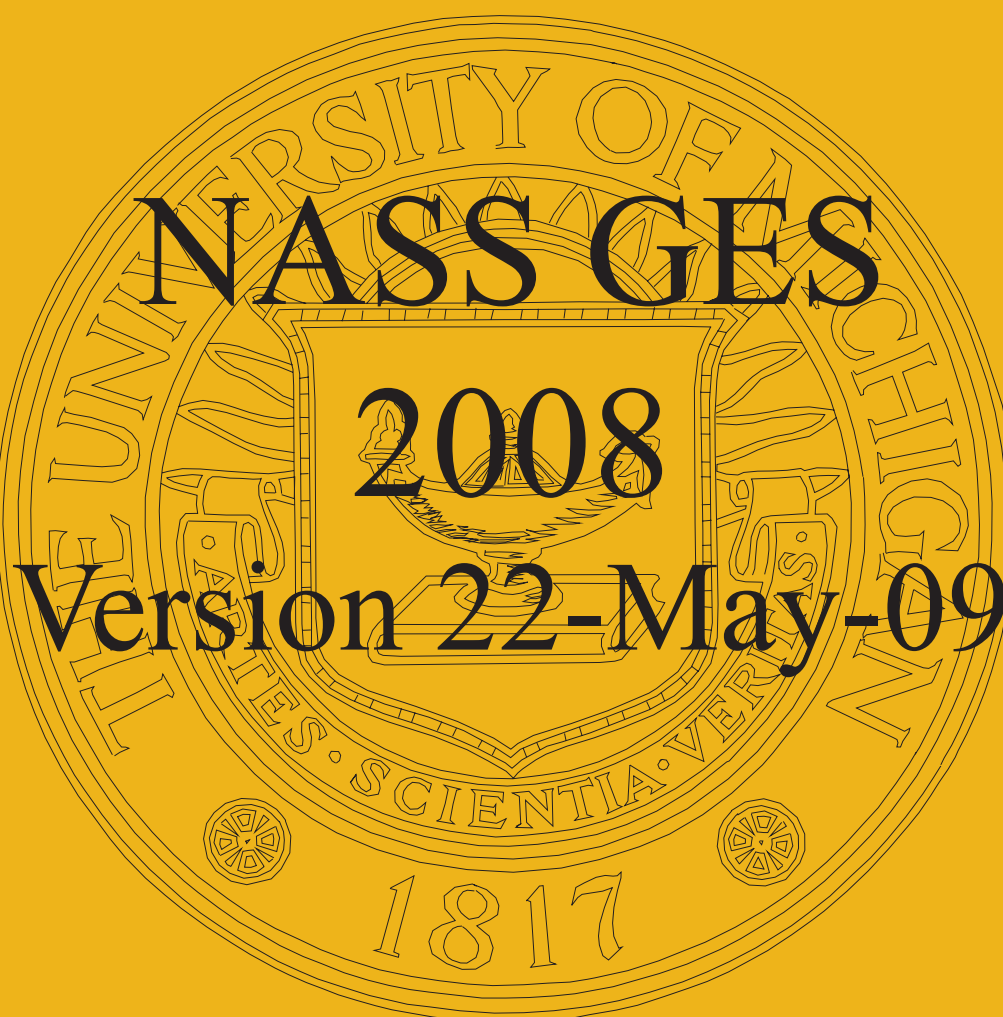


Transportation Data Center
Data Set Codebook

NUMBER 2009-3

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The University of Michigan
Transportation Research Institute

NASS General Estimates Systems (GES)

2008 Codebook - Version 22May09

Introduction

This codebook documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 2008. 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 released on May 22, 2009.

The data are a sample of the 2008 motor vehicle accidents for which candidate accidents were chosen with varying probabilities according to a scheme detailed in the Users Manual.¹ Accident reports chosen for inclusion represent accidents of all types with personal injuries ranging from minor to serious that were drawn from geographic areas reflecting the geography, roadway mileage, population, and traffic densities typical of the continental United States.

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

¹ National Center for Statistics and Analysis, National Automotive Sampling System (NASS) GENERAL ESTIMATES SYSTEM (GES), Analytical User's Manual, 1988 - 2008 File.

In the 2008 GES file there are 247 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.

In 2005 NHTSA began coding not-in-transport vehicles and their occupants, if any. These vehicles include legally parked and working vehicles. To remain consistent with prior years these vehicle and occupant records are not included in the ADAAS datasets except in the non-motorist file.

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 | GES08ACC | 55,946 | 1-53, 71-82 |
| Vehicle | GES08VEH | 96,546 | 1-53, 71-82, 101-189 |
| Occupant | GES08OCC | 133,042 | 1-53, 71-82, 101-189, 201-231 |
| Nonmotorist | GES08NMT | 4,261 | 1-53, 71-82, 101-189, 201-231, 301-340 |

The codebook itself is divided into five sections that document the accident, crash event, vehicle & driver, occupant, and nonmotorist records, respectively. The univariate frequencies and percentages displayed in each section are taken from the corresponding data set: vehicle and driver frequencies from GES07VEH, nonmotorist frequencies from GES08NMT, etc.).

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

The GES investigation STRATUM (variables 30, 78, 154, 219, 319), groupings of Police Accident Reports (PARs) at the PSU, are defined as:

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

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

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

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

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

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

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

For PDF versions of our codebooks and more information about our full line of services, please visit our website:

<http://www.umtri.umich.edu/tdc/>.

General Estimates System (GES)
2008 - Accident

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

General Estimates System (GES)
2008 - Accident

| <u>Variable Number</u> | <u>Variable Name</u> | <u>Width</u> | <u>Storage Type</u> | <u>Page Number</u> |
|----------------------------|--------------------------|--------------|-------------------------|------------------------|
| 51 | PSU STRATUM | 2 | Numeric | 27 |
| 52 | EMS ON SCENE | 1 | Numeric | 27 |
| 53 | NUMBER OF PARKED VEHICLE | 1 | Numeric | 27 |

General Estimates System (GES)
2008 - Crash Event

| Variable Number | Variable Name | Width | Storage Type | Page Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 71 | CASE NUMBER | 12 | Alphabetic | 29 |
| 72 | EVENT SEQUENCE NUMBER | 2 | Numeric | 29 |
| 73 | VEHICLE NUMBER | 2 | Numeric | 29 |
| 74 | GEN AREA DAMAGE-THIS VEH | 2 | Numeric | 30 |
| 75 | VEH #-OTH VEH/OBJ CONTAC | 3 | Numeric | 30 |
| 76 | GEN AREA OF DAM-OTH VEH | 2 | Numeric | 31 |
| 77 | POLICE JURISDICTION | 3 | Numeric | 32 |
| 78 | STRATUM | 1 | Numeric | 32 |
| 79 | PSU NUMBER | 2 | Numeric | 33 |
| 80 | REGION OF COUNTRY | 1 | Numeric | 33 |
| 81 | ACTION FOR THIS EVENT | 1 | Numeric | 34 |
| 82 | WEIGHT | 7 | Numeric | 34 |

General Estimates System (GES)
2008 - Vehicle

| Variable Number | Variable Name | Width | Storage Type | Page Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 101 | CASE NUMBER | 12 | Alphabetic | 35 |
| 102 | VEHICLE NUMBER | 2 | Numeric | 35 |
| 103 | DRIVER PRESENCE | 1 | Numeric | 35 |
| 104 | HIT-AND-RUN | 1 | Numeric | 36 |
| 105 | MAKE | 2 | Numeric | 36 |
| 106 | MAKE/MODEL | 5 | Numeric | 38 |
| 107 | MODEL YEAR | 4 | Numeric | 68 |
| 108 | BODY TYPE | 2 | Numeric | 68 |
| 109 | CARGO BODY TYPE | 2 | Numeric | 71 |
| 110 | NO OF AXLES ON VEH/TRAIL | 2 | Numeric | 71 |
| 111 | VIN | 11 | Alphabetic | 72 |
| 112 | SPECIAL USE | 2 | Numeric | 72 |
| 113 | HAZ MATERIAL PLACARD NO | 5 | Numeric | 72 |
| 114 | HAZ MATERIALS PLACARDED | 1 | Numeric | 73 |
| 115 | HAZ MATERIALS RELEASE | 1 | Numeric | 73 |
| 116 | EMERGENCY USE | 1 | Numeric | 73 |
| 117 | CARRIER'S ID NUMBER | 9 | Numeric | 73 |
| 118 | NUM OCC INVOLVED IN VEH | 2 | Numeric | 74 |
| 119 | NUMBER OF OCCUPANTS | 2 | Numeric | 74 |
| 120 | TRAVEL SPEED | 3 | Numeric | 75 |
| 121 | VEHICLE TRAILERING | 1 | Numeric | 75 |
| 122 | JACKKNIFE | 1 | Numeric | 75 |
| 123 | ROLLOVER | 2 | Numeric | 75 |
| 124 | FIRE OCCURRENCE | 1 | Numeric | 76 |
| 125 | INITIAL POINT OF IMPACT | 2 | Numeric | 76 |
| 126 | DAMAGE AREA #1 | 1 | Numeric | 76 |
| 127 | DAMAGE AREA #2 | 1 | Numeric | 77 |
| 128 | DAMAGE AREA #3 | 1 | Numeric | 77 |
| 129 | DAMAGE AREA #4 | 1 | Numeric | 78 |
| 130 | DAMAGE AREA #5 | 1 | Numeric | 78 |
| 131 | DAMAGE SEVERITY | 1 | Numeric | 78 |
| 132 | MANNER OF LEAVING SCENE | 1 | Numeric | 79 |
| 133 | MOST HARMFUL EVENT | 2 | Numeric | 79 |
| 134 | MHE EVENT NUMBER | 2 | Numeric | 80 |
| 135 | PRIOR TO CRITICAL EVENT | 2 | Numeric | 80 |
| 136 | CRITICAL EVENT | 2 | Numeric | 81 |
| 137 | CORRECTIVE ACTION ATTEMP | 2 | Numeric | 83 |
| 138 | PRECRASH VEHICLE CONTROL | 2 | Numeric | 83 |
| 139 | PRECRASH LOCATION | 2 | Numeric | 84 |
| 140 | VEHICLE ROLE | 1 | Numeric | 84 |
| 141 | ACCIDENT TYPE | 2 | Numeric | 84 |
| 142 | SPEED RELATED | 1 | Numeric | 85 |
| 143 | ROADWAY ALIGNMENT | 1 | Numeric | 85 |
| 144 | NUMBER OF TRAVEL LANES | 1 | Numeric | 86 |
| 145 | ROADWAY PROFILE | 1 | Numeric | 86 |
| 146 | SPEED LIMIT | 2 | Numeric | 86 |
| 147 | SURFACE CONDITION | 1 | Numeric | 87 |
| 148 | TRAFFICWAY FLOW | 1 | Numeric | 87 |
| 149 | MAX INJ SEVERITY IN VEH | 1 | Numeric | 87 |
| 150 | NUMBER INJURED IN VEH | 2 | Numeric | 88 |

General Estimates System (GES)
2008 - Vehicle

| Variable Number | Variable Name | Width | Storage Type | Page Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 151 | DRIVER DRINKING IN VEH | 1 | Numeric | 88 |
| 152 | DRIVERS ZIP CODE | 5 | Numeric | 88 |
| 153 | POLICE JURISDICTION | 3 | Numeric | 88 |
| 154 | STRATUM | 1 | Numeric | 89 |
| 155 | PSU NUMBER | 2 | Numeric | 89 |
| 156 | REGION OF COUNTRY | 1 | Numeric | 90 |
| 157 | WEIGHT | 7 | Numeric | 90 |
| 158 | IMPUTED BODY TYPE | 2 | Numeric | 90 |
| 159 | IMPUTED HIT-AND-RUN | 1 | Numeric | 92 |
| 160 | IMP INIT POINT OF IMPACT | 2 | Numeric | 93 |
| 161 | IMP PRIOR TO CRIT EVENT | 2 | Numeric | 93 |
| 162 | IMPUTED MODEL YEAR | 4 | Numeric | 94 |
| 163 | IMP MAX INJ SEV IN VEH | 1 | Numeric | 94 |
| 164 | IMP NUM INJURED IN VEH | 2 | Numeric | 94 |
| 165 | IMP VIOLATIONS CHARGED | 2 | Numeric | 95 |
| 166 | IMPUTED VEHICLE ROLE | 1 | Numeric | 95 |
| 167 | IMP ALC INVOLVED IN VEH | 1 | Numeric | 96 |
| 168 | IMP MOST HARMFUL EVENT | 2 | Numeric | 96 |
| 169 | TRAFFIC CONTRL DEVICE #1 | 2 | Numeric | 97 |
| 170 | TRAFFIC CONTRL DEVICE #2 | 2 | Numeric | 98 |
| 171 | TRAFFIC CONTRL DEVICE #3 | 2 | Numeric | 99 |
| 172 | TRAFFIC CONTRL DEVICE #4 | 2 | Numeric | 100 |
| 173 | DRVR MANEUVER TO AVOID#1 | 2 | Numeric | 100 |
| 174 | DRVR MANEUVER TO AVOID#2 | 2 | Numeric | 101 |
| 175 | VEHICLE CONTRIB FACTOR#1 | 2 | Numeric | 101 |
| 176 | VEHICLE CONTRIB FACTOR#2 | 2 | Numeric | 102 |
| 177 | VEHICLE CONTRIB FACTOR#3 | 2 | Numeric | 102 |
| 178 | VEHICLE CONTRIB FACTOR#4 | 2 | Numeric | 102 |
| 179 | VISION OBSCURED BY #1 | 2 | Numeric | 103 |
| 180 | VISION OBSCURED BY #2 | 2 | Numeric | 103 |
| 181 | VISION OBSCURED BY #3 | 2 | Numeric | 104 |
| 182 | DRIVER DISTRACTED BY #1 | 2 | Numeric | 104 |
| 183 | DRIVER DISTRACTED BY #2 | 2 | Numeric | 105 |
| 184 | DRIVER DISTRACTED BY #3 | 2 | Numeric | 105 |
| 185 | DRVR VIOLATNS CHARGED #1 | 2 | Numeric | 105 |
| 186 | DRVR VIOLATNS CHARGED #2 | 2 | Numeric | 106 |
| 187 | DRVR VIOLATNS CHARGED #3 | 2 | Numeric | 106 |
| 188 | DRVR VIOLATNS CHARGED #4 | 2 | Numeric | 107 |
| 189 | DRVR VIOLATNS CHARGED #5 | 2 | Numeric | 107 |

General Estimates System (GES)
2008 - Occupant

| Variable Number | Variable Name | Width | Storage Type | Page Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 201 | CASE NUMBER | 12 | Alphabetic | 109 |
| 202 | VEHICLE NUMBER | 2 | Numeric | 109 |
| 203 | OCCUPANT NUMBER | 2 | Numeric | 109 |
| 204 | OCCUPANT TYPE | 1 | Numeric | 110 |
| 205 | OCC SEATING POSITION | 2 | Numeric | 110 |
| 206 | OCC RESTRAINT SYSTEM USE | 1 | Numeric | 111 |
| 207 | AIRBAG AVAIL/FUNCTION | 1 | Numeric | 111 |
| 208 | OCCUPANT EJECTION | 1 | Numeric | 111 |
| 209 | OCCUPANT AGE | 3 | Numeric | 112 |
| 210 | OCCUPANT SEX | 1 | Numeric | 112 |
| 211 | OCC INJURY SEVERITY | 1 | Numeric | 112 |
| 212 | TAKEN TO HOSP/TREATMENT | 1 | Numeric | 113 |
| 213 | PAR ALCOHOL INVOLVEMENT | 1 | Numeric | 113 |
| 214 | PAR DRUG INVOLVEMENT | 1 | Numeric | 113 |
| 215 | ALCOHOL TEST GIVEN | 1 | Numeric | 114 |
| 216 | DRUG TEST GIVEN | 1 | Numeric | 114 |
| 217 | FILLER | 2 | Numeric | 114 |
| 218 | POLICE JURISDICTION | 3 | Numeric | 114 |
| 219 | STRATUM | 1 | Numeric | 115 |
| 220 | PSU NUMBER | 2 | Numeric | 115 |
| 221 | REGION OF COUNTRY | 1 | Numeric | 116 |
| 222 | WEIGHT | 7 | Numeric | 116 |
| 223 | IMPUTED OCCUPANT AGE | 3 | Numeric | 116 |
| 224 | IMP PAR ALC INVOLVEMENT | 1 | Numeric | 116 |
| 225 | IMPUT OCCUPANT EJECTION | 1 | Numeric | 117 |
| 226 | IMP OCC INJURY SEVERITY | 1 | Numeric | 117 |
| 227 | IMP OCC SEATING POSITION | 2 | Numeric | 118 |
| 228 | IMPUTED OCCUPANT SEX | 1 | Numeric | 118 |
| 229 | PHYSICAL IMPAIRMENT #1 | 2 | Numeric | 119 |
| 230 | PHYSICAL IMPAIRMENT #2 | 2 | Numeric | 119 |
| 231 | PHYSICAL IMPAIRMENT #3 | 2 | Numeric | 120 |

General Estimates System (GES)
2008 - Nonmotorist

| Variable Number | Variable Name | Width | Storage Type | Page Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 301 | CASE NUMBER | 12 | Alphabetic | 121 |
| 302 | VEH STRIKING NUMBER NMTR | 2 | Numeric | 121 |
| 303 | NONMOTORIST NUMBER | 2 | Numeric | 121 |
| 304 | NONMOTORIST TYPE | 1 | Numeric | 122 |
| 305 | FILLER | 2 | Numeric | 122 |
| 306 | FILLER | 1 | Numeric | 122 |
| 307 | FILLER | 1 | Numeric | 122 |
| 308 | FILLER | 1 | Numeric | 122 |
| 309 | NONMOTORIST AGE | 3 | Numeric | 122 |
| 310 | NONMOTORIST SEX | 1 | Numeric | 123 |
| 311 | NMTR INJURY SEVERITY | 1 | Numeric | 123 |
| 312 | TAKEN TO HOSP/TREATMENT | 1 | Numeric | 123 |
| 313 | PAR ALCOHOL INVOLVEMENT | 1 | Numeric | 123 |
| 314 | PAR DRUG INVOLVEMENT | 1 | Numeric | 124 |
| 315 | ALCOHOL TEST GIVEN | 1 | Numeric | 124 |
| 316 | DRUG TEST GIVEN | 1 | Numeric | 125 |
| 317 | NMTR LOCATION | 2 | Numeric | 125 |
| 318 | POLICE JURISDICTION | 3 | Numeric | 125 |
| 319 | STRATUM | 1 | Numeric | 126 |
| 320 | PSU NUMBER | 2 | Numeric | 126 |
| 321 | REGION OF COUNTRY | 1 | Numeric | 127 |
| 322 | WEIGHT | 7 | Numeric | 127 |
| 323 | IMPUTED NONMOTORIST AGE | 3 | Numeric | 127 |
| 324 | IMP PAR ALC INVOLVEMENT | 1 | Numeric | 127 |
| 325 | FILLER | 1 | Numeric | 128 |
| 326 | IMP NMTR INJURY SEVERITY | 1 | Numeric | 128 |
| 327 | FILLER | 2 | Numeric | 128 |
| 328 | IMPUTED NONMOTORIST SEX | 1 | Numeric | 128 |
| 329 | PHYSICAL IMPAIRMENT #1 | 2 | Numeric | 129 |
| 330 | PHYSICAL IMPAIRMENT #2 | 2 | Numeric | 129 |
| 331 | NONMOTORIST ACTION #1 | 2 | Numeric | 129 |
| 332 | NONMOTORIST ACTION #2 | 2 | Numeric | 130 |
| 333 | NONMOTORIST ACTION #3 | 2 | Numeric | 131 |
| 334 | NONMOTORIST ACTION #4 | 2 | Numeric | 131 |
| 335 | NONMOTORIST ACTION #5 | 2 | Numeric | 132 |
| 336 | BICYCL TRAF CNTRL DEVC#1 | 2 | Numeric | 132 |
| 337 | BICYCL TRAF CNTRL DEVC#2 | 2 | Numeric | 133 |
| 338 | SAFETY EQUIPMENT USED #1 | 2 | Numeric | 134 |
| 339 | SAFETY EQUIPMENT USED #2 | 2 | Numeric | 134 |
| 340 | SAFETY EQUIPMENT USED #3 | 2 | Numeric | 135 |

The ACCIDENT Variables

Variables 1 through 53 describe the accident. They are included in the Accident, Vehicle, Occupant, and Nonmotorist data sets. The Accident data set contains these variables and no others.

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

NHTSA SAS Variable - CASENUM

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

NHTSA SAS Variable - MONTH

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 4759 | 8.5 | 1 | January |
| 4963 | 8.9 | 2 | February |
| 4544 | 8.1 | 3 | March |
| 4501 | 8.0 | 4 | April |
| 4765 | 8.5 | 5 | May |
| 4663 | 8.3 | 6 | June |
| 4441 | 7.9 | 7 | July |
| 4451 | 8.0 | 8 | August |
| 4379 | 7.8 | 9 | September |
| 4783 | 8.5 | 10 | October |
| 4709 | 8.4 | 11 | November |
| 4988 | 8.9 | 12 | December |

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

NHTSA SAS Variable - YEAR

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 55946 | 100.0 | 2008 | 2008 |

| Variable 4 | ACCIDENT DAY OF WEEK | Width: 1 | Type: Numeric |
|------------|----------------------|-----------|---------------|
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - WEEKDAY

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 6145 | 11.0 | 1 | Sunday |
| 8026 | 14.3 | 2 | Monday |
| 8405 | 15.0 | 3 | Tuesday |
| 8422 | 15.1 | 4 | Wednesday |
| 8065 | 14.4 | 5 | Thursday |
| 9423 | 16.8 | 6 | Friday |
| 7460 | 13.3 | 7 | Saturday |

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

NHTSA SAS Variable - HOUR

Crash time - hour

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 1176 | 2.1 | 0 | 12:01 am - 12:59 am |
| 1120 | 2.0 | 1 | 1:00 am - 1:59 am |
| 1154 | 2.1 | 2 | 2:00 am - 2:59 am |
| 824 | 1.5 | 3 | 3:00 am - 3:59 am |
| 703 | 1.3 | 4 | 4:00 am - 4:59 am |
| 955 | 1.7 | 5 | 5:00 am - 5:59 am |
| 1666 | 3.0 | 6 | 6:00 am - 6:59 am |
| 2834 | 5.1 | 7 | 7:00 am - 7:59 am |
| 2900 | 5.2 | 8 | 8:00 am - 8:59 am |
| 2353 | 4.2 | 9 | 9:00 am - 9:59 am |
| 2329 | 4.2 | 10 | 10:00 am - 10:59 am |
| 2537 | 4.5 | 11 | 11:00 am - 11:59 am |
| 3138 | 5.6 | 12 | 12:00 pm - 12:59 pm |
| 3155 | 5.6 | 13 | 1:00 pm - 1:59 pm |
| 3475 | 6.2 | 14 | 2:00 pm - 2:59 pm |
| 4155 | 7.4 | 15 | 3:00 pm - 3:59 pm |
| 4130 | 7.4 | 16 | 4:00 pm - 4:59 pm |
| 4326 | 7.7 | 17 | 5:00 pm - 5:59 pm |
| 3278 | 5.9 | 18 | 6:00 pm - 6:59 pm |
| 2370 | 4.2 | 19 | 7:00 pm - 7:59 pm |
| 2031 | 3.6 | 20 | 8:00 pm - 8:59 pm |
| 1975 | 3.5 | 21 | 9:00 pm - 9:59 pm |
| 1638 | 2.9 | 22 | 10:00 pm - 10:59 pm |
| 1327 | 2.4 | 23 | 11:00 pm - 11:59 pm |
| 43 | 0.1 | 24 | 12:00 Midnight |
| 354 | 0.6 | 99 | Unknown |

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

NHTSA SAS Variable - MINUTE

Crash time - minute

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 3840 | 6.9 | 0 | - Minute |
| 536 | 1.0 | 59 | |
| 354 | 0.6 | 99 | Unknown |

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

NHTSA SAS Variable - VEH_INVL

Number of vehicles involved

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 20829 | 37.2 | 1 | 1 vehicle involved |
| 30741 | 54.9 | 2 | 2 vehicles involved |
| 3531 | 6.3 | 3 | 3 vehicles involved |
| 663 | 1.2 | 4 | 4 vehicles involved |
| 141 | 0.3 | 5 | 5 vehicles involved |
| 23 | 0.0 | 6 | 6 vehicles involved |
| 9 | 0.0 | 7 | 7 vehicles involved |
| 5 | 0.0 | 8 | 8 vehicles involved |
| 2 | 0.0 | 10 | 10 vehicles involved |
| 1 | 0.0 | 11 | 11 vehicles involved |
| 1 | 0.0 | 13 | 13 vehicles involved |

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

NHTSA SAS Variable - NON_INVL

Number of nonmotorists involved

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------|
| 51929 | 92.8 | 0 | 0 nonmotorists involved |
| 3831 | 6.8 | 1 | 1 nonmotorist involved |
| 143 | 0.3 | 2 | 2 nonmotorists involved |
| 34 | 0.1 | 3 | 3 nonmotorists involved |
| 5 | 0.0 | 4 | 4 nonmotorists involved |
| 2 | 0.0 | 5 | 5 nonmotorists involved |
| 2 | 0.0 | 6 | 6 nonmotorists involved |

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

NHTSA SAS Variable - LAND_USE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 9563 | 17.1 | 1 | Within area of population 25,000-50,000 |
| 4716 | 8.4 | 2 | Within area of population 50,000-100,000 |
| 22265 | 39.8 | 3 | Within area of population 100,000+ |
| 19402 | 34.7 | 8 | Other area |

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

NHTSA SAS Variable - EVENT1

| 22May09 | Prcnt | Code | Value and Description |
|---------------------------------|-------|------|--|
| Noncollision | | | |
| 2559 | 4.6 | 1 | Rollover/Overturn |
| 29 | 0.1 | 2 | Fire/Explosion |
| 11 | 0.0 | 3 | Immersion |
| 0 | 0.0 | 4 | Gas inhalation |
| 89 | 0.2 | 5 | Jackknife |
| 106 | 0.2 | 6 | Noncollision injury (injured in or fell from vehicle) |
| 33 | 0.1 | 7 | Pavement surface irregularity (ruts, potholes, grates, etc.) |
| 129 | 0.2 | 8 | Other noncollision (excludes objects set in motion by an in-transport motor vehicle) |
| 4 | 0.0 | 9 | Noncollision - no details |
| 21 | 0.0 | 10 | Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle) |
| Collision with Object Not Fixed | | | |
| 1974 | 3.5 | 21 | Pedestrian |
| 1573 | 2.8 | 22 | Cycle or cyclist (pedalcycle or pedalcyclist) |
| 25 | 0.0 | 23 | Railway train |
| 1390 | 2.5 | 24 | Animal |
| 34388 | 61.5 | 25 | Motor vehicle in transport |
| 1968 | 3.5 | 26 | Parked motor vehicle (or other mv not in transport) |
| 105 | 0.2 | 27 | Other type nonmotorist (includes motorized wheelchairs) |
| 326 | 0.6 | 28 | Other object not fixed |
| 7 | 0.0 | 29 | Object not fixed - no details |
| Collision with Fixed Object | | | |
| 19 | 0.0 | 31 | Ground |
| 116 | 0.2 | 32 | Building |
| 38 | 0.1 | 33 | Impact attenuator or crash cushion |
| 183 | 0.3 | 34 | Bridge structure (bridge pier/abutment/parapet end/rail) |
| 1219 | 2.2 | 35 | Guardrail |
| 1044 | 1.9 | 36 | Concrete traffic barrier or other longitudinal barrier type |
| 2279 | 4.1 | 37 | Sign post, utility pole or other support |

Variable 10:FIRST HARMFUL EVENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------|
| 1429 | 2.6 | 38 | Culvert or ditch |
| 872 | 1.6 | 39 | Curb |
| 557 | 1.0 | 40 | Embankment |
| 499 | 0.9 | 41 | Fence |
| 139 | 0.2 | 42 | Wall |
| 101 | 0.2 | 43 | Fire hydrant |
| 101 | 0.2 | 44 | Shrubbery or bush |
| 1746 | 3.1 | 45 | Tree |
| 89 | 0.2 | 46 | Boulder |
| 693 | 1.2 | 58 | Other fixed object |
| 22 | 0.0 | 59 | Fixed object - no details |
| 63 | 0.1 | 99 | Unknown |

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

NHTSA SAS Variable - MAN_COL

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 21676 | 38.7 | 0 | Not collision with motor vehicle in transport |
| 13415 | 24.0 | 1 | Rear-end |
| 1936 | 3.5 | 2 | Head-on |
| 11 | 0.0 | 3 | Rear-to-rear |
| 14644 | 26.2 | 4 | Angle |
| 3569 | 6.4 | 5 | Sideswipe, same direction |
| 564 | 1.0 | 6 | Sideswipe, opposite direction |
| 131 | 0.2 | 9 | Unknown |

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

NHTSA SAS Variable - INT_HWY

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 49428 | 88.3 | 0 | No |
| 6508 | 11.6 | 1 | Yes |
| 10 | 0.0 | 9 | Unknown |

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

NHTSA SAS Variable - REL_JCT

| 22May09 | Prcnt | Code | Value and Description |
|--|-------|------|-------------------------------|
| Non-Interchange Area | | | |
| 25772 | 46.1 | 0 | Non-junction |
| 12492 | 22.3 | 1 | Intersection |
| 9360 | 16.7 | 2 | Intersection related |
| 4205 | 7.5 | 3 | Driveway, alley access, etc. |
| 168 | 0.3 | 4 | Entrance/exit ramp |
| 87 | 0.2 | 5 | Rail grade crossing |
| 278 | 0.5 | 6 | On a bridge |
| 64 | 0.1 | 7 | Crossover related |
| 227 | 0.4 | 8 | Other, non-interchange |
| 318 | 0.6 | 9 | Unknown, non-interchange |
| Interchange Area | | | |
| 326 | 0.6 | 10 | Non-junction |
| 164 | 0.3 | 11 | Intersection |
| 112 | 0.2 | 12 | Intersection related |
| 6 | 0.0 | 13 | Driveway alley access, etc. |
| 1501 | 2.7 | 14 | Entrance/exit ramp |
| 13 | 0.0 | 16 | On a bridge |
| 7 | 0.0 | 17 | Crossover related |
| 50 | 0.1 | 18 | Other location in interchange |
| 6 | 0.0 | 19 | Unknown, interchange area |
| Unknown if Interchange or Noninterchange | | | |
| 790 | 1.4 | 99 | Unknown if interchange |

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

NHTSA SAS Variable - REL_RWY

Indicates the location of the first harmful event

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--------------------------------|
| 40987 | 73.3 | 1 | On roadway |
| 412 | 0.7 | 2 | On shoulder |
| 1959 | 3.5 | 3 | On median |
| 8529 | 15.2 | 4 | On roadside |
| 1373 | 2.5 | 5 | Outside trafficway |
| 886 | 1.6 | 6 | Off roadway - location unknown |
| 1444 | 2.6 | 7 | In parking lane |
| 169 | 0.3 | 8 | Gore |
| 80 | 0.1 | 9 | Continuous left turn lane |
| 27 | 0.0 | 10 | Separator |
| 80 | 0.1 | 99 | Unknown |

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

NHTSA SAS Variable - TRAF_WAY

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

| 22May09 | Prcnt | Code | Value and Description |
|---------|------------|------|--|
| | 2249 4.0 | 0 | Not physically divided (center 2-way left turn lane) |
| | 16996 30.4 | 1 | Not physically divided (two way trafficway) |
| | 2629 4.7 | 2 | Divided highway (median strip, barrier, etc.) |
| | 8032 14.4 | 3 | One way trafficway |
| | | 9 | Unknown |

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

NHTSA SAS Variable - NUM_LAN

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

| 22May09 | Prcnt | Code | Value and Description |
|---------|------------|------|-----------------------|
| | 1380 2.5 | 1 | One lane |
| | 23037 41.2 | 2 | Two lanes |
| | 7500 13.4 | 3 | Three lanes |
| | 6608 11.8 | 4 | Four lanes |
| | 4827 8.6 | 5 | Five lanes |
| | 838 1.5 | 6 | Six lanes |
| | 496 0.9 | 7 | Seven or more lanes |
| | 11260 20.1 | 9 | Unknown |

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

NHTSA SAS Variable - ALIGN

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

Variable 17:ROADWAY ALIGNMENT (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|----------|
| 47247 | 84.5 | 1 | Straight |
| 6700 | 12.0 | 2 | Curve |
| 1999 | 3.6 | 9 | Unknown |

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

NHTSA SAS Variable - PROFILE

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-----------|
| 34081 | 60.9 | 1 | Level |
| 8143 | 14.6 | 2 | Grade |
| 800 | 1.4 | 3 | Hillcrest |
| 114 | 0.2 | 8 | Sag |
| 12808 | 22.9 | 9 | Unknown |

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

NHTSA SAS Variable - SUR_COND

Roadway surface condition

If the crash involves vehicles traveling on different trafficways (e.g., first harmful event occurred in an intersection), the trafficway coded is based on the roadway surface type and number of travel lanes of the trafficways involved and a determination of which vehicle contributed most to the cause of the crash.

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-----------------|
| 43095 | 77.0 | 1 | Dry |
| 8375 | 15.0 | 2 | Wet |
| 1751 | 3.1 | 3 | Snow or slush |
| 1841 | 3.3 | 4 | Ice |
| 57 | 0.1 | 5 | Sand, dirt, oil |
| 145 | 0.3 | 8 | Other |
| 682 | 1.2 | 9 | Unknown |

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

NHTSA SAS Variable - TRAF_CON

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 33378 | 59.7 | 0 | No controls |
| | | | NOT AT RAILROAD GRADE CROSSING: |
| | | | Trafficway Traffic Signals |
| 11540 | 20.6 | 1 | Traffic control signal (on colors) |
| 230 | 0.4 | 4 | Flashing traffic control signal or flashing beacon |
| 30 | 0.1 | 8 | Other traffic signal |
| 10 | 0.0 | 9 | Unknown traffic signal |
| | | | Regulatory, School Zone Signs |
| 5554 | 9.9 | 21 | Stop sign |
| 611 | 1.1 | 22 | Yield sign |
| 15 | 0.0 | 23 | School zone related sign |
| 157 | 0.3 | 28 | Other sign |
| 18 | 0.0 | 29 | Unknown sign |
| | | | Warning Signs |
| 878 | 1.6 | 40 | Advisory speed sign |
| 68 | 0.1 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |
| 79 | 0.1 | 42 | Warning sign for road construction |
| 4 | 0.0 | 43 | Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.) |
| 101 | 0.2 | 49 | Unknown type warning sign |
| | | | Miscellaneous Not at Railroad Crossing |
| 99 | 0.2 | 51 | Officer, crossing guard, flagman, etc. |
| | | | AT RAILROAD GRADE CROSSING: |
| 47 | 0.1 | 61 | Active devices (gates, flashing lights, traffic signal) |
| 13 | 0.0 | 62 | Passive device (stop sign, cross bucks) |
| | | | OTHER: |
| 147 | 0.3 | 97 | Traffic control present - no details |
| 384 | 0.7 | 98 | Other traffic control (whether or not at RR grade crossing) |
| 2583 | 4.6 | 99 | Unknown |

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

NHTSA SAS Variable - SPD_LIM

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

Variable 21: SPEED LIMIT (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|------|------|----|---|
| 724 | 1.3 | 0 | No statutory limit (parking lot, alley, etc.) |
| 28 | 0.1 | 5 | |
| | | - | Actual posted speed limit in miles per hour |
| 261 | 0.5 | 75 | |
| 7139 | 12.8 | 99 | Unknown |

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

NHTSA SAS Variable - LGHT_CON

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|------------------|
| 37128 | 66.4 | 1 | Daylight |
| 6628 | 11.8 | 2 | Dark |
| 9866 | 17.6 | 3 | Dark but lighted |
| 867 | 1.5 | 4 | Dawn |
| 1088 | 1.9 | 5 | Dusk |
| 369 | 0.7 | 9 | Unknown |

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

NHTSA SAS Variable - WEATHER

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|--|
| 46938 | 83.9 | 1 | No adverse atmospheric conditions |
| 5482 | 9.8 | 2 | Rain |
| 288 | 0.5 | 3 | Sleet |
| 1778 | 3.2 | 4 | Snow |
| 203 | 0.4 | 5 | Fog |
| 20 | 0.0 | 6 | Rain and fog |
| 5 | 0.0 | 7 | Sleet and fog |
| 629 | 1.1 | 8 | Other (smog, smoke, blowing sand/dust/snow, crosswind, hail) |
| 603 | 1.1 | 9 | Unknown |

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

NHTSA SAS Variable - SCHL_BUS

Was a school bus directly or indirectly involved?

Variable 24: SCH BUS RELATED TO ACC (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-----|
| 55713 | 99.6 | 0 | No |
| 233 | 0.4 | 1 | Yes |

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

NHTSA SAS Variable - PED_ACC

Pedestrian/Cyclist crash type

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|----|---|
| 52202 | 93.3 | 0 | No pedestrian/cyclist involved |
| | | | Bicyclist Rides out from a Driveway, Alley, or Other Mid-bloc |
| 38 | 0.1 | 1 | Ride out, residential driveway |
| 11 | 0.0 | 2 | Ride out, commercial driveway |
| 31 | 0.1 | 3 | Ride out from sidewalk |
| 79 | 0.1 | 4 | Ride out, midblock |
| | | | Bicyclist Rides out from a Controlled Intersection |
| 77 | 0.1 | 5 | Ride out, stop sign |
| 5 | 0.0 | 6 | Trapped |
| 1 | 0.0 | 7 | Multiple threat |
| | | | Motorist Turns or Drives out in Front of Bicyclist |
| 111 | 0.2 | 8 | Drive out, driveway/alley |
| 161 | 0.3 | 9 | Drive out, stop sign |
| 55 | 0.1 | 10 | Right on red |
| 16 | 0.0 | 11 | The crash involves a motor vehicle which is backing |
| 26 | 0.0 | 12 | Drive through |
| | | | Motorist Overtakes Bicyclist |
| 40 | 0.1 | 13 | Motorist overtakes undetected cyclist |
| 2 | 0.0 | 14 | Motorist lost control |
| 4 | 0.0 | 15 | Motorist overtaking, counteractive evasive actions |
| 13 | 0.0 | 16 | Motorist overtaking, misjudges passing space |
| 1 | 0.0 | 17 | Motorist overtaking cyclist, path obstructed |
| | | | Bicyclist Makes Unexpected Turn or Swerve |
| 29 | 0.1 | 18 | Cyclist left turn, in front of traffic |
| 9 | 0.0 | 19 | Cyclist left turn, facing traffic |
| 12 | 0.0 | 20 | Cyclist lost control |
| 1 | 0.0 | 21 | Cyclist right turn, from wrong side of street |
| | | | Motorist Makes Unexpected Turn |
| 29 | 0.1 | 22 | Motorist left turn, in front of cyclist |
| 145 | 0.3 | 23 | Motorist left turn, facing cyclist |
| 131 | 0.2 | 24 | Motorist right turn, in front of cyclist |

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Other/Infrequent |
| 17 | 0.0 | 25 | Uncontrolled intersection, other |
| 19 | 0.0 | 26 | Wrong way cyclist |
| 22 | 0.0 | 27 | Cyclist overtaking |
| 2 | 0.0 | 28 | Wrong way motorist |
| 9 | 0.0 | 29 | Parking lot, open area, or another nonroadway location, such as a gas station |
| 2 | 0.0 | 30 | Head-on, counteractive evasive actions |
| 2 | 0.0 | 31 | Cyclist cuts corner |
| 1 | 0.0 | 32 | Cyclist swings wide |
| 3 | 0.0 | 33 | Motorist cuts corner |
| 10 | 0.0 | 34 | Motorist swings wide |
| 6 | 0.0 | 35 | Drive out - on street parking |
| 0 | 0.0 | 36 | Weird - the motorist or cyclist intentionally causes the crash, officer indicates no crash actually occurs, crash does not involve a cyclist, cyclist is struck by falling cargo |
| 94 | 0.2 | 39 | Motorist overtaking |
| 3 | 0.0 | 40 | Is the pedalcyclist riding a children's vehicle? (big wheel, other tricycle, or bicyclist with training wheels) |
| 0 | 0.0 | 41 | Cyclist struck parked vehicle |
| 61 | 0.1 | 48 | Drive out, intersection (motorist drove out into or in front of cyclist) |
| 175 | 0.3 | 49 | Ride out, intersection (bicyclist) |
| 81 | 0.1 | 55 | Controlled intersection, other |
| 17 | 0.0 | 97 | Unknown if approach paths are parallel or crossing |
| 18 | 0.0 | 98 | Parallel path 7 - No way of knowing which parallel path 1-6 is true |
| 11 | 0.0 | 99 | Crossing path 8 - No way of knowing which crossing path 1-7 is true |
| | | | Pedestrian Crash Types |
| 29 | 0.1 | 110 | Commercial bus related |
| 16 | 0.0 | 120 | School bus related |
| 11 | 0.0 | 130 | Ice cream vendor |
| 2 | 0.0 | 140 | Mailbox related |
| 23 | 0.0 | 150 | Entering/exiting |
| 19 | 0.0 | 210 | Driverless vehicle |
| 69 | 0.1 | 220 | Backing vehicle |
| 1 | 0.0 | 230 | Hot pursuit |
| 2 | 0.0 | 310 | Walking to or from disabled vehicle |
| 13 | 0.0 | 320 | Disabled vehicle related |
| 7 | 0.0 | 330 | Emergency/police vehicle related |
| 21 | 0.0 | 410 | Working on roadway |
| 29 | 0.1 | 420 | Play vehicle related |
| 9 | 0.0 | 430 | Playing in roadway |
| 1 | 0.0 | 510 | Hitchhiking |
| 7 | 0.0 | 520 | Expressway crossing |
| 65 | 0.1 | 531 | Walking along roadway with traffic |
| 18 | 0.0 | 532 | Walking along roadway against traffic |
| 9 | 0.0 | 539 | Walking along roadway - can't specify |

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|---|
| 1 | 0.0 | 610 | Pedestrian waiting to cross at/near curb |
| 84 | 0.2 | 620 | Pedestrian not in roadway |
| 23 | 0.0 | 710 | Multiple threat, at intersection |
| 522 | 0.9 | 720 | Vehicle turn/merge |
| 95 | 0.2 | 730 | Intersection dash |
| 2 | 0.0 | 740 | Trapped |
| 18 | 0.0 | 750 | Pedestrian walks into vehicle - at intersection |
| 57 | 0.1 | 760 | Intersection, driver violation |
| 364 | 0.7 | 790 | Intersection - other |
| 3 | 0.0 | 810 | Multiple threat, at midblock |
| 46 | 0.1 | 821 | Dart-out, first half |
| 26 | 0.0 | 822 | Dart-out, second half |
| 6 | 0.0 | 829 | Dart-out, can't specify |
| 135 | 0.2 | 830 | Midblock dash |
| 20 | 0.0 | 840 | Pedestrian walks into vehicle, midblock |
| 356 | 0.6 | 890 | Midblock - other |
| 8 | 0.0 | 910 | Other - weird |
| 13 | 0.0 | 920 | Inadequate information |
| Wheelchair Crash Types (excludes motorized wheelchairs) | | | |
| 0 | 0.0 | 1110 | Commercial bus related |
| 0 | 0.0 | 1120 | School bus related |
| 0 | 0.0 | 1130 | Ice cream vendor |
| 0 | 0.0 | 1140 | Mailbox related |
| 0 | 0.0 | 1150 | Entering/exiting |
| 0 | 0.0 | 1210 | Driverless vehicle |
| 0 | 0.0 | 1230 | Hot pursuit |
| 0 | 0.0 | 1310 | Walking to or from disabled vehicle |
| 0 | 0.0 | 1320 | Disabled vehicle related |
| 0 | 0.0 | 1330 | Emergency/police vehicle related |
| 0 | 0.0 | 1410 | Working on roadway |
| 0 | 0.0 | 1420 | Play vehicle related |
| 0 | 0.0 | 1430 | Playing in roadway |
| 0 | 0.0 | 1510 | Hitchhiking |
| 0 | 0.0 | 1520 | Expressway crossing |
| 1 | 0.0 | 1531 | Wheelchair: Walking along roadway - with traffic |
| 1 | 0.0 | 1532 | Wheelchair: Walking along road - against traffic |
| 1 | 0.0 | 1710 | Wheelchair: Multiple threat/at intersection |
| 11 | 0.0 | 1720 | Wheelchair: Vehicle turn/merge |
| 0 | 0.0 | 1750 | Wheelchair: Rolled into vehicle - at intersection |
| 1 | 0.0 | 1760 | Wheelchair: Intersection, driver violation |
| 11 | 0.0 | 1790 | Wheelchair: Intersection - other |
| 1 | 0.0 | 1810 | Multiple threat, at midblock |
| 0 | 0.0 | 1822 | Wheelchair: Dart-out, second half |
| 0 | 0.0 | 1829 | Dart-out, can't specify |
| 0 | 0.0 | 1830 | Midblock dash |
| 0 | 0.0 | 1840 | Wheelchair: Rolled into vehicle, midblock |
| 7 | 0.0 | 1890 | Wheelchair: Midblock - other |

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

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

22May09 Prcnt Code Value and Description

Category 1 - Pedestrian/Bike Crash Types

- 110 Commercial bus related
- 120 School bus related
- 130 Ice cream vendor
- 140 Mailbox related
- 150 Entering/exiting

Category 2 -

- 210 Driverless vehicle
- 220 Backing vehicle
- 230 Hot pursuit

Category 3 -

- 310 Walking to or from disabled vehicle
- 320 Disabled vehicle related
- 330 Emergency/police vehicle related

Category 4 -

- 410 Working on roadway
- 420 Play vehicle related
- 430 Playing in roadway

Category 5 -

- 510 Hitchhiking
- 520 Expressway crossing
- 531 Walking along roadway - with traffic
- 532 Walking along roadway - against traffic
- 539 Walking along roadway - can't specify

Category 6 -

- 610 Pedestrian waiting to cross at/near curb
- 620 Pedestrian not in roadway

Category 7 -

- 710 Multiple threat-at intersection
- 720 Vehicle turn/merge
- 730 Intersection dash
- 740 Trapped
- 750 Pedestrian walks into vehicle, at intersection
- 760 Intersection, driver violation
- 790 Intersection, other

Category 8 -

- 810 Multiple threat - at midblock
- 821 Dart-out - first half
- 822 Dart-out - second half
- 829 Dart-out - can't specify
- 830 Midblock dash
- 840 Pedestrian walks into vehicle - midblock
- 890 Midblock - other

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

22May09 Prcnt Code Value and Description

Category 9 -

- 910 Other - weird
- 920 Inadequate information

Specific circumstances - Weird

- 36 Weird-the motorist or cyclist intentionally causes the crash, officer indicates no crash actually occurs, crash does not involve a cyclist, cyclist is struck by falling cargo

Specific circumstances - Children's vehicle

- 40 Is the pedalcyclist riding a children's vehicle? (big wheel, other tricycle, or bicycle with training wheels)

Specific circumstances - Backing motor vehicle

- 11 Does the crash involve a motor vehicle which is backing?

