Passenger of a motor vehicle in transpor
passenger	205	51	Other passenger in passenger or cargo ar
passenger	229	51	Other passenger in passenger or cargo ar
passing	105	8	Splash or spray of passing vehicle
passing	137	5	Passing or overtaking another vehicle
passing	157	5	Passing or overtaking another vehicle
passive	21	62	Passive devices (stop sign, cross-bucks)
passive	50	62	Passive devices (stop sign, cross-bucks)
passive	207	1	Automatic (Passive)
path	26	1	Cyclist fails to yield at a residential
path	138	411	Entering Intersection - Straight Across
path	141	99	Vehicle Path After Corrective Action Unk
pavement	11	50	Pavement Surface Irregularity (ruts, pot
pavement	39	50	Pavement Surface Irregularity (ruts, pot
pavement	136	50	Pavement surface irregularity (ruts, pot
pavement	164	50	Pavement Surface Irregularity (ruts, pot
pedalcycle	11	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	39	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcycle	164	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	11	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	39	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	106	5	Pedestrian, pedalcyclist, or other non-m
pedalcyclist	136	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	138	810	Pedalcyclist/Other Non-Motorist in Roadw
pedalcyclist	164	22	Cycle or cyclist (pedalcycle or pedalcyc
pedalcyclist	304	6	Cyclist (pedalcyclist)
pedestrian	11	21	Pedestrian
pedestrian	26	*	PED/CYCLIST ACC TYPE
pedestrian	39	21	Pedestrian
pedestrian	106	5	Pedestrian, pedalcyclist, or other non-m
pedestrian	136	21	Pedestrian
pedestrian	138	800	Pedestrian in Roadway
pedestrian	164	21	Pedestrian
pedestrian	304	5	Pedestrian
percentage	10	*	PERCENTAGE OF RURAL

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
perpendicular	26	1	Cyclist fails to yield at a residential
person	27	8	No Person Coded in Crash
person	28	*	NUM INJ PERSONS IN ACC
person	29	8	No Person Coded
person	31	2	Group 2 - Crashes involving a med/hvy tr
person	37	8	No Person Coded
person	43	8	No Person Coded in Crash
person	45	*	I NUM INJ PERSONS IN ACC
person	144	8	No Person Coded in Crash
person	145	98	No person coded
person	146	8	No Person Coded
person	149	2	Group 2 - Crashes involving a med/hvy tr
person	159	8	No Person Coded in Crash
person	163	8	No Person Coded
person	221	2	Group 2 - Crashes involving a med/hvy tr
person	321	2	Group 2 - Crashes involving a med/hvy tr
peterbilt	109	87	Peterbilt
peugeot	109	44	Peugeot
phone	107	3	Phone
physical	215	97	Physical impairment - no details
physical	315	*	NMTR PHYSICAL IMPAIRMENT
physically	16	1	Not physically divided (two way trafficw
physically	215	99	Unknown if physically impaired
physically	315	99	Unknown if physically impaired
pickup	112	10	Auto based pickup (includes El Camino, C
pickup	154	10	Auto based pickup (includes El Camino, C
pier	11	34	Bridge Structure (pier/abutment/parapet
pier	39	34	Bridge Structure (pier/abutment/parapet
pier	136	34	Bridge Structure (pier/abutment/parapet
pier	164	34	Bridge Structure (pier/abutment/parapet
placard	117	*	HAZ MATERIAL PLACARD NO
placarded	118	*	HAZ MATERIALS PLACARDED
plates	11	50	Pavement Surface Irregularity (ruts, pot
plates	39	50	Pavement Surface Irregularity (ruts, pot
plates	136	50	Pavement surface irregularity (ruts, pot
plates	164	50	Pavement Surface Irregularity (ruts, pot
play	26	40	Play vehicle (big wheel, tricycle, bicyc
playing	26	430	Playing in roadway
playing	318	29	Playing, working, sitting, lying, standi
plymouth	109	9	Plymouth
plymouth	112	20	Minivan (Astro, Caravan, Plymouth Vista,
plymouth	154	20	Minivan (Astro, Caravan, Plymouth Vista,
pole	11	37	Post, Pole or Support (sign post, utilit
pole	39	37	Post, Pole or Support (sign post, utilit
pole	136	37	Post, Pole or Support (sign post, utilit
pole	164	37	Post, Pole or Support (sign post, utilit
police	30	*	POLICE JURISDICTION
police	116	5	Police
police	148	*	POLICE JURISDICTION
police	216	9	Unknown (police reported)
police	217	9	Unknown (police reported)
police	220	*	POLICE JURISDICTION
police	226	9	Unknown (police reported)
police	316	9	Unknown (police reported)
police	317	9	Unknown (police reported)
police	320	*	POLICE JURISDICTION

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
police	326	9	Unknown (police reported)
pontiac	109	22	Pontiac
poor	106	2	Poor road conditions (puddle, ice, potho
poor	138	50	Poor Road Conditions (puddle, pothole, i
population	9	1	Within area of population 25,000-50,000
porsche	109	45	Porsche
position	137	7	Leaving a parked position
position	157	7	Leaving a parked position
position	205	*	OCC SEATING POSITION
position	229	*	IMP OCC SEATING POSITION
possible	27	1	Possible Injury
possible	43	1	Possible Injury
possible	144	1	Possible Injury
possible	159	1	Possible Injury
possible	213	1	C - possible injury
possible	228	1	C - possible injury
possible	313	1	C - possible injury
possible	328	1	C - possible injury
post	11	37	Post, Pole or Support (sign post, utilit
post	39	37	Post, Pole or Support (sign post, utilit
post	136	37	Post, Pole or Support (sign post, utilit
post	164	37	Post, Pole or Support (sign post, utilit
pothole	106	2	Poor road conditions (puddle, ice, potho
pothole	138	50	Poor Road Conditions (puddle, pothole, i
potholes	11	50	Pavement Surface Irregularity (ruts, pot
potholes	39	50	Pavement Surface Irregularity (ruts, pot
potholes	136	50	Pavement Surface Irregularity (ruts, pot
potholes	164	50	Pavement Surface Irregularity (ruts, pot
power	123	5	Power train - universal joint, drive sha
precrash	26	1	Cyclist fails to yield at a residential
precrash	140	*	PRECRASH VEHICLE CONTROL
precrash	141	*	PRECRASH LOCATION
presence	103	*	DRIVER PRESENCE
presence	140	0	No Driver Presence
previous	137	18	Successful corrective action to a previo
previous	157	18	Successful corrective action to a previo
previous	215	5	Impaired due to previous injury
previous	315	5	Impaired due to previous injury
priority	36	2	Congressional high priority route
profile	19	*	ROADWAY PROFILE
profile	46	*	IMPUTED ROADWAY PROFILE
proper	318	4	Failure to keep in proper lane or runnin
psu	32	*	PSU NUMBER
psu	150	*	PSU NUMBER
psu	222	*	PSU NUMBER
psu	322	*	PSU NUMBER
puddle	106	2	Poor road conditions (puddle, ice, potho
puddle	138	50	Poor Road Conditions (puddle, pothole, i
purpose	137	13	Backing up (other than parking purposes)
pursuit	26	230	Hot pursuit
pushing	318	26	Nonmotorist pushing vehicle
radio	107	2	Vehicle instrument display (radio, casse
rail	11	34	Bridge Structure (pier/abutment/parapet
rail	14	5	Rail Grade Crossing
rail	39	34	Bridge Structure (pier/abutment/parapet
rail	47	5	Rail Grade Crossing

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
railway	11	23	Railway train
railway	39	23	Railway train
railway	136	23	Railway train
railway	164	23	Railway train
rain	24	2	Rain
rain	51	2	Rain
rain	105	1	Rain, snow, fog, smoke, sand, dust
rambler	110	+	Rambler/American
ramcharger	112	15	Large Utility (Jeep Cherokee, Ramcharger
ramcharger	154	15	Large Utility (Jeep Cherokee, Ramcharger
ramp	14	4	Entrance/Exit Ramp
ramp	47	4	Entrance/Exit Ramp
ramp	138	460	Entering From "Yield" Entrance (Ramp/Cha
ranchero	112	10	Auto based pickup (includes El Camino, C
ranchero	154	10	Auto based pickup (includes El Camino, C
rear-end	12	1	Rear-end
rear-end	42	1	Rear-end
rear-to-rear	12	3	Rear-to-rear
rear-to-rear	42	3	Rear-to-rear
reason	138	99	Other or Unknown Reason
reckless	104	4	Reckless driving
reckless	161	4	Reckless driving
reckless	318	6	Operating the vehicle in erratic, reckle
red	26	9	Motorist obeys intersection stop sign or
reflected	105	2	Reflected glare, bright sunlight, headli
reflective	309	2	Reflective equipment
refuse	113	8	Garbage/Refuse
region	33	*	REGION OF COUNTRY
region	151	*	REGION OF COUNTRY
region	223	*	REGION OF COUNTRY
region	323	*	REGION OF COUNTRY
related	14	2	Intersection Related
related	21	23	School zone related sign
related	24	1	No adverse atmospheric related driving c
related	25	*	SCH BUS RELATED TO ACC
related	26	140	Mailbox related
related	47	2	Intersection Related
related	50	23	School zone related sign
related	51	1	No adverse atmospheric related driving c
relation	14	*	RELATION TO JUNCTION
relation	15	*	RELATION TO ROADWAY
relation	47	*	IMP RELATION TO JUNCTION
release	119	*	HAZ MATERIALS RELEASE
renault	109	46	Renault
renegade	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
renegade	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
reo	109	81	Diamond Reo, Reo
reported	121	97	Unknown - only injury reported
reported	216	8	Not reported
reported	217	8	Not reported
reported	226	8	Not reported
reported	316	8	Not reported
reported	317	8	Not reported
reported	326	8	Not reported
required	26	16	Motorist misjudges space required to pas
required	318	1	Failing to have lights on when required