Specific circumstances - Not on a roadway

- 29 Does the crash occur in a parking lot, open area, or another nonroadway location?

Initial approach paths - parallel versus crossing

- 97 Unknown if approach paths are parallel or crossing

Parallel path category

- 98 Parallel path 7 - No way of knowing which parallel path 1-6 is true

Crossing path category

- 99 Crossing path 8 - No way of knowing which crossing path 1-7 is true

Parallel/Crossing path category crash type

Parallel path 1 (motorist turns or merges into the path of the cyclist)

- 35 Drive out - on street parking
- 22 Motorist left turn, in front of cyclist
- 23 Motorist left turn, facing cyclist
- 24 Motorist right turn, in front of cyclist

Parallel path 2 (cyclist turns or merges into the path of the motorist)

- 3 Ride out from sidewalk
- 18 Cyclist left turn, in front of traffic
- 19 Cyclist left turn, facing traffic
- 21 Cyclist right turn, from wrong side of street

Parallel path 3 (operator is on the wrong side of the street)

- 30 Head-on, counteractive evasive actions
- 28 Wrong way motorist

Variable 25:PED/CYCLIST CRASH TYPE (Continued)

22May09 Prcnt Code Value and Description

26 Wrong way cyclist

Parallel path 4 (motorist is overtaking the cyclist)

13 Motorist overtakes undetected cyclist

15 Motorist overtaking, counteractive evasive actions

16 Motorist overtaking, misjudges passing space

17 Motorist overtaking cyclist, path obstructed

39 Motorist overtaking

Parallel path 5 (cyclist is overtaking a motor vehicle)

27 Cyclist overtaking

41 Cyclist strikes parked vehicle

Parallel path 6 (operator loss control and inadvertently swerves into the path of the other vehicle because)

14 Motorist lost control

20 Cyclist lost control

Crossing path 1 (cyclist does not clear intersection before light turns green for cross traffic)

6 Trapped

7 Multiple threat

Crossing path 2 (motorist fails to yield to cyclist)

8 Drive out, driveway/alley

12 Drive through

9 Drive out, stop sign

10 Right on red

48 Drive out, intersection

Crossing path 3 (cyclist fails to yield to the motorist, midblock)

1 Ride out, residential driveway

2 Ride out, commercial driveway

4 Ride out, midblock

Crossing path 4 (cyclist fails to yield to the motorist, at an intersection)

5 Ride out, stop sign

49 Ride out, intersection

Crossing path 5 (motor is turning)

33 Motorist cuts corner

34 Motorist swings wide

Crossing path 6 (cyclist is turning)

31 Cyclist cuts corner

32 Cyclist swings wide

Crossing path 7 (crash occurs at an intersection)

55 Controlled intersection, other

25 Uncontrolled intersection, other

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

NHTSA SAS Variable - MAX_SEV

Maximum injury severity in crash

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------------|
| 23392 | 41.8 | 0 | No injury |
| 9250 | 16.5 | 1 | Possible injury |
| 12430 | 22.2 | 2 | Nonincapacitating |
| 8318 | 14.9 | 3 | Incapacitating |
| 1064 | 1.9 | 4 | Fatal |
| 370 | 0.7 | 5 | Unknown injury severity |
| 3 | 0.0 | 6 | Died prior |
| 25 | 0.0 | 8 | No person involved in the crash |
| 1094 | 2.0 | 9 | Unknown if injured |

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

NHTSA SAS Variable - NUM_INJ

Number known injured in crash

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 23395 | 41.8 | 0 | No person injured/property damage only crash |
| 21552 | 38.5 | 1 | - Actual number of people injured |
| 1 | 0.0 | 30 | |
| 25 | 0.0 | 98 | No person involved in the crash |
| 1094 | 2.0 | 99 | All persons in crash are unknown if injured |

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

NHTSA SAS Variable - ALCOHOL

Was alcohol usage involved in the crash?

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 4330 | 7.7 | 1 | Alcohol involved |
| 47733 | 85.3 | 2 | No alcohol involved |
| 39 | 0.1 | 8 | No applicable person involved in the crash |
| 3844 | 6.9 | 9 | Unknown |

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

NHTSA SAS Variable - ACCIDENT.PJ

Police Jurisdiction codes repeated in each PSU.

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

NHTSA SAS Variable - STRATUM

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 5905 | 10.6 | 1 | Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of a towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 6383 | 11.4 | 2 | Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C. |
| 9013 | 16.1 | 3 | Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B. |
| 13681 | 24.5 | 4 | Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash. |
| 8265 | 14.8 | 5 | Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 12699 | 22.7 | 6 | Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved. |

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

NHTSA SAS Variable - PSU

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

NHTSA SAS Variable - REGION

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 8384 | 15.0 | 1 | Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT) |
| 14326 | 25.6 | 2 | Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS) |
| 22377 | 40.0 | 3 | South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX) |
| 10859 | 19.4 | 4 | West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI) |

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

NHTSA SAS Variable - WEIGHT

| | | | |
|-------------|-----------|-----------|---------------|
| Variable 34 | WORK_ZONE | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - WRK_ZONE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 54751 | 97.9 | 3 | No |
| 442 | 0.8 | 4 | Yes, first harmful event in work or construction zone |
| 50 | 0.1 | 5 | Yes, first harmful event related to, but not in, work or construction zone |
| 430 | 0.8 | 6 | Yes, first harmful event is in or is related to a work or construction zone, but it is not known which |
| 273 | 0.5 | 9 | Unknown or no work or construction zone information |

Imputed ACCIDENT Variables

Variables 35 through 50 are imputed versions of previous variables found in the accident dataset.

| | | | |
|-------------|-------------------------|-----------|---------------|
| Variable 35 | IMP ALC INVOLVED IN ACC | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - ALCHL_I

Alcohol involved in crash

This variable was imputed by NHTSA

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|---------------------|
| 5670 | 10.1 | 1 | Alcohol involved |
| 50276 | 89.9 | 2 | No alcohol involved |

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

NHTSA SAS Variable - ALIGN_I

This variable was imputed by NHTSA

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|----------|
| 49027 | 87.6 | 1 | Straight |
| 6919 | 12.4 | 2 | Curve |

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

NHTSA SAS Variable - EVENT1_I

This variable was imputed by NHTSA

22May09 Prcnt Code Value and Description

| Noncollision | | | |
|---------------------------------|-----|----|--|
| 2563 | 4.6 | 1 | Rollover/overturn |
| 29 | 0.1 | 2 | Fire/explosion |
| 12 | 0.0 | 3 | Immersion |
| 0 | 0.0 | 4 | Gas inhalation |
| 89 | 0.2 | 5 | Jackknife |
| 106 | 0.2 | 6 | Noncollision injury (injured in or fell from vehicle) |
| 33 | 0.1 | 7 | Pavement surface irregularity (ruts, potholes, grates, etc.) |
| 129 | 0.2 | 8 | Other noncollision (excludes objects set in motion by an in-transport motor vehicle) |
| 4 | 0.0 | 9 | Noncollision - no details |
| 22 | 0.0 | 10 | Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle) |
| Collision with Object Not Fixed | | | |
| 1974 | 3.5 | 21 | Pedestrian |

Variable 37:IMP FIRST HARMFUL EVENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|-----------------------------|-------|------|---|
| 1573 | 2.8 | 22 | Cycle or cyclist (pedalcycle or pedalcyclist) |
| 29 | 0.1 | 23 | Railway train |
| 1398 | 2.5 | 24 | Animal |
| 34388 | 61.5 | 25 | Motor vehicle in transport |
| 1972 | 3.5 | 26 | Parked motor vehicle (or other mv not in transport) |
| 105 | 0.2 | 27 | Other type nonmotorist (includes motorized wheelchairs) |
| 336 | 0.6 | 28 | Other object not fixed |
| 7 | 0.0 | 29 | Object not fixed - no details |
| Collision with Fixed Object | | | |
| 19 | 0.0 | 31 | Ground |
| 116 | 0.2 | 32 | Building |
| 38 | 0.1 | 33 | Impact attenuator or crash cushion |
| 183 | 0.3 | 34 | Bridge structure (pier/abutment/parapet end/rail) |
| 1223 | 2.2 | 35 | Guardrail |
| 1046 | 1.9 | 36 | Concrete traffic barrier or other longitudinal barrier type |
| 2286 | 4.1 | 37 | Post, pole or support (sign post, utility post) |
| 1433 | 2.6 | 38 | Culvert or ditch |
| 875 | 1.6 | 39 | Curb |
| 558 | 1.0 | 40 | Embankment |
| 501 | 0.9 | 41 | Fence |
| 140 | 0.3 | 42 | Wall |
| 101 | 0.2 | 43 | Fire hydrant |
| 101 | 0.2 | 44 | Shrubbery or bush |
| 1750 | 3.1 | 45 | Tree |
| 89 | 0.2 | 46 | Boulder |
| 693 | 1.2 | 58 | Other fixed object |
| 25 | 0.0 | 59 | Fixed object - no details |

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

NHTSA SAS Variable - HOUR_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 1182 | 2.1 | 0 | 12:01 am - 12:59 am |
| 1126 | 2.0 | 1 | 1:00 am - 1:59 am |
| 1160 | 2.1 | 2 | 2:00 am - 2:59 am |
| 828 | 1.5 | 3 | 3:00 am - 3:59 am |
| 707 | 1.3 | 4 | 4:00 am - 4:59 am |
| 960 | 1.7 | 5 | 5:00 am - 5:59 am |
| 1675 | 3.0 | 6 | 6:00 am - 6:59 am |
| 2853 | 5.1 | 7 | 7:00 am - 7:59 am |
| 2918 | 5.2 | 8 | 8:00 am - 8:59 am |
| 2368 | 4.2 | 9 | 9:00 am - 9:59 am |
| 2344 | 4.2 | 10 | 10:00 am - 10:59 am |

Variable 38:IMP ACCIDENT TIME - HOUR (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 2553 | 4.6 | 11 | 11:00 am - 11:59 am |
| 3159 | 5.6 | 12 | 12:00 pm - 12:59 pm |
| 3176 | 5.7 | 13 | 1:00 pm - 1:59 pm |
| 3498 | 6.3 | 14 | 2:00 pm - 2:59 pm |
| 4182 | 7.5 | 15 | 3:00 pm - 3:59 pm |
| 4158 | 7.4 | 16 | 4:00 pm - 4:59 pm |
| 4357 | 7.8 | 17 | 5:00 pm - 5:59 pm |
| 3299 | 5.9 | 18 | 6:00 pm - 6:59 pm |
| 2386 | 4.3 | 19 | 7:00 pm - 7:59 pm |
| 2044 | 3.7 | 20 | 8:00 pm - 8:59 pm |
| 1987 | 3.6 | 21 | 9:00 pm - 9:59 pm |
| 1648 | 2.9 | 22 | 10:00 pm - 10:59 pm |
| 1335 | 2.4 | 23 | 11:00 pm - 11:59 pm |
| 43 | 0.1 | 24 | 12:00 Midnight |

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

NHTSA SAS Variable - LGTCON_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 37380 | 66.8 | 1 | Daylight |
| 6673 | 11.9 | 2 | Dark |
| 9925 | 17.7 | 3 | Dark, but lighted |
| 873 | 1.6 | 4 | Dawn |
| 1095 | 2.0 | 5 | Dusk |

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

NHTSA SAS Variable - MANCOL_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 21676 | 38.7 | 0 | Not collision with motor vehicle in transport |
| 13499 | 24.1 | 1 | Rear-end |
| 1939 | 3.5 | 2 | Head-on |
| 11 | 0.0 | 3 | Rear-to-rear |
| 14677 | 26.2 | 4 | Angle |
| 3578 | 6.4 | 5 | Sideswipe, same direction |
| 566 | 1.0 | 6 | Sideswipe, opposite direction |

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

NHTSA SAS Variable - MAXSEV_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------------|
| 24266 | 43.4 | 0 | No injury |
| 9372 | 16.8 | 1 | Possible injury |
| 12513 | 22.4 | 2 | Nonincapacitating |
| 8321 | 14.9 | 3 | Incapacitating |
| 1082 | 1.9 | 4 | Fatal |
| 364 | 0.7 | 5 | Injured, unknown severity |
| 3 | 0.0 | 6 | Died prior |
| 25 | 0.0 | 8 | No person involved in the crash |

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

NHTSA SAS Variable - MINUTE_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 3868 | 6.9 | 0 | - Minute |
| 539 | 1.0 | 59 | |

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

NHTSA SAS Variable - NO_INJ_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 24294 | 43.4 | 0 | No person injured/property damage only crash |
| 21600 | 38.6 | 1 | - Imputed number of people injured |
| 1 | 0.0 | 30 | |
| 1 | 0.0 | 39 | |

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

NHTSA SAS Variable - PROFIL_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 44262 | 79.1 | 1 | Level |
| 10512 | 18.8 | 2 | Grade |
| 1028 | 1.8 | 3 | Hillcrest |
| 144 | 0.3 | 8 | Sag |

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

NHTSA SAS Variable - RELJCT_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|----------------------|-------|------|-------------------------------|
| Non-Interchange Area | | | |
| 25789 | 46.1 | 0 | Non-junction |
| 12492 | 22.3 | 1 | Intersection |
| 9360 | 16.7 | 2 | Intersection related |
| 4205 | 7.5 | 3 | Driveway, alley access, etc. |
| 168 | 0.3 | 4 | Entrance/exit ramp |
| 87 | 0.2 | 5 | Rail grade crossing |
| 592 | 1.1 | 6 | On a bridge |
| 64 | 0.1 | 7 | Crossover related |
| 230 | 0.4 | 8 | Other, non-interchange |
| Interchange Area | | | |
| 327 | 0.6 | 10 | Non-junction |
| 164 | 0.3 | 11 | Intersection |
| 112 | 0.2 | 12 | Intersection related |
| 6 | 0.0 | 13 | Driveway, alley access, etc. |
| 2255 | 4.0 | 14 | Entrance/exit ramp |
| 37 | 0.1 | 16 | On a bridge |
| 7 | 0.0 | 17 | Crossover related |
| 50 | 0.1 | 18 | Other location in interchange |
| 1 | 0.0 | 19 | Unknown, interchange area |

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

NHTSA SAS Variable - SPDLIM_H

This variable was imputed by NHTSA

Variable 46: IMPUTED SPEED LIMIT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 902 | 1.6 | 0 | No statutory limit (parking lot, alley, etc.) |
| 32 | 0.1 | 5 | |
| | | - | Imputed speed limit |
| 275 | 0.5 | 75 | |

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

NHTSA SAS Variable - SURCON_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 43260 | 77.3 | 1 | Dry |
| 8834 | 15.8 | 2 | Wet |
| 1752 | 3.1 | 3 | Snow or slush |
| 1841 | 3.3 | 4 | Ice |
| 70 | 0.1 | 5 | Sand, dirt, oil |
| 189 | 0.3 | 8 | Other |

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

NHTSA SAS Variable - TRFCON_I

Traffic control device

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 33504 | 59.9 | 0 | No controls |
| | | | NOT AT RAILROAD GRADE CROSSING: |
| | | | Trafficway Traffic Signals |
| 11540 | 20.6 | 1 | Traffic control signal (on colors) |
| 230 | 0.4 | 4 | Flashing traffic control signal or flashing beacon |
| 30 | 0.1 | 8 | Other traffic signal |
| 10 | 0.0 | 9 | Unknown traffic signal |
| | | | Regulatory, School Zone Signs |
| 5554 | 9.9 | 21 | Stop sign |
| 611 | 1.1 | 22 | Yield sign |
| 15 | 0.0 | 23 | School zone related sign |
| 157 | 0.3 | 28 | Other sign |
| 18 | 0.0 | 29 | Unknown sign |

Variable 48:IMP TRAFFIC CONTROL DEV (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|--|-------|------|---|
| Warning Signs | | | |
| 878 | 1.6 | 40 | Advisory speed sign |
| 68 | 0.1 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |
| 79 | 0.1 | 42 | Warning sign for road construction |
| 4 | 0.0 | 43 | Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.) |
| 101 | 0.2 | 49 | Unknown type warning |
| Miscellaneous Not at Railroad Crossing | | | |
| 99 | 0.2 | 51 | Officer, crossing guard, flagman, etc. |
| AT RAILROAD GRADE CROSSING: | | | |
| 48 | 0.1 | 61 | Active devices (gates, flashing lights, traffic signal) |
| 13 | 0.0 | 62 | Passive device (stop sign, cross bucks) |
| OTHER: | | | |
| 164 | 0.3 | 97 | Traffic control present - no details |
| 2823 | 5.0 | 98 | Other traffic control (whether or not at RR grade crossing) |

| | | | |
|-------------|----------------------|-----------|---------------|
| Variable 49 | IMP ATMOSPHERIC COND | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - WEATHR_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 47443 | 84.8 | 1 | No adverse atmospheric related driving conditions |
| 5485 | 9.8 | 2 | Rain |
| 288 | 0.5 | 3 | Sleet |
| 1778 | 3.2 | 4 | Snow |
| 290 | 0.5 | 5 | Fog |
| 20 | 0.0 | 6 | Rain and fog |
| 5 | 0.0 | 7 | Sleet and fog |
| 637 | 1.1 | 8 | Other (smog, smoke, blowing sand/dust/snow, crosswind, hail) |

| | | | |
|-------------|--------------------------|-----------|---------------|
| Variable 50 | IMP ACCIDENT DAY OF WEEK | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - WKDY_I

This variable was imputed by NHTSA

Variable 50:IMP ACCIDENT DAY OF WEEK (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|------|------|---|-----------|
| 6145 | 11.0 | 1 | Sunday |
| 8026 | 14.3 | 2 | Monday |
| 8405 | 15.0 | 3 | Tuesday |
| 8422 | 15.1 | 4 | Wednesday |
| 8065 | 14.4 | 5 | Thursday |
| 9423 | 16.8 | 6 | Friday |
| 7460 | 13.3 | 7 | Saturday |

| | | | |
|-------------|-------------|-----------|---------------|
| Variable 51 | PSU STRATUM | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PSUSTRAT

The PSUs are grouped into 14 strata to reflect the first stage of the sample selection. This variable is used for calculating the variance of estimates.

22May09 Prcnt Code Value and Description

| | | | |
|------|-----|----|------------|
| 1979 | 3.5 | 1 | Stratum 1 |
| | | - | |
| 660 | 1.2 | 14 | Stratum 14 |

| | | | |
|-------------|--------------|-----------|---------------|
| Variable 52 | EMS ON SCENE | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - EMS

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|----------------------------|
| 12839 | 22.9 | 0 | No |
| 25729 | 46.0 | 1 | Yes |
| 15699 | 28.1 | 6 | Not coded on Police Report |
| 1644 | 2.9 | 7 | Not coded |
| 35 | 0.1 | 9 | Unknown |

| | | | |
|-------------|--------------------------|-----------|---------------|
| Variable 53 | NUMBER OF PARKED VEHICLE | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PVH_INVL

Number of Parked and/or working vehicles involved

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|----------------------------|
| 53476 | 95.6 | 0 | No parked/Working vehicles |
|-------|------|---|----------------------------|

Variable 53:NUMBER OF PARKED VEHICLE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|----------------------------|
| 2110 | 3.8 | 1 | One parked/Working vehicle |
| 263 | 0.5 | 2 | 2 parked/Working vehicles |
| 73 | 0.1 | 3 | 3 parked/Working vehicles |
| 24 | 0.0 | 4 | 4 parked/Working vehicles |

The Crash Event Variables

Variables 71 through 82 describe the first harmful event for this crash. This event may not include all vehicles in the crash. There may be many event records for a single crash, only the first is coded here.

| | | | |
|-------------|-------------|-----------|------------------|
| Variable 71 | CASE NUMBER | Width: 12 | Type: Alphabetic |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - CASENUM

| | | | |
|-------------|-----------------------|-----------|---------------|
| Variable 72 | EVENT SEQUENCE NUMBER | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - EVENTNUM

Chronological sequence of harmful events in the accident

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 55946 | 100.0 | 1 | 1st event |

| | | | |
|-------------|----------------|-----------|---------------|
| Variable 73 | VEHICLE NUMBER | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VEHNUM

Number of the "lower numbered" in-transport motor vehicle in the first crash event.

This variable is the same as VEHNO in the vehicle data set.
Assigned the PAR's vehicle number unless a number is skipped.

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 55192 | 98.7 | 1 | Vehicle #1 |
| 644 | 1.2 | 2 | Vehicle #2 |
| 92 | 0.2 | 3 | Vehicle #3 |
| 17 | 0.0 | 4 | Vehicle #4 |
| 1 | 0.0 | 5 | Vehicle #5 |

| | | | |
|-------------|---------------------------------|-----------|---------------|
| Variable 74 | <u>GEN AREA DAMAGE-THIS VEH</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - GAD

General area of damage - this vehicle

Indicates the impact point that produced property damage or personal injury for this transport motor vehicle involved in the event

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------|
| | | 0 | Noncollision |
| 2981 | 5.3 | | |
| 30159 | 53.9 | 1 | Front |
| 8270 | 14.8 | 2 | Right side |
| 7320 | 13.1 | 3 | Left side |
| 4494 | 8.0 | 4 | Back |
| 68 | 0.1 | 5 | Top |
| 344 | 0.6 | 6 | Undercarriage |
| 431 | 0.8 | 11 | Front right corner |
| 359 | 0.6 | 12 | Front left corner |
| 27 | 0.0 | 13 | Back right corner |
| 31 | 0.1 | 14 | Back left corner |
| 133 | 0.2 | 15 | Object Set in Motion |
| 1329 | 2.4 | 99 | Point of impact unknown |

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

NHTSA SAS Variable - OBJCONT

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

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| Collision with Motor Vehicle in Transport | | | |
| 48 | 0.1 | 1 | Vehicle #1 |
| 33499 | 59.9 | 2 | Vehicle #2 |
| 709 | 1.3 | 3 | Vehicle #3 |
| 106 | 0.2 | 4 | Vehicle #4 |
| 22 | 0.0 | 5 | Vehicle #5 |
| 3 | 0.0 | 6 | Vehicle #6 |
| 1 | 0.0 | 11 | Vehicle #11 |
| Non-collision | | | |
| 2559 | 4.6 | 101 | Rollover/overturn |
| 29 | 0.1 | 102 | Fire/explosion |
| 11 | 0.0 | 103 | Immersion |
| 0 | 0.0 | 104 | Gas inhalation |
| 89 | 0.2 | 105 | Jackknife |

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

| 22May09 | Prcnt | Code | Value and Description |
|---------------------------------|-------|------|--|
| 106 | 0.2 | 106 | Noncollision injury (injured in or fell from vehicle) |
| 33 | 0.1 | 107 | Pavement surface irregularity (ruts, potholes, grates, etc.) |
| 129 | 0.2 | 108 | Other noncollision (excludes objects set in motion by an in-transport motor vehicle) |
| 4 | 0.0 | 109 | Noncollision - no details |
| 21 | 0.0 | 110 | Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle) |
| Collision with Object Not Fixed | | | |
| 1974 | 3.5 | 121 | Pedestrian |
| 1573 | 2.8 | 122 | Cycle or cyclist (pedalcycle or pedalcyclist) |
| 25 | 0.0 | 123 | Railway train |
| 1390 | 2.5 | 124 | Animal |
| 1968 | 3.5 | 126 | Parked motor vehicle (or other MV not in transport) |
| 105 | 0.2 | 127 | Other type nonmotorist |
| 326 | 0.6 | 128 | Other object not fixed |
| 7 | 0.0 | 129 | Object not fixed - no details |
| Collision with Fixed Object | | | |
| 19 | 0.0 | 131 | Ground |
| 116 | 0.2 | 132 | Building |
| 38 | 0.1 | 133 | Impact attenuator or crash cushion |
| 183 | 0.3 | 134 | Bridge structure (bridge pier/abutment/parapet end/rail) |
| 1219 | 2.2 | 135 | Guardrail |
| 1044 | 1.9 | 136 | Concrete traffic barrier or other longitudinal barrier type |
| 2279 | 4.1 | 137 | Sign post, utility pole or other support |
| 1429 | 2.6 | 138 | Culvert or ditch |
| 872 | 1.6 | 139 | Curb |
| 557 | 1.0 | 140 | Embankment |
| 499 | 0.9 | 141 | Fence |
| 139 | 0.2 | 142 | Wall |
| 101 | 0.2 | 143 | Fire hydrant |
| 101 | 0.2 | 144 | Shrubbery or bush |
| 1746 | 3.1 | 145 | Tree |
| 89 | 0.2 | 146 | Boulder |
| 693 | 1.2 | 158 | Other fixed object |
| 22 | 0.0 | 159 | Fixed object - no details |
| Unknown | | | |
| 63 | 0.1 | 999 | Unknown |

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

NHTSA SAS Variable - OBJGAD

General area of damage - other vehicle

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|----------------------------------|
| 12469 | 22.3 | 1 | Front |
| 5237 | 9.4 | 2 | Right side |
| 6228 | 11.1 | 3 | Left side |
| 9929 | 17.7 | 4 | Back |
| 6 | 0.0 | 5 | Top |
| 20 | 0.0 | 6 | Undercarriage |
| 99 | 0.2 | 11 | Front right corner |
| 175 | 0.3 | 12 | Front left corner |
| 30 | 0.1 | 13 | Back right corner |
| 24 | 0.0 | 14 | Back left corner |
| 21558 | 38.5 | 98 | Not a motor vehicle in transport |
| 171 | 0.3 | 99 | Point of Impact Unknown |

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

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

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

NHTSA SAS Variable - STRATUM

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 5905 | 10.6 | 1 | Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 6383 | 11.4 | 2 | Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C. |

Variable 78:STRATUM (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 9013 | 16.1 | 3 | Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B. |
| 13681 | 24.5 | 4 | Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash. |
| 8265 | 14.8 | 5 | Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 12699 | 22.7 | 6 | Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved. |

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

NHTSA SAS Variable - PSU

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

NHTSA SAS Variable - REGION

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 8384 | 15.0 | 1 | Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT) |
| 14326 | 25.6 | 2 | Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS) |
| 22377 | 40.0 | 3 | South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX) |
| 10859 | 19.4 | 4 | West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI) |

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

NHTSA SAS Variable - E_ACTION

Vehicle action of vehicle number on Variable 73

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| | 2981 | 5.3 | 1 Noncollision |
| | 7368 | 13.2 | 2 Collision with object not fixed |
| | 11209 | 20.0 | 3 Collision with fixed object |
| | 22749 | 40.7 | 4 Strike another in-transport motor vehicle |
| | 11639 | 20.8 | 5 Struck by an in-transport motor vehicle |

| Variable 82 | WEIGHT | Width: 7 | Type: Numeric |
|-------------|--------|----------|---------------|
| | | Dec: 2 | Miss: None |

NHTSA SAS Variable - WEIGHT

The VEHICLE/DRIVER Variables

Variables 101 through 189 describe the vehicle and its driver.
The Vehicle/Driver data set contains these variables, along with
the Accident variables on a vehicle level.

| | | | |
|--------------|-------------|-----------|------------------|
| Variable 101 | CASE NUMBER | Width: 12 | Type: Alphabetic |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - CASENUM

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

NHTSA SAS Variable - VEHNO

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 55946 | 57.9 | 1 | Vehicle #1 |
| 35117 | 36.4 | 2 | Vehicle #2 |
| 4376 | 4.5 | 3 | Vehicle #3 |
| 845 | 0.9 | 4 | Vehicle #4 |
| 182 | 0.2 | 5 | Vehicle #5 |
| 41 | 0.0 | 6 | Vehicle #6 |
| 18 | 0.0 | 7 | Vehicle #7 |
| 9 | 0.0 | 8 | Vehicle #8 |
| 4 | 0.0 | 9 | Vehicle #9 |
| 4 | 0.0 | 10 | Vehicle #10 |
| | | - | |
| 1 | 0.0 | 13 | Vehicle #13 |

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

NHTSA SAS Variable - DR_PRES

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 265 | 0.3 | 0 | Unattended vehicle (driverless, or no driver involved) |
| 90917 | 94.2 | 1 | Driver operated vehicle |
| 5358 | 5.5 | 2 | Hit-and-run (vehicle and/or driver left scene) |
| 6 | 0.0 | 9 | Unknown driver presence |

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

NHTSA SAS Variable - HIT_RUN

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 91179 | 94.4 | 0 | No, did not leave scene |
| 5358 | 5.5 | 1 | Yes, driver or car and driver left scene |
| 9 | 0.0 | 9 | Unknown |

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

NHTSA SAS Variable - MAKE

| 22May09 | Prcnt | Code | Value and Description |
|----------------------------|-------|------|-----------------------------|
| Passenger Vehicles (01-69) | | | |
| 4 | 0.0 | 1 | American Motors |
| 2564 | 2.7 | 2 | Jeep (includes Kaiser-Jeep) |
| 85 | 0.1 | 3 | AM General |
| 2160 | 2.2 | 6 | Chrysler |
| 5610 | 5.8 | 7 | Dodge |
| 0 | 0.0 | 8 | Imperial |
| 534 | 0.6 | 9 | Plymouth |
| 43 | 0.0 | 10 | Eagle |
| 15184 | 15.7 | 12 | Ford |
| 853 | 0.9 | 13 | Lincoln |
| 1535 | 1.6 | 14 | Mercury |
| 1885 | 2.0 | 18 | Buick |
| 1075 | 1.1 | 19 | Cadillac |
| 12645 | 13.1 | 20 | Chevrolet |
| 1213 | 1.3 | 21 | Oldsmobile |
| 2841 | 2.9 | 22 | Pontiac |
| 2262 | 2.3 | 23 | GMC |
| 1331 | 1.4 | 24 | Saturn |
| 11 | 0.0 | 25 | Grumman |
| 3 | 0.0 | 29 | Other domestic |
| 1045 | 1.1 | 30 | Volkswagen |
| 2 | 0.0 | 31 | Alfa Romeo |
| 288 | 0.3 | 32 | Audi |
| 0 | 0.0 | 33 | Austin/Austin Healey |
| 870 | 0.9 | 34 | BMW |
| 4642 | 4.8 | 35 | Nissan/Datsun |
| 6 | 0.0 | 36 | Fiat |
| 7177 | 7.4 | 37 | Honda |
| 471 | 0.5 | 38 | Isuzu |
| 149 | 0.2 | 39 | Jaguar |
| 0 | 0.0 | 40 | Lancia |
| 1420 | 1.5 | 41 | Mazda |
| 805 | 0.8 | 42 | Mercedes Benz |
| 2 | 0.0 | 43 | MG |
| 0 | 0.0 | 44 | Peugeot |

Variable 105:MAKE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 49 | 0.1 | 45 | Porsche |
| 0 | 0.0 | 46 | Renault/AMC |
| 153 | 0.2 | 47 | Saab |
| 684 | 0.7 | 48 | Subaru |
| 8349 | 8.6 | 49 | Toyota |
| 22 | 0.0 | 50 | Triumph |
| 1025 | 1.1 | 51 | Volvo |
| 1355 | 1.4 | 52 | Mitsubishi |
| 804 | 0.8 | 53 | Suzuki |
| 844 | 0.9 | 54 | Acura |
| 1610 | 1.7 | 55 | Hyundai |
| 1 | 0.0 | 56 | Merkur |
| 1 | 0.0 | 57 | Yugo |
| 468 | 0.5 | 58 | Infiniti |
| 905 | 0.9 | 59 | Lexus |
| 0 | 0.0 | 60 | Daihatsu |
| 1 | 0.0 | 61 | Sterling |
| 132 | 0.1 | 62 | Land Rover |
| 895 | 0.9 | 63 | KIA |
| 42 | 0.0 | 64 | Daewoo |
| 3 | 0.0 | 65 | Smart |
| 83 | 0.1 | 69 | Other foreign |
| | | | Motorcycles (70-79) |
| 0 | 0.0 | 70 | BSA |
| 25 | 0.0 | 71 | Ducati |
| 805 | 0.8 | 72 | Harley-Davidson |
| 333 | 0.3 | 73 | Kawasaki |
| 1 | 0.0 | 74 | Moto-Guzzi |
| 0 | 0.0 | 75 | Norton |
| 406 | 0.4 | 76 | Yamaha |
| 75 | 0.1 | 78 | Moped (other than above listed manufacturers) |
| 243 | 0.3 | 79 | Other motorcycle |
| | | | Trucks and Buses (80-98) |
| 0 | 0.0 | 80 | Brockway |
| 0 | 0.0 | 81 | Diamond Reo, Reo |
| 1884 | 2.0 | 82 | Freightliner, White |
| 0 | 0.0 | 83 | FWD |
| 1450 | 1.5 | 84 | International Harvester/Navistar |
| 701 | 0.7 | 85 | Kenworth |
| 578 | 0.6 | 86 | Mack |
| 771 | 0.8 | 87 | Peterbilt |
| 0 | 0.0 | 88 | Iveco/Magirus |
| 750 | 0.8 | 98 | Other (truck or bus) |
| 2383 | 2.5 | 99 | Unknown make/manufacturer |

| Variable 106 | MAKE/MODEL | Width: 5 | Type: Numeric |
|--------------|------------|-----------|---------------|
| | | Dec: None | Miss: 99999 |