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
requires	215	3	Requires cane or crutches
requires	315	3	Requires cane or crutches
rescue	112	40	Cab chassis based (includes rescue vehic
rescue	154	40	Cab chassis based (includes rescue vehic
resident	147	0	Not resident of U.S. or territories/Driv
residential	26	1	Cyclist fails to yield at a residential
restraint	105	13	Head restraints
restraint	206	*	OCC RESTRAINT SYSTEM USE
restraint	207	*	OCC RESTRAINT TYPE
restricted	215	4	Paraplegic or restricted to wheelchair
restricted	315	4	Paraplegic or restricted to wheelchair
returned	141	7	Vehicle Returned to Roadway
revoked	104	5	Driving with a suspended or revoked lice
revoked	161	5	Driving with a suspended or revoked lice
ride	26	49	Ride out - intersection
riding	26	21	Cyclist riding on wrong side of street m
riding	205	53	Riding on vehicle exterior
riding	229	53	Riding on vehicle exterior
right	26	10	Motorist obeys intersection signal, but
right	128	11	Front right corner
right	137	10	Turning right
right	138	101	Over Right Edge of Roadway
right	139	3	Steered to Right
right	156	11	Front right corner
right	157	10	Turning right
right	205	13	Front seat - right side
right	229	13	Front seat - right side
right	318	7	Failure to yield right of way
right-of-way	104	6	Failure to yield right-of-way
right-of-way	161	6	Failure to yield right-of-way
rightside	128	2	Rightside
rightside	129	2	Rightside
rightside	130	2	Rightside
rightside	131	2	Rightside
rightside	132	2	Rightside
rightside	133	2	Rightside
rightside	156	2	Rightside
road	21	41	Warning Sign for Road Conditions (hill,
road	50	41	Warning Sign for Road Conditions (hill,
road	106	1	Object in road
road	138	50	Poor Road Conditions (puddle, pothole, i
road	318	4	Failure to keep in proper lane or runnin
roadway	15	*	RELATION TO ROADWAY
roadway	18	*	ROADWAY ALIGNMENT
roadway	19	*	ROADWAY PROFILE
roadway	20	*	ROADWAY SURFACE COND
roadway	26	1	Cyclist fails to yield at a residential
roadway	36	*	NHS ROADWAY TYPE
roadway	38	*	IMP ROADWAY ALIGNMENT
roadway	46	*	IMPUTED ROADWAY PROFILE
roadway	49	*	IMP ROADWAY SURFACE COND
roadway	138	100	Over Left Edge of Roadway
roadway	141	2	Vehicle Stayed On Roadway But Left Trave
roadway	318	22	Improper crossing of roadway or intersec
roadway	319	2	Intersection - on roadway
rod	123	3	Steering system - tie rod, kingpin, ball

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
role	142	*	VEHICLE ROLE
role	162	*	IMPUTED VEHICLE ROLE
rollover	11	1	Rollover/Overturn
rollover	39	1	Rollover/Overturn
rollover	126	*	ROLLOVER
rollover	136	1	Rollover/Overturn
rollover	143	97	Untripped rollover
rollover	164	1	Rollover/Overturn
romeo	109	31	Alfa Romeo
roof	112	1	Convertible (excludes sun roof, t-bar)
roof	154	1	Convertible (excludes sun roof, t-bar)
rotated	140	2	Vehicle Rotated (Yawed) Clockwise
rotation	140	4	Vehicle Slid/Skid Longitudinally - No Ro
route	36	2	Congressional high priority route
rover	109	62	Land Rover
run	104	50	Hit & run (and no information)
run	106	50	Hit & run (and no information)
run	107	50	Hit & run (and no information)
run	161	50	Hit & run (and no information)
running	104	7	Running a traffic signal or stop sign
running	161	7	Running a traffic signal or stop sign
running	318	4	Failure to keep in proper lane or runnin
rural	10	*	PERCENTAGE OF RURAL
rural	36	19	Unknown rural route
rut	11	50	Pavement Surface Irregularity (ruts, pot
rut	39	50	Pavement Surface Irregularity (ruts, pot
rut	136	50	Pavement surface irregularity (ruts, pot
rut	164	50	Pavement Surface Irregularity (ruts, pot
saab	109	47	Saab
safari	112	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	154	20	Minivan (Astro, Caravan, Plymouth Vista,
safety	206	6	Child safety seat
safety	309	*	NONMOT SAFETY EQUIP USE
safety	318	8	Failure to obey traffic signs/control de
sand	20	5	Sand, dirt, oil
sand	24	8	Other (smog, smoke, blowing sand/dust/sn
sand	49	5	Sand, dirt, oil
sand	51	8	Other (smog, smoke, blowing sand/dust/sn
sand	105	1	Rain, snow, fog, smoke, sand, dust
saturday	4	7	Saturday
saturday	52	7	Saturday
saturn	109	24	Saturn
scene	108	0	No, did not leave scene
scene	135	*	MANNER OF LEAVING SCENE
scene	155	0	No, did not leave scene
school	21	23	School zone related sign
school	25	*	SCH BUS RELATED TO ACC
school	26	120	School bus
school	50	23	School zone related sign
school	112	24	Van Based School Bus
school	116	2	Vehicle used as school bus
school	154	24	Van Based School Bus
seat	205	11	Front seat - left side (driver's side)
seat	206	6	Child safety seat
seat	229	11	Front seat - left side (driver's side)
seating	123	13	Driver seating and control



GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
seating	205	*	OCC SEATING POSITION
seating	229	*	IMP OCC SEATING POSITION
section	205	50	Sleeper section of cab (truck)
section	229	50	Sleeper section of cab (truck)
sedan	112	2	2-door sedan, hardtop, coupe
sedan	154	2	2-door sedan, hardtop, coupe
september	2	9	September
sev	43	*	IMP MAX INJ SEV. IN ACC
sev	159	*	IMP MAX INJ SEV. IN VEH
severe	134	3	Disabling (severe)
severity	27	*	MAX INJ SEVERITY IN ACC
severity	43	5	Unknown Injury Severity
severity	134	*	DAMAGE SEVERITY
severity	144	*	MAX INJ SEVERITY IN VEH
severity	159	5	Unknown Injury Severity
severity	213	*	OCC INJURY SEVERITY
severity	228	*	IMP OCC INJURY SEVERITY
severity	313	*	NMTR INJURY SEVERITY
severity	328	*	IMP NMTR INJURY SEVERITY
sex	212	*	OCCUPANT SEX
sex	230	*	IMPUTED OCCUPANT SEX
sex	312	*	NONMOTORIST SEX
sex	330	*	IMPUTED NONMOTORIST SEX
shaft	123	5	Power train - universal joint, drive sha
shock	123	4	Suspension - springs, shock absorbers, m
shoulder	15	2	On Shoulder or Parking Lane
shoulder	26	4	Cyclist fails to yield at a midblock loc
shoulder	206	1	Lap/shoulder belt
shrubbery	11	44	Shrubbery or bush
shrubbery	39	44	Shrubbery or bush
shrubbery	136	44	Shrubbery or bush
shrubbery	164	44	Shrubbery or bush
side	26	21	Cyclist riding on wrong side of street m
side	112	12	Large Limousine (more than four side doo
side	154	12	Large Limousine (more than four side doo
side	205	11	Front seat - left side (driver's side)
side	229	11	Front seat - left side (driver's side)
side	318	10	Driving on wrong side of road
sideswipe	12	5	Sideswipe, same direction
sideswipe	42	5	Sideswipe, same direction
sign	11	37	Post, Pole or Support (sign post, utilit
sign	21	21	Stop sign
sign	26	9	Motorist obeys intersection stop sign or
sign	39	37	Post, Pole or Support (sign post, utilit
sign	50	21	Stop sign
sign	104	7	Running a traffic signal or stop sign
sign	105	4	Building, billboard, or other design fea
sign	136	37	Post, Pole or Support (sign post, utilit
sign	161	7	Running a traffic signal or stop sign
sign	164	37	Post, Pole or Support (sign post, utilit
sign	318	8	Failure to obey traffic signs/control de
signal	21	1	Traffic control signal (on colors)
signal	26	10	Motorist obeys intersection signal, but
signal	50	1	Traffic control signal (on colors)
signal	104	7	Running a traffic signal or stop sign
signal	123	8	Signal lights

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
signal	161	7	Running a traffic signal or stop sign
single	112	64	Single unit straight truck
single	139	98	Other single or multiple corrective acti
single	154	64	Single unit straight truck
sitting	318	29	Playing, working, sitting, lying, standi
skid	140	4	Vehicle Slid/Skid Longitudinally - No Ro
sleeper	205	50	Sleeper section of cab (truck)
sleeper	229	50	Sleeper section of cab (truck)
sleepy	215	2	Drowsy, sleepy, fell asleep, fatigued
sleepy	315	2	Drowsy, sleepy, fell asleep, fatigued
sleet	24	3	Sleet
sleet	51	3	Sleet
slid	140	4	Vehicle Slid/Skid Longitudinally - No Ro
slide-in	112	32	Pickup with slide-in camper
slide-in	154	32	Pickup with slide-in camper
slowed	139	1	Braked/Slowed
slush	20	3	Snow or slush
slush	49	3	Snow or slush
smog	24	8	Other (smog, smoke, blowing sand/dust/sn
smog	51	8	Other (smog, smoke, blowing sand/dust/sn
smoke	24	8	Other (smog, smoke, blowing sand/dust/sn
smoke	51	8	Other (smog, smoke, blowing sand/dust/sn
smoke	105	1	Rain, snow, fog, smoke, sand, dust
snow	20	3	Snow or slush
snow	24	4	Snow
snow	49	3	Snow or slush
snow	51	4	Snow
snow	105	1	Rain, snow, fog, smoke, sand, dust
snowmobile	112	91	Snowmobile
snowmobile	154	91	Snowmobile
soft	126	23	Tripped Rollover - By Soft Soil
soil	126	23	Tripped Rollover - By Soft Soil
south	33	3	South
south	151	3	South
south	223	3	South
south	323	3	South
space	26	16	Motorist misjudges space required to pas
special	116	*	SPECIAL USE
specific	206	8	Restraint used - specifics unknown or ot
speed	21	40	Advisory Speed Sign
speed	22	*	SPEED LIMIT
speed	48	*	IMPUTED SPEED LIMIT
speed	50	40	Advisory Speed Sign
speed	122	*	TRAVEL SPEED
speed	138	60	Excessive Speed
speeding	104	2	Speeding
speeding	161	2	Speeding
splash	105	8	Splash or spray of passing vehicle
sportvan	112	21	Large van (Sportvan, Chevy Van, Club Wag
sportvan	154	21	Large van (Sportvan, Chevy Van, Club Wag
spray	105	8	Splash or spray of passing vehicle
spring	123	4	Suspension - springs, shock absorbers, m
stake	112	40	Cab chassis based (includes rescue vehic
stake	154	40	Cab chassis based (includes rescue vehic
stalled	138	20	Stalled Engine
standing	26	7	Cyclist fails to clear intersection; mot

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
standing	318	29	Playing, working, sitting, lying, standi
starting	137	3	Starting in traffic lane
starting	157	3	Starting in traffic lane
station	112	6	Station Wagon (excluding van and truck b
station	154	6	Station Wagon (excluding van and truck b
statutory	22	0	No statutory limit (parking lot, alley,
statutory	48	0	No statutory limit (parking lot, alley,
stayed	141	1	Vehicle Stayed In Travel Lane
steep	21	41	Warning Sign for Road Conditions (hill,
steep	50	41	Warning Sign for Road Conditions (hill,
steered	139	2	Steered to Left
steering	123	3	Steering system - tie rod, kingpin, ball
step	112	22	Step van or walk-in van (< 4,500 kg GVWR
step	154	22	Step van or walk-in van (< 4,500 kg GVWR
sterling	109	61	Sterling
stopped	122	0	Stopped vehicle
stopped	137	4	Stopped in traffic lane
stopped	138	200	Stopped
stopped	157	4	Stopped in traffic lane
strahnet	36	3	Strategic Highway Network (STRAHNET) rou
straight	18	1	Straight
straight	38	1	Straight
straight	112	64	Single unit straight truck
straight	137	1	Going straight
straight	138	411	Entering Intersection - Straight Across
straight	154	64	Single unit straight truck
straight	157	1	Going straight
strategic	36	3	Strategic Highway Network (STRAHNET) rou
stratum	31	*	STRATUM
stratum	149	*	STRATUM
stratum	221	*	STRATUM
stratum	321	*	STRATUM
street	26	21	Cyclist riding on wrong side of street m
street	112	97	Other type vehicle (e.g., go-cart, fork
street	154	97	Other type vehicle (e.g., go-cart, fork
stretch	112	12	Large Limousine (more than four side doo
stretch	154	12	Large Limousine (more than four side doo
strikes	26	17	Cyclist's path obstructed; cyclist strik
striking	142	1	Striking
striking	162	1	Striking
striking	302	*	VEH STRIKING NUMBER NMTR
strip	16	2	Divided highway (median strip, barrier)
struck	26	41	Cyclist struck parked vehicle
struck	142	2	Struck
struck	162	2	Struck
structure	11	34	Bridge Structure (pier/abutment/parapet
structure	39	34	Bridge Structure (pier/abutment/parapet
structure	136	34	Bridge Structure (pier/abutment/parapet
structure	164	34	Bridge Structure (pier/abutment/parapet
struts	123	4	Suspension - springs, shock absorbers, m
student	112	50	School bus (designed to carry students,
student	154	50	School bus (designed to carry students,
style	112	39	Unknown (pickup style) light conventiona
style	154	39	Unknown (pickup style) light conventiona
subaru	109	48	Subaru
suburban	112	16	Utility Station Wagon (Chev. Suburban, G