NHTSA SAS Variable - MODEL

22May09 Prcnt Code Value and Description

| 22May09 Prcnt | Code | Value and Description |
|-----------------------------|------|---|
| AMC/American Motors | | |
| 0 | 0.0 | 1001 Rambler/American |
| 0 | 0.0 | 1002 Rebel/Matador |
| 0 | 0.0 | 1003 Ambassador |
| 0 | 0.0 | 1004 Pacer |
| 0 | 0.0 | 1005 AMX |
| 0 | 0.0 | 1006 Javelin |
| 0 | 0.0 | 1007 Hornet/Concord |
| 0 | 0.0 | 1008 Spirit/Gremlin |
| 1 | 0.0 | 1009 Eagle |
| 0 | 0.0 | 1010 Eagle SX-4 |
| 0 | 0.0 | 1398 Other automobile |
| 3 | 0.0 | 1399 Unknown automobile |
| 0 | 0.0 | 1999 Unknown vehicle |
| Jeep (includes Kaiser-Jeep) | | |
| 23 | 0.0 | 2001 Compass |
| 22 | 0.0 | 2399 Unknown Automobile |
| 35 | 0.0 | 2401 CJ-2/CJ-3/CJ-4 |
| 27 | 0.0 | 2402 CJ-5/CJ-6/CJ-7/CJ-8 |
| 233 | 0.2 | 2403 YJ Series (Wrangler) |
| 1488 | 1.5 | 2404 Cherokee (84 on) |
| 355 | 0.4 | 2405 Liberty |
| 70 | 0.1 | 2406 Commander |
| 26 | 0.0 | 2407 Patriot |
| 2 | 0.0 | 2421 Cherokee (63-83) |
| 2 | 0.0 | 2431 Grand Wagoneer |
| 0 | 0.0 | 2481 Pickup |
| 5 | 0.0 | 2482 Comanche |
| 2 | 0.0 | 2498 Other light truck |
| 167 | 0.2 | 2499 Unknown light truck |
| 107 | 0.1 | 2999 Unknown vehicle |
| AM General | | |
| 0 | 0.0 | 3401 Dispatcher Post Office (Jeep) |
| 41 | 0.0 | 3402 Hummer H3 |
| 35 | 0.0 | 3421 Hummer |
| 0 | 0.0 | 3466 Dispatcher DJ series Post Office van |
| 0 | 0.0 | 3498 Other Light Truck |
| 2 | 0.0 | 3499 Unknown Light Truck |
| 0 | 0.0 | 3884 Medium/Heavy Truck |
| 0 | 0.0 | 3898 Other Medium/Heavy Truck |
| 0 | 0.0 | 3899 Unknown Medium/Heavy Truck |
| 0 | 0.0 | 3983 Bus rear engine/flat front transit |
| 1 | 0.0 | 3988 Other Bus |
| 1 | 0.0 | 3989 Unknown bus type |
| 5 | 0.0 | 3999 Unknown vehicle |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Chrysler |
| 0 | 0.0 | 6009 | Cordoba |
| 7 | 0.0 | 6010 | Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81) |
| 0 | 0.0 | 6013 | Rampage 2.2 (car based pickup) |
| 41 | 0.0 | 6014 | New Yorker (83-90)/E-Class/Imperial (90-93)/Fifth Avenue/Newport |
| 0 | 0.0 | 6015 | Laser |
| 39 | 0.0 | 6016 | LeBaron |
| 0 | 0.0 | 6017 | LeBaron GTS/GTC |
| 2 | 0.0 | 6018 | Intrepid (Canadian made) RWD only |
| 0 | 0.0 | 6019 | Neon (export) |
| 0 | 0.0 | 6031 | TC Maserati sport |
| 1 | 0.0 | 6035 | Conquest |
| 126 | 0.1 | 6041 | Concorde |
| 61 | 0.1 | 6042 | LHS new yorker 1994 on |
| 397 | 0.4 | 6043 | Sebring |
| 72 | 0.1 | 6044 | Cirrus |
| 281 | 0.3 | 6051 | 300M |
| 371 | 0.4 | 6052 | PT Cruiser |
| 0 | 0.0 | 6053 | Prowler 2001-2002 |
| 102 | 0.1 | 6054 | Pacifica |
| 15 | 0.0 | 6055 | Crossfire |
| 0 | 0.0 | 6398 | Other automobile |
| 134 | 0.1 | 6399 | Unknown automobile |
| 11 | 0.0 | 6421 | Aspen |
| 397 | 0.4 | 6441 | Town & country (Minivan) |
| 45 | 0.0 | 6442 | Voyager |
| 0 | 0.0 | 6498 | Other light truck |
| 22 | 0.0 | 6499 | Unknown light truck |
| 0 | 0.0 | 6998 | Other vehicle |
| 36 | 0.0 | 6999 | Unknown vehicle |
| | | | Dodge |
| 2 | 0.0 | 7001 | Dart |
| 0 | 0.0 | 7002 | Coronet/Magnum/Charger (thru 79) |
| 0 | 0.0 | 7003 | Polara/Monaco/Royal Monaco |
| 4 | 0.0 | 7004 | Viper; RT/10, GTS |
| 2 | 0.0 | 7005 | Challenger; R/T, T/A, Rallye |
| 1 | 0.0 | 7006 | Aspen; Custom, Special Edition, Police, R/T, Sport |
| 5 | 0.0 | 7007 | Diplomat; Medallion, Salon, S |
| 2 | 0.0 | 7008 | Omni/Charger |
| 0 | 0.0 | 7009 | Mirada 1980-1983 |
| 0 | 0.0 | 7010 | St. Regis; police, taxi |
| 7 | 0.0 | 7011 | Aries (K); Custom, SE, LE |
| 0 | 0.0 | 7012 | 400 LS (1982-1983) |
| 0 | 0.0 | 7013 | Rampage (car-based pickup); 2.2, GT, Sport |
| 4 | 0.0 | 7014 | 600 ES, Turbo (1983-1988) |
| 2 | 0.0 | 7015 | Daytona (1984-1994) |
| 0 | 0.0 | 7016 | Lancer; Pacifica, Turbo, ES, Shelby (1985-1989) |
| 22 | 0.0 | 7017 | Shadow; ES, Turbo (1987-1998) |
| 29 | 0.0 | 7018 | Dynasty (1988-1998) |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| | 23 | 0.0 | 7019 Spirit; ES, Shelby, R/T (1989-1994) |
| | 505 | 0.5 | 7020 Neon Expresso (1994-1998) |
| | 68 | 0.1 | 7021 Magnum (Note: 07002 is Magnum prior to 1979) |
| | 178 | 0.2 | 7024 Charger (2006+) |
| | 85 | 0.1 | 7025 Caliber |
| | 38 | 0.0 | 7026 Avenger |
| | 3 | 0.0 | 7027 Journey |
| | 2 | 0.0 | 7028 Challenger (2008-on) |
| | 0 | 0.0 | 7033 Challenger (import) |
| | 2 | 0.0 | 7034 Colt (excludes Vista) |
| | 0 | 0.0 | 7035 Conquest; Turbo (1984-1986) |
| | 10 | 0.0 | 7039 Stealth (1991-1998) |
| | 0 | 0.0 | 7040 Monaco (1990-1992) |
| | 329 | 0.3 | 7041 Intrepid (1993-1998) |
| | 46 | 0.0 | 7042 Avenger (1995-1998) |
| | 429 | 0.4 | 7043 Stratus (1995-1998) |
| | 1 | 0.0 | 7398 Other Automobile |
| | 188 | 0.2 | 7399 Unknown Automobile |
| | 2 | 0.0 | 7401 Raider Sport (1986-1998) |
| | 42 | 0.0 | 7403 Nitro |
| | 6 | 0.0 | 7421 Ramchager (through 1998) |
| | 422 | 0.4 | 7422 Durango (1998-2000) |
| | 0 | 0.0 | 7441 Vista 4x4 (1984-1991) |
| | 926 | 1.0 | 7442 Caravan; mini-ram, SE, ES (1984-1998) |
| | 140 | 0.1 | 7461 B-series Van; sportsman, royal, maxiwagon, ram B150-B350, tradesman |
| | 19 | 0.0 | 7462 Sprinter |
| | 1 | 0.0 | 7470 Van Derivative; Kary Van |
| | 2 | 0.0 | 7471 D50,Colt Pickup,Ram 50/Ram 100 |
| | 461 | 0.5 | 7472 Dakota; WB=112"/124" |
| | 45 | 0.0 | 7481 D,W-series Pickup; ram, custom, royal, miser D100-D350, W100-W350 |
| | 1265 | 1.3 | 7482 Ram 1500/2500/3500 pickup |
| | 6 | 0.0 | 7498 Other light truck |
| | 198 | 0.2 | 7499 Unknown light truck |
| | 0 | 0.0 | 7881 Medium/heavy CBE |
| | 0 | 0.0 | 7882 Medium/heavy COE low entry |
| | 0 | 0.0 | 7883 Medium/heavy COE high entry |
| | 1 | 0.0 | 7884 Medium/heavy unknown engine location |
| | 0 | 0.0 | 7890 Medium/heavy COE unknown entry position |
| | 0 | 0.0 | 7898 Other medium/heavy truck |
| | 1 | 0.0 | 7899 Unknown type truck |
| | 0 | 0.0 | 7981 Medium bus (not van-based) |
| | 0 | 0.0 | 7988 Other bus |
| | 1 | 0.0 | 7989 Unknown bus type |
| | 0 | 0.0 | 7998 Other vehicle |
| | 85 | 0.1 | 7999 Unknown vehicle |
| | | | Imperial |
| | 0 | 0.0 | 8010 Imperial; LeBaron (-76), Mark Cross, Frank Sinatra editions (1981-1983) |
| | 0 | 0.0 | 8398 Other automobile |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|----------|-------|-------|-------------------------------|
| 0 | 0.0 | 8399 | Unknown Automobile |
| 0 | 0.0 | 8999 | Unknown vehicle |
| Plymouth | | | |
| 2 | 0.0 | 9001 | Valiant/Scamp/Duster(thru 76) |
| 0 | 0.0 | 9002 | Satellite/Belvedere |
| 0 | 0.0 | 9003 | Fury |
| 1 | 0.0 | 9004 | Gran Fury |
| 2 | 0.0 | 9005 | Barracuda |
| 0 | 0.0 | 9006 | Volare' |
| 1 | 0.0 | 9007 | Caravelle |
| 2 | 0.0 | 9008 | Horizon |
| 4 | 0.0 | 9011 | Reliant (K) |
| 0 | 0.0 | 9013 | Scamp-car based pickup |
| 18 | 0.0 | 9017 | Sundance |
| 35 | 0.0 | 9019 | Acclaim |
| 122 | 0.1 | 9020 | Neon |
| 0 | 0.0 | 9031 | Cricket |
| 0 | 0.0 | 9032 | Arrow |
| 1 | 0.0 | 9033 | Sapporo import |
| 0 | 0.0 | 9034 | Champ/Colt (excludes Vista) |
| 0 | 0.0 | 9035 | Conquest |
| 0 | 0.0 | 9037 | Laser |
| 61 | 0.1 | 9038 | Breeze |
| 0 | 0.0 | 9039 | Prowler |
| 0 | 0.0 | 9398 | Other Automobile |
| 36 | 0.0 | 9399 | Unk Automobile |
| 0 | 0.0 | 9421 | Trailduster |
| 2 | 0.0 | 9441 | Colt Vista 4x4 |
| 225 | 0.2 | 9442 | Voyager (minivan) |
| 0 | 0.0 | 9461 | Van full size B-series |
| 0 | 0.0 | 9471 | Arrow Pickup (foreign) |
| 0 | 0.0 | 9498 | Other light truck |
| 10 | 0.0 | 9499 | Unknown light truck |
| 12 | 0.0 | 9999 | Unknown vehicle |
| Eagle | | | |
| 1 | 0.0 | 10034 | Summit |
| 24 | 0.0 | 10037 | Talon |
| 1 | 0.0 | 10040 | Premier |
| 14 | 0.0 | 10041 | Vision |
| 0 | 0.0 | 10044 | Medallion |
| 0 | 0.0 | 10398 | Other Automobile |
| 3 | 0.0 | 10399 | Unknown Automobile |
| 0 | 0.0 | 10441 | Summit Wagon |
| 0 | 0.0 | 10498 | Other light truck |
| 0 | 0.0 | 10499 | Unknown light truck |
| 0 | 0.0 | 10999 | Unknown vehicle |
| Ford | | | |
| 1 | 0.0 | 12001 | Falcon |
| 0 | 0.0 | 12002 | Fairlane |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|------------------------------------|
| 870 | 0.9 | 12003 | Mustang/Mustang II |
| 139 | 0.1 | 12004 | Thunderbird |
| 1 | 0.0 | 12005 | LTD II |
| 5 | 0.0 | 12006 | LTD/Galaxy/Custom |
| 3 | 0.0 | 12007 | Ranchero |
| 3 | 0.0 | 12008 | Maverick |
| 1 | 0.0 | 12009 | Pinto |
| 2 | 0.0 | 12010 | Torino/Gran Torino/Elite |
| 1 | 0.0 | 12011 | Granada |
| 0 | 0.0 | 12012 | Fairmont |
| 602 | 0.6 | 12013 | Escort/EXP |
| 61 | 0.1 | 12015 | Tempo |
| 741 | 0.8 | 12016 | Crown Victoria |
| 1398 | 1.4 | 12017 | Taurus |
| 42 | 0.0 | 12018 | Probe |
| 77 | 0.1 | 12021 | Five Hundred |
| 41 | 0.0 | 12022 | Freestyle |
| 203 | 0.2 | 12023 | Fusion |
| 78 | 0.1 | 12024 | Edge |
| 1 | 0.0 | 12031 | English Ford |
| 0 | 0.0 | 12032 | Fiesta |
| 6 | 0.0 | 12033 | Festiva |
| 0 | 0.0 | 12034 | Laser |
| 212 | 0.2 | 12035 | Contour |
| 14 | 0.0 | 12036 | Aspire |
| 841 | 0.9 | 12037 | Focus |
| 0 | 0.0 | 12038 | GT |
| 4 | 0.0 | 12398 | Other Automobile |
| 489 | 0.5 | 12399 | Unknown Automobile |
| 1704 | 1.8 | 12401 | Bronco II/Bronco(thru 77)/Explorer |
| 453 | 0.5 | 12402 | Escape |
| 38 | 0.0 | 12421 | Bronco-fullsize (78 on) |
| 615 | 0.6 | 12422 | Expedition |
| 51 | 0.1 | 12431 | Excursion |
| 105 | 0.1 | 12441 | Aerostar |
| 395 | 0.4 | 12442 | Windstar |
| 77 | 0.1 | 12443 | Freestar |
| 622 | 0.6 | 12461 | E-series Van |
| 0 | 0.0 | 12470 | Van derivative |
| 1014 | 1.1 | 12471 | Ranger |
| 0 | 0.0 | 12472 | Courier |
| 43 | 0.0 | 12473 | Sport Trac |
| 2953 | 3.1 | 12481 | F-series Pickup |
| 52 | 0.1 | 12498 | Other lt truck |
| 374 | 0.4 | 12499 | Unknown lt truck |
| 189 | 0.2 | 12880 | F450/550 Pickup > 4536 GVWR |
| 160 | 0.2 | 12881 | Med/Hvy CBE |
| 13 | 0.0 | 12882 | Med/Hvy COE low entry |
| 6 | 0.0 | 12883 | Med/Hvy COE high entry |
| 126 | 0.1 | 12884 | Med/Hvy unknown engine location |
| 8 | 0.0 | 12890 | Med/Hvy COE unknown entry position |
| 14 | 0.0 | 12898 | Other Med/Hvy truck |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|-----------------------|
| 40 | 0.0 | 12899 | Unknown Med/Hvy truck |
| 11 | 0.0 | 12981 | Medium Bus |
| 14 | 0.0 | 12988 | Other Bus |
| 6 | 0.0 | 12989 | Unknown bus type |
| 1 | 0.0 | 12998 | Other Vehicle |
| 264 | 0.3 | 12999 | Unknown vehicle |
| Lincoln | | | |
| 400 | 0.4 | 13001 | Town Car/Continental |
| 33 | 0.0 | 13002 | Mark I - VIII |
| 59 | 0.1 | 13005 | Continental (82 on) |
| 0 | 0.0 | 13011 | Versailles |
| 88 | 0.1 | 13012 | LS |
| 26 | 0.0 | 13013 | Zephyr |
| 10 | 0.0 | 13014 | MKX |
| 7 | 0.0 | 13015 | MKS |
| 1 | 0.0 | 13398 | Other Auto |
| 82 | 0.1 | 13399 | Unknown Auto |
| 19 | 0.0 | 13401 | Aviator |
| 104 | 0.1 | 13421 | Navigator |
| 1 | 0.0 | 13481 | Blackwood |
| 13 | 0.0 | 13482 | Mark LT |
| 2 | 0.0 | 13499 | Unknown light truck |
| 8 | 0.0 | 13999 | Unknown vehicle |
| Mercury | | | |
| 0 | 0.0 | 14002 | Cyclone |
| 4 | 0.0 | 14003 | Capri-domestic |
| 43 | 0.0 | 14004 | Cougar/XR7 |
| 419 | 0.4 | 14006 | Marquis/Monterey |
| 0 | 0.0 | 14008 | Comet |
| 1 | 0.0 | 14009 | Bobcat |
| 5 | 0.0 | 14010 | Montego (pre 2005) |
| 0 | 0.0 | 14011 | Monarch |
| 1 | 0.0 | 14012 | Zephyr |
| 0 | 0.0 | 14013 | Lynx/LN7 (82-83) |
| 28 | 0.0 | 14015 | Topaz |
| 364 | 0.4 | 14017 | Sable |
| 6 | 0.0 | 14020 | Montego (2005+) |
| 24 | 0.0 | 14021 | Milan |
| 2 | 0.0 | 14031 | Capri-foreign |
| 0 | 0.0 | 14033 | Pantera |
| 49 | 0.1 | 14036 | Tracer |
| 61 | 0.1 | 14037 | Mystique |
| 98 | 0.1 | 14038 | Cougar (99-on) |
| 8 | 0.0 | 14039 | Marauder |
| 0 | 0.0 | 14398 | Other Auto |
| 94 | 0.1 | 14399 | Unknown Auto |
| 157 | 0.2 | 14401 | Mountaineer |
| 49 | 0.1 | 14402 | Mariner |
| 97 | 0.1 | 14443 | Villager |
| 6 | 0.0 | 14444 | Monterey |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|---|
| 3 | 0.0 | 14499 | Unknown lt truck |
| 16 | 0.0 | 14999 | Unknown vehicle |
| | | | Buick |
| 3 | 0.0 | 18001 | Special/Skylark (thru 1972) |
| 506 | 0.5 | 18002 | LeSabre/Wildcat/Centurion |
| 188 | 0.2 | 18003 | Electra/Electra 225/Park Avenue (91 on) |
| 27 | 0.0 | 18004 | Roadmaster |
| 33 | 0.0 | 18005 | Riviera |
| 433 | 0.4 | 18007 | Century |
| 2 | 0.0 | 18008 | Apollo/Skylark (73-76) |
| 69 | 0.1 | 18010 | Regal |
| 2 | 0.0 | 18012 | Skyhawk |
| 1 | 0.0 | 18015 | Skylark (76-85) |
| 52 | 0.1 | 18018 | Somerset (85-87) / Skylark (86 on) |
| 152 | 0.2 | 18020 | Regal FWD |
| 2 | 0.0 | 18021 | Reatta |
| 87 | 0.1 | 18022 | Lacrosse |
| 48 | 0.0 | 18023 | Lucerne |
| 15 | 0.0 | 18024 | Enclave |
| 0 | 0.0 | 18031 | Opel Kadett |
| 0 | 0.0 | 18032 | Opel Manta |
| 0 | 0.0 | 18033 | Opel GT |
| 0 | 0.0 | 18034 | Opel Isuzu |
| 1 | 0.0 | 18398 | Other Auto |
| 143 | 0.1 | 18399 | Unknown Auto |
| 95 | 0.1 | 18401 | Rendezvous |
| 14 | 0.0 | 18402 | Rainier |
| 8 | 0.0 | 18441 | Terraza |
| 0 | 0.0 | 18499 | Unknown light truck |
| 4 | 0.0 | 18999 | Unknown vehicle |
| | | | Cadillac |
| 431 | 0.4 | 19003 | Deville/Fleetwood (except Limousine) |
| 0 | 0.0 | 19004 | Limousine |
| 46 | 0.0 | 19005 | Eldorado |
| 0 | 0.0 | 19006 | Commercial Series |
| 1 | 0.0 | 19009 | Allante' |
| 100 | 0.1 | 19014 | Seville |
| 2 | 0.0 | 19016 | Cimarron |
| 24 | 0.0 | 19017 | Catera (RWD) |
| 147 | 0.2 | 19018 | CTS |
| 2 | 0.0 | 19019 | XLR |
| 34 | 0.0 | 19020 | SRX |
| 30 | 0.0 | 19021 | STS |
| 39 | 0.0 | 19022 | DTS |
| 0 | 0.0 | 19398 | Other automobile |
| 73 | 0.1 | 19399 | Unknown automobile |
| 126 | 0.1 | 19421 | Escalade |
| 6 | 0.0 | 19431 | Escalade ESV |
| 0 | 0.0 | 19481 | Escalade EXT |
| 3 | 0.0 | 19498 | Other light truck |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|-------------------------|
| | 11 | 0.0 | 19999 Unknown vehicle |
| | | | Chevrolet |
| | 15 | 0.0 | 20001 Malibu/Chevelle |
| 1048 | 1.1 | 20002 | Caprice/Impala |
| 79 | 0.1 | 20004 | Corvette |
| 4 | 0.0 | 20006 | Corvair |
| 9 | 0.0 | 20007 | El Camino |
| 8 | 0.0 | 20008 | Nova (-79) |
| 217 | 0.2 | 20009 | Camaro |
| 24 | 0.0 | 20010 | Monte Carlo (RWD) |
| 1 | 0.0 | 20011 | Vega |
| 1 | 0.0 | 20012 | Monza |
| 1 | 0.0 | 20013 | Chevette |
| 1 | 0.0 | 20015 | Citation |
| 1040 | 1.1 | 20016 | Cavalier |
| 24 | 0.0 | 20017 | Celebrity |
| 152 | 0.2 | 20019 | Beretta/Corsica |
| 360 | 0.4 | 20020 | Lumina |
| 420 | 0.4 | 20022 | Cobalt |
| 101 | 0.1 | 20023 | HHR |
| 0 | 0.0 | 20031 | Spectrum |
| 208 | 0.2 | 20032 | Nova/Geo Prizm |
| 2 | 0.0 | 20033 | Sprint/Geo Sprint |
| 69 | 0.1 | 20034 | Geo Metro |
| 6 | 0.0 | 20035 | Geo Storm |
| 281 | 0.3 | 20036 | Monte Carlo (FWD only) |
| 828 | 0.9 | 20037 | Malibu (1997+) |
| 3 | 0.0 | 20038 | SSR |
| 132 | 0.1 | 20039 | Aveo |
| 2 | 0.0 | 20398 | Other auto |
| 467 | 0.5 | 20399 | Unknown auto |
| 660 | 0.7 | 20401 | S-10 Blazer, blazer |
| 125 | 0.1 | 20402 | Geo tracker (1989-1998) |
| 482 | 0.5 | 20403 | Trailblazer (2002+) |
| 148 | 0.2 | 20404 | Equinox |
| 663 | 0.7 | 20421 | Blazer-fullsize |
| 402 | 0.4 | 20431 | Suburban |
| 241 | 0.2 | 20441 | Astro van |
| 203 | 0.2 | 20442 | Lumina APV / Venture |
| 0 | 0.0 | 20443 | Ventura |
| 76 | 0.1 | 20444 | Uplander |
| 334 | 0.3 | 20461 | G-series van |
| 15 | 0.0 | 20466 | P-series van |
| 0 | 0.0 | 20470 | Van derivative |
| 497 | 0.5 | 20471 | S-10 / T-10 |
| 0 | 0.0 | 20472 | LUV imported Pickup |
| 128 | 0.1 | 20473 | Colorado |
| 2366 | 2.5 | 20481 | C,K,R,V-series Pickup |
| 142 | 0.1 | 20482 | Avalanche |
| 41 | 0.0 | 20498 | Other light truck |
| 342 | 0.4 | 20499 | Unknown light truck |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|------------------------------------|
| 66 | 0.1 | 20881 | Med/Hvy CBE |
| 8 | 0.0 | 20882 | Med/Hvy COE low entry |
| 5 | 0.0 | 20883 | Med/Hvy COE high entry |
| 18 | 0.0 | 20884 | Med/Hvy Unknown engine location |
| 15 | 0.0 | 20890 | Med/Hvy COE Unknown entry location |
| 0 | 0.0 | 20898 | Other med/hvy truck |
| 18 | 0.0 | 20899 | Unknown med/hvy trk |
| 2 | 0.0 | 20981 | Bus S-60 series |
| 7 | 0.0 | 20988 | Other Bus |
| 2 | 0.0 | 20989 | Unknown bus type |
| 0 | 0.0 | 20998 | Other vehicle |
| 136 | 0.1 | 20999 | Unknown vehicle |
| | | | Oldsmobile |
| 31 | 0.0 | 21001 | Cutlass (RWD only) |
| 151 | 0.2 | 21002 | Delta 88 |
| 57 | 0.1 | 21003 | Ninety-Eight |
| 5 | 0.0 | 21005 | Toronado |
| 0 | 0.0 | 21006 | Commercial Series |
| 0 | 0.0 | 21012 | Starfire |
| 0 | 0.0 | 21015 | Omega |
| 0 | 0.0 | 21016 | Firenza |
| 104 | 0.1 | 21017 | Ciera |
| 6 | 0.0 | 21018 | Calais |
| 231 | 0.2 | 21020 | Cutlass (FWD) |
| 35 | 0.0 | 21021 | Achieva |
| 54 | 0.1 | 21022 | Aurora |
| 93 | 0.1 | 21023 | Intrigue |
| 221 | 0.2 | 21024 | Alero |
| 1 | 0.0 | 21398 | Other automobile |
| 94 | 0.1 | 21399 | Unknown automobile |
| 55 | 0.1 | 21401 | Bravada |
| 65 | 0.1 | 21441 | Silhouette |
| 0 | 0.0 | 21498 | Other light truck |
| 3 | 0.0 | 21499 | Unknown light truck |
| 0 | 0.0 | 21998 | Other vehicle |
| 7 | 0.0 | 21999 | Unknown vehicle |
| | | | Pontiac |
| 2 | 0.0 | 22001 | Lemans/Tempest (thru 79) |
| 241 | 0.2 | 22002 | Bonneville/Catalina/Parisienne |
| 7 | 0.0 | 22005 | Fiero |
| 22 | 0.0 | 22008 | Ventura |
| 105 | 0.1 | 22009 | Firebird/Trans AM |
| 4 | 0.0 | 22010 | Grand Prix RWD |
| 0 | 0.0 | 22011 | Astre |
| 1 | 0.0 | 22012 | Sunbird (thru 80) |
| 0 | 0.0 | 22013 | T-1000/1000 |
| 2 | 0.0 | 22015 | Phoenix |
| 246 | 0.3 | 22016 | J2000/2000/Sunbird(84 on)/Sunfire |
| 10 | 0.0 | 22017 | 6000 |
| 756 | 0.8 | 22018 | Grand Am |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|-----------------------------------|
| 34 | 0.0 | 22019 | G5 |
| 620 | 0.6 | 22020 | Grand Prix FWD |
| 247 | 0.3 | 22022 | G6 |
| 11 | 0.0 | 22023 | Solstice |
| 3 | 0.0 | 22024 | G8 |
| 5 | 0.0 | 22031 | Lemans (88 on) |
| 97 | 0.1 | 22032 | Vibe |
| 2 | 0.0 | 22398 | Other auto |
| 184 | 0.2 | 22399 | Unknown automobile |
| 52 | 0.1 | 22401 | Aztek |
| 28 | 0.0 | 22403 | Torrent |
| 140 | 0.1 | 22441 | Trans Sport / Montana |
| 0 | 0.0 | 22498 | Other light truck |
| 7 | 0.0 | 22499 | Unknown light truck |
| 15 | 0.0 | 22999 | Unknown vehicle |
| GMC | | | |
| 0 | 0.0 | 23007 | Caballero/Sprint |
| 23 | 0.0 | 23008 | Arcadia |
| 0 | 0.0 | 23398 | Other automobile |
| 24 | 0.0 | 23399 | Unknown automobile |
| 386 | 0.4 | 23401 | Jimmy/Typhoon/Envoy |
| 388 | 0.4 | 23421 | Jimmy fullsize/Yukon |
| 66 | 0.1 | 23431 | Suburban |
| 57 | 0.1 | 23441 | Safari (Minivan) |
| 95 | 0.1 | 23461 | G-series Van |
| 3 | 0.0 | 23466 | P-series Van |
| 0 | 0.0 | 23470 | Van Derivative |
| 121 | 0.1 | 23471 | S15/T15/Sonoma |
| 33 | 0.0 | 23472 | Canyon |
| 704 | 0.7 | 23481 | C,K,R,V-series Pickup |
| 18 | 0.0 | 23498 | Other lt truck |
| 90 | 0.1 | 23499 | Unknown light truck |
| 82 | 0.1 | 23881 | Med/Hvy CBE |
| 31 | 0.0 | 23882 | Med/Hvy COE low entry |
| 4 | 0.0 | 23883 | Med/Hvy COE high entry |
| 48 | 0.0 | 23884 | Med/Hvy Unknown engine location |
| 17 | 0.0 | 23890 | Med/Hvy COE Unknown entry postion |
| 1 | 0.0 | 23898 | Other medium/heavy truck |
| 15 | 0.0 | 23899 | Unknown medium/heavy truck |
| 1 | 0.0 | 23981 | Bus B6000 |
| 6 | 0.0 | 23988 | Other bus |
| 0 | 0.0 | 23989 | Unknown bus type |
| 49 | 0.1 | 23999 | Unknown vehicle |
| Saturn | | | |
| 435 | 0.5 | 24001 | SL |
| 114 | 0.1 | 24002 | SC |
| 32 | 0.0 | 24003 | SW |
| 0 | 0.0 | 24004 | EV1 (electric vehicle) |
| 117 | 0.1 | 24005 | LS |
| 10 | 0.0 | 24006 | LW |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|----------------|-------|-------|---|
| 193 | 0.2 | 24007 | Ion |
| 2 | 0.0 | 24008 | Sky |
| 49 | 0.1 | 24009 | Aura |
| 8 | 0.0 | 24010 | Outlook |
| 0 | 0.0 | 24398 | Other auto |
| 152 | 0.2 | 24399 | Unknown auto |
| 196 | 0.2 | 24401 | Vue |
| 3 | 0.0 | 24441 | Relay |
| 3 | 0.0 | 24498 | Other light truck |
| 3 | 0.0 | 24499 | Unknown light truck |
| 14 | 0.0 | 24999 | Unknown vehicle |
| | | | |
| Grumman | | | |
| 7 | 0.0 | 25441 | LLV (Postal vehicle) |
| 1 | 0.0 | 25442 | Step-in van |
| 0 | 0.0 | 25498 | Other light truck |
| 0 | 0.0 | 25499 | Unknown light truck |
| 0 | 0.0 | 25881 | Medium/Heavy CBE |
| 0 | 0.0 | 25882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 25883 | Medium/Heavy COE high entry |
| 0 | 0.0 | 25884 | Medium/Heavy Unknown engine location |
| 1 | 0.0 | 25890 | Medium/Heavy COE Unknown entry position |
| 0 | 0.0 | 25898 | Other medium/heavy truck |
| 1 | 0.0 | 25899 | Unknown medium/heavy truck |
| 0 | 0.0 | 25983 | Bus flat front, rear engine |
| 0 | 0.0 | 25988 | Other bus |
| 0 | 0.0 | 25989 | Unknown bus type |
| 1 | 0.0 | 25999 | Unknown vehicle |
| | | | |
| Other Domestic | | | |
| 1 | 0.0 | 29001 | Studebaker/Avanti |
| 2 | 0.0 | 29002 | Checker |
| 0 | 0.0 | 29398 | Other domestic make |
| 0 | 0.0 | 29399 | Unknown domestic make |
| | | | |
| Volkswagen | | | |
| 0 | 0.0 | 30031 | Karmann Ghia |
| 26 | 0.0 | 30032 | Beetle 1300/1500 |
| 0 | 0.0 | 30033 | Super Beetle |
| 0 | 0.0 | 30034 | 411/412 |
| 0 | 0.0 | 30035 | Squareback/Fastback |
| 19 | 0.0 | 30036 | Rabbit |
| 0 | 0.0 | 30037 | Dasher |
| 1 | 0.0 | 30038 | Scirocco |
| 185 | 0.2 | 30040 | Jetta |
| 0 | 0.0 | 30041 | Quantum |
| 74 | 0.1 | 30042 | Golf/Cabriole/GTI |
| 0 | 0.0 | 30043 | Rabbit Pickup |
| 2 | 0.0 | 30044 | Fox |
| 1 | 0.0 | 30045 | Corrado |
| 154 | 0.2 | 30046 | Passat |
| 263 | 0.3 | 30047 | Jetta III |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|----------------------|-------|-------|-----------------------|
| 38 | 0.0 | 30048 | Golf III |
| 111 | 0.1 | 30049 | New Beetle |
| 1 | 0.0 | 30050 | Phaeton |
| 2 | 0.0 | 30051 | EOS |
| 3 | 0.0 | 30398 | Other automobile |
| 131 | 0.1 | 30399 | Unknown automobile |
| 0 | 0.0 | 30401 | The Thing (181) |
| 18 | 0.0 | 30421 | Touareg |
| 5 | 0.0 | 30441 | Vanagon/Camper |
| 1 | 0.0 | 30442 | Eurovan |
| 0 | 0.0 | 30498 | Other lt truck |
| 1 | 0.0 | 30499 | Unknown light truck |
| 1 | 0.0 | 30998 | Other vehicle |
| 8 | 0.0 | 30999 | Unknown vehicle |
| | | | |
| Alfa Romeo | | | |
| 2 | 0.0 | 31031 | Spider |
| 0 | 0.0 | 31032 | Sports sedan |
| 0 | 0.0 | 31033 | Sprint Veloce |
| 0 | 0.0 | 31034 | GTV-6 |
| 0 | 0.0 | 31035 | 164 |
| 0 | 0.0 | 31398 | Other automobile |
| 0 | 0.0 | 31399 | Unknown automobile |
| 0 | 0.0 | 31999 | Unknown vehicle |
| | | | |
| Audi | | | |
| 0 | 0.0 | 32031 | Super 90 |
| 58 | 0.1 | 32032 | 100/A6 |
| 0 | 0.0 | 32033 | Fox |
| 0 | 0.0 | 32034 | 4000 |
| 2 | 0.0 | 32035 | 5000 |
| 4 | 0.0 | 32036 | 80/90 |
| 0 | 0.0 | 32037 | 200 |
| 1 | 0.0 | 32038 | V-8 Quattro |
| 2 | 0.0 | 32039 | Coupe Quattro |
| 12 | 0.0 | 32040 | S4/S6 |
| 3 | 0.0 | 32041 | Cabriolet |
| 109 | 0.1 | 32042 | A4 |
| 7 | 0.0 | 32043 | A3 |
| 9 | 0.0 | 32044 | A8 |
| 16 | 0.0 | 32045 | TT |
| 0 | 0.0 | 32046 | S8 |
| 6 | 0.0 | 32047 | Allroad |
| 0 | 0.0 | 32049 | A5 |
| 1 | 0.0 | 32050 | R8 |
| 0 | 0.0 | 32398 | Other auto |
| 53 | 0.1 | 32399 | Unknown auto |
| 3 | 0.0 | 32401 | Q7 |
| 2 | 0.0 | 32999 | Unknown vehicle |
| | | | |
| Austin/Austin Healey | | | |
| 0 | 0.0 | 33031 | Marina |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------------|-------|-------|-----------------------|
| 0 | 0.0 | 33032 | America |
| 0 | 0.0 | 33033 | Healey Sprite |
| 0 | 0.0 | 33034 | Healey 3000 |
| 0 | 0.0 | 33035 | Mini |
| 0 | 0.0 | 33398 | Other automobile |
| 0 | 0.0 | 33399 | Unknown automobile |
| 0 | 0.0 | 33999 | Unknown vehicle |
| | | | |
| BMW | | | |
| 5 | 0.0 | 34031 | 1600,2002 |
| 0 | 0.0 | 34032 | Coupe |
| 0 | 0.0 | 34033 | Bavaria Sedan |
| 363 | 0.4 | 34034 | 3-series |
| 162 | 0.2 | 34035 | 5-series |
| 15 | 0.0 | 34036 | 6-series |
| 61 | 0.1 | 34037 | 7-series |
| 1 | 0.0 | 34038 | 8-series |
| 11 | 0.0 | 34039 | Z3 |
| 2 | 0.0 | 34040 | Z8 |
| 0 | 0.0 | 34041 | V5 |
| 14 | 0.0 | 34042 | Z4 |
| 0 | 0.0 | 34398 | Other automobile |
| 99 | 0.1 | 34399 | Unknown automobile |
| 59 | 0.1 | 34401 | X5 |
| 23 | 0.0 | 34402 | X3 |
| 0 | 0.0 | 34498 | Other light truck |
| 4 | 0.0 | 34499 | Unknown light truck |
| 0 | 0.0 | 34701 | 0-50cc |
| 0 | 0.0 | 34702 | 51-124cc |
| 0 | 0.0 | 34703 | 125-349cc |
| 0 | 0.0 | 34704 | 350-449cc |
| 3 | 0.0 | 34705 | 450-749cc |
| 22 | 0.0 | 34706 | 750cc & over |
| 7 | 0.0 | 34709 | Unknown cc |
| 2 | 0.0 | 34799 | Unknown motorcycle |
| 17 | 0.0 | 34999 | Unknown vehicle |
| | | | |
| Nissan/Datsun | | | |
| 0 | 0.0 | 35006 | Murano |
| 0 | 0.0 | 35031 | F-10 |
| 80 | 0.1 | 35032 | 200/240SX |
| 0 | 0.0 | 35033 | B210/210/1200 |
| 37 | 0.0 | 35034 | Z-car, ZX |
| 0 | 0.0 | 35035 | 310 |
| 0 | 0.0 | 35036 | 510 |
| 0 | 0.0 | 35037 | 610 |
| 0 | 0.0 | 35038 | 710 |
| 627 | 0.6 | 35039 | 810/Maxima |
| 4 | 0.0 | 35040 | Roadster |
| 0 | 0.0 | 35041 | PL411/RL411 |
| 10 | 0.0 | 35042 | Stanza |
| 692 | 0.7 | 35043 | Sentra |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|--------------------------------|
| | | | Pulsar |
| 1 | 0.0 | 35044 | |
| 0 | 0.0 | 35045 | Micra |
| 5 | 0.0 | 35046 | NX 1600/2000 |
| 1180 | 1.2 | 35047 | Altima |
| 51 | 0.1 | 35048 | 350Z |
| 105 | 0.1 | 35049 | Murano |
| 71 | 0.1 | 35050 | Versa |
| 19 | 0.0 | 35051 | Rogue |
| 1 | 0.0 | 35398 | Other auto |
| 385 | 0.4 | 35399 | Unknown auto |
| 297 | 0.3 | 35401 | Pathfinder |
| 196 | 0.2 | 35402 | Xterra |
| 47 | 0.0 | 35421 | Armada |
| 0 | 0.0 | 35441 | Van |
| 0 | 0.0 | 35442 | Axxess |
| 143 | 0.1 | 35443 | Quest |
| 406 | 0.4 | 35471 | Frontier |
| 107 | 0.1 | 35481 | Titan |
| 5 | 0.0 | 35498 | Other light truck |
| 58 | 0.1 | 35499 | Unknown light truck |
| 35 | 0.0 | 35883 | Med/Hvy COE high entry |
| 1 | 0.0 | 35898 | Other medium/heavy truck |
| 2 | 0.0 | 35899 | Unknown medium/heavy truck |
| 77 | 0.1 | 35999 | Unknown vehicle |
| | | | Fiat |
| 0 | 0.0 | 36031 | 124 Coupe/Sedan |
| 1 | 0.0 | 36032 | 124 Spider/Racer |
| 0 | 0.0 | 36033 | Brava-131 |
| 0 | 0.0 | 36034 | 850 Coupe/Spyder |
| 0 | 0.0 | 36035 | 128 |
| 0 | 0.0 | 36036 | X-1/9 |
| 0 | 0.0 | 36037 | Strada |
| 0 | 0.0 | 36398 | Other automobile |
| 4 | 0.0 | 36399 | Unknown automobile |
| 0 | 0.0 | 36882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 36883 | Medium/Heavy COE high entry |
| 0 | 0.0 | 36890 | Medium/Heavy COE unknown entry |
| 0 | 0.0 | 36898 | Other medium/heavy truck |
| 0 | 0.0 | 36899 | Unknown medium/heavy truck |
| 1 | 0.0 | 36999 | Unknown vehicle |
| | | | Honda |
| 1990 | 2.1 | 37031 | Civic/CRX, del Sol |
| 2526 | 2.6 | 37032 | Accord |
| 79 | 0.1 | 37033 | Prelude |
| 0 | 0.0 | 37034 | 600 |
| 18 | 0.0 | 37035 | S2000 |
| 4 | 0.0 | 37037 | Insight |
| 0 | 0.0 | 37038 | FCX |
| 48 | 0.0 | 37039 | Fit |
| 1 | 0.0 | 37398 | Other automobile |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|---|
| 561 | 0.6 | 37399 | Unknown automobile |
| 62 | 0.1 | 37401 | Passport |
| 461 | 0.5 | 37402 | CR-V |
| 91 | 0.1 | 37403 | Element |
| 184 | 0.2 | 37421 | Pilot |
| 358 | 0.4 | 37441 | Odyssey |
| 36 | 0.0 | 37471 | Ridgeline |
| 1 | 0.0 | 37498 | Other light truck |
| 25 | 0.0 | 37499 | Unknown light trk |
| 3 | 0.0 | 37701 | 0-50cc |
| 4 | 0.0 | 37702 | 51-124cc |
| 27 | 0.0 | 37703 | 125-349cc |
| 6 | 0.0 | 37704 | 350-449cc |
| 194 | 0.2 | 37705 | 450-749cc |
| 226 | 0.2 | 37706 | 750cc & over |
| 121 | 0.1 | 37709 | Unknown cc |
| 0 | 0.0 | 37731 | ATC/ATV 0-50cc |
| 0 | 0.0 | 37732 | ATC/ATV 51-124cc |
| 7 | 0.0 | 37733 | ATC/ATV 125-349cc |
| 7 | 0.0 | 37734 | ATC/ATV 350cc & over |
| 4 | 0.0 | 37739 | ATC/ATV Unknown cc |
| 35 | 0.0 | 37798 | Oth motored cycle |
| 98 | 0.1 | 37999 | Unknown vehicle |
| | | Isuzu | |
| 2 | 0.0 | 38031 | I-Mark |
| 0 | 0.0 | 38032 | Impulse |
| 0 | 0.0 | 38033 | Stylus |
| 0 | 0.0 | 38398 | Other automobile |
| 5 | 0.0 | 38399 | Unknown automobile |
| 60 | 0.1 | 38401 | Trooper/Trooper II |
| 191 | 0.2 | 38402 | Rodeo |
| 16 | 0.0 | 38403 | Amigo |
| 0 | 0.0 | 38404 | Vehicross |
| 9 | 0.0 | 38405 | Axiom |
| 5 | 0.0 | 38421 | Ascender |
| 1 | 0.0 | 38441 | Oasis |
| 31 | 0.0 | 38471 | P/up Pickup Hombre |
| 0 | 0.0 | 38498 | Other light truck |
| 5 | 0.0 | 38499 | Unknown light truck |
| 7 | 0.0 | 38881 | Medium/Heavy CBE |
| 59 | 0.1 | 38882 | Medium/Heavy COE low entry |
| 1 | 0.0 | 38883 | Med/Hvy COE high entry |
| 20 | 0.0 | 38884 | Med/Hvy unknown engine location |
| 49 | 0.1 | 38890 | Medium/Heavy COE unknown entry position |
| 0 | 0.0 | 38898 | Other medium/heavy truck |
| 5 | 0.0 | 38899 | Unknown medium/heavy truck |
| 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 vehicle |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|--------------------------------------|
| 5 | 0.0 | 38999 | Unknown vehicle |
| | | | Jaguar |
| 2 | 0.0 | 39031 | XJ-S Coupe |
| 40 | 0.0 | 39032 | XJ6/12 Sedan/Coupe/XJ-8/ Vandan Plas |
| 4 | 0.0 | 39033 | XKE |
| 40 | 0.0 | 39034 | X100 (97-98) / S-Type |
| 54 | 0.1 | 39035 | X-Type |
| 0 | 0.0 | 39398 | Other automobile |
| 9 | 0.0 | 39399 | Unknown automobile |
| 0 | 0.0 | 39999 | Unknown vehicle |
| | | | Lancia |
| 0 | 0.0 | 40031 | Beta Sedan/HPE |
| 0 | 0.0 | 40032 | Beta Coupe/Zagato |
| 0 | 0.0 | 40033 | Scorpion |
| 0 | 0.0 | 40398 | Other automobile |
| 0 | 0.0 | 40399 | Unknown automobile |
| 0 | 0.0 | 40999 | Unknown vehicle |
| | | | Mazda |
| 0 | 0.0 | 41031 | RX2 |
| 0 | 0.0 | 41032 | RX3 |
| 0 | 0.0 | 41033 | RX4 |
| 2 | 0.0 | 41034 | RX7 |
| 228 | 0.2 | 41035 | GLC/323/Protege |
| 0 | 0.0 | 41036 | Cosmo |
| 221 | 0.2 | 41037 | 626 |
| 0 | 0.0 | 41038 | 808 |
| 1 | 0.0 | 41039 | Mizer |
| 0 | 0.0 | 41040 | R-100 |
| 2 | 0.0 | 41041 | 616/618 |
| 1 | 0.0 | 41042 | 1800 |
| 9 | 0.0 | 41043 | 929 |
| 24 | 0.0 | 41044 | MX-6 |
| 71 | 0.1 | 41045 | Miata |
| 15 | 0.0 | 41046 | MX-3 |
| 42 | 0.0 | 41047 | Millenia |
| 0 | 0.0 | 41048 | MP3 |
| 21 | 0.0 | 41049 | RX-8 |
| 160 | 0.2 | 41050 | Mazda 6 |
| 162 | 0.2 | 41051 | Mazda 3 |
| 15 | 0.0 | 41052 | Mazda 5 |
| 23 | 0.0 | 41053 | CX-7 |
| 9 | 0.0 | 41054 | CX9 |
| 0 | 0.0 | 41398 | Other auto |
| 92 | 0.1 | 41399 | Unknown automobile |
| 8 | 0.0 | 41401 | Navajo |
| 88 | 0.1 | 41402 | Tribute |
| 78 | 0.1 | 41441 | MPV |
| 126 | 0.1 | 41471 | Mazda pickup |
| 0 | 0.0 | 41498 | Other light truck |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------------|-------|-------|---|
| 9 | 0.0 | 41499 | Unknown light truck |
| 13 | 0.0 | 41999 | Unknown vehicle |
| Mercedes Benz | | | |
| 124 | 0.1 | 42031 | 200/220/230/240/250/260/280/300/320/420 |
| 0 | 0.0 | 42032 | 230/280 SL 2-passenger |
| 7 | 0.0 | 42033 | 300/350/380/450/500 SL/560 SL 2-passenger |
| 1 | 0.0 | 42034 | 350/380/420/450/560 SLC |
| 7 | 0.0 | 42035 | 280/300 SEL |
| 17 | 0.0 | 42036 | 380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL |
| 2 | 0.0 | 42037 | 300 SE/380/450 SE |
| 1 | 0.0 | 42038 | 600,6.9 Sedan |
| 13 | 0.0 | 42039 | 190 |
| 25 | 0.0 | 42040 | 300 |
| 14 | 0.0 | 42041 | 400/500 E |
| 83 | 0.1 | 42042 | 220/280 C |
| 50 | 0.1 | 42043 | S class |
| 17 | 0.0 | 42044 | SL class |
| 22 | 0.0 | 42045 | SLK |
| 4 | 0.0 | 42046 | CL class |
| 57 | 0.1 | 42047 | CLK |
| 134 | 0.1 | 42048 | E class (96-on) |
| 0 | 0.0 | 42049 | SLR McLaren |
| 11 | 0.0 | 42050 | R class |
| 7 | 0.0 | 42051 | CLS class |
| 1 | 0.0 | 42398 | Other automobile |
| 84 | 0.1 | 42399 | Unknown automobile |
| 86 | 0.1 | 42401 | M class |
| 12 | 0.0 | 42402 | G class |
| 0 | 0.0 | 42470 | Van derivative |
| 0 | 0.0 | 42498 | Other light truck |
| 3 | 0.0 | 42499 | Unknown light truck |
| 0 | 0.0 | 42881 | Medium/Heavy CBE |
| 0 | 0.0 | 42882 | Med/Hvy COE low entry |
| 0 | 0.0 | 42883 | Med/Hvy COE high entry |
| 0 | 0.0 | 42884 | Med/Hvy unknown engine location |
| 0 | 0.0 | 42890 | Med/Hvy COE unknown entry position |
| 0 | 0.0 | 42898 | Other medium/heavy truck |
| 0 | 0.0 | 42899 | Unknown medium/heavy truck |
| 0 | 0.0 | 42981 | Medium bus |
| 0 | 0.0 | 42988 | Other bus |
| 0 | 0.0 | 42989 | Unknown Bus type |
| 23 | 0.0 | 42999 | Unknown vehicle |
| MG | | | |
| 1 | 0.0 | 43031 | Midget |
| 0 | 0.0 | 43032 | MGB (76-79) |
| 1 | 0.0 | 43033 | MGB GT (67-75) |
| 0 | 0.0 | 43034 | MGA |
| 0 | 0.0 | 43035 | TA/TC/TD/TF |
| 0 | 0.0 | 43036 | MGC |
| 0 | 0.0 | 43398 | Other automobile |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|---------------------------------|
| 0 | 0.0 | 43399 | Unknown automobile |
| 0 | 0.0 | 43999 | Unknown vehicle |
| | | | Peugeot |
| 0 | 0.0 | 44031 | 304 |
| 0 | 0.0 | 44032 | 403 |
| 0 | 0.0 | 44033 | 404 |
| 0 | 0.0 | 44034 | 504/505 |
| 0 | 0.0 | 44035 | 604 |
| 0 | 0.0 | 44036 | 405 |
| 0 | 0.0 | 44398 | Other automobile |
| 0 | 0.0 | 44399 | Unknown automobile |
| 0 | 0.0 | 44701 | 0-50cc |
| 0 | 0.0 | 44702 | 51-124cc |
| 0 | 0.0 | 44709 | Unknown cc |
| 0 | 0.0 | 44799 | Unknown motored cycle |
| 0 | 0.0 | 44999 | Unknown vehicle |
| | | | Porsche |
| 20 | 0.0 | 45031 | 911 |
| 0 | 0.0 | 45032 | 912 |
| 2 | 0.0 | 45033 | 914 |
| 0 | 0.0 | 45034 | 924 |
| 0 | 0.0 | 45035 | 928 |
| 0 | 0.0 | 45036 | 930 |
| 1 | 0.0 | 45037 | 944 |
| 0 | 0.0 | 45038 | 959 |
| 1 | 0.0 | 45039 | 968 |
| 11 | 0.0 | 45040 | 986 Boxster |
| 3 | 0.0 | 45041 | Cayman |
| 0 | 0.0 | 45398 | Other automobile |
| 2 | 0.0 | 45399 | Unknown automobile |
| 8 | 0.0 | 45421 | Cayenne |
| 1 | 0.0 | 45999 | Unknown vehicle |
| | | | Renault |
| 0 | 0.0 | 46031 | LeCar |
| 0 | 0.0 | 46032 | Dauphine/10/R-8/Caravelle |
| 0 | 0.0 | 46033 | 12 |
| 0 | 0.0 | 46034 | 15 |
| 0 | 0.0 | 46035 | 16 |
| 0 | 0.0 | 46036 | 17 |
| 0 | 0.0 | 46037 | R18i |
| 0 | 0.0 | 46038 | Fuego |
| 0 | 0.0 | 46039 | Alliance/Encore/GTA/Convertible |
| 0 | 0.0 | 46041 | Alpine |
| 0 | 0.0 | 46044 | Medallion |
| 0 | 0.0 | 46045 | Premier |
| 0 | 0.0 | 46398 | Other automobile |
| 0 | 0.0 | 46399 | Unknown automobile |
| 0 | 0.0 | 46999 | Unknown vehicle |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|------------------------------|
| | | | Saab |
| 27 | 0.0 | 47031 | 99/99E/900 |
| 0 | 0.0 | 47032 | Sonnett |
| 0 | 0.0 | 47033 | 95/96/97 |
| 3 | 0.0 | 47034 | 9000, CS |
| 60 | 0.1 | 47035 | 9-3 |
| 21 | 0.0 | 47036 | 9-5 |
| 5 | 0.0 | 47037 | 9-2X |
| 0 | 0.0 | 47398 | Other automobile |
| 35 | 0.0 | 47399 | Unknown automobile |
| 1 | 0.0 | 47401 | 9-7X |
| 1 | 0.0 | 47499 | Unknown Light Truck |
| 0 | 0.0 | 47999 | Unknown vehicle |
| | | | Subaru |
| 10 | 0.0 | 48031 | DL/FE/G/GF/GL/GLF/STD/Loyale |
| 0 | 0.0 | 48032 | Star |
| 0 | 0.0 | 48033 | 360 |
| 252 | 0.3 | 48034 | Legacy |
| 0 | 0.0 | 48035 | XT/XT6 |
| 0 | 0.0 | 48036 | Justy |
| 0 | 0.0 | 48037 | SVX |
| 113 | 0.1 | 48038 | Impreza |
| 3 | 0.0 | 48043 | Brat DL, GL |
| 3 | 0.0 | 48044 | Baja |
| 34 | 0.0 | 48045 | Outback |
| 0 | 0.0 | 48398 | Other automobile |
| 86 | 0.1 | 48399 | Unknown automobile |
| 107 | 0.1 | 48401 | Forester |
| 12 | 0.0 | 48402 | B9 Tribeca |
| 0 | 0.0 | 48498 | Other light truck |
| 5 | 0.0 | 48499 | Unknown light truck |
| 59 | 0.1 | 48999 | Unknown vehicle |
| | | | Toyota |
| 2 | 0.0 | 49031 | Corona |
| 1534 | 1.6 | 49032 | Corolla |
| 157 | 0.2 | 49033 | Celica |
| 15 | 0.0 | 49034 | Supra |
| 4 | 0.0 | 49035 | Cressida |
| 0 | 0.0 | 49036 | Crown |
| 0 | 0.0 | 49037 | Carina |
| 93 | 0.1 | 49038 | Tercel |
| 0 | 0.0 | 49039 | Starlet |
| 2117 | 2.2 | 49040 | Camry |
| 12 | 0.0 | 49041 | MR-2 |
| 21 | 0.0 | 49042 | Paseo |
| 267 | 0.3 | 49043 | Avalon |
| 90 | 0.1 | 49044 | Solara |
| 66 | 0.1 | 49045 | Echo |
| 145 | 0.2 | 49046 | Prius |
| 30 | 0.0 | 49048 | Scion XA |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|--------------------------------|
| 54 | 0.1 | 49049 | Scion XB |
| 161 | 0.2 | 49050 | Scion TC |
| 80 | 0.1 | 49051 | Yaris |
| 6 | 0.0 | 49052 | Scion XD |
| 1 | 0.0 | 49398 | Other automobile |
| 612 | 0.6 | 49399 | Unknown automobile |
| 507 | 0.5 | 49401 | 4-Runner |
| 280 | 0.3 | 49402 | RAV-4 |
| 228 | 0.2 | 49403 | Highlander |
| 91 | 0.1 | 49404 | Matrix |
| 20 | 0.0 | 49405 | FJ Cruiser |
| 32 | 0.0 | 49421 | Landcruiser |
| 111 | 0.1 | 49422 | Sequoia |
| 41 | 0.0 | 49441 | Minivan (84-90)/Previa (91-98) |
| 276 | 0.3 | 49442 | Sienna |
| 194 | 0.2 | 49471 | Pickup |
| 543 | 0.6 | 49472 | Takoma |
| 29 | 0.0 | 49481 | T-100 |
| 300 | 0.3 | 49482 | Tundra |
| 2 | 0.0 | 49498 | Other light truck |
| 118 | 0.1 | 49499 | Unknown light truck |
| 110 | 0.1 | 49999 | Unknown vehicle |
| Triumph | | | |
| 0 | 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 automobile |
| 0 | 0.0 | 50399 | Unknown automobile |
| 0 | 0.0 | 50701 | 0-50cc |
| 0 | 0.0 | 50702 | 51-124 cc |
| 0 | 0.0 | 50703 | 125-349 cc |
| 0 | 0.0 | 50704 | 350-449 cc |
| 2 | 0.0 | 50705 | 450-749 cc |
| 16 | 0.0 | 50706 | 750cc & over |
| 3 | 0.0 | 50709 | Unknown cc |
| 1 | 0.0 | 50799 | Unknown motored cycle |
| 0 | 0.0 | 50999 | Unknown vehicle |
| Volvo | | | |
| 0 | 0.0 | 51031 | 122 |
| 1 | 0.0 | 51032 | 142/144/145 |
| 1 | 0.0 | 51033 | 164 |
| 30 | 0.0 | 51034 | 240/242/244/245 |
| 0 | 0.0 | 51035 | 262/264/265 |
| 1 | 0.0 | 51036 | 1800 |
| 3 | 0.0 | 51038 | 760/780 |
| 20 | 0.0 | 51039 | 740 |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|---|
| 13 | 0.0 | 51040 | 940 |
| 9 | 0.0 | 51041 | 960 |
| 49 | 0.1 | 51042 | 850 |
| 111 | 0.1 | 51043 | 70 series |
| 7 | 0.0 | 51044 | 90 series |
| 43 | 0.0 | 51045 | 80 series |
| 59 | 0.1 | 51046 | 40 series |
| 63 | 0.1 | 51047 | 60 series |
| 8 | 0.0 | 51048 | V50 |
| 0 | 0.0 | 51398 | Other automobile |
| 60 | 0.1 | 51399 | Unknown automobile |
| 37 | 0.0 | 51401 | XC90 |
| 316 | 0.3 | 51881 | Medium/Heavy CBE |
| 11 | 0.0 | 51882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 51883 | Medium/Heavy COE high entry |
| 151 | 0.2 | 51884 | Medium/Heavy unknown engine location |
| 1 | 0.0 | 51890 | Medium/Heavy COE unknown entry position |
| 0 | 0.0 | 51898 | Other medium/heavy truck |
| 15 | 0.0 | 51899 | Unknown medium/heavy truck |
| 0 | 0.0 | 51981 | Medium bus |
| 0 | 0.0 | 51988 | Other bus |
| 0 | 0.0 | 51989 | Unknown type bus |
| 16 | 0.0 | 51999 | Unknown vehicle |
| | | | Mitsubishi |
| 0 | 0.0 | 52031 | Starion |
| 0 | 0.0 | 52032 | Tredia |
| 0 | 0.0 | 52033 | Cordia |
| 341 | 0.4 | 52034 | Galant |
| 102 | 0.1 | 52035 | Mirage |
| 0 | 0.0 | 52036 | Precis |
| 290 | 0.3 | 52037 | Eclipse |
| 1 | 0.0 | 52038 | Sigma |
| 15 | 0.0 | 52039 | 3000 GT |
| 36 | 0.0 | 52040 | Diamante |
| 132 | 0.1 | 52046 | Lancer |
| 1 | 0.0 | 52398 | Other automobile |
| 93 | 0.1 | 52399 | Unknown automobile |
| 158 | 0.2 | 52401 | Montero |
| 49 | 0.1 | 52402 | Outlander |
| 31 | 0.0 | 52403 | Endeavor |
| 0 | 0.0 | 52441 | Minivan |
| 5 | 0.0 | 52442 | Expo wagon |
| 13 | 0.0 | 52471 | Pickup |
| 13 | 0.0 | 52472 | Raider/Durocross |
| 0 | 0.0 | 52498 | Other light truck |
| 4 | 0.0 | 52499 | Unknown light truck |
| 53 | 0.1 | 52882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 52898 | Other medium/heavy truck |
| 10 | 0.0 | 52899 | Unknown medium/heavy truck |
| 0 | 0.0 | 52981 | Bus conventional front engine |
| 0 | 0.0 | 52982 | Bus front engine/flat front |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|-----------------------------|
| 0 | 0.0 | 52983 | Bus rear engine/flat front |
| 0 | 0.0 | 52988 | Other bus |
| 8 | 0.0 | 52999 | Unknown vehicle |
| | | | Suzuki |
| 0 | 0.0 | 53031 | SA310 |
| 1 | 0.0 | 53034 | Swift |
| 15 | 0.0 | 53035 | Esteem |
| 22 | 0.0 | 53036 | Aerio |
| 81 | 0.1 | 53037 | Forenza |
| 12 | 0.0 | 53038 | Verona |
| 10 | 0.0 | 53039 | Reno |
| 9 | 0.0 | 53040 | SX4 |
| 0 | 0.0 | 53398 | Other automobile |
| 21 | 0.0 | 53399 | Unknown automobile |
| 8 | 0.0 | 53401 | Samurai |
| 20 | 0.0 | 53402 | Sidekick/Grand Vitara |
| 27 | 0.0 | 53403 | X-90/Vitara |
| 27 | 0.0 | 53404 | Grand Vitara |
| 40 | 0.0 | 53405 | XL7 |
| 1 | 0.0 | 53498 | Other light truck |
| 6 | 0.0 | 53499 | Unknown light truck |
| 0 | 0.0 | 53701 | 0-50cc |
| 0 | 0.0 | 53702 | 51-124cc |
| 10 | 0.0 | 53703 | 125-349cc |
| 6 | 0.0 | 53704 | 350-449cc |
| 189 | 0.2 | 53705 | 450-749cc |
| 171 | 0.2 | 53706 | 750cc & over |
| 91 | 0.1 | 53709 | Unknown cc |
| 0 | 0.0 | 53731 | ATC/ATV 0-50cc |
| 2 | 0.0 | 53732 | ATC/ATV 51-124cc |
| 1 | 0.0 | 53733 | ATC/ATV 125-349cc |
| 3 | 0.0 | 53734 | ATC/ATV 350cc & over |
| 3 | 0.0 | 53739 | ATC/ATV unknown cc |
| 7 | 0.0 | 53798 | Other motored cycle |
| 8 | 0.0 | 53799 | Unknown motored cycle |
| 13 | 0.0 | 53999 | Unknown vehicle |
| | | | Acura |
| 167 | 0.2 | 54031 | Integra |
| 127 | 0.1 | 54032 | Legend (86-95) RL (96-2000) |
| 1 | 0.0 | 54033 | NSX |
| 13 | 0.0 | 54034 | Vigor |
| 255 | 0.3 | 54035 | CL / TL |
| 43 | 0.0 | 54038 | RSX |
| 46 | 0.0 | 54039 | TSX |
| 0 | 0.0 | 54398 | Other automobile |
| 74 | 0.1 | 54399 | Unknown automobile |
| 2 | 0.0 | 54401 | SLX |
| 5 | 0.0 | 54402 | RDX |
| 89 | 0.1 | 54421 | MDX |
| 0 | 0.0 | 54498 | Other light truck |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|-----------------------|
| 4 | 0.0 | 54499 | Unknown light truck |
| 18 | 0.0 | 54999 | Unknown vehicle |
| | | | Hyundai |
| 0 | 0.0 | 55031 | Pony |
| 4 | 0.0 | 55032 | Excel |
| 360 | 0.4 | 55033 | Sonata |
| 5 | 0.0 | 55034 | Scoupe |
| 387 | 0.4 | 55035 | Elantra |
| 231 | 0.2 | 55036 | Accent |
| 90 | 0.1 | 55037 | Tiburon |
| 35 | 0.0 | 55038 | XG300/350 |
| 13 | 0.0 | 55039 | Azera |
| 0 | 0.0 | 55398 | Other automobile |
| 232 | 0.2 | 55399 | Unknown automobile |
| 168 | 0.2 | 55401 | Santa Fe |
| 41 | 0.0 | 55402 | Tucson |
| 5 | 0.0 | 55403 | Veracruz |
| 7 | 0.0 | 55441 | Entourage |
| 0 | 0.0 | 55498 | Other light truck |
| 8 | 0.0 | 55499 | Unknown light truck |
| 24 | 0.0 | 55999 | Unknown vehicle |
| | | | Merkur |
| 1 | 0.0 | 56031 | XR4Ti |
| 0 | 0.0 | 56032 | Scorpio |
| 0 | 0.0 | 56398 | Other automobile |
| 0 | 0.0 | 56399 | Unknown automobile |
| 0 | 0.0 | 56999 | Unknown vehicle |
| | | | Yugo |
| 1 | 0.0 | 57031 | GV |
| 0 | 0.0 | 57398 | Other automobile |
| 0 | 0.0 | 57399 | Unknown automobile |
| 0 | 0.0 | 57999 | Unknown vehicle |
| | | | Infiniti |
| 12 | 0.0 | 58031 | M30 |
| 24 | 0.0 | 58032 | Q45 |
| 41 | 0.0 | 58033 | G20 |
| 30 | 0.0 | 58034 | J30 |
| 80 | 0.1 | 58035 | I30 |
| 18 | 0.0 | 58036 | I35 |
| 123 | 0.1 | 58037 | G35 |
| 10 | 0.0 | 58038 | M45 |
| 27 | 0.0 | 58039 | FX35/45 |
| 3 | 0.0 | 58040 | EX35 |
| 2 | 0.0 | 58398 | Other automobile |
| 47 | 0.0 | 58399 | Unknown automobile |
| 28 | 0.0 | 58401 | QX4 |
| 17 | 0.0 | 58421 | QX56 |
| 0 | 0.0 | 58498 | Other light truck |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|------------|-------|-------|---|
| 1 | 0.0 | 58499 | Unknown light truck |
| 5 | 0.0 | 58999 | Unknown vehicle |
| Lexus | | | |
| 271 | 0.3 | 59031 | ES-250/ES-300 |
| 107 | 0.1 | 59032 | LS-400 |
| 24 | 0.0 | 59033 | SC-400/SC-300 |
| 77 | 0.1 | 59034 | GS300/GS400 |
| 65 | 0.1 | 59035 | IS-300 |
| 15 | 0.0 | 59036 | SC-430 |
| 0 | 0.0 | 59398 | Other automobile |
| 59 | 0.1 | 59399 | Unknown automobile |
| 213 | 0.2 | 59401 | RX300 |
| 25 | 0.0 | 59402 | GX470 |
| 8 | 0.0 | 59403 | RX330/350/400h |
| 16 | 0.0 | 59421 | LX-450/LX-470 |
| 0 | 0.0 | 59498 | Other light truck |
| 9 | 0.0 | 59499 | Unknown light truck |
| 16 | 0.0 | 59999 | Unknown vehicle |
| Daihatsu | | | |
| 0 | 0.0 | 60031 | Charade |
| 0 | 0.0 | 60398 | Other automobile |
| 0 | 0.0 | 60399 | Unknown automobile |
| 0 | 0.0 | 60401 | Rocky |
| 0 | 0.0 | 60498 | Other light truck |
| 0 | 0.0 | 60499 | Unknown light truck |
| 0 | 0.0 | 60999 | Unknown vehicle |
| Sterling | | | |
| 1 | 0.0 | 61031 | 827S |
| 0 | 0.0 | 61398 | Other automobile |
| 0 | 0.0 | 61399 | Unknown automobile |
| 0 | 0.0 | 61999 | Unknown vehicle |
| Land Rover | | | |
| 58 | 0.1 | 62401 | Discovery (LR) |
| 0 | 0.0 | 62402 | Defender 90 (LR) |
| 20 | 0.0 | 62421 | County LWB (RR)/County Classic (RR) |
| 24 | 0.0 | 62422 | 4.0 SE (RR)/Defender 90 (LR)/Freelander |
| 12 | 0.0 | 62423 | LR3 |
| 1 | 0.0 | 62424 | LR2 |
| 1 | 0.0 | 62498 | Other light truck |
| 6 | 0.0 | 62499 | Unknown light truck |
| 10 | 0.0 | 62999 | Unknown vehicle |
| KIA | | | |
| 76 | 0.1 | 63031 | Sephia |
| 202 | 0.2 | 63032 | Spectra |
| 117 | 0.1 | 63033 | Rio |
| 114 | 0.1 | 63034 | Optima |
| 16 | 0.0 | 63035 | Amanti |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|---------------|--|
| 12 | 0.0 | 63036 | Rondo |
| 0 | 0.0 | 63398 | Other automobile |
| 37 | 0.0 | 63399 | Unknown automobile |
| 111 | 0.1 | 63401 | Sportage |
| 94 | 0.1 | 63402 | Sorrento |
| 96 | 0.1 | 63441 | Sedona |
| 0 | 0.0 | 63498 | Other light truck |
| 4 | 0.0 | 63499 | Unknown light truck |
| 16 | 0.0 | 63999 | Unknown vehicle |
| | | DAEWOO | |
| 12 | 0.0 | 64031 | Lanos |
| 12 | 0.0 | 64032 | Nubira |
| 14 | 0.0 | 64033 | Leganza |
| 4 | 0.0 | 64399 | Unknown automobile |
| | | SMART | |
| 3 | 0.0 | 65031 | ForTwo |
| | | Other Foreign | |
| 1 | 0.0 | 69031 | Aston Martin |
| 0 | 0.0 | 69032 | Bricklin |
| 1 | 0.0 | 69033 | Citreon |
| 0 | 0.0 | 69034 | Delorean |
| 2 | 0.0 | 69035 | Ferrari |
| 0 | 0.0 | 69036 | Hillman |
| 0 | 0.0 | 69037 | Jensen |
| 1 | 0.0 | 69038 | Lamborghini |
| 0 | 0.0 | 69039 | Lotus |
| 3 | 0.0 | 69040 | Maserati |
| 0 | 0.0 | 69041 | Morris |
| 4 | 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 |
| 1 | 0.0 | 69049 | Reliant |
| 1 | 0.0 | 69052 | Bertone |
| 0 | 0.0 | 69053 | Lada |
| 68 | 0.1 | 69054 | Mini Cooper (GES years 2008-Later. Mini Cooper MAKE/MODEL=65031 in GES years 2002-2007) |
| 0 | 0.0 | 69398 | Other make |
| 0 | 0.0 | 69399 | Unknown make |
| 1 | 0.0 | 69498 | Other light truck |
| 0 | 0.0 | 69898 | Other medium/heavy truck |
| 0 | 0.0 | 69988 | Other bus |
| 0 | 0.0 | 69999 | Unknown foreign manufacturer |
| | | BSA | |
| 0 | 0.0 | 70701 | 0-50cc |
| 0 | 0.0 | 70702 | 51-124cc |
| 0 | 0.0 | 70703 | 125-349cc |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|-----------------|-------|-------|-----------------------|
| 0 | 0.0 | 70704 | 350-449cc |
| 0 | 0.0 | 70705 | 450-749cc |
| 0 | 0.0 | 70706 | 750cc & over |
| 0 | 0.0 | 70709 | Unknown cc |
| 0 | 0.0 | 70798 | Other motored cycle |
| 0 | 0.0 | 70799 | Unknown motorcycle |
| Ducati | | | |
| 0 | 0.0 | 71701 | 0-50cc |
| 0 | 0.0 | 71702 | 51-124cc |
| 0 | 0.0 | 71703 | 125-349cc |
| 0 | 0.0 | 71704 | 350-449cc |
| 3 | 0.0 | 71705 | 450-749cc |
| 12 | 0.0 | 71706 | 750cc & over |
| 10 | 0.0 | 71709 | Unknown cc |
| 0 | 0.0 | 71798 | Other motored cycle |
| 0 | 0.0 | 71799 | Unknown motorcycle |
| Harley-Davidson | | | |
| 2 | 0.0 | 72701 | 0-50cc |
| 0 | 0.0 | 72702 | 51-124cc |
| 0 | 0.0 | 72703 | 125-349cc |
| 1 | 0.0 | 72704 | 350-449cc |
| 1 | 0.0 | 72705 | 450-749cc |
| 624 | 0.6 | 72706 | 750cc & over |
| 174 | 0.2 | 72709 | Unknown cc |
| 0 | 0.0 | 72798 | Other motored cycle |
| 3 | 0.0 | 72799 | Unknown motorcycle |
| Kawasaki | | | |
| 0 | 0.0 | 73701 | 0-50cc |
| 0 | 0.0 | 73702 | 51-124cc |
| 26 | 0.0 | 73703 | 125-349cc |
| 3 | 0.0 | 73704 | 350-449cc |
| 118 | 0.1 | 73705 | 450-749cc |
| 107 | 0.1 | 73706 | 750cc & over |
| 73 | 0.1 | 73709 | Unknown cc |
| 0 | 0.0 | 73731 | ATC/ATV 0-50cc |
| 0 | 0.0 | 73732 | ATC/ATV 51-124cc |
| 1 | 0.0 | 73733 | ATC/ATV 125-349cc |
| 4 | 0.0 | 73734 | ATC/ATV 350cc & over |
| 1 | 0.0 | 73739 | ATC/ATV unknown cc |
| 0 | 0.0 | 73798 | Other motored cycle |
| 0 | 0.0 | 73799 | Unknown 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 |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|--------------------------|-------|-------|-----------------------|
| 1 | 0.0 | 74709 | Unknown cc |
| 0 | 0.0 | 74731 | ATC/ATV 0-50cc |
| 0 | 0.0 | 74732 | ATC/ATV 51-124cc |
| 0 | 0.0 | 74733 | ATC/ATV 125-349cc |
| 0 | 0.0 | 74734 | ATC/ATV 350cc & over |
| 0 | 0.0 | 74739 | ATC/ATV unknown cc |
| 0 | 0.0 | 74798 | Other motored cycle |
| 0 | 0.0 | 74799 | Unknown 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 | Unknown cc |
| 0 | 0.0 | 75798 | Other motored cycle |
| 0 | 0.0 | 75799 | Unknown motorcycle |
| Yamaha | | | |
| 3 | 0.0 | 76701 | 0-50cc |
| 4 | 0.0 | 76702 | 51-124cc |
| 17 | 0.0 | 76703 | 125-349cc |
| 2 | 0.0 | 76704 | 350-449cc |
| 127 | 0.1 | 76705 | 450-749cc |
| 110 | 0.1 | 76706 | 750cc & over |
| 85 | 0.1 | 76709 | Unknown cc |
| 0 | 0.0 | 76731 | ATC/ATV 0-50cc |
| 0 | 0.0 | 76732 | ATC/ATV 51-124cc |
| 6 | 0.0 | 76733 | ATC/ATV 125-349cc |
| 8 | 0.0 | 76734 | ATC/ATV 350cc & over |
| 13 | 0.0 | 76739 | ATC/ATV unknown cc |
| 22 | 0.0 | 76798 | Oth motored cycle |
| 6 | 0.0 | 76799 | Unknown motorcycle |
| 3 | 0.0 | 76998 | Other vehicle |
| Other Make Moped | | | |
| 1 | 0.0 | 78701 | 0-50cc |
| 0 | 0.0 | 78702 | 51-124cc |
| 61 | 0.1 | 78709 | Unknown cc |
| 7 | 0.0 | 78798 | Oth motored cycle |
| 6 | 0.0 | 78799 | Unknown motorcycle |
| Other Make Motored Cycle | | | |
| 1 | 0.0 | 79701 | 0-50cc |
| 2 | 0.0 | 79702 | 51-124cc |
| 2 | 0.0 | 79703 | 125-349cc |
| 0 | 0.0 | 79704 | 350-449cc |
| 4 | 0.0 | 79705 | 450-749cc |
| 25 | 0.0 | 79706 | 750cc & over |
| 92 | 0.1 | 79709 | Unknown cc |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|--------------------|-------|-------|---------------------------------------|
| 0 | 0.0 | 79731 | ATC/ATV 0-50cc |
| 0 | 0.0 | 79732 | ATC/ATV 51-124cc |
| 0 | 0.0 | 79733 | ATC/ATV 125-349cc |
| 5 | 0.0 | 79734 | ATC/ATV 350cc & over |
| 17 | 0.0 | 79739 | ATC/ATV unknown cc |
| 67 | 0.1 | 79798 | Other motored cycle |
| 28 | 0.0 | 79799 | Unknown motorcycle |
| Brockway | | | |
| 0 | 0.0 | 80850 | Medium/Heavy 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 Unknown engine location |
| 0 | 0.0 | 80890 | Med/Hvy COE Unknown entry position |
| 0 | 0.0 | 80898 | Other med/hvy trk |
| 0 | 0.0 | 80899 | Unknown medium/heavy truck |
| 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 |
| 0 | 0.0 | 81884 | Med/Hvy Unknown engine location |
| 0 | 0.0 | 81890 | Med/Hvy COE Unknown entry position |
| 0 | 0.0 | 81898 | Other medium/heavy truck |
| 0 | 0.0 | 81899 | Unknown medium/heavy truck |
| Freightliner/White | | | |
| 7 | 0.0 | 82461 | Sprinter/Advantage |
| 2 | 0.0 | 82470 | M-Line Walk in van |
| 0 | 0.0 | 82498 | Other light truck |
| 1 | 0.0 | 82499 | Unknown light truck |
| 5 | 0.0 | 82850 | M/H truck-based motorhome |
| 1441 | 1.5 | 82881 | Medium/Hvy CBE |
| 10 | 0.0 | 82882 | Medium/Hvy COE low entry |
| 22 | 0.0 | 82883 | Medium/Hvy COE high entry |
| 334 | 0.3 | 82884 | Medium/Hvy Unknown engine location |
| 16 | 0.0 | 82890 | Medium/Hvy COE Unknown entry position |
| 3 | 0.0 | 82898 | Other medium/hvy trk |
| 20 | 0.0 | 82899 | Unknown medium/hvy trk |
| 2 | 0.0 | 82981 | Bus conventional engine out front |
| 1 | 0.0 | 82983 | Bus flat front, rear engine |
| 17 | 0.0 | 82988 | Other bus |
| 3 | 0.0 | 82989 | Unknown bus type |
| FWD | | | |
| 0 | 0.0 | 83850 | M/H truck-based motorhome |
| 0 | 0.0 | 83881 | Med/Hvy CBE |
| 0 | 0.0 | 83882 | Med/Hvy COE low entry |
| 0 | 0.0 | 83883 | Med/Hvy COE high entry |
| 0 | 0.0 | 83884 | Med/Hvy Unknown engine location |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|----------------------------------|-------|-------|---|
| 0 | 0.0 | 83890 | Med/Hvy COE Unknown entry position |
| 0 | 0.0 | 83898 | Other medium/heavy truck |
| 0 | 0.0 | 83899 | Unknown medium/heavy truck |
| International Harvester/Navistar | | | |
| 1 | 0.0 | 84421 | Scout |
| 0 | 0.0 | 84431 | Travelall |
| 0 | 0.0 | 84466 | Multistep Van |
| 0 | 0.0 | 84481 | Pickup |
| 1 | 0.0 | 84498 | Other lt trk |
| 0 | 0.0 | 84499 | Unknown light truck |
| 0 | 0.0 | 84850 | M/H truck-based motorhome |
| 921 | 1.0 | 84881 | Medium/Heavy CBE |
| 6 | 0.0 | 84882 | Medium/Heavy COE low entry |
| 9 | 0.0 | 84883 | Medium/Heavy COE high entry |
| 365 | 0.4 | 84884 | Medium/Heavy unknown engine location |
| 9 | 0.0 | 84890 | Medium/Heavy COE unknown entry position |
| 1 | 0.0 | 84898 | Other medium/heavy truck |
| 29 | 0.0 | 84899 | Unknown medium/heavy truck |
| 0 | 0.0 | 84950 | Bus-based motorhome |
| 28 | 0.0 | 84981 | Conventional bus |
| 2 | 0.0 | 84982 | Bus-flat front, front engine |
| 0 | 0.0 | 84983 | Bus-flat front, rear engine |
| 74 | 0.1 | 84988 | Other bus |
| 3 | 0.0 | 84989 | Unknown bus type |
| 1 | 0.0 | 84998 | Other vehicle |
| 0 | 0.0 | 84999 | Unknown vehicle |
| Kenworth | | | |
| 1 | 0.0 | 85850 | M/H truck-based motorhome |
| 600 | 0.6 | 85881 | Med/Hvy CBE |
| 1 | 0.0 | 85882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 85883 | Medium/Heavy COE high entry |
| 94 | 0.1 | 85884 | Medium/Heavy Unknown engine location |
| 4 | 0.0 | 85890 | Medium/Heavy COE Unknown entry position |
| 0 | 0.0 | 85898 | Other medium/heavy truck |
| 1 | 0.0 | 85899 | Unknown medium/heavy truck |
| Mack | | | |
| 0 | 0.0 | 86850 | M/H truck-based motorhome |
| 275 | 0.3 | 86881 | Medium/Heavy CBE |
| 35 | 0.0 | 86882 | Medium/Heavy COE low entry |
| 1 | 0.0 | 86883 | Medium/Heavy COE high entry |
| 247 | 0.3 | 86884 | Medium/Heavy Unknown engine location |
| 9 | 0.0 | 86890 | Medium/Heavy COE Unknown entry position |
| 0 | 0.0 | 86898 | Other medium/heavy truck |
| 11 | 0.0 | 86899 | Unknown medium/heavy truck |
| Peterbilt | | | |
| 0 | 0.0 | 87850 | M/H truck-based motorhome |
| 659 | 0.7 | 87881 | Medium/Heavy CBE |
| 4 | 0.0 | 87882 | Medium/Heavy COE low entry |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------------|-------|-------|---|
| 2 | 0.0 | 87883 | Medium/Heavy COE high entry |
| 99 | 0.1 | 87884 | Medium/Heavy Unknown engine location |
| 7 | 0.0 | 87890 | Medium/Heavy COE Unknown entry position |
| 0 | 0.0 | 87898 | Other medium/heavy truck |
| 0 | 0.0 | 87899 | Unknown medium/heavy truck |
| Iveco/Magirus | | | |
| 0 | 0.0 | 88850 | Medium/Heavy truck-based motorhome |
| 0 | 0.0 | 88881 | Medium/Heavy CBE |
| 0 | 0.0 | 88882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 88883 | Medium/Heavy COE high entry |
| 0 | 0.0 | 88884 | Medium/Heavy Unknown engine location |
| 0 | 0.0 | 88890 | Medium/Heavy COE Unknown entry position |
| 0 | 0.0 | 88898 | Other medium/heavy truck |
| 0 | 0.0 | 88899 | Unknown medium/heavy truck |
| Other Make | | | |
| 8 | 0.0 | 98801 | AUTOCAR |
| 0 | 0.0 | 98802 | AUTO-UNION-DKW |
| 0 | 0.0 | 98803 | DIVCO |
| 57 | 0.1 | 98804 | WESTERN STAR |
| 5 | 0.0 | 98805 | OSHKOSH |
| 62 | 0.1 | 98806 | HINO |
| 0 | 0.0 | 98807 | SCANIA |
| 207 | 0.2 | 98808 | Sterling trucks |
| 3 | 0.0 | 98850 | Medium/Heavy truck-based motorhome |
| 94 | 0.1 | 98898 | Other medium/heavy truck |
| 1 | 0.0 | 98902 | Bus NEOPLAN |
| 1 | 0.0 | 98950 | Bus-based motorhome |
| 252 | 0.3 | 98988 | Other bus |
| 60 | 0.1 | 98998 | Other vehicle |
| 0 | 0.0 | 98999 | Unknown vehicle |
| Unknown Make | | | |
| 432 | 0.4 | 99399 | Unknown automobile |
| 342 | 0.4 | 99499 | Unknown light truck |
| 0 | 0.0 | 99701 | Motorcycle 0-50cc |
| 0 | 0.0 | 99702 | Motorcycle 51-124cc |
| 0 | 0.0 | 99703 | Motorcycle 125-349cc |
| 0 | 0.0 | 99704 | Motorcycle 350-449cc |
| 0 | 0.0 | 99705 | Motorcycle 450-749cc |
| 0 | 0.0 | 99706 | Motorcycle 750cc & over |
| 0 | 0.0 | 99709 | Unknown cc |
| 0 | 0.0 | 99731 | ATC/ATV 0-50cc |
| 0 | 0.0 | 99732 | ATC/ATV 51-124cc |
| 0 | 0.0 | 99733 | ATC/ATV 125-349cc |
| 0 | 0.0 | 99734 | ATC/ATV 350-449cc |
| 0 | 0.0 | 99739 | ATC/ATV unknown cc |
| 0 | 0.0 | 99798 | Other motored cycle |
| 64 | 0.1 | 99799 | Unknown motored cycle |
| 0 | 0.0 | 99850 | Medium/Heavy truck-based motorhome |
| 0 | 0.0 | 99881 | Medium/Heavy CBE |