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Item	Var	CV	Variable Name or Code Value
suburban	154	16	Utility Station Wagon (Chev. Suburban, G
successful	137	18	Successful corrective action to a previo
successful	157	18	Successful corrective action to a previo
sun	112	1	Convertible (excludes sun roof, t-bar)
sun	154	1	Convertible (excludes sun roof, t-bar)
sunday	4	1	Sunday
sunday	52	1	Sunday
sunlight	105	2	Reflected glare, bright sunlight, headli
support	11	37	Post, Pole or Support (sign post, utilit
support	39	37	Post, Pole or Support (sign post, utilit
support	136	37	Post, Pole or Support (sign post, utilit
support	164	37	Post, Pole or Support (sign post, utilit
surface	11	50	Pavement Surface Irregularity (ruts, pot
surface	20	*	ROADWAY SURFACE COND
surface	39	50	Pavement Surface Irregularity (ruts, pot
surface	49	*	IMP ROADWAY SURFACE COND
surface	136	50	Pavement surface irregularity (ruts, pot
surface	164	50	Pavement Surface Irregularity (ruts, pot
suspended	104	5	Driving with a suspended or revoked lice
suspended	161	5	Driving with a suspended or revoked lice
suspension	123	4	Suspension - springs, shock absorbers, m
suzuki	109	53	Suzuki
sweeper	112	97	Other type vehicle (e.g., go-cart, fork
sweeper	154	97	Other type vehicle (e.g., go-cart, fork
swerves	26	20	Cyclist loses control and swerves into p
swings	26	32	Bicyclist swings wide when turning right
system	36	1	Eisenhower Interstate System (EIS)
system	105	9	Inadequate defrost or defog system
system	123	2	Brake system
system	206	*	OCC RESTRAINT SYSTEM USE
t-bar	112	1	Convertible (excludes sun roof, t-bar)
t-bar	154	1	Convertible (excludes sun roof, t-bar)
taken	214	*	TAKEN TO HOSP/TREATMENT
taken	314	*	TAKEN TO HOSP/TREATMENT
talking	318	24	Inattentive (talking, eating, etc.)
tank	113	3	Cargo Tank
taxi	116	1	Taxi
terrain	112	90	ATV (all terrain vehicle) and ATC (all t
terrain	154	90	ATV (all terrain vehicle) and ATC (all t
territories	147	0	Not resident of U.S. or territories/Driv
threat	26	710	Multiple threat intersection
thrown	11	10	Thrown or falling object
thrown	39	10	Thrown or falling object
thrown	136	10	Thrown or falling object
thrown	164	10	Thrown or falling object
thursday	4	5	Thursday
thursday	52	5	Thursday
tie	123	3	Steering system - tie rod, kingpin, ball
time	5	*	ACCIDENT TIME - HOUR
time	6	*	ACCIDENT TIME - MINUTE
time	40	*	IMP ACCIDENT TIME - HOUR
time	44	*	IMP ACC TIME - MINUTE
tire	123	1	Tires
tire	138	10	Blow Out or Flat Tire
top	128	5	Top
top	129	5	Top

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
top	130	5	Top
top	131	5	Top
top	132	5	Top
top	133	5	Top
top	156	5	Top
totally	210	1	Totally ejected
totally	227	1	Totally ejected
tow	112	40	Cab chassis based (includes rescue vehic
tow	154	40	Cab chassis based (includes rescue vehic
towed	31	1	Group 1 - Crashes involving a towed pass
towed	135	2	Towed due to damage
towed	149	1	Group 1 - Crashes involving a towed pass
towed	221	1	Group 1 - Crashes involving a towed pass
towed	321	1	Group 1 - Crashes involving a towed pass
toyota	109	49	Toyota
traffic	11	36	Concrete traffic barrier or other longit
traffic	21	*	TRAFFIC CONTROL DEVICE
traffic	26	7	Cyclist fails to clear intersection; mot
traffic	39	36	Concrete traffic barrier or other longit
traffic	50	*	I TRAFFIC CONTROL DEVICE
traffic	104	7	Running a traffic signal or stop sign
traffic	136	36	Concrete traffic barrier or other longit
traffic	137	2	Decelerating in traffic lane
traffic	157	2	Decelerating in traffic lane
traffic	161	7	Running a traffic signal or stop sign
traffic	164	36	Concrete traffic barrier or other longit
traffic	318	8	Failure to obey traffic signs/control de
trafficway	16	*	TRAFFICWAY FLOW
trafficway	318	5	Making improper entry to or exit from tr
trail	114	*	NO OF AXLES ON VEH/TRAIL
trailduster	112	15	Large Utility (Jeep Cherokee, Ramcharger
trailduster	154	15	Large Utility (Jeep Cherokee, Ramcharger
trailer	123	15	Trailer hitch
trailer	124	*	VEHICLE TRAILERING
trailing	112	66	Truck-tractor (cab only, or with any num
trailing	124	1	Yes, one trailing unit
trailing	154	66	Truck-tractor (cab only, or with any num
trailing	205	52	Trailing unit
trailing	229	52	Trailing unit
train	11	23	Railway train
train	39	23	Railway train
train	123	5	Power train - universal joint, drive sha
train	136	23	Railway train
train	164	23	Railway train
training	26	40	Play vehicle (big wheel, tricycle, bicyc
transit	112	50	School bus (designed to carry students,
transit	154	50	School bus (designed to carry students,
transmission	123	5	Power train - universal joint, drive sha
transport	11	25	Motor vehicle in transport
transport	12	0	Not collision with vehicle in transport
transport	39	25	Motor vehicle in transport
transport	42	0	Not collision with vehicle in transport
transport	136	25	Motor vehicle in transport
transport	164	25	Motor vehicle in transport
transport	204	1	Driver of motor vehicle in transport
transport	304	3	Occupant of a motor vehicle not in trans

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
transport	319	0	Not applicable - driver or occupant of M
transporter	113	7	Auto Transporter
trapped	26	740	Trapped
travel	17	*	NUMBER OF TRAVEL LANES
travel	122	*	TRAVEL SPEED
travel	137	6	Disabled or parked in travel lane
travel	141	1	Vehicle Stayed In Travel Lane
travel	157	6	Disabled or parked in travel lane
traveling	138	210	Traveling in Same Direction With Lower S
treatment	214	*	TAKEN TO HOSP/TREATMENT
treatment	314	*	TAKEN TO HOSP/TREATMENT
tree	11	45	Tree
tree	39	45	Tree
tree	105	5	Trees, crops, vegetation
tree	136	45	Tree
tree	164	45	Tree
tricycle	26	40	Play vehicle (big wheel, tricycle, bicyc
tripped	126	20	Tripped Rollover - By Curb
triumph	109	50	Triumph
trks	31	1	Group 1 - Crashes involving a towed pass
trks	149	1	Group 1 - Crashes involving a towed pass
trks	221	1	Group 1 - Crashes involving a towed pass
trks	321	1	Group 1 - Crashes involving a towed pass
truck	31	1	Group 1 - Crashes involving a towed pass
truck	109	98	Other (truck or bus)
truck	112	6	Station Wagon (excluding van and truck b
truck	116	7	Fire truck and car
truck	149	1	Group 1 - Crashes involving a towed pass
truck	154	6	Station Wagon (excluding van and truck b
truck	205	50	Sleeper section of cab (truck)
truck	221	1	Group 1 - Crashes involving a towed pass
truck	229	50	Sleeper section of cab (truck)
truck	321	1	Group 1 - Crashes involving a towed pass
truck-tractor	112	66	Truck-tractor (cab only, or with any num
truck-tractor	154	66	Truck-tractor (cab only, or with any num
tuesday	4	3	Tuesday
tuesday	52	3	Tuesday
turning	26	31	Bicyclist cuts corner when turning left;
turning	137	10	Turning right
turning	138	410	Entering Intersection - Turning Into Sam
turning	157	10	Turning right
u-turn	137	12	Making U-turn
u-turn	157	12	Making U-turn
unattended	103	0	Unattended vehicle (driverless or no dri
uncontrolled	26	25	Vehicles collided at uncontrolled inters
undercarriage	128	6	Undercarriage
undercarriage	129	6	Undercarriage
undercarriage	130	6	Undercarriage
undercarriage	131	6	Undercarriage
undercarriage	132	6	Undercarriage
undercarriage	133	6	Undercarriage
undercarriage	156	6	Undercarriage
unit	112	64	Single unit straight truck
unit	124	1	Yes, one trailing unit
unit	154	64	Single unit straight truck
unit	205	52	Trailing unit