Variable 106:MAKE/MODEL (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|---|
| 0 | 0.0 | 99882 | Medium/Heavy COE low entry |
| 0 | 0.0 | 99883 | Medium/Heavy COE high entry |
| 0 | 0.0 | 99884 | Medium/Heavy unknown engine location |
| 0 | 0.0 | 99890 | Medium/Heavy COE unknown entry position |
| 0 | 0.0 | 99898 | Other medium/heavy trk |
| 369 | 0.4 | 99899 | Unknown medium/heavy truck |
| 0 | 0.0 | 99950 | Bus-based Motorhome |
| 0 | 0.0 | 99981 | Conventional bus |
| 0 | 0.0 | 99982 | Bus-flat front, front engine |
| 0 | 0.0 | 99983 | Bus-flat front, rear engine |
| 5 | 0.0 | 99988 | Other bus |
| 17 | 0.0 | 99989 | Unknown bus type |
| 0 | 0.0 | 99998 | Other vehicle |
| 1154 | 1.2 | 99999 | Unknown vehicle |

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

NHTSA SAS Variable - MODEL_YR

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 1 | 0.0 | 1900 | 1900 |
| | | - | |
| 3489 | 3.6 | 1995 | 1995 |
| 3581 | 3.7 | 1996 | 1996 |
| 4397 | 4.6 | 1997 | 1997 |
| 4901 | 5.1 | 1998 | 1998 |
| 5787 | 6.0 | 1999 | 1999 |
| 6628 | 6.9 | 2000 | 2000 |
| 6296 | 6.5 | 2001 | 2001 |
| 6605 | 6.8 | 2002 | 2002 |
| 6694 | 6.9 | 2003 | 2003 |
| 6625 | 6.9 | 2004 | 2004 |
| 6971 | 7.2 | 2005 | 2005 |
| 6876 | 7.1 | 2006 | 2006 |
| 7557 | 7.8 | 2007 | 2007 |
| 4628 | 4.8 | 2008 | 2008 |
| 466 | 0.5 | 2009 | 2009 |
| 3060 | 3.2 | 9999 | Unknown |

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

NHTSA SAS Variable - BODY_TYP

Variable 108:BODY TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|--|
| Automobiles | | | |
| 903 | 0.9 | 1 | Convertible (excludes sun roof, t-bar) |
| 5311 | 5.5 | 2 | 2-door sedan, hardtop, coupe |
| 1451 | 1.5 | 3 | 3-door/2-door hatchback |
| 31873 | 33.0 | 4 | 4-door sedan, hardtop |
| 595 | 0.6 | 5 | 5-door/4-door hatchback |
| 2090 | 2.2 | 6 | Station wagon (excluding van and truck based) |
| 8 | 0.0 | 7 | Hatchback, number of doors unknown |
| 9 | 0.0 | 8 | Other automobile type |
| 6894 | 7.1 | 9 | Unknown automobile type |
| Automobile Derivatives | | | |
| 13 | 0.0 | 10 | Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit Pickup) |
| 4 | 0.0 | 11 | Auto-based panel (cargo station wagon, auto-based ambulance/hearse) |
| 11 | 0.0 | 12 | Large limousine (more than four side doors or stretched chassis) |
| 0 | 0.0 | 13 | Three wheeled automobile or automobile derivative |
| Utility Vehicles | | | |
| 11033 | 11.4 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [post-'84], Dispatcher, Raider Bronco II, Bronco [pre '77], Explorer, S-10 Blazer, etc.) |
| 3002 | 3.1 | 15 | Large utility (Jeep Cherokee 83 and before, Ramcharger, Trailduster; Full-size Bronco [post-'78], Blazer, & Jimmy; Hummer, Land Cruiser, Rover, Scout, Yukon, Expedition, Navigator, etc.) |
| 530 | 0.5 | 16 | Utility station wagon (Chevrolet Suburban, GMC Suburban, Travelall, Grand Wagoneer, and Suburban limousine) |
| 179 | 0.2 | 17 | 3-door coupe (passenger car, added in 1999) |
| 273 | 0.3 | 19 | Utility vehicle, unknown body type |
| Van-Based Light Trucks (<=4,536 kg GVWR) | | | |
| 4113 | 4.3 | 20 | Minivan (Chrysler Town & Country, Astro, Caravan, Grand Caravan, Plymouth Vista, Aerostar, Safari, Voyager, Mini-Ram, Dodge/Plymouth Vista, Toyota Van/Cargo Van, Vanagon, VW Bus, etc.) |
| 950 | 1.0 | 21 | Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, Ram Van, Chateau, E150-E350, G10-G30, Ram Wagon, Vandura, Rally Voyager (pre-1983), Beauville, Sportsman, B150-B350, etc.) |
| 20 | 0.0 | 22 | Step van or walk-in van (<=4,536 kg GVWR) |
| 5 | 0.0 | 23 | Van-based motorhome |
| 13 | 0.0 | 24 | Van-based school bus (added in 1993) |
| 78 | 0.1 | 25 | Van-based other bus (added in 1993) |
| 205 | 0.2 | 28 | Other van type (Hi-Cube, Kary) |
| 322 | 0.3 | 29 | Unknown van type |
| Light Conventional Trucks (pickup style cab, <=4,536 kg GVWR) | | | |