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
unit	229	52	Trailing unit
universal	123	5	Power train - universal joint, drive sha
untripped	126	10	Untripped Rollover
untripped	143	97	Untripped rollover
urban	10	0	Urban
urban	36	9	Unknown urban route
util	31	1	Group 1 - Crashes involving a towed pass
util	149	1	Group 1 - Crashes involving a towed pass
util	221	1	Group 1 - Crashes involving a towed pass
util	321	1	Group 1 - Crashes involving a towed pass
utility	11	37	Post, Pole or Support (sign post, utilit
utility	39	37	Post, Pole or Support (sign post, utilit
utility	112	14	Compact Utility (Jeep CJ-5, Renegade, Go
utility	136	37	Post, Pole or Support (sign post, utilit
utility	154	14	Compact Utility (Jeep CJ-5, Renegade, Go
utility	164	37	Post, Pole or Support (sign post, utilit
van	31	1	Group 1 - Crashes involving a towed pass
van	112	6	Station Wagon (excluding van and truck b
van	113	2	Van/Enclosed Box
van	149	1	Group 1 - Crashes involving a towed pass
van	154	6	Station Wagon (excluding van and truck b
van	221	1	Group 1 - Crashes involving a towed pass
van	321	1	Group 1 - Crashes involving a towed pass
vegetation	105	5	Trees, crops, vegetation
vendor	26	130	Vendor
view	26	6	Cyclist fails to clear intersection; mot
vin	115	*	VIN
violation	26	760	Driver violation
violation	104	*	VIOLATIONS CHARGED
violation	161	*	IMP VIOLATIONS CHARGED
vision	105	*	VISION OBSCURED BY
vista	112	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	154	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	109	30	Volkswagen
volvo	109	51	Volvo
wagon	112	6	Station Wagon (excluding van and truck b
wagon	154	6	Station Wagon (excluding van and truck b
wagoneer	112	16	Utility Station Wagon (Chev. Suburban, G
wagoneer	154	16	Utility Station Wagon (Chev. Suburban, G
waiting	26	610	Waiting to cross
walk-in	112	22	Step van or walk-in van (< 4,500 kg GVWR
walk-in	154	22	Step van or walk-in van (< 4,500 kg GVWR
walked	26	750	Pedestrian walked into vehicle - interse
walking	26	531	Walking along roadway - with traffic
walking	318	27	Walking with traffic
wall	11	42	Wall
wall	39	42	Wall
wall	136	42	Wall
wall	164	42	Wall
warning	21	41	Warning Sign for Road Conditions (hill,
warning	50	41	Warning Sign for Road Conditions (hill,
wednesday	4	4	Wednesday
wednesday	52	4	Wednesday
week	4	*	ACCIDENT DAY OF WEEK
week	52	*	IMP ACC DAY OF WEEK
weight	34	*	WEIGHT

GES 1996 Index (continued)

Item	Var	CV	Variable Name or Code Value
weight	152	*	WEIGHT
weight	224	*	WEIGHT
weight	324	*	WEIGHT
weird	26	36	Weird
west	33	4	West
west	151	4	West
west	223	4	West
west	323	4	West
wet	20	2	Wet
wet	49	2	Wet
wheel	26	40	Play vehicle (big wheel, tricycle, bicyc
wheel	123	11	Wheels
wheel	138	30	Disabling Vehicle Failure (e.g. wheel fe
wheelchair	215	4	Paraplegic or restricted to wheelchair
wheelchair	315	4	Paraplegic or restricted to wheelchair
wheeled	112	13	Three wheeled automobile or automobile d
wheeled	154	13	Three wheeled automobile or automobile d
which	31	3	Group 3 - Crashes not involving a towed
which	138	199	Unknown Which Edge
which	149	3	Group 3 - Crashes not involving a towed
which	221	3	Group 3 - Crashes not involving a towed
which	321	3	Group 3 - Crashes not involving a towed
white	109	82	Freightliner, White
wide	26	32	Bicyclist swings wide when turning right
wind	21	43	Warning Sign for Environment/Traffic (fo
wind	50	43	Warning Sign for Environment/Traffic (fo
windshield	105	14	Broken or improperly cleaned windshield
wiper	123	10	Wipers
work	35	*	WORK ZONE
working	26	410	Working on roadway
working	318	29	Playing, working, sitting, lying, standi
wrong	26	21	Cyclist riding on wrong side of street m
wrong	318	10	Driving on wrong side of road
wrong-way	26	26	Vehicles collide head-on; wrong-way bicy
yamaha	109	76	Yamaha
yawed	140	2	Vehicle Rotated (Yawed) Clockwise
year	3	*	ACCIDENT DATE - YEAR
year	111	*	MODEL YEAR
year	158	*	IMPUTED MODEL YEAR
year	211	0	Up to one year
year	225	0	Up to one year
year	311	0	Up to one year
year	325	0	Up to one year
yield	21	22	Yield sign
yield	26	1	Cyclist fails to yield at a residential
yield	50	22	Yield sign
yield	104	6	Failure to yield right-of-way
yield	161	6	Failure to yield right-of-way
yield	318	7	Failure to yield right of way
yugo	109	57	Yugo
zip	147	*	DRIVERS ZIP CODE
zone	21	23	School zone related sign
zone	35	*	WORK ZONE
zone	50	23	School zone related sign
zone	318	8	Failure to obey traffic signs/control de
2-door	112	2	2-door sedan, hardtop, coupe



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Item	Var	CV	Variable Name or Code Value
2-door	154	2	2-door sedan, hardtop, coupe
3-door	112	3	3-door/2-door hatchback
3-door	154	3	3-door/2-door hatchback
4-door	112	4	4-door sedan, hardtop
4-door	154	4	4-door sedan, hardtop
5-door	112	5	5-door/4-door hatchback
5-door	154	5	5-door/4-door hatchback