Variable 108:BODY TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|--|
| 3657 | 3.8 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, LUV, Ram 50&100, Rampage, Courier, Ranger, Pup, Mazda PU, Mitsubishi Truck, Datsun/Nissan PU, Arrow PU(foreign), Scamp, Toyota PU, VW PU, D50, Colt, etc.) |
| 7935 | 8.2 | 31 | Large/standard pickup (Jeep Pickup, Comanche, Ram Pickup, Silverado, Sierra, K10-K35, D100-D350, W100-W350, F100-F350, R100-R500, R10-R35, V10-V35, T100) |
| 3 | 0.0 | 32 | Pickup with slide-in camper |
| 0 | 0.0 | 33 | Convertible pickup |
| 744 | 0.8 | 39 | Unknown (pickup style) light conventional truck |
| Other Light Trucks (<=4,536 kg GVWR) | | | |
| 101 | 0.1 | 40 | Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck) |
| 0 | 0.0 | 41 | Truck-based panel |
| 0 | 0.0 | 42 | Light truck-based motorhome (chassis mounted) |
| 12 | 0.0 | 45 | Other light truck type |
| 421 | 0.4 | 48 | Unknown light truck type (utility, van, pickup, or other light truck) |
| 1630 | 1.7 | 49 | Unknown light vehicle type (automobile, utility, van, or light truck) |
| Buses (excludes van-based) | | | |
| 188 | 0.2 | 50 | School bus type (designed to carry students, not cross country or transit) |
| 248 | 0.3 | 58 | Other bus type (transit, intercity, bus-based motorhome) |
| 22 | 0.0 | 59 | Unknown bus type |
| Medium/Heavy Trucks (>4,536 kg GVWR) | | | |
| 50 | 0.1 | 60 | Step Van |
| 2648 | 2.7 | 64 | Single unit straight truck |
| 24 | 0.0 | 65 | Medium/heavy truck-based motorhome |
| 4497 | 4.7 | 66 | Truck-tractor (cab only, or with any number of trailing units; any weight) |
| 395 | 0.4 | 78 | Unknown medium/heavy truck type |
| 56 | 0.1 | 79 | Unknown truck type (light/medium/heavy) |
| Motored Cycles (does not include all terrain vehicles/cycles) | | | |
| 2774 | 2.9 | 80 | Motorcycle |
| 83 | 0.1 | 81 | Moped (motorized bicycle) |
| 6 | 0.0 | 82 | Three wheeled motorcycle or moped |
| 138 | 0.1 | 88 | Other motored cycle type (minibike, motorscooter) |
| 31 | 0.0 | 89 | Unknown motored cycle type |
| Other Vehicles | | | |
| 98 | 0.1 | 90 | ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle) |
| 7 | 0.0 | 91 | Snowmobile |
| 27 | 0.0 | 92 | Farm equipment other than trucks |
| 15 | 0.0 | 93 | Construction equipment other than trucks (includes graders) |

Variable 108:BODY TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 17 | 0.0 | 97 | Other type vehicle (includes go-cart, fork lift, city street sweeper) |
| 834 | 0.9 | 99 | Unknown body type |

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

NHTSA SAS Variable - CARG_TYP

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79) |
| 87608 | 90.7 | 0 | Not applicable |
| 464 | 0.5 | 1 | Bus |
| 2423 | 2.5 | 2 | Van/enclosed box |
| 280 | 0.3 | 3 | Cargo tank |
| 692 | 0.7 | 4 | Flatbed |
| 646 | 0.7 | 5 | Dump |
| 74 | 0.1 | 6 | Concrete mixer |
| 103 | 0.1 | 7 | Auto transporter |
| 241 | 0.2 | 8 | Garbage/refuse |
| 420 | 0.4 | 98 | Other |
| 3595 | 3.7 | 99 | Unknown cargo body type |

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

NHTSA SAS Variable - AXLES

Number of axles on vehicle, including trailers

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79) |
| 87608 | 90.7 | 0 | Not applicable |
| 0 | 0.0 | 1 | 1 axle |
| 1424 | 1.5 | 2 | 2 axles |
| 1012 | 1.0 | 3 | 3 axles |
| 181 | 0.2 | 4 | 4 axles |
| 1503 | 1.6 | 5 | 5 axles |
| 101 | 0.1 | 6 | 6 axles |
| 39 | 0.0 | 7 | 7 axles |
| 24 | 0.0 | 8 | 8 axles |
| | | - | |
| 1 | 0.0 | 18 | 18 axles |
| 4604 | 4.8 | 99 | Unknown |

| | | | |
|---------------------|------------|-----------|------------------|
| <u>Variable 111</u> | <u>VIN</u> | Width: 11 | Type: Alphabetic |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VIN

| | | | |
|---------------------|--------------------|-----------|---------------|
| <u>Variable 112</u> | <u>SPECIAL USE</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - SPEC_USE

Vehicle special use (this trip)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|----------------------------|
| 94656 | 98.0 | 0 | No special use |
| 52 | 0.1 | 1 | Taxi |
| 205 | 0.2 | 2 | Vehicle used as school bus |
| 327 | 0.3 | 3 | Vehicle used as other bus |
| 7 | 0.0 | 4 | Military |
| 284 | 0.3 | 5 | Police |
| 68 | 0.1 | 6 | Ambulance |
| 42 | 0.0 | 7 | Fire truck and car |
| 0 | 0.0 | 10 | Hearse |
| 27 | 0.0 | 11 | Farm equipment |
| 15 | 0.0 | 12 | Construction equipment |
| 863 | 0.9 | 99 | Unknown |

| | | | |
|---------------------|--------------------------------|-----------|---------------|
| <u>Variable 113</u> | <u>HAZ MATERIAL PLACARD NO</u> | Width: 5 | Type: Numeric |
| | | Dec: None | Miss: 9999 |

NHTSA SAS Variable - HAZM_NO

Hazardous materials placard number

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for buses and trucks over 4,500 kg GVWR (V112 = 50-79) |
| 93539 | 96.9 | 0 | Not applicable |
| 1 | 0.0 | 1046 | - Placard number |
| 1 | 0.0 | 6758 | |
| 2920 | 3.0 | 9999 | Unknown |

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

NHTSA SAS Variable - HAZ_MAT

Hazardous materials placarded

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79) |
| 93534 | 96.9 | 0 | Not applicable |
| 127 | 0.1 | 1 | Yes |
| 5 | 0.0 | 2 | No |
| 2880 | 3.0 | 9 | Unknown |

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

NHTSA SAS Variable - HAZ_MA_R

Hazardous materials release

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79) |
| 93534 | 96.9 | 0 | Not applicable |
| 32 | 0.0 | 1 | Yes |
| 220 | 0.2 | 2 | No |
| 2760 | 2.9 | 9 | Unknown |

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

NHTSA SAS Variable - EMCY_USE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96305 | 99.8 | 0 | No emergency use or not an applicable vehicle |
| 194 | 0.2 | 1 | Yes |
| 47 | 0.0 | 9 | Unknown |

| | | | |
|--------------|---------------------|-----------|---------------|
| Variable 117 | CARRIER'S ID NUMBER | Width: 9 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - CARIDNUM

Carrier's identification number

Variable 117: CARRIER'S ID NUMBER (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-----------|--|
| | | | Coded for buses and trucks over 4,500 kg GVWR (V110 = 50-79) |
| | | 0 | Not applicable |
| | | 1 | |
| | | - | U.S. DOT or ICC MC number |
| | | 999999998 | |
| | | 999999999 | Unknown |

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

NHTSA SAS Variable - NUMOCCS

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 247 | 0.3 | 0 | 0 occupants involved |
| 72635 | 75.2 | 1 | 1 occupant involved |
| 15817 | 16.4 | 2 | 2 occupants involved |
| 4766 | 4.9 | 3 | 3 occupants involved |
| 2013 | 2.1 | 4 | 4 occupants involved |
| 720 | 0.7 | 5 | 5 occupants involved |
| | | - | |
| 3 | 0.0 | 49 | 49 occupants involved |

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

NHTSA SAS Variable - OCC_INVL

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------------------|
| 247 | 0.3 | 0 | 0 occupants |
| 65526 | 67.9 | 1 | |
| | | - | Actual number of occupants |
| 1 | 0.0 | 61 | |
| 5961 | 6.2 | 99 | Unknown number of occupants coded |

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

NHTSA SAS Variable - SPEED

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------------|
| 12067 | 12.5 | 0 | Stopped vehicle |
| 100 | 0.1 | 1 | - Actual travel speed (MPH) |
| 1 | 0.0 | 135 | |
| 55548 | 57.5 | 999 | Unknown |

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

NHTSA SAS Variable - TRAILER

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------------------|
| 90983 | 94.2 | 1 | No trailing units |
| 4884 | 5.1 | 2 | Yes, one trailing unit |
| 163 | 0.2 | 3 | Yes, two trailing units |
| 3 | 0.0 | 4 | Yes, three or more trailing units |
| 39 | 0.0 | 5 | Yes, number of trailing units unknown |
| 474 | 0.5 | 6 | Unknown |

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

NHTSA SAS Variable - JACKKNIFE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------|
| 96296 | 99.7 | 0 | No jackknife noted on PAR |
| 250 | 0.3 | 1 | Jackknife occurred |

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

NHTSA SAS Variable - ROLLOVER

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------------|
| 91950 | 95.2 | 0 | No rollover |
| 79 | 0.1 | 10 | Untripped rollover |
| 110 | 0.1 | 20 | Tripped rollover - by curb |
| 116 | 0.1 | 21 | Tripped rollover - by guardrail |
| 821 | 0.9 | 22 | Tripped rollover - by ditch |
| 41 | 0.0 | 23 | Tripped rollover - by soft soil |

Variable 123:ROLLOVER (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 965 | 1.0 | 28 | Tripped rollover - other |
| 211 | 0.2 | 29 | Tripped rollover - unknown mechanism |
| 2253 | 2.3 | 99 | Rollover, unknown whether untripped or tripped |

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

NHTSA SAS Variable - FIRE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--------------------------|
| 96334 | 99.8 | 0 | No fire noted on PAR |
| 212 | 0.2 | 1 | Fire occurred in vehicle |

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

NHTSA SAS Variable - IMPACT

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--------------------------------------|
| 3000 | 3.1 | 0 | No damage or noncollision |
| 44198 | 45.8 | 1 | Front |
| 14021 | 14.5 | 2 | Right side |
| 14486 | 15.0 | 3 | Left side |
| 17372 | 18.0 | 4 | Back |
| 98 | 0.1 | 5 | Top |
| 411 | 0.4 | 6 | Undercarriage |
| 538 | 0.6 | 11 | Front right corner |
| 591 | 0.6 | 12 | Front left corner |
| 64 | 0.1 | 13 | Back right corner |
| 66 | 0.1 | 14 | Back left corner |
| 133 | 0.1 | 15 | Object set in motion by this vehicle |
| 1568 | 1.6 | 99 | Initial point of impact unknown |

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

NHTSA SAS Variable - DAM_AREA

Damage for areas 1-5 listed in ascending numerical order

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 2360 | 2.4 | 0 | No damage |
| 56867 | 58.9 | 1 | Front |

Variable 126:DAMAGE AREA #1 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 12410 | 12.9 | 2 | Right side |
| 10272 | 10.6 | 3 | Left side |
| 9829 | 10.2 | 4 | Back |
| 309 | 0.3 | 5 | Top |
| 233 | 0.2 | 6 | Undercarriage |
| 1243 | 1.3 | 7 | All areas damaged |
| 3023 | 3.1 | 9 | Unknown damage areas |

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

NHTSA SAS Variable - DAM_AREA2

Damage for areas 1-5 listed in ascending numerical order

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 43567 | 45.1 | 0 | No damage |
| 0 | 0.0 | 1 | Front |
| 23983 | 24.8 | 2 | Right side |
| 14114 | 14.6 | 3 | Left side |
| 7297 | 7.6 | 4 | Back |
| 971 | 1.0 | 5 | Top |
| 666 | 0.7 | 6 | Undercarriage |
| 0 | 0.0 | 7 | All areas damaged |
| 5948 | 6.2 | 9 | Unknown damage areas |

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

NHTSA SAS Variable - DAM_AREA3

Damage for areas 1-5 listed in ascending numerical order

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 71243 | 73.8 | 0 | No damage |
| 0 | 0.0 | 1 | Front |
| 0 | 0.0 | 2 | Right side |
| 12841 | 13.3 | 3 | Left side |
| 3403 | 3.5 | 4 | Back |
| 770 | 0.8 | 5 | Top |
| 722 | 0.7 | 6 | Undercarriage |
| 0 | 0.0 | 7 | All areas damaged |
| 7567 | 7.8 | 9 | Unknown damage areas |

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

NHTSA SAS Variable - DAM_AREA4

Damage for areas 1-5 listed in ascending numerical order

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|----------------------|
| 84598 | 87.6 | 0 | No damage |
| 0 | 0.0 | 1 | Front |
| 0 | 0.0 | 2 | Right side |
| 0 | 0.0 | 3 | Left side |
| 2296 | 2.4 | 4 | Back |
| 720 | 0.7 | 5 | Top |
| 646 | 0.7 | 6 | Undercarriage |
| 0 | 0.0 | 7 | All areas damaged |
| 8286 | 8.6 | 9 | Unknown damage areas |

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

NHTSA SAS Variable - DAM_AREA5

Damage for areas 1-5 listed in ascending numerical order

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|----------------------|
| 87352 | 90.5 | 0 | No damage |
| 0 | 0.0 | 1 | Front |
| 0 | 0.0 | 2 | Right side |
| 0 | 0.0 | 3 | Left side |
| 0 | 0.0 | 4 | Back |
| 446 | 0.5 | 5 | Top |
| 258 | 0.3 | 6 | Undercarriage |
| 0 | 0.0 | 7 | All areas damaged |
| 8490 | 8.8 | 9 | Unknown damage areas |

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

NHTSA SAS Variable - VEH_SEV

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|--------------------------------------|
| 2345 | 2.4 | 0 | None |
| 17980 | 18.6 | 1 | Minor (and not towed due to damage) |
| 17729 | 18.4 | 2 | Moderate (functional from 1988-2003) |
| 28521 | 29.5 | 3 | Severe (disabling from 1988-2003) |
| 29971 | 31.0 | 9 | Unknown |

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

NHTSA SAS Variable - TOWED

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------|
| 46896 | 48.6 | 1 | Driven away |
| 44858 | 46.5 | 2 | Towed due to damage |
| 4284 | 4.4 | 3 | Towed not due to damage |
| 320 | 0.3 | 4 | Abandoned |
| 188 | 0.2 | 9 | Unknown if towed |

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

NHTSA SAS Variable - V_EVENT

| 22May09 | Prcnt | Code | Value and Description |
|---------------------------------|-------|------|--|
| Noncollision | | | |
| 4684 | 4.9 | 1 | Rollover/overturn |
| 78 | 0.1 | 2 | Fire/explosion |
| 22 | 0.0 | 3 | Immersion |
| 0 | 0.0 | 4 | Gas inhalation |
| 74 | 0.1 | 5 | Jackknife |
| 98 | 0.1 | 6 | Noncollision injury (injured in or fell from vehicle) |
| 29 | 0.0 | 7 | Pavement surface irregularity (ruts, potholes, grates, etc.) |
| 117 | 0.1 | 8 | Other noncollision (excludes objects set in motion by an in-transport motor vehicle) |
| 3 | 0.0 | 9 | Noncollision - no details |
| 21 | 0.0 | 10 | Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle) |
| Collision with Object Not Fixed | | | |
| 1998 | 2.1 | 21 | Pedestrian |
| 1572 | 1.6 | 22 | Cycle or cyclist (pedalcycle or pedalcyclist) |
| 26 | 0.0 | 23 | Railway train |
| 1371 | 1.4 | 24 | Animal |
| 73865 | 76.5 | 25 | Motor vehicle in transport |
| 1976 | 2.0 | 26 | Parked motor vehicle (or other mv not in transport) |
| 108 | 0.1 | 27 | Other type nonmotorist (includes motorized wheelchairs) |
| 333 | 0.3 | 28 | Other object not fixed |
| 7 | 0.0 | 29 | Object not fixed - no details |
| Collision with Fixed Object | | | |
| 17 | 0.0 | 31 | Ground |
| 209 | 0.2 | 32 | Building |
| 36 | 0.0 | 33 | Impact attenuator or crash cushion |
| 194 | 0.2 | 34 | Bridge structure (bridge pier/abutment/parapet end/rail) |
| 1120 | 1.2 | 35 | Guardrail |
| 1118 | 1.2 | 36 | Concrete traffic barrier or other longitudinal barrier type |

Variable 133: MOST HARMFUL EVENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 2131 | 2.2 | 37 | Sign post, utility pole or other support |
| 990 | 1.0 | 38 | Culvert or ditch |
| 424 | 0.4 | 39 | Curb |
| 401 | 0.4 | 40 | Embankment |
| 427 | 0.4 | 41 | Fence |
| 154 | 0.2 | 42 | Wall |
| 99 | 0.1 | 43 | Fire hydrant |
| 53 | 0.1 | 44 | Shrubbery or bush |
| 2036 | 2.1 | 45 | Tree |
| 77 | 0.1 | 46 | Boulder |
| 573 | 0.6 | 58 | Other fixed object |
| 23 | 0.0 | 59 | Fixed object - no details |
| 82 | 0.1 | 99 | Unknown most harmful event |

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

NHTSA SAS Variable - MHENUM

Most harmful event number

Indicates the event which produced the most severe injury or property damage for the vehicle "may be used to identify the specific event in the event file"

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 0 | 0.0 | 0 | None |
| 85950 | 89.0 | 1 | - Actual event number |
| 1 | 0.0 | 19 | |

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

NHTSA SAS Variable - P_CRASH1

Movement prior to critical event (Precrash 1)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|------------------------------|
| 265 | 0.3 | 0 | No driver present |
| 51305 | 53.1 | 1 | Going straight |
| 5124 | 5.3 | 2 | Decelerating in traffic lane |
| 190 | 0.2 | 3 | Accelerating in traffic lane |
| 1914 | 2.0 | 4 | Starting in traffic lane |
| 11309 | 11.7 | 5 | Stopped in traffic lane |

Variable 135:PRIOR TO CRITICAL EVENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 915 | 0.9 | 6 | Passing or overtaking another vehicle |
| 138 | 0.1 | 7 | Disabled or parked in travel lane |
| 293 | 0.3 | 8 | Leaving a parked position |
| 124 | 0.1 | 9 | Entering a parked position |
| 3310 | 3.4 | 10 | Turning right |
| 9750 | 10.1 | 11 | Turning left |
| 483 | 0.5 | 12 | Making a U-turn |
| 982 | 1.0 | 13 | Backing up (other than for parking position/purposes) |
| 5115 | 5.3 | 14 | Negotiating a curve |
| 2881 | 3.0 | 15 | Changing lanes |
| 331 | 0.3 | 16 | Merging |
| 24 | 0.0 | 17 | Successful corrective action/avoidance maneuver to a previous critical event |
| 311 | 0.3 | 97 | Other |
| 1782 | 1.8 | 99 | Unknown |

| Variable 136 | CRITICAL EVENT | Width: 2 | Type: Numeric |
|--------------|----------------|-----------|---------------|
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - P_CRASH2

Critical event (Precrash 2)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 0 | 0.0 | 0 | Not applicable/no collision |
| | | | This Vehicle Loss of Control Due To: |
| 283 | 0.3 | 1 | Blow out or flat tire |
| 20 | 0.0 | 2 | Stalled engine |
| 264 | 0.3 | 3 | Disabling vehicle failure (e.g. wheel fell off) |
| 80 | 0.1 | 4 | Non-disabling (minor) vehicle problem (e.g. hood flew up) |
| 706 | 0.7 | 5 | Poor road conditions (puddle, pothole, ice, etc.) |
| 4892 | 5.1 | 6 | Traveling too fast for conditions (excessive speed) |
| 1246 | 1.3 | 8 | Other cause of control loss |
| 817 | 0.8 | 9 | Unknown cause of control loss |
| | | | This Vehicle Traveling: |
| 3603 | 3.7 | 10 | Over the lane line on left side of travel lane |
| 2693 | 2.8 | 11 | Over the lane line on right side of travel lane |
| 1680 | 1.7 | 12 | Off the edge of the road on the left side |
| 2845 | 2.9 | 13 | Off the edge of the road on the right side |
| 221 | 0.2 | 14 | End departure |
| 6929 | 7.2 | 15 | Turning left at intersection |
| 1275 | 1.3 | 16 | Turning right at intersection |
| 5586 | 5.8 | 17 | Crossing over (passing through) intersection |
| 1662 | 1.7 | 18 | This vehicle decelerating |
| 445 | 0.5 | 19 | Unknown travel direction |

Variable 136:CRITICAL EVENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|---|
| Other Motor Vehicle in Lane: | | | |
| 7646 | 7.9 | 50 | Other vehicle stopped |
| 1619 | 1.7 | 51 | Traveling in same direction with lower steady speed |
| 4353 | 4.5 | 52 | Traveling in same direction while decelerating |
| 13425 | 13.9 | 53 | Traveling in same direction with higher speed |
| 397 | 0.4 | 54 | Traveling in opposite direction |
| 6 | 0.0 | 55 | In crossover |
| 422 | 0.4 | 56 | Backing |
| 354 | 0.4 | 59 | Unknown travel direction of the other motor vehicle in lane |
| Another Vehicle Encroaching into This Vehicle's Lane: | | | |
| 3352 | 3.5 | 60 | From adjacent lane (same direction) - over left lane line |
| 3230 | 3.3 | 61 | From adjacent lane (same direction) - over right lane line |
| 5959 | 6.2 | 62 | From opposite direction over left lane line |
| 224 | 0.2 | 63 | From opposite direction over right lane line |
| 187 | 0.2 | 64 | From parallel/diagonal parking lane |
| 906 | 0.9 | 65 | From crossing street, turning into same direction |
| 4967 | 5.1 | 66 | From crossing street, straight across path |
| 1837 | 1.9 | 67 | From crossing street, turning into opposite direction |
| 150 | 0.2 | 68 | From crossing street, intended path unknown |
| 479 | 0.5 | 70 | From driveway, alley access, etc. - turning into same direction |
| 164 | 0.2 | 71 | From driveway, alley access, etc. - straight across path |
| 795 | 0.8 | 72 | From driveway, alley access, etc. - turning into opposite direction |
| 268 | 0.3 | 73 | From driveway, alley access, etc. - intended path unknown |
| 157 | 0.2 | 74 | From entrance to limited access highway |
| 306 | 0.3 | 78 | Encroachment by other vehicle - details unknown |
| Pedestrian, Pedalcyclist or Other Nonmotorist: | | | |
| 1633 | 1.7 | 80 | Pedestrian in roadway |
| 5 | 0.0 | 81 | Pedestrian approaching roadway |
| 9 | 0.0 | 82 | Pedestrian unknown location |
| 1132 | 1.2 | 83 | Pedalcyclist/other nonmotorist in roadway |
| 8 | 0.0 | 84 | Pedalcyclist/other nonmotorist approaching roadway |
| 1 | 0.0 | 85 | Pedalcyclist or other nonmotorist unknown location |
| Object or Animal: | | | |
| 1855 | 1.9 | 87 | Animal in roadway |
| 3 | 0.0 | 88 | Animal approaching roadway |
| 26 | 0.0 | 89 | Animal unknown location |
| 585 | 0.6 | 90 | Object in roadway |
| 2 | 0.0 | 91 | Object approaching roadway |
| 2 | 0.0 | 92 | Object unknown location |
| Other: | | | |
| 3487 | 3.6 | 98 | Other event/not applicable/no collision |

Variable 136:CRITICAL EVENT (Continued)

22May09 Prcnt Code Value and Description

Unknown:
1348 1.4 99 Unknown critical event

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

NHTSA SAS Variable - P_CRASH3

Corrective action attempted (Precrash 3)

22May09 Prcnt Code Value and Description

265 0.3 0 No driver present
19257 19.9 1 No avoidance maneuver
Single Corrective Action
1554 1.6 2 Braking (no lockup)
2439 2.5 3 Braking (lockup)
1254 1.3 4 Braking (lockup unknown)
1 0.0 5 Releasing brakes
2132 2.2 6 Steering to left
2129 2.2 7 Steering to right

Multiple Corrective Actions
396 0.4 8 Braking and steering to left
415 0.4 9 Braking and steering to right
203 0.2 10 Accelerating
24 0.0 11 Accelerating and steering to left
12 0.0 12 Accelerated and steered to right
563 0.6 98 Other actions
65902 68.3 99 Unknown if driver attempted avoidance maneuver

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

NHTSA SAS Variable - PCRASH4

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

22May09 Prcnt Code Value and Description

265 0.3 0 No driver present
83391 86.4 1 Tracking
5242 5.4 2 Skidding longitudinally - rotation less than 30 degrees
1505 1.6 3 Skidding laterally - clockwise rotation

Variable 138:PRECRASH VEHICLE CONTROL (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|------|-----|---|--|
| 1700 | 1.8 | 4 | Skidding laterally - counterclockwise rotation |
| 16 | 0.0 | 7 | Other vehicle loss of control (specify) |
| 4427 | 4.6 | 9 | Preocrash stability unknown |

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

NHTSA SAS Variable - PCRASH5

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

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|----|---|
| 265 | 0.3 | 0 | No driver present |
| 74144 | 76.8 | 1 | Stayed in original travel lane |
| 4905 | 5.1 | 2 | Stayed on roadway, but left original travel lane |
| 2554 | 2.6 | 3 | Stayed on roadway, not known if left original travel lane |
| 9957 | 10.3 | 4 | Departed roadway |
| 192 | 0.2 | 5 | Remained off roadway |
| 323 | 0.3 | 6 | Returned to roadway |
| 2335 | 2.4 | 7 | Entered roadway |
| 1871 | 1.9 | 99 | Vehicle path unknown |

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

NHTSA SAS Variable - VEH_ROLE

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|--------------------------|
| 3116 | 3.2 | 0 | Noncollision |
| 54717 | 56.7 | 1 | Striking |
| 32363 | 33.5 | 2 | Struck |
| 5788 | 6.0 | 3 | Both striking and struck |
| 562 | 0.6 | 9 | Unknown |

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

NHTSA SAS Variable - ACC_TYPE

22May09 Prcnt Code Value and Description

| | | | |
|------|-----|---|-------------------------------|
| 368 | 0.4 | 0 | No impact |
| 2482 | 2.6 | 1 | - |
| | | | Diagram number (see appendix) |

Variable 141:ACCIDENT TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 677 | 0.7 | 93 | |
| 9215 | 9.5 | 98 | Other crash type |
| 713 | 0.7 | 99 | Unknown |

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

NHTSA SAS Variable - SPEEDREL

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 81013 | 83.9 | 0 | No |
| 10545 | 10.9 | 1 | Yes |
| 265 | 0.3 | 8 | No driver present |
| 4723 | 4.9 | 9 | Unknown |

 * Variables 143 through 148 are specific to each vehicle in the *
 * crash. They are different from the accident-level versions that *
 * are coded based on roadway surface type, the number of travel *
 * lanes of the trafficways involved, and a determination of which *
 * vehicle contributed most to the cause of the crash. At the *
 * accident level, if vehicles travel on different trafficways the *
 * highest speed limit is coded. *

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

NHTSA SAS Variable - VALIGN

Roadway alignment for this vehicle's roadway

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 84012 | 87.0 | 1 | Straight |
| 9098 | 9.4 | 2 | Curve |
| 3436 | 3.6 | 9 | Unknown |

| | | | |
|---------------------|-------------------------------|-----------|---------------|
| <u>Variable 144</u> | <u>NUMBER OF TRAVEL LANES</u> | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VNUM_LAN

Number of travel lanes for this vehicle's roadway

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|---------------------|
| 2483 | 2.6 | 1 | One lane |
| 37334 | 38.7 | 2 | Two lanes |
| 14182 | 14.7 | 3 | Three lanes |
| 12187 | 12.6 | 4 | Four lanes |
| 8985 | 9.3 | 5 | Five lanes |
| 1588 | 1.6 | 6 | Six lanes |
| 910 | 0.9 | 7 | Seven or more lanes |
| 18877 | 19.6 | 9 | Unknown |

| | | | |
|---------------------|------------------------|-----------|---------------|
| <u>Variable 145</u> | <u>ROADWAY PROFILE</u> | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VPROFILE

Roadway profile for this vehicle

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-----------|
| 59013 | 61.1 | 1 | Level |
| 12839 | 13.3 | 2 | Grade |
| 1335 | 1.4 | 3 | Hillcrest |
| 175 | 0.2 | 8 | Sag |
| 23184 | 24.0 | 9 | Unknown |

| | | | |
|---------------------|--------------------|-----------|---------------|
| <u>Variable 146</u> | <u>SPEED LIMIT</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VSPD_LIM

Speed limit for this vehicle

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|----|---|
| 2273 | 2.4 | 0 | No statutory limit (parking lot, alley, etc.) |
| 38 | 0.0 | 5 | |
| | | - | Actual posted speed limit in miles per hour |
| 383 | 0.4 | 75 | |
| 13206 | 13.7 | 99 | Unknown |

| | | | |
|---------------------|--------------------------|-----------|---------------|
| <u>Variable 147</u> | <u>SURFACE CONDITION</u> | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VSURCOND

Roadway surface condition for this vehicle

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-----------------|
| 75525 | 78.2 | 1 | Dry |
| 14305 | 14.8 | 2 | Wet |
| 2743 | 2.8 | 3 | Snow or slush |
| 2682 | 2.8 | 4 | Ice |
| 71 | 0.1 | 5 | Sand, dirt, oil |
| 201 | 0.2 | 8 | Other |
| 1019 | 1.1 | 9 | Unknown |

| | | | |
|---------------------|------------------------|-----------|---------------|
| <u>Variable 148</u> | <u>TRAFFICWAY FLOW</u> | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - VTRAFWAY

Trafficway flow for this vehicle's trafficway

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|--|
| 4067 | 4.2 | 0 | Not physically divided (center two way left turn lane) |
| 42822 | 44.4 | 1 | Not physically divided (two way trafficway) |
| 31550 | 32.7 | 2 | Divided highway (median strip, barrier) |
| 4621 | 4.8 | 3 | One way trafficway |
| 13486 | 14.0 | 9 | Unknown |

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

NHTSA SAS Variable - MAX_VSEV

Maximum injury severity in vehicle

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|---------------------------------|
| 58162 | 60.2 | 0 | No injury (O) |
| 12859 | 13.3 | 1 | Possible injury (C) |
| 11627 | 12.0 | 2 | Nonincapacitating injury (B) |
| 8162 | 8.5 | 3 | Incapacitating injury (A) |
| 969 | 1.0 | 4 | Fatal injury (K) |
| 464 | 0.5 | 5 | Injured severity unknown |
| 5 | 0.0 | 6 | Died prior to crash |
| 247 | 0.3 | 8 | No person involved in the crash |
| 4051 | 4.2 | 9 | Unknown if injured |

| Variable | 150 | NUMBER INJURED IN VEH | Width: 2 | Type: Numeric |
|----------|-----|-----------------------|-----------|---------------|
| | | | Dec: None | Miss: 99 |

NHTSA SAS Variable - NUM_INJV

Number injured in vehicle

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 58167 | 60.2 | 0 | No person injured/property damage only crash |
| 27536 | 28.5 | 1 | - Actual number of known injured |
| 1 | 0.0 | 30 | |
| 247 | 0.3 | 98 | No person involved in the crash |
| 4051 | 4.2 | 99 | All persons in crash are unknown if injured |

| Variable | 151 | DRIVER DRINKING IN VEH | Width: 1 | Type: Numeric |
|----------|-----|------------------------|-----------|---------------|
| | | | Dec: None | Miss: 9 |

NHTSA SAS Variable - ALCOHOL

Reports alcohol use by driver of the vehicle

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 4168 | 4.3 | 1 | Alcohol involved |
| 80599 | 83.5 | 2 | No alcohol involved |
| 278 | 0.3 | 8 | No driver present |
| 11501 | 11.9 | 9 | Unknown |

| Variable | 152 | DRIVERS ZIP CODE | Width: 5 | Type: Numeric |
|----------|-----|------------------|-----------|---------------|
| | | | Dec: None | Miss: None |

NHTSA SAS Variable - DZIPCODE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|-------|-------------------------------------|
| 240 | 0.2 | 0 | Not resident of U.S. or territories |
| | | | - Code actual 5-digit zip code |
| 265 | 0.3 | 99998 | No driver present |
| 4485 | 4.6 | 99999 | Unknown |

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

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

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

NHTSA SAS Variable - STRATUM

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 9648 | 10.0 | 1 | Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 13112 | 13.6 | 2 | Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C. |
| 12878 | 13.3 | 3 | Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B. |
| 24196 | 25.1 | 4 | Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash. |
| 15070 | 15.6 | 5 | Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 21642 | 22.4 | 6 | Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved. |

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

NHTSA SAS Variable - PSU

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

NHTSA SAS Variable - REGION

| 22May09 Prcnt | Code | Value and Description |
|---------------|------|--|
| 14309 14.8 | 1 | Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT) |
| 24151 25.0 | 2 | Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS) |
| 39465 40.9 | 3 | South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX) |
| 18621 19.3 | 4 | West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI) |

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

NHTSA SAS Variable - WEIGHT

Imputed VEHICLE Variables

Variables 158 through 168 are imputed versions of previous variables found in the vehicle dataset.

| | | | |
|--------------|-------------------|-----------|---------------|
| Variable 158 | IMPUTED BODY TYPE | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - BDYTYP_H

This variable was imputed by NHTSA

| 22May09 Prcnt | Code | Value and Description |
|------------------------|------|--|
| Automobiles | | |
| 914 0.9 | 1 | Convertible (excludes sun roof, t-bar) |
| 5426 5.6 | 2 | 2-door sedan, hardtop, coupe |
| 1473 1.5 | 3 | 3-door/2-door hatchback |
| 32559 33.7 | 4 | 4-door sedan, hardtop |
| 609 0.6 | 5 | 5-door/4-door hatchback |
| 2164 2.2 | 6 | Station wagon (excluding van and truck based) |
| 8 0.0 | 7 | Hatchback, number of doors unknown |
| 10 0.0 | 8 | Other automobile type |
| 7140 7.4 | 9 | Unknown automobile type |
| Automobile Derivatives | | |
| 13 0.0 | 10 | Auto-based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit Pickup) |

Variable 158:IMPUTED BODY TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|--|
| 4 | 0.0 | 11 | Auto-based panel (cargo station wagon, auto-based ambulance/hearse) |
| 11 | 0.0 | 12 | Large limousine (more than four side doors or stretched chassis) |
| 0 | 0.0 | 13 | Three wheeled automobile or automobile derivative |
| Utility Vehicles | | | |
| 11373 | 11.8 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [post&'84], Dispatcher, Raider Bronco II, Bronco [pre '77], Explorer, S-10 Blazer, etc.) |
| 3078 | 3.2 | 15 | Large utility (Jeep Cherokee 83 and before, Ramcharger, Trailduster; Full-size Bronco[post&'78], Blazer,& Jimmy; Hummer, Land Cruiser, Rover, Scout, Yukon, Expedition, Navigator, etc.) |
| 540 | 0.6 | 16 | Utility station wagon (Chevrolet Suburban, GMC Suburban, Travelall, Grand Wagoneer, and Suburban limousine) |
| 183 | 0.2 | 17 | 3-door coupe (passenger car, added in 1999) |
| 316 | 0.3 | 19 | Utility vehicle, unknown body type |
| Van-Based Light Trucks (<=4,536 kg GVWR) | | | |
| 4214 | 4.4 | 20 | Minivan (Chrysler Town & Country, Astro, Caravan, Grand Caravan, Plymouth Vista, Aerostar, Safari, Voyager, Mini-Ram, Dodge/Plymouth Vista, Toyota Van/Cargo Van, Vanagon, VW Bus, etc.) |
| 972 | 1.0 | 21 | Large van (Sportvan, Chevy Van, Club Wagon, Ford Econoline, Ram Van, Chateau, E150-E350, G10-G30, Ram Wagon, Vandura, Rally Voyager (pre-1983), Beauville, Sportsman, B150-B350, etc.) |
| 20 | 0.0 | 22 | Step van or walk-in van (< 4,536 kg GVWR) |
| 6 | 0.0 | 23 | Van-based motorhome |
| 13 | 0.0 | 24 | Van-based school bus |
| 81 | 0.1 | 25 | Van-based other bus |
| 214 | 0.2 | 28 | Other van type (Hi-Cube, Kary) |
| 367 | 0.4 | 29 | Unknown van type |
| Lt Conventional Trucks (pickup style cab, <4,536 kg GVWR) | | | |
| 3733 | 3.9 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, LUV, Ram 50&100, Rampage, Courier, Ranger, Pup, Mazda PU, Mitsubishi Truck, Datsun/Nissan PU, Arrow PU (foreign), Scamp, Toyota PU, VW PU, D50, Colt, etc.) |
| 8127 | 8.4 | 31 | Large/standard pickup (Jeep Pickup, Comanche, Ram Pickup, Silverado, Sierra, K10-K35, D100-D350, W100-W350, F100-F350, R100-R500, R10-R35, V10-V35, T100) |
| 3 | 0.0 | 32 | Pickup with slide-in camper |
| 0 | 0.0 | 33 | Convertible pickup |
| 829 | 0.9 | 39 | Unknown (pickup style) light conventional truck |
| Other Light Trucks (<=4,536 kg GVWR) | | | |
| 103 | 0.1 | 40 | Cab chassis-based (includes rescue vehicle, light stake, dump, and tow truck) |

Variable 158:IMPUTED BODY TYPE (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---|-------|------|---|
| 0 | 0.0 | 41 | Truck-based panel |
| 0 | 0.0 | 42 | Light truck-based motorhome (chassis mounted) |
| 12 | 0.0 | 45 | Other light truck type |
| 464 | 0.5 | 48 | Unknown light truck type (utility, van, pickup, or other light truck) |
| Buses (excludes van-based) | | | |
| 190 | 0.2 | 50 | School bus type (designed to carry students, not cross country or transit) |
| 250 | 0.3 | 58 | Other bus type (transit, intercity, bus-based motorhome) |
| 22 | 0.0 | 59 | Unknown bus type |
| Medium/Heavy Trucks (>4,536 kg GVWR) | | | |
| 50 | 0.1 | 60 | Step Van |
| 2720 | 2.8 | 64 | Single unit straight truck |
| 24 | 0.0 | 65 | Medium/heavy truck-based motorhome |
| 4542 | 4.7 | 66 | Truck-tractor (cab only, or with any number of trailing units; any weight) |
| 565 | 0.6 | 78 | Unknown medium/heavy truck type |
| Motored Cycles (does not include all terrain vehicles/cycles) | | | |
| 2781 | 2.9 | 80 | Motorcycle |
| 83 | 0.1 | 81 | Moped (motorized bicycle) |
| 6 | 0.0 | 82 | Three wheeled motorcycle or moped |
| 138 | 0.1 | 88 | Other motored cycle type (minibike, motorscooter) |
| 31 | 0.0 | 89 | Unknown motored cycle type |
| Other Vehicles | | | |
| 99 | 0.1 | 90 | ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle) |
| 7 | 0.0 | 91 | Snowmobile |
| 27 | 0.0 | 92 | Farm equipment other than trucks |
| 15 | 0.0 | 93 | Construction equipment other than trucks (includes graders) |
| 17 | 0.0 | 97 | Other type vehicle (includes go-cart, fork lift, city street sweeper, motorized wheelchair) |

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

NHTSA SAS Variable - HITRUN_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 91187 | 94.4 | 0 | No, did not leave scene |
| 5359 | 5.6 | 1 | Yes, driver or car and driver left scene |

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

NHTSA SAS Variable - IMPACT_H

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|------------------------|
| 3000 | 3.1 | 0 | No damage/noncollision |
| 45018 | 46.6 | 1 | Front |
| 14309 | 14.8 | 2 | Right side |
| 14716 | 15.2 | 3 | Left side |
| 17449 | 18.1 | 4 | Back |
| 100 | 0.1 | 5 | Top |
| 438 | 0.5 | 6 | Undercarriage |
| 588 | 0.6 | 11 | Front right corner |
| 635 | 0.7 | 12 | Front left corner |
| 68 | 0.1 | 13 | Back right corner |
| 71 | 0.1 | 14 | Back left corner |
| 154 | 0.2 | 15 | Object Set in Motion |

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

NHTSA SAS Variable - MANEUV_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 265 | 0.3 | 0 | No driver present |
| 51761 | 53.6 | 1 | Going straight |
| 5274 | 5.5 | 2 | Decelerating in traffic lane |
| 190 | 0.2 | 3 | Accelerating in traffic lane |
| 1914 | 2.0 | 4 | Starting in traffic lane |
| 11309 | 11.7 | 5 | Stopped in traffic lane |
| 915 | 0.9 | 6 | Passing or overtaking another vehicle |
| 138 | 0.1 | 7 | Disabled or parked in travel lane |
| 420 | 0.4 | 8 | Leaving a parked position |
| 124 | 0.1 | 9 | Entering a parked position |
| 3310 | 3.4 | 10 | Turning right |
| 9750 | 10.1 | 11 | Turning left |
| 483 | 0.5 | 12 | Making a U-turn |
| 982 | 1.0 | 13 | Backing up (other than for parking purposes) |
| 5115 | 5.3 | 14 | Negotiating a curve |
| 2881 | 3.0 | 15 | Changing lanes |
| 331 | 0.3 | 16 | Merging |
| 24 | 0.0 | 17 | Successful corrective action to a previous critical event |
| 1360 | 1.4 | 97 | Other |

| | | | |
|--------------|--------------------|-----------|---------------|
| Variable 162 | IMPUTED MODEL YEAR | Width: 4 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - MDLYR_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 1 | 0.0 | 1900 | 1900 |
| | | - | |
| 3599 | 3.7 | 1995 | 1995 |
| 3696 | 3.8 | 1996 | 1996 |
| 4539 | 4.7 | 1997 | 1997 |
| 5064 | 5.2 | 1998 | 1998 |
| 5973 | 6.2 | 1999 | 1999 |
| 6843 | 7.1 | 2000 | 2000 |
| 6508 | 6.7 | 2001 | 2001 |
| 6832 | 7.1 | 2002 | 2002 |
| 6919 | 7.2 | 2003 | 2003 |
| 6846 | 7.1 | 2004 | 2004 |
| 7199 | 7.5 | 2005 | 2005 |
| 7103 | 7.4 | 2006 | 2006 |
| 7800 | 8.1 | 2007 | 2007 |
| 4792 | 5.0 | 2008 | 2008 |
| 481 | 0.5 | 2009 | 2009 |

| | | | |
|--------------|------------------------|-----------|---------------|
| Variable 163 | IMP MAX INJ SEV IN VEH | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - MXVSEV_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------------|
| 61827 | 64.0 | 0 | No injury (O) |
| 13060 | 13.5 | 1 | Possible injury (C) |
| 11784 | 12.2 | 2 | Nonincapacitating injury (B) |
| 8178 | 8.5 | 3 | Incapacitating injury (A) |
| 988 | 1.0 | 4 | Fatal injury (K) |
| 457 | 0.5 | 5 | Injured severity unknown |
| 5 | 0.0 | 6 | Died prior to crash |
| 247 | 0.3 | 8 | No person involved in the crash |

| | | | |
|--------------|------------------------|-----------|---------------|
| Variable 164 | IMP NUM INJURED IN VEH | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - NUMINJ_I

This variable was imputed by NHTSA

Variable 164:IMP NUM INJURED IN VEH (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 62079 | 64.3 | 0 | No person injured/property damage only crash |
| 27846 | 28.8 | 1 | |
| | | - | Actual number of known injured |
| 1 | 0.0 | 30 | |
| 1 | 0.0 | 38 | |

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

NHTSA SAS Variable - VLTN_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 63595 | 65.9 | 0 | None |
| 2312 | 2.4 | 1 | Alcohol or drugs |
| 145 | 0.2 | 2 | Speeding |
| 3292 | 3.4 | 3 | Alcohol or drugs and speeding |
| 734 | 0.8 | 4 | Reckless driving |
| 1055 | 1.1 | 5 | Driving with a suspended or revoked license |
| 4487 | 4.6 | 6 | Failure to yield right of way |
| 1641 | 1.7 | 7 | Running a traffic signal or stop sign |
| 4075 | 4.2 | 50 | Hit & run (and no information) |
| 265 | 0.3 | 95 | No driver present |
| 0 | 0.0 | 96 | Not reported |
| 1505 | 1.6 | 97 | Violation charged - no details |
| 13440 | 13.9 | 98 | Other violation |

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

NHTSA SAS Variable - VROLE_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--------------------------|
| 3127 | 3.2 | 0 | Noncollision |
| 54723 | 56.7 | 1 | Striking |
| 32365 | 33.5 | 2 | Struck |
| 6331 | 6.6 | 3 | Both striking and struck |

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

NHTSA SAS Variable - ALCHL_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
|---------|-------|------|-----------------------|

| | | | |
|-------|------|---|---------------------|
| 5487 | 5.7 | 1 | Alcohol involved |
| 91059 | 94.3 | 2 | No alcohol involved |

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

NHTSA SAS Variable - V_EVNT_H

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
|---------|-------|------|-----------------------|

| | | | |
|---------------------------------|------|----|--|
| Noncollision | | | |
| 4684 | 4.9 | 1 | Rollover/overturn |
| 78 | 0.1 | 2 | Fire/explosion |
| 22 | 0.0 | 3 | Immersion |
| 0 | 0.0 | 4 | Gas inhalation |
| 74 | 0.1 | 5 | Jackknife |
| 98 | 0.1 | 6 | Noncollision injury (injured in or fell from vehicle) |
| 29 | 0.0 | 7 | Pavement surface irregularity (ruts, potholes, grates, etc.) |
| 117 | 0.1 | 8 | Other noncollision (excludes objects set in motion by an in-transport motor vehicle) |
| 3 | 0.0 | 9 | Noncollision - no details |
| 21 | 0.0 | 10 | Thrown or falling object (excludes objects set in motion by an in-transport motor vehicle) |
| Collision with Object Not Fixed | | | |
| 1998 | 2.1 | 21 | Pedestrian |
| 1572 | 1.6 | 22 | Cycle or cyclist (pedalcycle or pedalcyclist) |
| 26 | 0.0 | 23 | Railway train |
| 1371 | 1.4 | 24 | Animal |
| 73891 | 76.5 | 25 | Motor vehicle in transport |
| 1978 | 2.0 | 26 | Parked motor vehicle (or other mv not in transport) |
| 108 | 0.1 | 27 | Other type nonmotorist (includes motorized wheelchairs) |
| 333 | 0.3 | 28 | Other object not fixed |
| 7 | 0.0 | 29 | Object not fixed - no details |
| Collision with Fixed Object | | | |
| 17 | 0.0 | 31 | Ground |
| 214 | 0.2 | 32 | Building |
| 36 | 0.0 | 33 | Impact attenuator or crash cushion |
| 195 | 0.2 | 34 | Bridge structure (bridge pier/abutment/parapet end/rail) |
| 1126 | 1.2 | 35 | Guardrail |

Variable 168:IMP MOST HARMFUL EVENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 1125 | 1.2 | 36 | Concrete traffic barrier or other longitudinal barrier type |
| 2141 | 2.2 | 37 | Post, pole or support (sign post, utility post) |
| 996 | 1.0 | 38 | Culvert or ditch |
| 429 | 0.4 | 39 | Curb |
| 404 | 0.4 | 40 | Embankment |
| 430 | 0.4 | 41 | Fence |
| 154 | 0.2 | 42 | Wall |
| 99 | 0.1 | 43 | Fire hydrant |
| 53 | 0.1 | 44 | Shrubbery or bush |
| 2040 | 2.1 | 45 | Tree |
| 77 | 0.1 | 46 | Boulder |
| 577 | 0.6 | 58 | Other fixed object |
| 23 | 0.0 | 59 | Fixed object - no details |

Multiple Response Variables

Variables 169 through 189 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 169 | TRAFFIC CONTRL DEVICE #1 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - VTRAFCON

First traffic control device for this vehicle

| 22May09 | Prcnt | Code | Value and Description |
|---------------------------------|-------|------|--|
| 57505 | 59.6 | 0 | No controls |
| NOT AT RAILROAD GRADE CROSSING: | | | |
| Trafficway Traffic Signals | | | |
| 23257 | 24.1 | 1 | Traffic control signal (on colors) |
| 431 | 0.4 | 4 | Flashing traffic control signal or flashing beacon |
| 44 | 0.0 | 8 | Other traffic signal |
| 16 | 0.0 | 9 | Unknown traffic signal |
| Regulatory, School Zone Signs | | | |
| 6561 | 6.8 | 21 | Stop sign |
| 1023 | 1.1 | 22 | Yield sign |
| 24 | 0.0 | 23 | School zone related sign |
| 217 | 0.2 | 28 | Other sign |
| 25 | 0.0 | 29 | Unknown sign |

Variable 169:TRAFFIC CONTRL DEVICE #1 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|--|-------|------|---|
| Warning Signs | | | |
| 1574 | 1.6 | 40 | Advisory speed sign |
| 86 | 0.1 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |
| 153 | 0.2 | 42 | Warning sign for road construction |
| 4 | 0.0 | 43 | Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.) |
| 130 | 0.1 | 49 | Unknown type warning sign |
| Miscellaneous Not at Railroad Crossing | | | |
| 149 | 0.2 | 51 | Officer, crossing guard, flagman, etc. |
| AT RAILROAD GRADE CROSSING: | | | |
| 72 | 0.1 | 61 | Active devices at RR crossing (gates, flashing lights, traffic signal) |
| 20 | 0.0 | 62 | Passive device at RR crossing (stop sign, cross bucks) |
| Other | | | |
| 252 | 0.3 | 97 | Traffic control present - no details |
| 718 | 0.7 | 98 | Other traffic control (whether or not at RR grade crossing) |
| 4285 | 4.4 | 99 | Unknown |

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

NHTSA SAS Variable - VTRAFCON2

Second traffic control device for this vehicle

| 22May09 | Prcnt | Code | Value and Description |
|---------------------------------|-------|------|--|
| 95843 | 99.3 | 0 | No controls |
| NOT AT RAILROAD GRADE CROSSING: | | | |
| Trafficway Traffic Signals | | | |
| 3 | 0.0 | 4 | Flashing traffic control signal or flashing beacon |
| 2 | 0.0 | 8 | Other traffic signal |
| 1 | 0.0 | 9 | Unknown traffic signal |
| Regulatory, School Zone Signs | | | |
| 68 | 0.1 | 21 | Stop sign |
| 18 | 0.0 | 22 | Yield sign |
| 1 | 0.0 | 23 | School zone related sign |
| 32 | 0.0 | 28 | Other sign |
| Warning Signs | | | |
| 285 | 0.3 | 40 | Advisory speed sign |
| 35 | 0.0 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |

Variable 170:TRAFFIC CONTRL DEVICE #2 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|--|-------|------|---|
| 23 | 0.0 | 42 | Warning sign for road construction |
| 2 | 0.0 | 43 | Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.) |
| 6 | 0.0 | 49 | Unknown type warning sign |
| Miscellaneous Not at Railroad Crossing | | | |
| 26 | 0.0 | 51 | Officer, crossing guard, flagman, etc. |
| AT RAILROAD GRADE CROSSING: | | | |
| 3 | 0.0 | 61 | Active devices at RR crossing (gates, flashing lights, traffic signal) |
| 2 | 0.0 | 62 | Passive device at RR crossing (stop sign, cross bucks) |
| Other | | | |
| 6 | 0.0 | 97 | Traffic control present - no details |
| 190 | 0.2 | 98 | Other traffic control (whether or not at RR grade crossing) |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 171 | TRAFFIC CONTRL DEVICE #3 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - VTRAFCON3

Third traffic control device for this vehicle

| 22May09 | Prcnt | Code | Value and Description |
|--|-------|------|---|
| 96530 | 100.0 | 0 | No controls |
| NOT AT RAILROAD GRADE CROSSING: | | | |
| Trafficway Traffic Signals | | | |
| Regulatory, School Zone Signs | | | |
| 1 | 0.0 | 21 | Stop sign |
| Warning Signs | | | |
| 3 | 0.0 | 40 | Advisory speed sign |
| 2 | 0.0 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |
| 2 | 0.0 | 42 | Warning sign for road construction |
| 1 | 0.0 | 49 | Unknown type warning sign |
| Miscellaneous Not at Railroad Crossing | | | |
| 2 | 0.0 | 51 | Officer, crossing guard, flagman, etc. |
| AT RAILROAD GRADE CROSSING: | | | |
| Other | | | |
| 5 | 0.0 | 98 | Other traffic control (whether or not at RR grade crossing) |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 172 | TRAFFIC CONTRL DEVICE #4 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - VTRAFCON4

Fourth traffic control device for this vehicle

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96542 | 100.0 | 0 | No controls |
| | | | NOT AT RAILROAD GRADE CROSSING: |
| | | | Trafficway Traffic Signals |
| | | | Regulatory, School Zone Signs |
| | | | Warning Signs |
| 2 | 0.0 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |
| 1 | 0.0 | 49 | Unknown type warning sign |
| | | | Miscellaneous Not at Railroad Crossing |
| | | | AT RAILROAD GRADE CROSSING: |
| | | | Other |
| 1 | 0.0 | 98 | Other traffic control (whether or not at RR grade crossing) |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 173 | DRVR MANEUVER TO AVOID#1 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - DRMAN_AV or MDRMANAV

Driver maneuvered to avoid #1

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 38861 | 40.3 | 0 | Driver did not maneuver to avoid |
| 184 | 0.2 | 1 | Object in road |
| 29 | 0.0 | 2 | Poor road conditions (puddle, ice, pothole, etc.) |
| 549 | 0.6 | 3 | Animal in road |
| 7344 | 7.6 | 4 | Vehicle in road |
| 392 | 0.4 | 5 | Pedestrian, pedalcyclist or other nonmotorist in road |
| 4919 | 5.1 | 50 | Hit & run (and no information) |
| 407 | 0.4 | 92 | Phantom vehicle |
| 38489 | 39.9 | 93 | Not on police report |
| 4700 | 4.9 | 94 | Not coded |
| 265 | 0.3 | 95 | No driver present |
| 15 | 0.0 | 97 | Avoidance maneuver - no details |
| 392 | 0.4 | 99 | Unknown if driver maneuvered to avoid |

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

NHTSA SAS Variable - DRMAN_AV2 or MDRMANAV2

Driver maneuvered to avoid #2

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96537 | 100.0 | 0 | Driver did not maneuver to avoid |
| 2 | 0.0 | 4 | Vehicle in road |
| 3 | 0.0 | 5 | Pedestrian, pedalcyclist or other nonmotorist in road |
| 4 | 0.0 | 92 | Phantom vehicle |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 175 | VEHICLE CONTRIB FACTOR#1 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - FACTOR

Vehicle contributing factors #1

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 86953 | 90.1 | 0 | No vehicle contributing factors |
| 560 | 0.6 | 1 | Tires |
| 352 | 0.4 | 2 | Brake system |
| 91 | 0.1 | 3 | Steering system - tie rod, kingpin, ball joint, etc. |
| 12 | 0.0 | 4 | Suspension-springs, shock absorbers, macpherson struts, control arms, etc. |
| 97 | 0.1 | 5 | Power train - universal joint, drive shaft, transmission, etc. |
| 1 | 0.0 | 6 | Exhaust system |
| 19 | 0.0 | 7 | Headlights |
| 5 | 0.0 | 8 | Signal lights |
| 19 | 0.0 | 9 | Other lights |
| 5 | 0.0 | 10 | Wipers |
| 49 | 0.1 | 11 | Wheels |
| 1 | 0.0 | 12 | Mirrors |
| 4 | 0.0 | 13 | Driver seating and control |
| 7 | 0.0 | 14 | Body, doors |
| 23 | 0.0 | 15 | Trailer hitch |
| 4944 | 5.1 | 50 | Hit-and-run vehicle |
| 110 | 0.1 | 97 | Vehicle contributing factors - no details |
| 89 | 0.1 | 98 | Other vehicle contributing factors |
| 3205 | 3.3 | 99 | Unknown if vehicle has contributing factors |

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

NHTSA SAS Variable - MFACTOR2

Vehicle contributing factors #2

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 96515 | 100.0 | 0 | No vehicle contributing factors |
| 7 | 0.0 | 2 | Brake system |
| 10 | 0.0 | 3 | Steering system - tie rod, kingpin, ball joint, etc. |
| 3 | 0.0 | 4 | Suspension-springs, shock absorbers, macpherson struts, control arms, etc. |
| 3 | 0.0 | 5 | Power train - universal joint, drive shaft, transmission |
| 2 | 0.0 | 8 | Signal lights |
| 1 | 0.0 | 9 | Other lights |
| 3 | 0.0 | 11 | Wheels |
| 1 | 0.0 | 97 | Vehicle contributing factors - no details |
| 1 | 0.0 | 98 | Other vehicle contributing factors |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 177 | VEHICLE CONTRIB FACTOR#3 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MFACTOR3

Vehicle contributing factors #3

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96545 | 100.0 | 0 | No vehicle contributing factors |
| 1 | 0.0 | 97 | Vehicle contributing factors - no details |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 178 | VEHICLE CONTRIB FACTOR#4 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MFACTOR4

Vehicle contributing factors #4

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---------------------------------|
| 96546 | 100.0 | 0 | No vehicle contributing factors |

| | | | |
|--------------|-----------------------|-----------|---------------|
| Variable 179 | VISION OBSCURED BY #1 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MVISOBSC

Driver's vision obscured by #1

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 69335 | 71.8 | 0 | No obstruction |
| 333 | 0.3 | 1 | Rain, snow, smoke, sand, dust |
| 440 | 0.5 | 2 | Reflected glare, bright sunlight, headlights |
| 109 | 0.1 | 3 | Curve or hill |
| 33 | 0.0 | 4 | Building, billboard, or other design features (includes signs, embankment) |
| 130 | 0.1 | 5 | Trees, crops, vegetation |
| 468 | 0.5 | 6 | Moving vehicle (including load) |
| 679 | 0.7 | 7 | Parked vehicle |
| 4 | 0.0 | 8 | Splash or spray of passing vehicle |
| 6 | 0.0 | 9 | Inadequate defrost or defog system |
| 15 | 0.0 | 10 | Inadequate lighting system |
| 61 | 0.1 | 11 | Obstruction interior to the vehicle |
| 1 | 0.0 | 12 | External mirrors |
| 1 | 0.0 | 13 | Head restraints |
| 79 | 0.1 | 14 | Broken or improperly cleaned windshield |
| 40 | 0.0 | 15 | Fog |
| 4905 | 5.1 | 50 | Hit & run vehicle (and no information) |
| 10980 | 11.4 | 93 | Not on police accident reports (PAR) |
| 7033 | 7.3 | 94 | Not coded |
| 265 | 0.3 | 95 | No driver present |
| 143 | 0.1 | 97 | Vision obscured - no details |
| 119 | 0.1 | 98 | Other obstruction |
| 1367 | 1.4 | 99 | Unknown whether vision was obstructed |

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

NHTSA SAS Variable - MVISOBSC

Driver's vision obscured by #2

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 96507 | 100.0 | 0 | No obstruction |
| 1 | 0.0 | 2 | Reflected glare, bright sunlight, headlights |
| 1 | 0.0 | 4 | Building, billboard, or other design features (includes signs, embankment) |
| 3 | 0.0 | 5 | Trees, crops, vegetation |
| 11 | 0.0 | 7 | Parked vehicle |
| 2 | 0.0 | 9 | Inadequate defrost or defog system |
| 1 | 0.0 | 10 | Inadequate lighting system |
| 10 | 0.0 | 14 | Broken or improperly cleaned windshield |
| 2 | 0.0 | 15 | Fog |
| 8 | 0.0 | 98 | Other obstruction |

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

NHTSA SAS Variable - MVISOBSC

Driver's vision obscured by #3

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 96545 | 100.0 | 0 | No obstruction |
| 1 | 0.0 | 7 | Parked vehicle |

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

NHTSA SAS Variable - MDRDSTRD

Driver distracted by #1

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 67466 | 69.9 | 0 | Not distracted |
| 1248 | 1.3 | 1 | Looked but did not see |
| 226 | 0.2 | 3 | By other occupant(s) |
| 62 | 0.1 | 4 | By moving object in vehicle |
| 142 | 0.1 | 5 | While talking or listening to cellular phone |
| 17 | 0.0 | 6 | While dialing cellular phone |
| 16 | 0.0 | 7 | While adjusting climate control |
| 110 | 0.1 | 8 | While adjusting radio, cassette, or CD |
| 82 | 0.1 | 9 | While using other device/controls integral to vehicle |
| 277 | 0.3 | 10 | While using or reaching for device/object brought into vehicle |
| 1017 | 1.1 | 11 | Sleepy or fell asleep |
| 684 | 0.7 | 12 | Distracted by outside person, object or event |
| 91 | 0.1 | 13 | Eating or drinking |
| 27 | 0.0 | 14 | Smoking related |
| 304 | 0.3 | 15 | Other cellular phone related |
| 4972 | 5.1 | 50 | Hit-and-run (and no information) |
| 4271 | 4.4 | 92 | Distraction or inattention, details unknown |
| 61 | 0.1 | 93 | Not on police accident report (PAR) |
| 10121 | 10.5 | 94 | Not coded |
| 265 | 0.3 | 95 | No driver present |
| 1812 | 1.9 | 97 | Inattentive or lost in thought |
| 1143 | 1.2 | 98 | Other distraction |
| 2132 | 2.2 | 99 | Unknown if distracted |

| | | | |
|--------------|--------------------------------|-----------|---------------|
| Variable 183 | <u>DRIVER DISTRACTED BY #2</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MDRDSTRD

Driver distracted by #2

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 96440 | 99.9 | 0 | Not distracted |
| 7 | 0.0 | 3 | By other occupant(s) |
| 7 | 0.0 | 5 | While talking or listening to cellular phone |
| 10 | 0.0 | 6 | While dialing cellular phone |
| 6 | 0.0 | 8 | While adjusting radio, cassette, or CD |
| 5 | 0.0 | 9 | While using other device/controls integral to vehicle |
| 21 | 0.0 | 10 | While using or reaching for device/object brought into vehicle |
| 2 | 0.0 | 11 | Sleepy or fell asleep |
| 1 | 0.0 | 12 | Distracted by outside person, object or event |
| 2 | 0.0 | 13 | Eating or drinking |
| 1 | 0.0 | 14 | Smoking related |
| 23 | 0.0 | 15 | Other cellular phone related |
| 12 | 0.0 | 92 | Distraction or inattention, details unknown |
| 9 | 0.0 | 98 | Other distraction |

| | | | |
|--------------|--------------------------------|-----------|---------------|
| Variable 184 | <u>DRIVER DISTRACTED BY #3</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MDRDSTRD

Driver distracted by #3

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96543 | 100.0 | 0 | Not distracted |
| 1 | 0.0 | 6 | While dialing cellular phone |
| 1 | 0.0 | 8 | While adjusting radio, cassette, or CD |
| 1 | 0.0 | 92 | Distraction or inattention, details unknown |

| | | | |
|--------------|---------------------------------|-----------|---------------|
| Variable 185 | <u>DRVR VIOLATNS CHARGED #1</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MVIOLATN

Driver violations charged #1

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 60261 | 62.4 | 0 | None |
| 2229 | 2.3 | 1 | Alcohol |
| 139 | 0.1 | 2 | Drugs |
| 3292 | 3.4 | 3 | Speeding |

Variable 185:DRVR VIOLATNS CHARGED #1 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 535 | 0.6 | 4 | Reckless driving |
| 1011 | 1.0 | 5 | Driving with a suspended or revoked license |
| 4281 | 4.4 | 6 | Failure to yield right-of-way |
| 1577 | 1.6 | 7 | Running a traffic signal or stop sign |
| 4075 | 4.2 | 50 | Hit & run (and no information) |
| 265 | 0.3 | 95 | No driver present |
| 4922 | 5.1 | 96 | Not reported |
| 1142 | 1.2 | 97 | Violation charged - no details |
| 12753 | 13.2 | 98 | Other violation |
| 64 | 0.1 | 99 | Unknown if charged |

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

NHTSA SAS Variable - MVIOLATN2

Driver violations charged #2

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 92931 | 96.3 | 0 | None |
| 55 | 0.1 | 2 | Drugs |
| 157 | 0.2 | 3 | Speeding |
| 143 | 0.1 | 4 | Reckless driving |
| 268 | 0.3 | 5 | Driving with a suspended or revoked license |
| 156 | 0.2 | 6 | Failure to yield right-of-way |
| 133 | 0.1 | 7 | Running a traffic signal or stop sign |
| 10 | 0.0 | 97 | Violation charged - no details |
| 2693 | 2.8 | 98 | Other violation |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 187 | DRVR VIOLATNS CHARGED #3 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MVIOLATN3

Driver violations charged #3

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96073 | 99.5 | 0 | None |
| 7 | 0.0 | 3 | Speeding |
| 15 | 0.0 | 4 | Reckless driving |
| 31 | 0.0 | 5 | Driving with a suspended or revoked license |
| 7 | 0.0 | 6 | Failure to yield right-of-way |
| 18 | 0.0 | 7 | Running a traffic signal or stop sign |
| 3 | 0.0 | 97 | Violation charged - no details |
| 392 | 0.4 | 98 | Other violation |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 188 | DRVR VIOLATNS CHARGED #4 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MVIOLATN4

Driver violations charged #4

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 96495 | 99.9 | 0 | None |
| 1 | 0.0 | 4 | Reckless driving |
| 3 | 0.0 | 5 | Driving with a suspended or revoked license |
| 2 | 0.0 | 7 | Running a traffic signal or stop sign |
| 0 | 0.0 | 97 | Violation charged - no details |
| 45 | 0.0 | 98 | Other violation |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 189 | DRVR VIOLATNS CHARGED #5 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MVIOLATN5

Driver violations charged #5

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 96541 | 100.0 | 0 | None |
| 5 | 0.0 | 98 | Other violation |

The OCCUPANT Variables

Variables 201 through 231 describe the vehicle occupants involved in the Accident. The Occupant data set contains these variables, along with the Accident and Vehicle variables on an occupant level.

| | | | |
|--------------|-------------|-----------|------------------|
| Variable 201 | CASE NUMBER | Width: 12 | Type: Alphabetic |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - CASENUM

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

NHTSA SAS Variable - VEHNO

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 75598 | 56.8 | 1 | Vehicle #1 |
| 49857 | 37.5 | 2 | Vehicle #2 |
| 6071 | 4.6 | 3 | Vehicle #3 |
| 1154 | 0.9 | 4 | Vehicle #4 |
| 248 | 0.2 | 5 | Vehicle #5 |
| | | - | |
| 1 | 0.0 | 13 | Vehicle #13 |

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

NHTSA SAS Variable - PERNO

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 96299 | 72.4 | 1 | |
| | | - | Occupant number |
| 3 | 0.0 | 49 | |

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

NHTSA SAS Variable - PER_TYPE

Indicates the role of the occupant in the vehicle

| 22May09 | Prcnt | Code | Value and Description |
|-----------|-------|------|---|
| Motorists | | | |
| 96268 | 72.4 | 1 | Driver of motor vehicle in transport |
| 36748 | 27.6 | 2 | Passenger of a motor vehicle in transport |
| 26 | 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 |

NHTSA SAS Variable - SEAT_POS

Occupant seating position

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 0 | 0.0 | 0 | Nonmotorist |
| 96263 | 72.4 | 11 | Front seat - left side (driver's side) |
| 381 | 0.3 | 12 | Front seat - middle |
| 19677 | 14.8 | 13 | Front seat - right side |
| 60 | 0.0 | 18 | Front seat - other |
| 27 | 0.0 | 19 | Front seat - unknown |
| 5330 | 4.0 | 21 | Second seat - left side |
| 1979 | 1.5 | 22 | Second seat - middle |
| 6226 | 4.7 | 23 | Second seat - right side |
| 146 | 0.1 | 28 | Second seat - other |
| 36 | 0.0 | 29 | Second seat - unknown |
| 260 | 0.2 | 31 | Third seat - left side |
| 110 | 0.1 | 32 | Third seat - middle |
| 229 | 0.2 | 33 | Third seat - right side |
| 21 | 0.0 | 38 | Third seat - other |
| 77 | 0.1 | 39 | Third seat - unknown |
| 0 | 0.0 | 41 | Fourth seat - left side |
| 0 | 0.0 | 42 | Fourth seat - middle |
| 2 | 0.0 | 43 | Fourth seat - right side |
| 0 | 0.0 | 48 | Fourth seat - other |
| 1 | 0.0 | 49 | Fourth seat - unknown |
| 90 | 0.1 | 50 | Sleeper section of cab (truck) |
| 1097 | 0.8 | 51 | Other passenger in passenger or cargo area |
| 18 | 0.0 | 52 | Trailing unit |
| 71 | 0.1 | 53 | Riding on vehicle exterior |
| 941 | 0.7 | 99 | Unknown seating position |

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

NHTSA SAS Variable - REST_SYS

Occupant restraint system use

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 7558 | 5.7 | 0 | None used or not applicable |
| 98951 | 74.4 | 1 | Lap/shoulder belt |
| 1730 | 1.3 | 2 | Lap belt |
| 782 | 0.6 | 3 | Shoulder belt |
| 2041 | 1.5 | 5 | Motorcycle helmet |
| 3610 | 2.7 | 6 | Child safety seat |
| 468 | 0.4 | 7 | None available |
| 5274 | 4.0 | 8 | Restraint used - specifics unknown or other |
| 12628 | 9.5 | 9 | Unknown if used |

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

NHTSA SAS Variable - AIRBAG

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 18594 | 14.0 | 0 | No air bag available (includes airbags that are switched off) |
| 18640 | 14.0 | 1 | Deployed |
| 53130 | 39.9 | 2 | Non-deployed |
| 0 | 0.0 | 8 | Not applicable |
| 42678 | 32.1 | 9 | Unknown if available or deployed |

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

NHTSA SAS Variable - EJECT

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 126674 | 95.2 | 0 | Not ejected |
| 628 | 0.5 | 1 | Totally ejected |
| 141 | 0.1 | 2 | Partially ejected |
| 2175 | 1.6 | 5 | Not on police accident report (PAR) |
| 20 | 0.0 | 6 | Not coded |
| 8 | 0.0 | 7 | Ejected - unknown degree |
| 3332 | 2.5 | 8 | Not applicable |
| 64 | 0.0 | 9 | Unknown |

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

NHTSA SAS Variable - AGE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|------------------------|
| 558 | 0.4 | 0 | Less than one year old |
| 782 | 0.6 | 1 | - Age in years |
| 4 | 0.0 | 105 | |
| 8652 | 6.5 | 999 | Unknown |

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

NHTSA SAS Variable - SEX

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 72437 | 54.4 | 1 | Male |
| 54614 | 41.1 | 2 | Female |
| 5991 | 4.5 | 9 | Unknown |

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

NHTSA SAS Variable - INJ_SEV

Occupant injury severity

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------|
| 85074 | 63.9 | 0 | No injury (O) |
| 17399 | 13.1 | 1 | Possible injury (C) |
| 14452 | 10.9 | 2 | Nonincapacitating injury (B) |
| 9622 | 7.2 | 3 | Incapacitating injury (A) |
| 1047 | 0.8 | 4 | Fatal injury (K) |
| 691 | 0.5 | 5 | Injured, severity unknown (U) |
| 5 | 0.0 | 6 | Died prior to crash |
| 4752 | 3.6 | 9 | Unknown if injured |

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

NHTSA SAS Variable - HOSPITAL

Occupant taken to hospital or treatment facility

22May09 Prcnt Code Value and Description

| | | | |
|--------|------|---|---------|
| 100367 | 75.4 | 0 | No |
| 30774 | 23.1 | 1 | Yes |
| 1901 | 1.4 | 9 | Unknown |

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

NHTSA SAS Variable - PER_ALCH

Police crash report alcohol involvement - drivers only

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-------------------------------------|
| 36774 | 27.6 | 0 | Not applicable |
| 80599 | 60.6 | 1 | Alcohol not involved |
| 4168 | 3.1 | 2 | Alcohol involved |
| 1336 | 1.0 | 6 | Not on police accident report (PAR) |
| 4415 | 3.3 | 7 | Not coded |
| 5750 | 4.3 | 9 | Unknown (police reported) |

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

NHTSA SAS Variable - PER_DRUG

Police crash report drug involvement - drivers only

22May09 Prcnt Code Value and Description

| | | | |
|-------|------|---|-------------------------------------|
| 36774 | 27.6 | 0 | Not applicable |
| 83163 | 62.5 | 1 | Drugs not involved |
| 668 | 0.5 | 2 | Drugs involved |
| 1386 | 1.0 | 6 | Not on police accident report (PAR) |
| 4693 | 3.5 | 7 | Not coded |
| 6358 | 4.8 | 9 | Unknown |

| | | | |
|--------------|--------------------|-----------|---------------|
| Variable 215 | ALCOHOL TEST GIVEN | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - ALCHTEST

Police crash reported alcohol test given - drivers only

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 62890 | 47.3 | 0 | No test given |
| 2914 | 2.2 | 1 | Test given |
| 24040 | 18.1 | 6 | Not on police accident report (PAR) |
| 6183 | 4.6 | 7 | Not coded |
| 36774 | 27.6 | 8 | Not applicable - non-driver |
| 241 | 0.2 | 9 | Unknown |

| | | | |
|--------------|-----------------|-----------|---------------|
| Variable 216 | DRUG TEST GIVEN | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - DRUGTEST

Police crash reported drug test given - drivers only

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 55263 | 41.5 | 0 | No test given |
| 1005 | 0.8 | 1 | Test given |
| 32967 | 24.8 | 6 | Not on police accident report (PAR) |
| 6856 | 5.2 | 7 | Not coded |
| 36774 | 27.6 | 8 | Not applicable - non-driver |
| 177 | 0.1 | 9 | Unknown |

| | | | |
|--------------|--------|-----------|---------------|
| Variable 217 | FILLER | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 0 |

| | | | |
|--------------|---------------------|-----------|---------------|
| Variable 218 | POLICE JURISDICTION | Width: 3 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

| | | | |
|--------------|---------|-----------|---------------|
| Variable 219 | STRATUM | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - STRATUM

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 14952 | 11.2 | 1 | Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 16317 | 12.3 | 2 | Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C. |
| 17371 | 13.1 | 3 | Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B. |
| 32419 | 24.4 | 4 | Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash. |
| 22558 | 17.0 | 5 | Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 29425 | 22.1 | 6 | Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved. |

| | | | |
|--------------|------------|-----------|---------------|
| Variable 220 | PSU NUMBER | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PSU

| | | | |
|--------------|-------------------|-----------|---------------|
| Variable 221 | REGION OF COUNTRY | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - REGION

| 22May09 Prcnt | Code | Value and Description |
|---------------|------|--|
| 20037 15.1 | 1 | Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT) |
| 31299 23.5 | 2 | Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS) |
| 55505 41.7 | 3 | South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX) |
| 26201 19.7 | 4 | West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI) |

| | | | |
|--------------|--------|----------|---------------|
| Variable 222 | WEIGHT | Width: 7 | Type: Numeric |
| | | Dec: 2 | Miss: None |

NHTSA SAS Variable - WEIGHT

Imputed OCCUPANT Variables

Variables 223 through 228 are imputed versions of previous variables found in the occupant dataset.

| | | | |
|--------------|----------------------|-----------|---------------|
| Variable 223 | IMPUTED OCCUPANT AGE | Width: 3 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - AGE_H

This variable was imputed by NHTSA

| 22May09 Prcnt | Code | Value and Description |
|---------------|------|------------------------|
| 640 0.5 | 0 | Less than one year old |
| 893 0.7 | 1 | - Age in years |
| 4 0.0 | 105 | |

| | | | |
|--------------|-------------------------|-----------|---------------|
| Variable 224 | IMP PAR ALC INVOLVEMENT | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PERALC_H

This variable was imputed by NHTSA

Variable 224:IMP PAR ALC INVOLVEMENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 36774 | 27.6 | 0 | Not applicable |
| 90781 | 68.2 | 1 | Alcohol not involved |
| 5487 | 4.1 | 2 | Alcohol involved |

| Variable 225 | IMPUT OCCUPANT EJECTION | Width: 1 | Type: Numeric |
|--------------|-------------------------|-----------|---------------|
| | | Dec: None | Miss: None |

NHTSA SAS Variable - EJECT_I

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 128880 | 96.9 | 0 | Not ejected |
| 629 | 0.5 | 1 | Totally ejected |
| 141 | 0.1 | 2 | Partially ejected |
| 0 | 0.0 | 5 | Not on police accident report (PAR) |
| 8 | 0.0 | 7 | Ejected - unknown degree |
| 3384 | 2.5 | 8 | Not applicable |

| Variable 226 | IMP OCC INJURY SEVERITY | Width: 1 | Type: Numeric |
|--------------|-------------------------|-----------|---------------|
| | | Dec: None | Miss: None |

NHTSA SAS Variable - INJSEV_H

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------|
| 89280 | 67.1 | 0 | No injury (O) |
| 17661 | 13.3 | 1 | Possible injury(C) |
| 14673 | 11.0 | 2 | Nonincapacitating injury (B) |
| 9661 | 7.3 | 3 | Incapacitating injury (A) |
| 1066 | 0.8 | 4 | Fatal injury (K) |
| 696 | 0.5 | 5 | Injured, severity unknown (U) |
| 5 | 0.0 | 6 | Died prior to crash |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 227 | IMP OCC SEATING POSITION | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - SEAT_H

Occupant seating position

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 0 | 0.0 | 0 | Nonmotorist |
| 96263 | 72.4 | 11 | Front seat - left side (driver's side) |
| 385 | 0.3 | 12 | Front seat - middle |
| 20234 | 15.2 | 13 | Front seat - right side |
| 5375 | 4.0 | 21 | Second seat - left side |
| 2000 | 1.5 | 22 | Second seat - middle |
| 6389 | 4.8 | 23 | Second seat - right side |
| 267 | 0.2 | 31 | Third seat - left side |
| 113 | 0.1 | 32 | Third seat - middle |
| 320 | 0.2 | 33 | Third seat - right side |
| 0 | 0.0 | 41 | Fourth seat - left side |
| 0 | 0.0 | 42 | Fourth seat - middle |
| 3 | 0.0 | 43 | Fourth seat - right side |
| 90 | 0.1 | 50 | Sleeper section of cab (truck) |
| 1099 | 0.8 | 51 | Other passenger in passenger or cargo area |
| 18 | 0.0 | 52 | Trailing unit |
| 486 | 0.4 | 53 | Riding on vehicle exterior |

| | | | |
|--------------|----------------------|-----------|---------------|
| Variable 228 | IMPUTED OCCUPANT SEX | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - SEX_H

This variable was imputed by NHTSA

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 75993 | 57.1 | 1 | Male |
| 57049 | 42.9 | 2 | Female |

Multiple Response Impairment Variables

Driver Impairment is allowed an unlimited number of entries.
The maximum number recorded this year are shown below.

| | | | |
|--------------|------------------------|-----------|---------------|
| Variable 229 | PHYSICAL IMPAIRMENT #1 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MIMPAIR

Physical impairment #1

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for Driver Only: |
| 80616 | 60.6 | 0 | None |
| 570 | 0.4 | 1 | Ill, blackout |
| 965 | 0.7 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| 3 | 0.0 | 3 | Requires cane or crutches |
| 4 | 0.0 | 4 | Paraplegic or restricted to wheelchair |
| 3 | 0.0 | 5 | Impaired due to previous injury |
| 5 | 0.0 | 6 | Deaf |
| 0 | 0.0 | 7 | Blind |
| 4629 | 3.5 | 50 | Hit-and-run (and no information) |
| 29 | 0.0 | 93 | Not on Police Accident Report (PAR) |
| 4003 | 3.0 | 94 | Not coded |
| 81 | 0.1 | 97 | Physical impairment - no details |
| 3005 | 2.3 | 98 | Other physical impairment |
| 39129 | 29.4 | 99 | Unknown if physically impaired |

| | | | |
|--------------|------------------------|-----------|---------------|
| Variable 230 | PHYSICAL IMPAIRMENT #2 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MIMPAIR

Physical impairment #2

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for Driver Only: |
| 96165 | 72.3 | 0 | None |
| 31 | 0.0 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| 1 | 0.0 | 4 | Paraplegic or restricted to wheelchair |
| 1 | 0.0 | 5 | Impaired due to previous injury |
| 70 | 0.1 | 98 | Other physical impairment |
| 36774 | 27.6 | 99 | Unknown if physically impaired |

| | | | |
|---------------------|-------------------------------|-----------|---------------|
| <u>Variable 231</u> | <u>PHYSICAL IMPAIRMENT #3</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MIMPAIR

Physical impairment #3

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--------------------------------|
| | | | Coded for Driver Only: |
| 96268 | 72.4 | 0 | None |
| 36774 | 27.6 | 99 | Unknown if physically impaired |

The NONMOTORIST Variables

Variables 301 through 340 describe the Nonmotorists involved in the Accident. The Nonmotorist data set contains these variables along with the Accident variables, the Vehicle variables for the striking vehicle and the Occupant variables for the driver of the striking vehicle on a Nonmotorist level.

| | | | |
|--------------|-------------|-----------|------------------|
| Variable 301 | CASE NUMBER | Width: 12 | Type: Alphabetic |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - CASENUM

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

NHTSA SAS Variable - STR_VEH

Vehicle number which made contact with the nonmotorist

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| | 0 0.0 | 0 | Not applicable |
| 4219 | 99.0 | 1 | Vehicle #1 |
| 38 | 0.9 | 2 | Vehicle #2 |
| 4 | 0.1 | 3 | Vehicle #3 |

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

NHTSA SAS Variable - PERNO

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 4017 | 94.3 | 1 | - Nonmotorist number |
| 2 | 0.0 | 6 | |

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

NHTSA SAS Variable - PER_TYPE

Indicates the role of the nonmotorist

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| | | | Nonmotorists occupant |
| 326 | 7.7 | 3 | Occupant of a motor vehicle not in transport |
| 104 | 2.4 | 4 | Occupant of a nonmotor vehicle transport device |
| | | | Nonmotorists non-occupant |
| 2160 | 50.7 | 5 | Pedestrian |
| 1599 | 37.5 | 6 | Cyclist (pedalcyclist) |
| 51 | 1.2 | 7 | Person in or on a working vehicle |
| 21 | 0.5 | 8 | Other or unknown non-occupant |

| | | | |
|--------------|--------|-----------|---------------|
| Variable 305 | FILLER | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 0 |

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

| | | | |
|--------------|--------|-----------|---------------|
| Variable 307 | FILLER | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 8 |

| | | | |
|--------------|--------|-----------|---------------|
| Variable 308 | FILLER | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 8 |

| | | | |
|--------------|-----------------|-----------|---------------|
| Variable 309 | NONMOTORIST AGE | Width: 3 | Type: Numeric |
| | | Dec: None | Miss: 999 |

NHTSA SAS Variable - AGE

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|------------------------|
| 5 | 0.1 | 0 | Less than one year old |
| 17 | 0.4 | 1 | |
| | | - | Age in years |
| 1 | 0.0 | 99 | |
| 126 | 3.0 | 999 | Unknown |

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

NHTSA SAS Variable - SEX

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 2823 | 66.3 | 1 | Male |
| 1403 | 32.9 | 2 | Female |
| 35 | 0.8 | 9 | Unknown |

| | | | |
|--------------|----------------------|-----------|---------------|
| Variable 311 | NMTR INJURY SEVERITY | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - INJ_SEV

Nonmotorist injury severity

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------|
| 341 | 8.0 | 0 | No injury (O) |
| 295 | 6.9 | 1 | Possible injury (C) |
| 2519 | 59.1 | 2 | Nonincapacitating injury (B) |
| 934 | 21.9 | 3 | Incapacitating injury (A) |
| 123 | 2.9 | 4 | Fatal injury (K) |
| 33 | 0.8 | 5 | Injured, severity unknown (U) |
| 1 | 0.0 | 6 | Died prior to crash |
| 15 | 0.4 | 9 | Unknown if injured |

| | | | |
|--------------|-------------------------|-----------|---------------|
| Variable 312 | TAKEN TO HOSP/TREATMENT | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - HOSPITAL

Nonmotorist taken to hospital or treatment facility

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------|
| 1185 | 27.8 | 0 | No |
| 2868 | 67.3 | 1 | Yes |
| 208 | 4.9 | 9 | Unknown |

| | | | |
|--------------|-------------------------|-----------|---------------|
| Variable 313 | PAR ALCOHOL INVOLVEMENT | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - PER_ALCH

Police crash report alcohol involvement

Variable 313: PAR ALCOHOL INVOLVEMENT (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 326 | 7.7 | 0 | Not applicable |
| 3073 | 72.1 | 1 | Alcohol not involved |
| 219 | 5.1 | 2 | Alcohol involved |
| 85 | 2.0 | 6 | Not on police accident report (PAR) |
| 359 | 8.4 | 7 | Not coded |
| 199 | 4.7 | 9 | Unknown (police reported) |

| Variable 314 | PAR DRUG INVOLVEMENT | Width: 1 | Type: Numeric |
|--------------|----------------------|-----------|---------------|
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - PER_DRUG

Police crash report drug involvement

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--------------------------------------|
| | | | Drugs not involved or not applicable |
| 326 | 7.7 | 0 | Not applicable |
| 3237 | 76.0 | 1 | Drugs not involved |
| 15 | 0.4 | 2 | Drugs involved |
| 87 | 2.0 | 6 | Not on police accident report (PAR) |
| 383 | 9.0 | 7 | Not coded |
| | | | Drugs and/or alcohol involved |
| 213 | 5.0 | 9 | Unknown (police reported) |

| Variable 315 | ALCOHOL TEST GIVEN | Width: 1 | Type: Numeric |
|--------------|--------------------|-----------|---------------|
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - ALCHTEST

Police crash reported alcohol test given - drivers only

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 2001 | 47.0 | 0 | No test given |
| 44 | 1.0 | 1 | Test given |
| 1347 | 31.6 | 6 | Not on police accident report (PAR) |
| 510 | 12.0 | 7 | Not coded |
| 326 | 7.7 | 8 | Not applicable - non-driver |
| 33 | 0.8 | 9 | Unknown |

| | | | |
|--------------|-----------------|-----------|---------------|
| Variable 316 | DRUG TEST GIVEN | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 9 |

NHTSA SAS Variable - DRUGTEST

Police crash reported drug test given - drivers only

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-------------------------------------|
| 1443 | 33.9 | 0 | No test given |
| 19 | 0.4 | 1 | Test given |
| 1932 | 45.3 | 6 | Not on police accident report (PAR) |
| 522 | 12.3 | 7 | Not coded |
| 326 | 7.7 | 8 | Not applicable - non-driver |
| 19 | 0.4 | 9 | Unknown |

| | | | |
|--------------|---------------|-----------|---------------|
| Variable 317 | NMTR LOCATION | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - LOCATN

Nonmotorist location

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| 0 | 0.0 | 0 | Not applicable - driver or occupant of MV in transport |
| 868 | 20.4 | 1 | Intersection - in crosswalk |
| 1118 | 26.2 | 2 | Intersection - on roadway |
| 21 | 0.5 | 8 | Intersection - other |
| 20 | 0.5 | 9 | Intersection - unknown location |
| 37 | 0.9 | 11 | Nonintersection - in crosswalk |
| 1662 | 39.0 | 12 | Nonintersection - on roadway |
| 359 | 8.4 | 18 | Nonintersection - other |
| 35 | 0.8 | 19 | Nonintersection - unknown location |
| 0 | 0.0 | 20 | In crosswalk - unknown if intersection |
| 123 | 2.9 | 98 | Other location |
| 18 | 0.4 | 99 | Unknown location |

| | | | |
|--------------|---------------------|-----------|---------------|
| Variable 318 | POLICE JURISDICTION | Width: 3 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PJ

Police Jurisdiction codes repeated in each PSU.

| | | | |
|---------------------|----------------|-----------|---------------|
| <u>Variable 319</u> | <u>STRATUM</u> | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - STRATUM

22May09 Prcnt Code Value and Description

| | | | |
|------|------|---|--|
| 59 | 1.4 | 1 | Group 1L - applies if an occupant of a towed passenger vehicle is killed. Stratum L also applies when the crash involves one towed passenger vehicle, and one of the occupants received an A injury and is transported to a medical facility for treatment -or- the crash involves two or more passenger vehicles, at least two passenger vehicles must be towed and one of the occupants of the towed passenger vehicle received an A injury and is transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 169 | 4.0 | 2 | Group 2 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N; but involves at least one medium or heavy truck and either a vehicle which is towed due to damage or at least one involved person that has a police reported injury of K, A, B, or C. |
| 3504 | 82.2 | 3 | Group 3 - applies if the NASS crash does not qualify for Group 1-Stratum L, M or N or Group 2; none of the vehicles involved in the crash are medium or heavy trucks and at least one person involved in the crash has a police reported injury of K, A, or B. |
| 390 | 9.2 | 4 | Group 4 - applies if the crash does not qualify for Group 1-Stratum L, M or N; Group 2 or Group 3. Further clarification: No one in the crash can receive a K, A or B injury. A person can receive a C injury if there are no medium/heavy trucks involved in the crash. |
| 53 | 1.2 | 5 | Group 1M - applies if the NASS crash does not qualify for Group 1-Stratum L, but at least one occupant of a towed passenger vehicle is injured and transported to a medical facility for treatment. No medium or heavy trucks may be involved. |
| 86 | 2.0 | 6 | Group 1N - applies if the NASS crash does not qualify for Group 1-Stratum L or Group 1-Stratum M, but a passenger vehicle is towed and no medium or heavy trucks are involved. |

| | | | |
|---------------------|-------------------|-----------|---------------|
| <u>Variable 320</u> | <u>PSU NUMBER</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PSU

| | | | |
|--------------|-------------------|-----------|---------------|
| Variable 321 | REGION OF COUNTRY | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - REGION

| 22May09 Prcnt | Code | Value and Description |
|---------------|------|--|
| 871 20.4 | 1 | Northeast (PA, NJ, NY, NH, VT, RI, MA, ME, CT) |
| 942 22.1 | 2 | Midwest (OH, IN, IL, MI, WI, MN, ND, SD, NE, IA, MO, KS) |
| 1248 29.3 | 3 | South (MD, DE, DC, WV, VA, KY, TN, NC, SC, GA, FL, AL, MS, LA, AR, OK, TX) |
| 1200 28.2 | 4 | West (MT, ID, WA, OR, CA, NV, NM, AZ, UT, CO, WY, AK, HI) |

| | | | |
|--------------|--------|----------|---------------|
| Variable 322 | WEIGHT | Width: 7 | Type: Numeric |
| | | Dec: 2 | Miss: None |

NHTSA SAS Variable - WEIGHT

Imputed NONMOTORIST Variables

Variables 323 through 328 are imputed versions of previous variables found in the nonmotorist dataset.

| | | | |
|--------------|-------------------------|-----------|---------------|
| Variable 323 | IMPUTED NONMOTORIST AGE | Width: 3 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - AGE_H

This variable was imputed by NHTSA

| 22May09 Prcnt | Code | Value and Description |
|---------------|------|------------------------|
| 5 0.1 | 0 | Less than one year old |
| 17 0.4 | 1 | - |
| | | Age in years |
| 1 0.0 | 99 | |

| | | | |
|--------------|-------------------------|-----------|---------------|
| Variable 324 | IMP PAR ALC INVOLVEMENT | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - PERALC_H previously ALCH_H from 1988-1993

This variable was imputed by NHTSA

Variable 324:IMP PAR ALC INVOLVEMENT (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|------|------|---|----------------------|
| 326 | 7.7 | 0 | Not applicable |
| 3656 | 85.8 | 1 | Alcohol not involved |
| 279 | 6.5 | 2 | Alcohol involved |

| | | | |
|--------------|--------|-----------|---------------|
| Variable 325 | FILLER | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: 8 |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 326 | IMP NMTR INJURY SEVERITY | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - INJSEV_H

This variable was imputed by NHTSA

22May09 Prcnt Code Value and Description

| | | | |
|------|------|---|-------------------------------|
| 348 | 8.2 | 0 | No injury (O) |
| 298 | 7.0 | 1 | Possible injury(C) |
| 2523 | 59.2 | 2 | Nonincapacitating injury (B) |
| 935 | 21.9 | 3 | Incapacitating injury (A) |
| 123 | 2.9 | 4 | Fatal injury (K) |
| 33 | 0.8 | 5 | Injured, severity unknown (U) |
| 1 | 0.0 | 6 | Died prior to crash |

| | | | |
|--------------|--------|-----------|---------------|
| Variable 327 | FILLER | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 0 |

| | | | |
|--------------|-------------------------|-----------|---------------|
| Variable 328 | IMPUTED NONMOTORIST SEX | Width: 1 | Type: Numeric |
| | | Dec: None | Miss: None |

NHTSA SAS Variable - SEX_H

This variable was imputed by NHTSA

22May09 Prcnt Code Value and Description

| | | | |
|------|------|---|--------|
| 2841 | 66.7 | 1 | Male |
| 1420 | 33.3 | 2 | Female |

Multiple Response Variables

Variables 329 through 340 are allowed an unlimited number of entries. The maximum number recorded this year are shown below.

| | | | |
|--------------|-------------------------------|-----------|---------------|
| Variable 329 | <u>PHYSICAL IMPAIRMENT #1</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MIMPAIR

Physical impairment #1

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|--|
| | | | Coded for nonmotorist only: |
| 3707 | 87.0 | 0 | None |
| 1 | 0.0 | 1 | Ill, blackout |
| 2 | 0.0 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| 4 | 0.1 | 3 | Requires cane or crutches |
| 34 | 0.8 | 4 | Paraplegic or restricted to wheelchair |
| 0 | 0.0 | 5 | Impaired due to previous injury |
| 1 | 0.0 | 6 | Deaf |
| 3 | 0.1 | 7 | Blind |
| 0 | 0.0 | 50 | Hit-and-run (and no information) |
| 19 | 0.4 | 93 | Not on Police Accident Report (PAR) |
| 204 | 4.8 | 94 | Not coded |
| 4 | 0.1 | 97 | Physical impairment - no details |
| 78 | 1.8 | 98 | Other physical impairment |
| 204 | 4.8 | 99 | Unknown if physically impaired |

| | | | |
|--------------|-------------------------------|-----------|---------------|
| Variable 330 | <u>PHYSICAL IMPAIRMENT #2</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MIMPAIR2

Physical impairment #2

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

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|-----------------------------|
| | | | Coded for nonmotorist only: |
| 4261 | 100.0 | 0 | None |

| | | | |
|--------------|------------------------------|-----------|---------------|
| Variable 331 | <u>NONMOTORIST ACTION #1</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MACTION

Nonmotorist action #1

Variable 331:NONMOTORIST ACTION #1 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|-------------------------------|-------|------|---|
| 1629 | 38.2 | 0 | No action |
| Nonmotorist Vehicle Operator: | | | |
| 31 | 0.7 | 1 | Failing to have lights on when required |
| 17 | 0.4 | 2 | Operating without required equipment |
| 23 | 0.5 | 3 | Improper or erratic lane changing |
| 17 | 0.4 | 4 | Failure to keep in proper lane or running off road |
| 98 | 2.3 | 5 | Making improper entry to or exit from trafficway |
| 6 | 0.1 | 6 | Operating the vehicle in other erratic, reckless, careless or negligent manner |
| 392 | 9.2 | 7 | Failure to yield right of way |
| 21 | 0.5 | 8 | Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone |
| 20 | 0.5 | 9 | Making other improper turn |
| 189 | 4.4 | 10 | Driving on wrong side of road |
| Other Nonmotorist: | | | |
| 379 | 8.9 | 21 | Darting or running into road |
| 456 | 10.7 | 22 | Improper crossing of roadway or intersection (jaywalking) |
| 18 | 0.4 | 24 | Inattentive (talking, eating, etc.) |
| 9 | 0.2 | 25 | Jogging |
| 2 | 0.0 | 26 | Nonmotorist pushing a vehicle |
| 71 | 1.7 | 27 | Walking with traffic |
| 21 | 0.5 | 28 | Walking against traffic |
| 128 | 3.0 | 29 | Playing, working, sitting, lying, standing, etc. in roadway |
| 263 | 6.2 | 98 | Other action |
| 471 | 11.1 | 99 | Unknown action |

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

NHTSA SAS Variable - MACTION2

Nonmotorist action #2

| 22May09 | Prcnt | Code | Value and Description |
|-------------------------------|-------|------|---|
| 3544 | 83.2 | 0 | No action |
| Nonmotorist Vehicle Operator: | | | |
| 11 | 0.3 | 2 | Operating without required equipment |
| 1 | 0.0 | 4 | Failure to keep in proper lane or running off road |
| 4 | 0.1 | 5 | Making improper entry to or exit from trafficway |
| 2 | 0.0 | 6 | Operating the vehicle in erratic, reckless, careless or negligent manner |
| 62 | 1.5 | 7 | Failure to yield right of way |
| 103 | 2.4 | 8 | Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone |

Variable 332:NONMOTORIST ACTION #2 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------------------|-------|------|---|
| 3 | 0.1 | 9 | Making other improper turns |
| 39 | 0.9 | 10 | Driving on wrong side of road |
| Other Nonmotorists: | | | |
| 100 | 2.3 | 22 | Improper crossing of roadway or intersection (jaywalking) |
| 12 | 0.3 | 24 | Inattentive (talking, eating, etc.) |
| 1 | 0.0 | 25 | Jogging |
| 1 | 0.0 | 27 | Walking with traffic |
| 9 | 0.2 | 29 | Playing, working, sitting, lying, standing, etc. in roadway |
| 43 | 1.0 | 98 | Other action |
| 326 | 7.7 | 99 | Unknown action |

| | | | |
|--------------|-----------------------|-----------|---------------|
| Variable 333 | NONMOTORIST ACTION #3 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MACTION3

Nonmotorist action #3

| 22May09 | Prcnt | Code | Value and Description |
|-------------------------------|-------|------|---|
| 3902 | 91.6 | 0 | No action |
| Nonmotorist Vehicle Operator: | | | |
| 1 | 0.0 | 6 | Operating the vehicle in erratic, reckless, careless or negligent manner |
| 6 | 0.1 | 7 | Failure to yield right of way |
| 3 | 0.1 | 8 | Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone |
| 11 | 0.3 | 10 | Driving on wrong side of road |
| Other Nonmotorists: | | | |
| 4 | 0.1 | 24 | Inattentive (talking, eating, etc.) |
| 1 | 0.0 | 27 | Walking with traffic |
| 7 | 0.2 | 98 | Other action |
| 326 | 7.7 | 99 | Unknown action |

| | | | |
|--------------|-----------------------|-----------|---------------|
| Variable 334 | NONMOTORIST ACTION #4 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MACTION4

Nonmotorist action #4

Variable 334:NONMOTORIST ACTION #4 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|-------------------------------|-------|------|---|
| 3930 | 92.2 | 0 | No action |
| Nonmotorist Vehicle Operator: | | | |
| 1 | 0.0 | 7 | Failure to yield right of way |
| 1 | 0.0 | 8 | Failure to obey traffic signs, traffic control devices or traffic officers, failure to obey safety zone |
| 1 | 0.0 | 10 | Driving on wrong side of road |
| Other Nonmotorists: | | | |
| 2 | 0.0 | 98 | Other action |
| 326 | 7.7 | 99 | Unknown action |

| Variable 335 | NONMOTORIST ACTION #5 | Width: 2 | Type: Numeric |
|--------------|-----------------------|-----------|---------------|
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MACTION5

Nonmotorist action #5

| 22May09 | Prcnt | Code | Value and Description |
|-------------------------------|-------|------|-----------------------|
| 3935 | 92.3 | 0 | No action |
| Nonmotorist Vehicle Operator: | | | |
| Other Nonmotorists: | | | |
| 326 | 7.7 | 99 | Unknown action |

| Variable 336 | BICYCL TRAF CNTRL DEVC#1 | Width: 2 | Type: Numeric |
|--------------|--------------------------|-----------|---------------|
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - BTRAFCON

Bicycle traffic control device #1

| 22May09 | Prcnt | Code | Value and Description |
|---------------------------------|-------|------|--|
| 896 | 21.0 | 0 | No controls |
| NOT AT RAILROAD GRADE CROSSING: | | | |
| Trafficway Traffic Signals | | | |
| 413 | 9.7 | 1 | Traffic control signal (on colors) |
| 7 | 0.2 | 4 | Flashing traffic control signal or flashing beacon |
| 3 | 0.1 | 8 | Other traffic signal |
| 0 | 0.0 | 9 | Unknown traffic signal |

Variable 336: BICYCL TRAF CNTRL DEVC#1 (Continued)

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| | | | Regulatory, School Zone Signs |
| 132 | 3.1 | 21 | Stop sign |
| 4 | 0.1 | 22 | Yield sign |
| 0 | 0.0 | 23 | School zone related sign |
| 0 | 0.0 | 28 | Other sign |
| 0 | 0.0 | 29 | Unknown sign |
| | | | Warning Signs |
| 15 | 0.4 | 40 | Advisory speed sign |
| 0 | 0.0 | 41 | Warning sign for road conditions (hill, steep grade, etc.) |
| 1 | 0.0 | 42 | Warning sign for road construction |
| 0 | 0.0 | 43 | Warning sign for environment/traffic (fog ahead, wind, crash ahead, etc.) |
| 0 | 0.0 | 49 | Unknown type warning sign |
| | | | Miscellaneous Not at Railroad Crossing |
| 2 | 0.0 | 51 | Officer, crossing guard, flagman, etc. |
| | | | AT RAILROAD GRADE CROSSING: |
| 0 | 0.0 | 61 | Active device at RR crossing (gates, flashing lights, traffic signal) |
| 0 | 0.0 | 62 | Passive device at RR crossing (stop sign, cross bucks) |
| | | | OTHER: |
| 3 | 0.1 | 97 | Traffic control present - no details |
| 3 | 0.1 | 98 | Other traffic control (whether or not at RR grade crossing) |
| 2782 | 65.3 | 99 | Unknown |

| | | | |
|--------------|--------------------------|-----------|---------------|
| Variable 337 | BICYCL TRAF CNTRL DEVC#2 | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - BTRAFCON2

Bicycle traffic control device #2

| 22May09 | Prcnt | Code | Value and Description |
|---------|-------|------|---|
| 1592 | 37.4 | 0 | No controls |
| | | | NOT AT RAILROAD GRADE CROSSING: Trafficway Traffic Signals |
| | | | Regulatory, School Zone Signs |
| 1 | 0.0 | 21 | Stop sign |
| 2 | 0.0 | 28 | Other sign |
| | | | Warning Signs |
| 1 | 0.0 | 42 | Warning sign for road construction |

Variable 337: BICYCL TRAF CNTRL DEVC#2 (Continued)

22May09 Prcnt Code Value and Description

| | | | |
|------|------|----|---|
| | | | Miscellaneous Not at Railroad Crossing |
| 1 | 0.0 | 51 | Officer, crossing guard, flagman, etc. |
| | | | AT RAILROAD GRADE CROSSING: |
| | | | OTHER: |
| 2 | 0.0 | 98 | Other traffic control (whether or not at RR grade crossing) |
| 2662 | 62.5 | 99 | Unknown |

| | | | |
|---------------------|---------------------------------|-----------|---------------|
| <u>Variable 338</u> | <u>SAFETY EQUIPMENT USED #1</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #1

22May09 Prcnt Code Value and Description

| | | | |
|------|------|----|---|
| 0 | 0.0 | 0 | Not applicable |
| 3112 | 73.0 | 1 | None used |
| 348 | 8.2 | 2 | Bicycle helmet |
| 6 | 0.1 | 3 | Reflective equipment |
| 0 | 0.0 | 4 | Bicycle helmet and reflective equipment |
| 12 | 0.3 | 8 | Other safety equipment |
| 406 | 9.5 | 9 | Unknown if used |
| 377 | 8.8 | 99 | No record |

| | | | |
|---------------------|---------------------------------|-----------|---------------|
| <u>Variable 339</u> | <u>SAFETY EQUIPMENT USED #2</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #2

22May09 Prcnt Code Value and Description

| | | | |
|------|------|----|----------------------|
| 3882 | 91.1 | 0 | Not applicable |
| 2 | 0.0 | 3 | Reflective equipment |
| 377 | 8.8 | 99 | No record |

| | | | |
|---------------------|---------------------------------|-----------|---------------|
| <u>Variable 340</u> | <u>SAFETY EQUIPMENT USED #3</u> | Width: 2 | Type: Numeric |
| | | Dec: None | Miss: 99 |

NHTSA SAS Variable - MSAFEQMT

Nonmotorist safety equipment used #3

22May09 Prcnt Code Value and Description

| | | | |
|------|------|----|----------------|
| 3884 | 91.2 | 0 | Not applicable |
| 377 | 8.8 | 99 | No record |

Index to Variables and Code Value Names

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

"+" = Many code values for this variable

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| abandoned | 132 | 4 | Abandoned |
| absorber | 175 | 4 | Suspension-springs, shock absorbers, mac |
| absorber | 176 | 4 | Suspension-springs, shock absorbers, mac |
| absorber | 177 | 4 | Suspension-springs, shock absorbers, mac |
| absorber | 178 | 4 | Suspension-springs, shock absorbers, mac |
| abutment | 10 | 34 | Bridge structure (bridge pier/abutment/p |
| abutment | 37 | 34 | Bridge structure (pier/abutment/parapet |
| abutment | 75 | 134 | Bridge structure (bridge pier/abutment/p |
| abutment | 133 | 34 | Bridge structure (bridge pier/abutment/p |
| abutment | 168 | 34 | Bridge structure (bridge pier/abutment/p |
| accelerated | 137 | 12 | Accelerated and steered to right |
| accelerating | 135 | 3 | Accelerating in traffic lane |
| accelerating | 137 | 10 | Accelerating |
| accelerating | 161 | 3 | Accelerating in traffic lane |
| access | 13 | 3 | Driveway, alley access, etc. |
| access | 45 | 3 | Driveway, alley access, etc. |
| access | 136 | 70 | From driveway, alley access, etc. - turn |
| across | 136 | 66 | From crossing street, straight across pa |
| action | 25 | 15 | Motorist overtaking, counteractive evasi |
| action | 81 | * | ACTION FOR THIS EVENT |
| action | 135 | 17 | Successful corrective action/avoidance m |
| action | 137 | * | CORRECTIVE ACTION ATTEMP |
| action | 161 | 17 | Successful corrective action to a previo |
| action | 331 | * | NONMOTORIST ACTION #1 |
| action | 332 | * | NONMOTORIST ACTION #2 |
| action | 333 | * | NONMOTORIST ACTION #3 |
| action | 334 | * | NONMOTORIST ACTION #4 |
| action | 335 | * | NONMOTORIST ACTION #5 |
| active | 20 | 61 | Active devices (gates, flashing lights, |
| active | 48 | 61 | Active devices (gates, flashing lights, |
| active | 169 | 61 | Active devices at RR crossing (gates, fl |
| active | 170 | 61 | Active devices at RR crossing (gates, fl |
| active | 171 | 61 | Active devices at RR crossing (gates, fl |
| active | 172 | 61 | Active devices at RR crossing (gates, fl |
| active | 336 | 61 | Active device at RR crossing (gates, fla |
| active | 337 | 61 | Active devices at RR crossing (gates, fl |
| acura | 105 | 54 | Acura |
| adjusting | 182 | 7 | While adjusting climate control |
| adjusting | 183 | 7 | While adjusting climate control |
| adjusting | 184 | 7 | While adjusting climate control |
| adverse | 23 | 1 | No adverse atmospheric conditions |
| adverse | 49 | 1 | No adverse atmospheric related driving c |
| advisory | 20 | 40 | Advisory speed sign |
| advisory | 48 | 40 | Advisory speed sign |
| advisory | 169 | 40 | Advisory speed sign |
| advisory | 170 | 40 | Advisory speed sign |
| advisory | 171 | 40 | Advisory speed sign |
| advisory | 172 | 40 | Advisory speed sign |
| advisory | 336 | 40 | Advisory speed sign |
| advisory | 337 | 40 | Advisory speed sign |
| aerostar | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| aerostar | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| age | 209 | * | OCCUPANT AGE |
| age | 223 | * | IMPUTED OCCUPANT AGE |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| age | 309 | * | NONMOTORIST AGE |
| age | 323 | * | IMPUTED NONMOTORIST AGE |
| ahead | 20 | 43 | Warning sign for environment/traffic (fo |
| ahead | 48 | 43 | Warning sign for environment/traffic (fo |
| ahead | 169 | 43 | Warning sign for environment/traffic (fo |
| ahead | 170 | 43 | Warning sign for environment/traffic (fo |
| ahead | 171 | 43 | Warning sign for environment/traffic (fo |
| ahead | 172 | 43 | Warning sign for environment/traffic (fo |
| ahead | 336 | 43 | Warning sign for environment/traffic (fo |
| ahead | 337 | 43 | Warning sign for environment/traffic (fo |
| air | 207 | 0 | No air bag available (includes airbags t |
| airbag | 207 | * | AIRBAG AVAIL/FUNCTION |
| airbags | 207 | 0 | No air bag available (includes airbags t |
| alcohol | 28 | * | ALCOHOL INVOLVED IN ACC |
| alcohol | 35 | * | IMP ALC INVOLVED IN ACC |
| alcohol | 151 | 1 | Alcohol involved |
| alcohol | 165 | 1 | Alcohol or drugs |
| alcohol | 167 | * | IMP ALC INVOLVED IN VEH |
| alcohol | 185 | 1 | Alcohol |
| alcohol | 186 | 1 | Alcohol |
| alcohol | 187 | 1 | Alcohol |
| alcohol | 188 | 1 | Alcohol |
| alcohol | 189 | 1 | Alcohol |
| alcohol | 213 | * | PAR ALCOHOL INVOLVEMENT |
| alcohol | 215 | * | ALCOHOL TEST GIVEN |
| alcohol | 224 | * | IMP PAR ALC INVOLVEMENT |
| alcohol | 313 | * | PAR ALCOHOL INVOLVEMENT |
| alcohol | 315 | * | ALCOHOL TEST GIVEN |
| alcohol | 324 | * | IMP PAR ALC INVOLVEMENT |
| alfa | 105 | 31 | Alfa Romeo |
| alignment | 17 | * | ROADWAY ALIGNMENT |
| alignment | 36 | * | IMP ROADWAY ALIGNMENT |
| alignment | 143 | * | ROADWAY ALIGNMENT |
| alley | 13 | 3 | Driveway, alley access, etc. |
| alley | 21 | 0 | No statutory limit (parking lot, alley, |
| alley | 25 | 8 | Drive out, driveway/alley |
| alley | 45 | 3 | Driveway, alley access, etc. |
| alley | 46 | 0 | No statutory limit (parking lot, alley, |
| alley | 136 | 70 | From driveway, alley access, etc. - turn |
| alley | 146 | 0 | No statutory limit (parking lot, alley, |
| ambulance | 108 | 11 | Auto-based panel (cargo station wagon, a |
| ambulance | 112 | 6 | Ambulance |
| ambulance | 158 | 11 | Auto-based panel (cargo station wagon, a |
| amc | 105 | 46 | Renault/AMC |
| american | 105 | 1 | American Motors |
| american | 106 | + | Rambler/American |
| angle | 11 | 4 | Angle |
| angle | 40 | 4 | Angle |
| animal | 10 | 24 | Animal |
| animal | 37 | 24 | Animal |
| animal | 75 | 124 | Animal |
| animal | 133 | 24 | Animal |
| animal | 136 | 87 | Animal in roadway |
| animal | 168 | 24 | Animal |
| animal | 173 | 3 | Animal in road |
| animal | 174 | 3 | Animal in road |
| applies | 30 | 1 | Group 1L - applies if an occupant of a t |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|-----|--|
| applies | 78 | 1 | Group 1L - applies if an occupant of a t |
| applies | 154 | 1 | Group 1L - applies if an occupant of a t |
| applies | 219 | 1 | Group 1L - applies if an occupant of a t |
| applies | 319 | 1 | Group 1L - applies if an occupant of a t |
| approach | 25 | 97 | Unknown if approach paths are parallel o |
| april | 2 | 4 | April |
| arm | 175 | 4 | Suspension-springs, shock absorbers, mac |
| arm | 176 | 4 | Suspension-springs, shock absorbers, mac |
| arm | 177 | 4 | Suspension-springs, shock absorbers, mac |
| arm | 178 | 4 | Suspension-springs, shock absorbers, mac |
| arrow | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| arrow | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| asleep | 182 | 11 | Sleepy or fell asleep |
| asleep | 183 | 11 | Sleepy or fell asleep |
| asleep | 184 | 11 | Sleepy or fell asleep |
| asleep | 229 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| asleep | 230 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| asleep | 231 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| asleep | 329 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| asleep | 330 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| astro | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| astro | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| atc | 108 | 90 | ATV (all terrain vehicle including dune/ |
| atc | 158 | 90 | ATV (all terrain vehicle including dune/ |
| atmospheric | 23 | * | ATMOSPHERIC CONDITION |
| atmospheric | 49 | * | IMP ATMOSPHERIC COND |
| attemp | 137 | * | CORRECTIVE ACTION ATTEMP |
| attempted | 137 | 99 | Unknown if driver attempted avoidance ma |
| attenuator | 10 | 33 | Impact attenuator or crash cushion |
| attenuator | 37 | 33 | Impact attenuator or crash cushion |
| attenuator | 75 | 133 | Impact attenuator or crash cushion |
| attenuator | 133 | 33 | Impact attenuator or crash cushion |
| attenuator | 168 | 33 | Impact attenuator or crash cushion |
| atv | 108 | 90 | ATV (all terrain vehicle including dune/ |
| atv | 158 | 90 | ATV (all terrain vehicle including dune/ |
| audi | 105 | 32 | Audi |
| august | 2 | 8 | August |
| austin | 105 | 33 | Austin/Austin Healey |
| auto | 109 | 7 | Auto transporter |
| auto-based | 108 | 10 | Auto-based pickup (includes El Camino, C |
| auto-based | 158 | 10 | Auto-based pickup (includes El Camino, C |
| automobile | 108 | 8 | Other automobile type |
| automobile | 158 | 8 | Other automobile type |
| avoid | 173 | * | DRVR MANEUVER TO AVOID#1 |
| avoid | 174 | * | DRVR MANEUVER TO AVOID#2 |
| avoidance | 135 | 17 | Successful corrective action/avoidance m |
| avoidance | 137 | 1 | No avoidance maneuver |
| avoidance | 173 | 97 | Avoidance maneuver - no details |
| avoidance | 174 | 97 | Avoidance maneuver - no details |
| axle | 110 | * | NO OF AXLES ON VEH/TRAIL |
| b150-b350 | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| b150-b350 | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| backing | 25 | 11 | The crash involves a motor vehicle which |
| backing | 135 | 13 | Backing up (other than for parking posit |
| backing | 136 | 56 | Backing |
| backing | 161 | 13 | Backing up (other than for parking purpo |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| bag | 207 | 0 | No air bag available (includes airbags t |
| ball | 175 | 3 | Steering system - tie rod, kingpin, ball |
| ball | 176 | 3 | Steering system - tie rod, kingpin, ball |
| ball | 177 | 3 | Steering system - tie rod, kingpin, ball |
| ball | 178 | 3 | Steering system - tie rod, kingpin, ball |
| barrier | 10 | 36 | Concrete traffic barrier or other longit |
| barrier | 15 | 2 | Divided highway (median strip, barrier, |
| barrier | 37 | 36 | Concrete traffic barrier or other longit |
| barrier | 75 | 136 | Concrete traffic barrier or other longit |
| barrier | 133 | 36 | Concrete traffic barrier or other longit |
| barrier | 148 | 2 | Divided highway (median strip, barrier) |
| barrier | 168 | 36 | Concrete traffic barrier or other longit |
| beacon | 20 | 4 | Flashing traffic control signal or flash |
| beacon | 48 | 4 | Flashing traffic control signal or flash |
| beacon | 169 | 4 | Flashing traffic control signal or flash |
| beacon | 170 | 4 | Flashing traffic control signal or flash |
| beacon | 171 | 4 | Flashing traffic control signal or flash |
| beacon | 172 | 4 | Flashing traffic control signal or flash |
| beacon | 336 | 4 | Flashing traffic control signal or flash |
| beacon | 337 | 4 | Flashing traffic control signal or flash |
| beauville | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| beauville | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| belt | 206 | 1 | Lap/shoulder belt |
| benz | 105 | 42 | Mercedes Benz |
| bicycle | 108 | 81 | Moped (motorized bicycle) |
| bicycle | 158 | 81 | Moped (motorized bicycle) |
| bicycle | 336 | * | BICYCL TRAF CNTRL DEVC#1 |
| bicycle | 337 | * | BICYCL TRAF CNTRL DEVC#2 |
| bicycle | 338 | 2 | Bicycle helmet |
| bicycle | 339 | 2 | Bicycle helmet |
| bicycle | 340 | 2 | Bicycle helmet |
| bicyclist | 25 | 40 | Is the pedalcyclist riding a children's |
| big | 25 | 40 | Is the pedalcyclist riding a children's |
| billboard | 179 | 4 | Building, billboard, or other design fea |
| billboard | 180 | 4 | Building, billboard, or other design fea |
| billboard | 181 | 4 | Building, billboard, or other design fea |
| blackout | 229 | 1 | Ill, blackout |
| blackout | 230 | 1 | Ill, blackout |
| blackout | 231 | 1 | Ill, blackout |
| blackout | 329 | 1 | Ill, blackout |
| blackout | 330 | 1 | Ill, blackout |
| blazer | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| blazer | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| blind | 229 | 7 | Blind |
| blind | 230 | 7 | Blind |
| blind | 231 | 7 | Blind |
| blind | 329 | 7 | Blind |
| blind | 330 | 7 | Blind |
| blow | 136 | 1 | Blow out or flat tire |
| blowing | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| blowing | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| bmw | 105 | 34 | BMW |
| body | 108 | * | BODY TYPE |
| body | 109 | * | CARGO BODY TYPE |
| body | 158 | * | IMPUTED BODY TYPE |
| body | 175 | 14 | Body, doors |
| body | 176 | 14 | Body, doors |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------------|-----|-----|--|
| body | 177 | 14 | Body, doors |
| body | 178 | 14 | Body, doors |
| boulder | 10 | 46 | Boulder |
| boulder | 37 | 46 | Boulder |
| boulder | 75 | 146 | Boulder |
| boulder | 133 | 46 | Boulder |
| boulder | 168 | 46 | Boulder |
| box | 109 | 2 | Van/enclosed box |
| brake | 137 | 5 | Releasing brakes |
| brake | 175 | 2 | Brake system |
| brake | 176 | 2 | Brake system |
| brake | 177 | 2 | Brake system |
| brake | 178 | 2 | Brake system |
| braking | 137 | 2 | Braking (no lockup) |
| brat | 108 | 10 | Auto-based pickup (includes El Camino, C |
| brat | 158 | 10 | Auto-based pickup (includes El Camino, C |
| bridge | 10 | 34 | Bridge structure (bridge pier/abutment/p |
| bridge | 13 | 6 | On a bridge |
| bridge | 37 | 34 | Bridge structure (pier/abutment/parapet |
| bridge | 45 | 6 | On a bridge |
| bridge | 75 | 134 | Bridge structure (bridge pier/abutment/p |
| bridge | 133 | 34 | Bridge structure (bridge pier/abutment/p |
| bridge | 168 | 34 | Bridge structure (bridge pier/abutment/p |
| bright | 179 | 2 | Reflected glare, bright sunlight, headli |
| bright | 180 | 2 | Reflected glare, bright sunlight, headli |
| bright | 181 | 2 | Reflected glare, bright sunlight, headli |
| brockway | 105 | 80 | Brockway |
| broken | 179 | 14 | Broken or improperly cleaned windshield |
| broken | 180 | 14 | Broken or improperly cleaned windshield |
| broken | 181 | 14 | Broken or improperly cleaned windshield |
| bronco | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| bronco | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| bronco [post&'78] | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| bronco [post&'78] | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| brought | 182 | 10 | While using or reaching for device/objec |
| brought | 183 | 10 | While using or reaching for device/objec |
| brought | 184 | 10 | While using or reaching for device/objec |
| bsa | 105 | 70 | BSA |
| bucks | 20 | 62 | Passive device (stop sign, cross bucks) |
| bucks | 48 | 62 | Passive device (stop sign, cross bucks) |
| bucks | 169 | 62 | Passive device at RR crossing (stop sign |
| bucks | 170 | 62 | Passive device at RR crossing (stop sign |
| bucks | 171 | 62 | Passive device at RR crossing (stop sign |
| bucks | 172 | 62 | Passive device at RR crossing (stop sign |
| bucks | 336 | 62 | Passive device at RR crossing (stop sign |
| bucks | 337 | 62 | Passive device at RR crossing (stop sign |
| buggy | 108 | 90 | ATV (all terrain vehicle including dune/ |
| buggy | 158 | 90 | ATV (all terrain vehicle including dune/ |
| buick | 105 | 18 | Buick |
| building | 10 | 32 | Building |
| building | 37 | 32 | Building |
| building | 75 | 132 | Building |
| building | 133 | 32 | Building |
| building | 168 | 32 | Building |
| building | 179 | 4 | Building, billboard, or other design fea |
| building | 180 | 4 | Building, billboard, or other design fea |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| building | 181 | 4 | Building, billboard, or other design fea |
| bus | 24 | * | SCH BUS RELATED TO ACC |
| bus | 25 | 110 | Commercial bus related |
| bus | 105 | 98 | Other (truck or bus) |
| bus | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| bus | 109 | 1 | Bus |
| bus | 112 | 2 | Vehicle used as school bus |
| bus | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| bus-based | 108 | 58 | Other bus type (transit, intercity, bus- |
| bus-based | 158 | 58 | Other bus type (transit, intercity, bus- |
| bush | 10 | 44 | Shrubbery or bush |
| bush | 37 | 44 | Shrubbery or bush |
| bush | 75 | 144 | Shrubbery or bush |
| bush | 133 | 44 | Shrubbery or bush |
| bush | 168 | 44 | Shrubbery or bush |
| cab | 108 | 40 | Cab chassis-based (includes rescue vehic |
| cab | 158 | 40 | Cab chassis-based (includes rescue vehic |
| cab | 205 | 50 | Sleeper section of cab (truck) |
| cab | 227 | 50 | Sleeper section of cab (truck) |
| caballero | 108 | 10 | Auto-based pickup (includes El Camino, C |
| caballero | 158 | 10 | Auto-based pickup (includes El Camino, C |
| cadillac | 105 | 19 | Cadillac |
| camino | 108 | 10 | Auto-based pickup (includes El Camino, C |
| camino | 158 | 10 | Auto-based pickup (includes El Camino, C |
| camper | 108 | 32 | Pickup with slide-in camper |
| camper | 158 | 32 | Pickup with slide-in camper |
| cane | 229 | 3 | Requires cane or crutches |
| cane | 230 | 3 | Requires cane or crutches |
| cane | 231 | 3 | Requires cane or crutches |
| cane | 329 | 3 | Requires cane or crutches |
| cane | 330 | 3 | Requires cane or crutches |
| car | 104 | 1 | Yes, driver or car and driver left scene |
| car | 108 | 17 | 3-door coupe (passenger car, added in 19 |
| car | 112 | 7 | Fire truck and car |
| car | 158 | 17 | 3-door coupe (passenger car, added in 19 |
| car | 159 | 1 | Yes, driver or car and driver left scene |
| caravan | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| caravan | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| careless | 331 | 6 | Operating the vehicle in other erratic, |
| careless | 332 | 6 | Operating the vehicle in erratic, reckle |
| careless | 333 | 6 | Operating the vehicle in erratic, reckle |
| careless | 334 | 6 | Operating the vehicle in erratic, reckle |
| careless | 335 | 6 | Operating the vehicle in erratic, reckle |
| cargo | 25 | 36 | Weird - the motorist or cyclist intentio |
| cargo | 108 | 11 | Auto-based panel (cargo station wagon, a |
| cargo | 109 | * | CARGO BODY TYPE |
| cargo | 158 | 11 | Auto-based panel (cargo station wagon, a |
| cargo | 205 | 51 | Other passenger in passenger or cargo ar |
| cargo | 227 | 51 | Other passenger in passenger or cargo ar |
| carrier's | 117 | * | CARRIER'S ID NUMBER |
| carry | 108 | 50 | School bus type (designed to carry stude |
| carry | 158 | 50 | School bus type (designed to carry stude |
| case | 1 | * | CASE NUMBER |
| case | 71 | * | CASE NUMBER |
| case | 101 | * | CASE NUMBER |
| case | 201 | * | CASE NUMBER |
| case | 301 | * | CASE NUMBER |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|---------------|-----|----|--|
| cassette | 182 | 8 | While adjusting radio, cassette, or CD |
| cassette | 183 | 8 | While adjusting radio, cassette, or CD |
| cassette | 184 | 8 | While adjusting radio, cassette, or CD |
| cause | 25 | 36 | Weird - the motorist or cyclist intentio |
| cause | 136 | 8 | Other cause of control loss |
| cd | 182 | 8 | While adjusting radio, cassette, or CD |
| cd | 183 | 8 | While adjusting radio, cassette, or CD |
| cd | 184 | 8 | While adjusting radio, cassette, or CD |
| cellular | 182 | 5 | While talking or listening to cellular p |
| cellular | 183 | 5 | While talking or listening to cellular p |
| cellular | 184 | 5 | While talking or listening to cellular p |
| changing | 135 | 15 | Changing lanes |
| changing | 161 | 15 | Changing lanes |
| changing | 331 | 3 | Improper or erratic lane changing |
| changing | 332 | 3 | Improper or erratic lane changing |
| changing | 333 | 3 | Improper or erratic lane changing |
| changing | 334 | 3 | Improper or erratic lane changing |
| changing | 335 | 3 | Improper or erratic lane changing |
| charged | 165 | * | IMP VIOLATIONS CHARGED |
| charged | 185 | * | DRVR VIOLATNS CHARGED #1 |
| charged | 186 | * | DRVR VIOLATNS CHARGED #2 |
| charged | 187 | * | DRVR VIOLATNS CHARGED #3 |
| charged | 188 | * | DRVR VIOLATNS CHARGED #4 |
| charged | 189 | * | DRVR VIOLATNS CHARGED #5 |
| chassis | 108 | 12 | Large limousine (more than four side doo |
| chassis | 158 | 12 | Large limousine (more than four side doo |
| chassis-based | 108 | 40 | Cab chassis-based (includes rescue vehic |
| chassis-based | 158 | 40 | Cab chassis-based (includes rescue vehic |
| chateau | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| chateau | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| cherokee | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| cherokee | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| chevrolet | 105 | 20 | Chevrolet |
| chevrolet | 108 | 16 | Utility station wagon (Chevrolet Suburba |
| chevrolet | 158 | 16 | Utility station wagon (Chevrolet Suburba |
| chevy | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| chevy | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| child | 206 | 6 | Child safety seat |
| children's | 25 | 40 | Is the pedalcyclist riding a children's |
| chrysler | 105 | 6 | Chrysler |
| chrysler | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| chrysler | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| city | 108 | 97 | Other type vehicle (includes go-cart, fo |
| city | 158 | 97 | Other type vehicle (includes go-cart, fo |
| cj2-cj7 | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| cj2-cj7 | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| clarification | 30 | 4 | Group 4 - applies if the crash does not |
| clarification | 78 | 4 | Group 4 - applies if the crash does not |
| clarification | 154 | 4 | Group 4 - applies if the crash does not |
| clarification | 219 | 4 | Group 4 - applies if the crash does not |
| clarification | 319 | 4 | Group 4 - applies if the crash does not |
| cleaned | 179 | 14 | Broken or improperly cleaned windshield |
| cleaned | 180 | 14 | Broken or improperly cleaned windshield |
| cleaned | 181 | 14 | Broken or improperly cleaned windshield |
| climate | 182 | 7 | While adjusting climate control |
| climate | 183 | 7 | While adjusting climate control |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| climate | 184 | 7 | While adjusting climate control |
| clockwise | 138 | 3 | Skidding laterally - clockwise rotation |
| club | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| club | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| code | 152 | * | DRIVERS ZIP CODE |
| coded | 52 | 6 | Not coded on Police Report |
| coded | 119 | 99 | Unknown number of occupants coded |
| collision | 11 | * | MANNER OF COLLISION |
| collision | 40 | * | IMP MANNER OF COLLISION |
| collision | 81 | 2 | Collision with object not fixed |
| collision | 136 | 0 | Not applicable/no collision |
| color | 20 | 1 | Traffic control signal (on colors) |
| color | 48 | 1 | Traffic control signal (on colors) |
| color | 169 | 1 | Traffic control signal (on colors) |
| color | 170 | 1 | Traffic control signal (on colors) |
| color | 171 | 1 | Traffic control signal (on colors) |
| color | 172 | 1 | Traffic control signal (on colors) |
| color | 336 | 1 | Traffic control signal (on colors) |
| color | 337 | 1 | Traffic control signal (on colors) |
| colt | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| colt | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| comanche | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| comanche | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| commercial | 25 | 2 | Ride out, commercial driveway |
| compact | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| compact | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| concrete | 10 | 36 | Concrete traffic barrier or other longit |
| concrete | 37 | 36 | Concrete traffic barrier or other longit |
| concrete | 75 | 136 | Concrete traffic barrier or other longit |
| concrete | 109 | 6 | Concrete mixer |
| concrete | 133 | 36 | Concrete traffic barrier or other longit |
| concrete | 168 | 36 | Concrete traffic barrier or other longit |
| condition | 19 | * | ROADWAY SURFACE COND |
| condition | 20 | 41 | Warning sign for road conditions (hill, |
| condition | 22 | * | LIGHT CONDITION |
| condition | 23 | * | ATMOSPHERIC CONDITION |
| condition | 39 | * | IMP LIGHT CONDITION |
| condition | 47 | * | IMP ROADWAY SURFACE COND |
| condition | 48 | 41 | Warning sign for road conditions (hill, |
| condition | 49 | * | IMP ATMOSPHERIC COND |
| condition | 136 | 5 | Poor road conditions (puddle, pothole, i |
| condition | 147 | * | SURFACE CONDITION |
| condition | 169 | 41 | Warning sign for road conditions (hill, |
| condition | 170 | 41 | Warning sign for road conditions (hill, |
| condition | 171 | 41 | Warning sign for road conditions (hill, |
| condition | 172 | 41 | Warning sign for road conditions (hill, |
| condition | 173 | 2 | Poor road conditions (puddle, ice, potho |
| condition | 174 | 2 | Poor road conditions (puddle, ice, potho |
| condition | 336 | 41 | Warning sign for road conditions (hill, |
| condition | 337 | 41 | Warning sign for road conditions (hill, |
| construction | 20 | 42 | Warning sign for road construction |
| construction | 34 | 4 | Yes, first harmful event in work or cons |
| construction | 48 | 42 | Warning sign for road construction |
| construction | 108 | 93 | Construction equipment other than trucks |
| construction | 112 | 12 | Construction equipment |
| construction | 158 | 93 | Construction equipment other than trucks |
| construction | 169 | 42 | Warning sign for road construction |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------------|-----|----|--|
| construction | 170 | 42 | Warning sign for road construction |
| construction | 171 | 42 | Warning sign for road construction |
| construction | 172 | 42 | Warning sign for road construction |
| construction | 336 | 42 | Warning sign for road construction |
| construction | 337 | 42 | Warning sign for road construction |
| contact | 75 | * | VEH #-OTH VEH/OBJ CONTAC |
| continuous | 14 | 9 | Continuous left turn lane |
| contributing | 175 | * | VEHICLE CONTRIB FACTOR#1 |
| contributing | 176 | * | VEHICLE CONTRIB FACTOR#2 |
| contributing | 177 | * | VEHICLE CONTRIB FACTOR#3 |
| contributing | 178 | * | VEHICLE CONTRIB FACTOR#4 |
| control | 20 | * | TRAFFIC CONTROL DEVICE |
| control | 25 | 14 | Motorist lost control |
| control | 48 | * | IMP TRAFFIC CONTROL DEV |
| control | 136 | 8 | Other cause of control loss |
| control | 138 | * | PRECRASH VEHICLE CONTROL |
| control | 169 | 0 | No controls |
| control | 170 | 0 | No controls |
| control | 171 | 0 | No controls |
| control | 172 | 0 | No controls |
| control | 175 | 4 | Suspension-springs, shock absorbers, mac |
| control | 176 | 4 | Suspension-springs, shock absorbers, mac |
| control | 177 | 4 | Suspension-springs, shock absorbers, mac |
| control | 178 | 4 | Suspension-springs, shock absorbers, mac |
| control | 182 | 7 | While adjusting climate control |
| control | 183 | 7 | While adjusting climate control |
| control | 184 | 7 | While adjusting climate control |
| control | 331 | 8 | Failure to obey traffic signs, traffic c |
| control | 332 | 8 | Failure to obey traffic signs, traffic c |
| control | 333 | 8 | Failure to obey traffic signs, traffic c |
| control | 334 | 8 | Failure to obey traffic signs, traffic c |
| control | 335 | 8 | Failure to obey traffic signs, traffic c |
| control | 336 | 0 | No controls |
| control | 337 | 0 | No controls |
| controlled | 25 | 55 | Controlled intersection, other |
| conventional | 108 | 39 | Unknown (pickup style) light conventiona |
| conventional | 158 | 39 | Unknown (pickup style) light conventiona |
| convertible | 108 | 1 | Convertible (excludes sun roof, t-bar) |
| convertible | 158 | 1 | Convertible (excludes sun roof, t-bar) |
| corner | 25 | 31 | Cyclist cuts corner |
| corner | 74 | 11 | Front right corner |
| corner | 76 | 11 | Front right corner |
| corner | 125 | 11 | Front right corner |
| corner | 160 | 11 | Front right corner |
| corrective | 135 | 17 | Successful corrective action/avoidance m |
| corrective | 137 | * | CORRECTIVE ACTION ATTEMP |
| corrective | 161 | 17 | Successful corrective action to a previo |
| counteractive | 25 | 15 | Motorist overtaking, counteractive evasi |
| counterclockwise | 138 | 4 | Skidding laterally - counterclockwise ro |
| country | 32 | * | REGION OF COUNTRY |
| country | 80 | * | REGION OF COUNTRY |
| country | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| country | 156 | * | REGION OF COUNTRY |
| country | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| country | 221 | * | REGION OF COUNTRY |
| country | 321 | * | REGION OF COUNTRY |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------|-----|-----|--|
| coupe | 108 | 2 | 2-door sedan, hardtop, coupe |
| coupe | 158 | 2 | 2-door sedan, hardtop, coupe |
| courier | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| courier | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| crash | 10 | 33 | Impact attenuator or crash cushion |
| crash | 20 | 43 | Warning sign for environment/traffic (fo |
| crash | 25 | * | PED/CYCLIST CRASH TYPE |
| crash | 26 | 8 | No person involved in the crash |
| crash | 27 | 0 | No person injured/property damage only c |
| crash | 28 | 8 | No applicable person involved in the cra |
| crash | 30 | 1 | Group 1L - applies if an occupant of a t |
| crash | 37 | 33 | Impact attenuator or crash cushion |
| crash | 41 | 8 | No person involved in the crash |
| crash | 43 | 0 | No person injured/property damage only c |
| crash | 48 | 43 | Warning sign for environment/traffic (fo |
| crash | 75 | 133 | Impact attenuator or crash cushion |
| crash | 78 | 1 | Group 1L - applies if an occupant of a t |
| crash | 133 | 33 | Impact attenuator or crash cushion |
| crash | 141 | 98 | Other crash type |
| crash | 149 | 6 | Died prior to crash |
| crash | 150 | 0 | No person injured/property damage only c |
| crash | 154 | 1 | Group 1L - applies if an occupant of a t |
| crash | 163 | 6 | Died prior to crash |
| crash | 164 | 0 | No person injured/property damage only c |
| crash | 167 | 8 | No applicable person involed in the cras |
| crash | 168 | 33 | Impact attenuator or crash cushion |
| crash | 169 | 43 | Warning sign for environment/traffic (fo |
| crash | 170 | 43 | Warning sign for environment/traffic (fo |
| crash | 171 | 43 | Warning sign for environment/traffic (fo |
| crash | 172 | 43 | Warning sign for environment/traffic (fo |
| crash | 211 | 6 | Died prior to crash |
| crash | 219 | 1 | Group 1L - applies if an occupant of a t |
| crash | 226 | 6 | Died prior to crash |
| crash | 311 | 6 | Died prior to crash |
| crash | 319 | 1 | Group 1L - applies if an occupant of a t |
| crash | 326 | 6 | Died prior to crash |
| crash | 336 | 43 | Warning sign for environment/traffic (fo |
| crash | 337 | 43 | Warning sign for environment/traffic (fo |
| critical | 135 | * | PRIOR TO CRITICAL EVENT |
| critical | 136 | * | CRITICAL EVENT |
| critical | 161 | * | IMP PRIOR TO CRIT EVENT |
| crop | 179 | 5 | Trees, crops, vegetation |
| crop | 180 | 5 | Trees, crops, vegetation |
| crop | 181 | 5 | Trees, crops, vegetation |
| cross | 20 | 62 | Passive device (stop sign, cross bucks) |
| cross | 25 | 610 | Pedestrian waiting to cross at/near curb |
| cross | 48 | 62 | Passive device (stop sign, cross bucks) |
| cross | 108 | 50 | School bus type (designed to carry stude |
| cross | 158 | 50 | School bus type (designed to carry stude |
| cross | 169 | 62 | Passive device at RR crossing (stop sign |
| cross | 170 | 62 | Passive device at RR crossing (stop sign |
| cross | 171 | 62 | Passive device at RR crossing (stop sign |
| cross | 172 | 62 | Passive device at RR crossing (stop sign |
| cross | 336 | 62 | Passive device at RR crossing (stop sign |
| cross | 337 | 62 | Passive device at RR crossing (stop sign |
| crossing | 13 | 5 | Rail grade crossing |
| crossing | 20 | 51 | Officer, crossing guard, flagman, etc. |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| crossing | 25 | 97 | Unknown if approach paths are parallel o |
| crossing | 45 | 5 | Rail grade crossing |
| crossing | 48 | 51 | Officer, crossing guard, flagman, etc. |
| crossing | 136 | 17 | Crossing over (passing through) intersec |
| crossing | 169 | 51 | Officer, crossing guard, flagman, etc. |
| crossing | 170 | 51 | Officer, crossing guard, flagman, etc. |
| crossing | 171 | 51 | Officer, crossing guard, flagman, etc. |
| crossing | 172 | 51 | Officer, crossing guard, flagman, etc. |
| crossing | 331 | 22 | Improper crossing of roadway or intersec |
| crossing | 332 | 22 | Improper crossing of roadway or intersec |
| crossing | 333 | 22 | Improper crossing of roadway or intersec |
| crossing | 334 | 22 | Improper crossing of roadway or intersec |
| crossing | 335 | 22 | Improper crossing of roadway or intersec |
| crossing | 336 | 51 | Officer, crossing guard, flagman, etc. |
| crossing | 337 | 51 | Officer, crossing guard, flagman, etc. |
| crossover | 13 | 7 | Crossover related |
| crossover | 45 | 7 | Crossover related |
| crossover | 136 | 55 | In crossover |
| crosswalk | 317 | 1 | Intersection - in crosswalk |
| crosswind | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| crosswind | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| cruiser | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| cruiser | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| crutches | 229 | 3 | Requires cane or crutches |
| crutches | 230 | 3 | Requires cane or crutches |
| crutches | 231 | 3 | Requires cane or crutches |
| crutches | 329 | 3 | Requires cane or crutches |
| crutches | 330 | 3 | Requires cane or crutches |
| ct | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ct | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ct | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ct | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ct | 321 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, |
| culvert | 10 | 38 | Culvert or ditch |
| culvert | 37 | 38 | Culvert or ditch |
| culvert | 75 | 138 | Culvert or ditch |
| culvert | 133 | 38 | Culvert or ditch |
| culvert | 168 | 38 | Culvert or ditch |
| curb | 10 | 39 | Curb |
| curb | 25 | 610 | Pedestrian waiting to cross at/near curb |
| curb | 37 | 39 | Curb |
| curb | 75 | 139 | Curb |
| curb | 123 | 20 | Tripped rollover - by curb |
| curb | 133 | 39 | Curb |
| curb | 168 | 39 | Curb |
| curve | 17 | 2 | Curve |
| curve | 36 | 2 | Curve |
| curve | 135 | 14 | Negotiating a curve |
| curve | 143 | 2 | Curve |
| curve | 161 | 14 | Negotiating a curve |
| curve | 179 | 3 | Curve or hill |
| curve | 180 | 3 | Curve or hill |
| curve | 181 | 3 | Curve or hill |
| cushion | 10 | 33 | Impact attenuator or crash cushion |
| cushion | 37 | 33 | Impact attenuator or crash cushion |
| cushion | 75 | 133 | Impact attenuator or crash cushion |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| cushion | 133 | 33 | Impact attenuator or crash cushion |
| cushion | 168 | 33 | Impact attenuator or crash cushion |
| cuts | 25 | 31 | Cyclist cuts corner |
| cycle | 10 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cycle | 37 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cycle | 75 | 122 | Cycle or cyclist (pedalcycle or pedalcyc |
| cycle | 108 | 88 | Other motored cycle type (minibike, moto |
| cycle | 133 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cycle | 158 | 88 | Other motored cycle type (minibike, moto |
| cycle | 168 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cyclist | 10 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cyclist | 25 | * | PED/CYCLIST CRASH TYPE |
| cyclist | 37 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cyclist | 75 | 122 | Cycle or cyclist (pedalcycle or pedalcyc |
| cyclist | 133 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cyclist | 168 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| cyclist | 304 | 6 | Cyclist (pedalcyclist) |
| d100-d350 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| d100-d350 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| d50 | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| d50 | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| daewoo | 105 | 64 | Daewoo |
| daihatsu | 105 | 60 | Daihatsu |
| damage | 27 | 0 | No person injured/property damage only c |
| damage | 30 | 2 | Group 2 - applies if the NASS crash does |
| damage | 43 | 0 | No person injured/property damage only c |
| damage | 78 | 2 | Group 2 - applies if the NASS crash does |
| damage | 125 | 0 | No damage or noncollision |
| damage | 126 | * | DAMAGE AREA #1 |
| damage | 127 | * | DAMAGE AREA #2 |
| damage | 128 | * | DAMAGE AREA #3 |
| damage | 129 | * | DAMAGE AREA #4 |
| damage | 130 | * | DAMAGE AREA #5 |
| damage | 131 | * | DAMAGE SEVERITY |
| damage | 132 | 2 | Towed due to damage |
| damage | 150 | 0 | No person injured/property damage only c |
| damage | 154 | 2 | Group 2 - applies if the NASS crash does |
| damage | 160 | 0 | No damage/noncollision |
| damage | 164 | 0 | No person injured/property damage only c |
| damage | 219 | 2 | Group 2 - applies if the NASS crash does |
| damage | 319 | 2 | Group 2 - applies if the NASS crash does |
| damaged | 126 | 7 | All areas damaged |
| damaged | 127 | 7 | All areas damaged |
| damaged | 128 | 7 | All areas damaged |
| damaged | 129 | 7 | All areas damaged |
| damaged | 130 | 7 | All areas damaged |
| dark | 22 | 2 | Dark |
| dark | 39 | 2 | Dark |
| darting | 331 | 21 | Darting or running into road |
| darting | 332 | 21 | Darting or running into road |
| darting | 333 | 21 | Darting or running into road |
| darting | 334 | 21 | Darting or running into road |
| darting | 335 | 21 | Darting or running into road |
| dart-out | 25 | 821 | Dart-out, first half |
| dash | 25 | 730 | Intersection dash |
| date | 2 | * | ACCIDENT DATE - MONTH |
| date | 3 | * | ACCIDENT DATE - YEAR |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|----|--|
| datsum | 105 | 35 | Nissan/Datsun |
| datsum | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| datsum | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| dawn | 22 | 4 | Dawn |
| dawn | 39 | 4 | Dawn |
| day | 4 | * | ACCIDENT DAY OF WEEK |
| day | 50 | * | IMP ACCIDENT DAY OF WEEK |
| daylight | 22 | 1 | Daylight |
| daylight | 39 | 1 | Daylight |
| deaf | 229 | 6 | Deaf |
| deaf | 230 | 6 | Deaf |
| deaf | 231 | 6 | Deaf |
| deaf | 329 | 6 | Deaf |
| deaf | 330 | 6 | Deaf |
| decelerating | 135 | 2 | Decelerating in traffic lane |
| decelerating | 136 | 18 | This vehicle decelerating |
| decelerating | 161 | 2 | Decelerating in traffic lane |
| december | 2 | 12 | December |
| defog | 179 | 9 | Inadequate defrost or defog system |
| defog | 180 | 9 | Inadequate defrost or defog system |
| defog | 181 | 9 | Inadequate defrost or defog system |
| defrost | 179 | 9 | Inadequate defrost or defog system |
| defrost | 180 | 9 | Inadequate defrost or defog system |
| defrost | 181 | 9 | Inadequate defrost or defog system |
| degree | 138 | 2 | Skidding longitudinally - rotation less |
| degree | 208 | 7 | Ejected - unknown degree |
| degree | 225 | 7 | Ejected - unknown degree |
| departed | 139 | 4 | Departed roadway |
| departure | 136 | 14 | End departure |
| deployed | 207 | 1 | Deployed |
| derivative | 108 | 13 | Three wheeled automobile or automobile d |
| derivative | 158 | 13 | Three wheeled automobile or automobile d |
| design | 179 | 4 | Building, billboard, or other design fea |
| design | 180 | 4 | Building, billboard, or other design fea |
| design | 181 | 4 | Building, billboard, or other design fea |
| designed | 108 | 50 | School bus type (designed to carry stude |
| designed | 158 | 50 | School bus type (designed to carry stude |
| device | 20 | * | TRAFFIC CONTROL DEVICE |
| device | 48 | 61 | Active devices (gates, flashing lights, |
| device | 169 | * | TRAFFIC CONTRL DEVICE #1 |
| device | 170 | * | TRAFFIC CONTRL DEVICE #2 |
| device | 171 | * | TRAFFIC CONTRL DEVICE #3 |
| device | 172 | * | TRAFFIC CONTRL DEVICE #4 |
| device | 182 | 9 | While using other device/controls integr |
| device | 183 | 9 | While using other device/controls integr |
| device | 184 | 9 | While using other device/controls integr |
| device | 304 | 4 | Occupant of a nonmotor vehicle transport |
| device | 331 | 8 | Failure to obey traffic signs, traffic c |
| device | 332 | 8 | Failure to obey traffic signs, traffic c |
| device | 333 | 8 | Failure to obey traffic signs, traffic c |
| device | 334 | 8 | Failure to obey traffic signs, traffic c |
| device | 335 | 8 | Failure to obey traffic signs, traffic c |
| device | 336 | 61 | Active device at RR crossing (gates, fla |
| device | 337 | 61 | Active devices at RR crossing (gates, fl |
| diagonal | 136 | 64 | From parallel/diagonal parking lane |
| dialing | 182 | 6 | While dialing cellular phone |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|-----|--|
| dialing | 183 | 6 | While dialing cellular phone |
| dialing | 184 | 6 | While dialing cellular phone |
| diamond | 105 | 81 | Diamond Reo, Reo |
| died | 26 | 6 | Died prior |
| died | 41 | 6 | Died prior |
| died | 149 | 6 | Died prior to crash |
| died | 163 | 6 | Died prior to crash |
| died | 211 | 6 | Died prior to crash |
| died | 226 | 6 | Died prior to crash |
| died | 311 | 6 | Died prior to crash |
| died | 326 | 6 | Died prior to crash |
| direction | 11 | 5 | Sideswipe, same direction |
| direction | 40 | 5 | Sideswipe, same direction |
| direction | 136 | 19 | Unknown travel direction |
| dirt | 19 | 5 | Sand, dirt, oil |
| dirt | 47 | 5 | Sand, dirt, oil |
| dirt | 147 | 5 | Sand, dirt, oil |
| disabled | 25 | 310 | Walking to or from disabled vehicle |
| disabled | 135 | 7 | Disabled or parked in travel lane |
| disabled | 161 | 7 | Disabled or parked in travel lane |
| disabling | 131 | 3 | Severe (disabling from 1988-2003) |
| disabling | 136 | 3 | Disabling vehicle failure (e.g. wheel fe |
| dispatcher | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| dispatcher | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| distracted | 182 | * | DRIVER DISTRACTED BY #1 |
| distracted | 183 | * | DRIVER DISTRACTED BY #2 |
| distracted | 184 | * | DRIVER DISTRACTED BY #3 |
| distraction | 182 | 92 | Distraction or inattention, details unkn |
| distraction | 183 | 92 | Distraction or inattention, details unkn |
| distraction | 184 | 92 | Distraction or inattention, details unkn |
| ditch | 10 | 38 | Culvert or ditch |
| ditch | 37 | 38 | Culvert or ditch |
| ditch | 75 | 138 | Culvert or ditch |
| ditch | 123 | 22 | Tripped rollover - by ditch |
| ditch | 133 | 38 | Culvert or ditch |
| ditch | 168 | 38 | Culvert or ditch |
| divided | 15 | 0 | Not physically divided (center 2-way lef |
| divided | 148 | 0 | Not physically divided (center two way l |
| dodge | 105 | 7 | Dodge |
| dodge | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| dodge | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| domestic | 105 | 29 | Other domestic |
| door | 108 | 7 | Hatchback, number of doors unknown |
| door | 158 | 7 | Hatchback, number of doors unknown |
| door | 175 | 14 | Body, doors |
| door | 176 | 14 | Body, doors |
| door | 177 | 14 | Body, doors |
| door | 178 | 14 | Body, doors |
| drinking | 151 | * | DRIVER DRINKING IN VEH |
| drinking | 182 | 13 | Eating or drinking |
| drinking | 183 | 13 | Eating or drinking |
| drinking | 184 | 13 | Eating or drinking |
| drive | 25 | 8 | Drive out, driveway/alley |
| drive | 175 | 5 | Power train - universal joint, drive sha |
| drive | 176 | 5 | Power train - universal joint, drive sha |
| drive | 177 | 5 | Power train - universal joint, drive sha |
| drive | 178 | 5 | Power train - universal joint, drive sha |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| driven | 132 | 1 | Driven away |
| driver | 25 | 760 | Intersection, driver violation |
| driver | 103 | * | DRIVER PRESENCE |
| driver | 104 | 1 | Yes, driver or car and driver left scene |
| driver | 135 | 0 | No driver present |
| driver | 137 | 0 | No driver present |
| driver | 138 | 0 | No driver present |
| driver | 139 | 0 | No driver present |
| driver | 142 | 8 | No driver present |
| driver | 151 | * | DRIVER DRINKING IN VEH |
| driver | 152 | * | DRIVERS ZIP CODE |
| driver | 159 | 1 | Yes, driver or car and driver left scene |
| driver | 161 | 0 | No driver present |
| driver | 165 | 95 | No driver present |
| driver | 173 | 0 | Driver did not maneuver to avoid |
| driver | 174 | 0 | Driver did not maneuver to avoid |
| driver | 175 | 13 | Driver seating and control |
| driver | 176 | 13 | Driver seating and control |
| driver | 177 | 13 | Driver seating and control |
| driver | 178 | 13 | Driver seating and control |
| driver | 179 | 95 | No driver present |
| driver | 180 | 95 | No driver present |
| driver | 181 | 95 | No driver present |
| driver | 182 | * | DRIVER DISTRACTED BY #1 |
| driver | 183 | * | DRIVER DISTRACTED BY #2 |
| driver | 184 | * | DRIVER DISTRACTED BY #3 |
| driver | 185 | 95 | No driver present |
| driver | 186 | 95 | No driver present |
| driver | 187 | 95 | No driver present |
| driver | 188 | 95 | No driver present |
| driver | 189 | 95 | No driver present |
| driver | 204 | 1 | Driver of motor vehicle in transport |
| driver | 317 | 0 | Not applicable - driver or occupant of M |
| driverless | 25 | 210 | Driverless vehicle |
| driverless | 103 | 0 | Unattended vehicle (driverless, or no dr |
| driveway | 13 | 3 | Driveway, alley access, etc. |
| driveway | 25 | 1 | Ride out, residential driveway |
| driveway | 45 | 3 | Driveway, alley access, etc. |
| driveway | 136 | 70 | From driveway, alley access, etc. - turn |
| driving | 49 | 1 | No adverse atmospheric related driving c |
| driving | 165 | 4 | Reckless driving |
| driving | 185 | 4 | Reckless driving |
| driving | 186 | 4 | Reckless driving |
| driving | 187 | 4 | Reckless driving |
| driving | 188 | 4 | Reckless driving |
| driving | 189 | 4 | Reckless driving |
| driving | 331 | 10 | Driving on wrong side of road |
| driving | 332 | 10 | Driving on wrong side of road |
| driving | 333 | 10 | Driving on wrong side of road |
| driving | 334 | 10 | Driving on wrong side of road |
| driving | 335 | 10 | Driving on wrong side of road |
| drove | 25 | 48 | Drive out, intersection (motorist drove |
| drowsy | 229 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| drowsy | 230 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| drowsy | 231 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| drowsy | 329 | 2 | Drowsy, sleepy, fell asleep, fatigued |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| drowsy | 330 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| drug | 165 | 1 | Alcohol or drugs |
| drug | 185 | 2 | Drugs |
| drug | 186 | 2 | Drugs |
| drug | 187 | 2 | Drugs |
| drug | 188 | 2 | Drugs |
| drug | 189 | 2 | Drugs |
| drug | 214 | * | PAR DRUG INVOLVEMENT |
| drug | 216 | * | DRUG TEST GIVEN |
| drug | 314 | * | PAR DRUG INVOLVEMENT |
| drug | 316 | * | DRUG TEST GIVEN |
| dry | 19 | 1 | Dry |
| dry | 47 | 1 | Dry |
| dry | 147 | 1 | Dry |
| ducati | 105 | 71 | Ducati |
| dump | 108 | 40 | Cab chassis-based (includes rescue vehic |
| dump | 109 | 5 | Dump |
| dump | 158 | 40 | Cab chassis-based (includes rescue vehic |
| dune | 108 | 90 | ATV (all terrain vehicle including dune/ |
| dune | 158 | 90 | ATV (all terrain vehicle including dune/ |
| dusk | 22 | 5 | Dusk |
| dusk | 39 | 5 | Dusk |
| dust | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| dust | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| dust | 179 | 1 | Rain, snow, smoke, sand, dust |
| dust | 180 | 1 | Rain, snow, smoke, sand, dust |
| dust | 181 | 1 | Rain, snow, smoke, sand, dust |
| e150-e350 | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| e150-e350 | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| eagle | 105 | 10 | Eagle |
| eagle | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| eagle | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| eating | 182 | 13 | Eating or drinking |
| eating | 183 | 13 | Eating or drinking |
| eating | 184 | 13 | Eating or drinking |
| eating | 331 | 24 | Inattentive (talking, eating, etc.) |
| eating | 332 | 24 | Inattentive (talking, eating, etc.) |
| eating | 333 | 24 | Inattentive (talking, eating, etc.) |
| eating | 334 | 24 | Inattentive (talking, eating, etc.) |
| eating | 335 | 24 | Inattentive (talking, eating, etc.) |
| econoline | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| econoline | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| edge | 136 | 12 | Off the edge of the road on the left sid |
| ejected | 208 | 0 | Not ejected |
| ejected | 225 | 0 | Not ejected |
| ejection | 208 | * | OCCUPANT EJECTION |
| ejection | 225 | * | IMPUT OCCUPANT EJECTION |
| embankment | 10 | 40 | Embankment |
| embankment | 37 | 40 | Embankment |
| embankment | 75 | 140 | Embankment |
| embankment | 133 | 40 | Embankment |
| embankment | 168 | 40 | Embankment |
| embankment | 179 | 4 | Building, billboard, or other design fea |
| embankment | 180 | 4 | Building, billboard, or other design fea |
| embankment | 181 | 4 | Building, billboard, or other design fea |
| emergency | 25 | 330 | Emergency/police vehicle related |
| emergency | 116 | * | EMERGENCY USE |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| ems | 52 | * | EMS ON SCENE |
| enclosed | 109 | 2 | Van/enclosed box |
| encroachment | 136 | 78 | Encroachment by other vehicle - details |
| engine | 136 | 2 | Stalled engine |
| entered | 139 | 7 | Entered roadway |
| entering | 25 | 150 | Entering/exiting |
| entering | 135 | 9 | Entering a parked position |
| entering | 161 | 9 | Entering a parked position |
| entrance | 13 | 4 | Entrance/exit ramp |
| entrance | 45 | 4 | Entrance/exit ramp |
| entrance | 136 | 74 | From entrance to limited access highway |
| entry | 331 | 5 | Making improper entry to or exit from tr |
| entry | 332 | 5 | Making improper entry to or exit from tr |
| entry | 333 | 5 | Making improper entry to or exit from tr |
| entry | 334 | 5 | Making improper entry to or exit from tr |
| entry | 335 | 5 | Making improper entry to or exit from tr |
| environment | 20 | 43 | Warning sign for environment/traffic (fo |
| environment | 48 | 43 | Warning sign for environment/traffic (fo |
| environment | 169 | 43 | Warning sign for environment/traffic (fo |
| environment | 170 | 43 | Warning sign for environment/traffic (fo |
| environment | 171 | 43 | Warning sign for environment/traffic (fo |
| environment | 172 | 43 | Warning sign for environment/traffic (fo |
| environment | 336 | 43 | Warning sign for environment/traffic (fo |
| environment | 337 | 43 | Warning sign for environment/traffic (fo |
| equipment | 108 | 92 | Farm equipment other than trucks |
| equipment | 112 | 11 | Farm equipment |
| equipment | 158 | 92 | Farm equipment other than trucks |
| equipment | 331 | 2 | Operating without required equipment |
| equipment | 332 | 2 | Operating without required equipment |
| equipment | 333 | 2 | Operating without required equipment |
| equipment | 334 | 2 | Operating without required equipment |
| equipment | 335 | 2 | Operating without required equipment |
| equipment | 338 | * | SAFETY EQUIPMENT USED #1 |
| equipment | 339 | * | SAFETY EQUIPMENT USED #2 |
| equipment | 340 | * | SAFETY EQUIPMENT USED #3 |
| erratic | 331 | 3 | Improper or erratic lane changing |
| erratic | 332 | 3 | Improper or erratic lane changing |
| erratic | 333 | 3 | Improper or erratic lane changing |
| erratic | 334 | 3 | Improper or erratic lane changing |
| erratic | 335 | 3 | Improper or erratic lane changing |
| evasive | 25 | 15 | Motorist overtaking, counteractive evasi |
| event | 10 | * | FIRST HARMFUL EVENT |
| event | 34 | 4 | Yes, first harmful event in work or cons |
| event | 37 | * | IMP FIRST HARMFUL EVENT |
| event | 72 | * | EVENT SEQUENCE NUMBER |
| event | 81 | * | ACTION FOR THIS EVENT |
| event | 133 | * | MOST HARMFUL EVENT |
| event | 134 | * | MHE EVENT NUMBER |
| event | 135 | * | PRIOR TO CRITICAL EVENT |
| event | 136 | * | CRITICAL EVENT |
| event | 161 | * | IMP PRIOR TO CRIT EVENT |
| event | 168 | * | IMP MOST HARMFUL EVENT |
| event | 182 | 12 | Distracted by outside person, object or |
| event | 183 | 12 | Distracted by outside person, object or |
| event | 184 | 12 | Distracted by outside person, object or |
| excessive | 136 | 6 | Traveling too fast for conditions (exces |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| excluding | 108 | 6 | Station wagon (excluding van and truck b |
| excluding | 158 | 6 | Station wagon (excluding van and truck b |
| exhaust | 175 | 6 | Exhaust system |
| exhaust | 176 | 6 | Exhaust system |
| exhaust | 177 | 6 | Exhaust system |
| exhaust | 178 | 6 | Exhaust system |
| exit | 13 | 4 | Entrance/exit ramp |
| exit | 45 | 4 | Entrance/exit ramp |
| exit | 331 | 5 | Making improper entry to or exit from tr |
| exit | 332 | 5 | Making improper entry to or exit from tr |
| exit | 333 | 5 | Making improper entry to or exit from tr |
| exit | 334 | 5 | Making improper entry to or exit from tr |
| exit | 335 | 5 | Making improper entry to or exit from tr |
| exiting | 25 | 150 | Entering/exiting |
| expedition | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| expedition | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| explorer | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| explorer | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| explosion | 10 | 2 | Fire/Explosion |
| explosion | 37 | 2 | Fire/explosion |
| explosion | 75 | 102 | Fire/explosion |
| explosion | 133 | 2 | Fire/explosion |
| explosion | 168 | 2 | Fire/explosion |
| expressway | 25 | 520 | Expressway crossing |
| exterior | 205 | 53 | Riding on vehicle exterior |
| exterior | 227 | 53 | Riding on vehicle exterior |
| external | 179 | 12 | External mirrors |
| external | 180 | 12 | External mirrors |
| external | 181 | 12 | External mirrors |
| f100-f350 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| f100-f350 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| facility | 30 | 5 | Group 1M - applies if the NASS crash doe |
| facility | 78 | 5 | Group 1M - applies if the NASS crash doe |
| facility | 154 | 5 | Group 1M - applies if the NASS crash doe |
| facility | 219 | 5 | Group 1M - applies if the NASS crash doe |
| facility | 319 | 5 | Group 1M - applies if the NASS crash doe |
| facing | 25 | 19 | Cyclist left turn, facing traffic |
| factor | 175 | * | VEHICLE CONTRIB FACTOR#1 |
| factor | 176 | * | VEHICLE CONTRIB FACTOR#2 |
| factor | 177 | * | VEHICLE CONTRIB FACTOR#3 |
| factor | 178 | * | VEHICLE CONTRIB FACTOR#4 |
| failing | 331 | 1 | Failing to have lights on when required |
| failing | 332 | 1 | Failing to have lights on when required |
| failing | 333 | 1 | Failing to have lights on when required |
| failing | 334 | 1 | Failing to have lights on when required |
| failing | 335 | 1 | Failing to have lights on when required |
| failure | 136 | 3 | Disabling vehicle failure (e.g. wheel fe |
| failure | 165 | 6 | Failure to yield right of way |
| failure | 185 | 6 | Failure to yield right-of-way |
| failure | 186 | 6 | Failure to yield right-of-way |
| failure | 187 | 6 | Failure to yield right-of-way |
| failure | 188 | 6 | Failure to yield right-of-way |
| failure | 189 | 6 | Failure to yield right-of-way |
| failure | 331 | 4 | Failure to keep in proper lane or runnin |
| failure | 332 | 4 | Failure to keep in proper lane or runnin |
| failure | 333 | 4 | Failure to keep in proper lane or runnin |
| failure | 334 | 4 | Failure to keep in proper lane or runnin |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------|-----|-----|--|
| failure | 335 | 4 | Failure to keep in proper lane or runnin |
| falling | 10 | 10 | Thrown or falling object (excludes objec |
| falling | 25 | 36 | Weird - the motorist or cyclist intentio |
| falling | 37 | 10 | Thrown or falling object (excludes objec |
| falling | 75 | 110 | Thrown or falling object (excludes objec |
| falling | 133 | 10 | Thrown or falling object (excludes objec |
| falling | 168 | 10 | Thrown or falling object (excludes objec |
| farm | 108 | 92 | Farm equipment other than trucks |
| farm | 112 | 11 | Farm equipment |
| farm | 158 | 92 | Farm equipment other than trucks |
| fast | 136 | 6 | Traveling too fast for conditions (exces |
| fatal | 26 | 4 | Fatal |
| fatal | 41 | 4 | Fatal |
| fatal | 149 | 4 | Fatal injury (K) |
| fatal | 163 | 4 | Fatal injury (K) |
| fatal | 211 | 4 | Fatal injury (K) |
| fatal | 226 | 4 | Fatal injury (K) |
| fatal | 311 | 4 | Fatal injury (K) |
| fatal | 326 | 4 | Fatal injury (K) |
| fatigued | 229 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fatigued | 230 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fatigued | 231 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fatigued | 329 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fatigued | 330 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| feature | 179 | 4 | Building, billboard, or other design fea |
| feature | 180 | 4 | Building, billboard, or other design fea |
| feature | 181 | 4 | Building, billboard, or other design fea |
| february | 2 | 2 | February |
| fell | 10 | 6 | Noncollision injury (injured in or fell |
| fell | 37 | 6 | Noncollision injury (injured in or fell |
| fell | 75 | 106 | Noncollision injury (injured in or fell |
| fell | 133 | 6 | Noncollision injury (injured in or fell |
| fell | 136 | 3 | Disabling vehicle failure (e.g. wheel fe |
| fell | 168 | 6 | Noncollision injury (injured in or fell |
| fell | 182 | 11 | Sleepy or fell asleep |
| fell | 183 | 11 | Sleepy or fell asleep |
| fell | 184 | 11 | Sleepy or fell asleep |
| fell | 229 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fell | 230 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fell | 231 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fell | 329 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| fell | 330 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| female | 210 | 2 | Female |
| female | 228 | 2 | Female |
| female | 310 | 2 | Female |
| female | 328 | 2 | Female |
| fence | 10 | 41 | Fence |
| fence | 37 | 41 | Fence |
| fence | 75 | 141 | Fence |
| fence | 133 | 41 | Fence |
| fence | 168 | 41 | Fence |
| fiat | 105 | 36 | Fiat |
| fire | 10 | 2 | Fire/Explosion |
| fire | 37 | 2 | Fire/explosion |
| fire | 75 | 102 | Fire/explosion |
| fire | 112 | 7 | Fire truck and car |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| fire | 124 | * | FIRE OCCURRENCE |
| fire | 133 | 2 | Fire/explosion |
| fire | 168 | 2 | Fire/explosion |
| fixed | 10 | 28 | Other object not fixed |
| fixed | 37 | 28 | Other object not fixed |
| fixed | 75 | 128 | Other object not fixed |
| fixed | 81 | 2 | Collision with object not fixed |
| fixed | 133 | 28 | Other object not fixed |
| fixed | 168 | 28 | Other object not fixed |
| flagman | 20 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 48 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 169 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 170 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 171 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 172 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 336 | 51 | Officer, crossing guard, flagman, etc. |
| flagman | 337 | 51 | Officer, crossing guard, flagman, etc. |
| flashing | 20 | 4 | Flashing traffic control signal or flash |
| flashing | 48 | 4 | Flashing traffic control signal or flash |
| flashing | 169 | 4 | Flashing traffic control signal or flash |
| flashing | 170 | 4 | Flashing traffic control signal or flash |
| flashing | 171 | 4 | Flashing traffic control signal or flash |
| flashing | 172 | 4 | Flashing traffic control signal or flash |
| flashing | 336 | 4 | Flashing traffic control signal or flash |
| flashing | 337 | 4 | Flashing traffic control signal or flash |
| flat | 136 | 1 | Blow out or flat tire |
| flatbed | 109 | 4 | Flatbed |
| flew | 136 | 4 | Non-disabling (minor) vehicle problem (e |
| flow | 15 | * | TRAFFICWAY FLOW |
| flow | 148 | * | TRAFFICWAY FLOW |
| fog | 20 | 43 | Warning sign for environment/traffic (fo |
| fog | 23 | 5 | Fog |
| fog | 48 | 43 | Warning sign for environment/traffic (fo |
| fog | 49 | 5 | Fog |
| fog | 169 | 43 | Warning sign for environment/traffic (fo |
| fog | 170 | 43 | Warning sign for environment/traffic (fo |
| fog | 171 | 43 | Warning sign for environment/traffic (fo |
| fog | 172 | 43 | Warning sign for environment/traffic (fo |
| fog | 179 | 15 | Fog |
| fog | 180 | 15 | Fog |
| fog | 181 | 15 | Fog |
| fog | 336 | 43 | Warning sign for environment/traffic (fo |
| fog | 337 | 43 | Warning sign for environment/traffic (fo |
| ford | 105 | 12 | Ford |
| ford | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| ford | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| foreign | 105 | 69 | Other foreign |
| foreign | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| foreign | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| fork | 108 | 97 | Other type vehicle (includes go-cart, fo |
| fork | 158 | 97 | Other type vehicle (includes go-cart, fo |
| freightliner | 105 | 82 | Freightliner, White |
| friday | 4 | 6 | Friday |
| friday | 50 | 6 | Friday |
| front | 25 | 18 | Cyclist left turn, in front of traffic |
| front | 74 | 1 | Front |
| front | 76 | 1 | Front |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| front | 125 | 1 | Front |
| front | 126 | 1 | Front |
| front | 127 | 1 | Front |
| front | 128 | 1 | Front |
| front | 129 | 1 | Front |
| front | 130 | 1 | Front |
| front | 160 | 1 | Front |
| front | 205 | 11 | Front seat - left side (driver's side) |
| front | 227 | 11 | Front seat - left side (driver's side) |
| full-size | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| full-size | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| function | 207 | * | AIRBAG AVAIL/FUNCTION |
| functional | 131 | 2 | Moderate (functional from 1988-2003) |
| fwd | 105 | 83 | FWD |
| g10-g30 | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| g10-g30 | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| garbage | 109 | 8 | Garbage/refuse |
| gas | 10 | 4 | Gas inhalation |
| gas | 25 | 29 | Parking lot, open area, or another nonro |
| gas | 37 | 4 | Gas inhalation |
| gas | 75 | 104 | Gas inhalation |
| gas | 133 | 4 | Gas inhalation |
| gas | 168 | 4 | Gas inhalation |
| gate | 20 | 61 | Active devices (gates, flashing lights, |
| gate | 48 | 61 | Active devices (gates, flashing lights, |
| gate | 169 | 61 | Active devices at RR crossing (gates, fl |
| gate | 170 | 61 | Active devices at RR crossing (gates, fl |
| gate | 171 | 61 | Active devices at RR crossing (gates, fl |
| gate | 172 | 61 | Active devices at RR crossing (gates, fl |
| gate | 336 | 61 | Active device at RR crossing (gates, fla |
| gate | 337 | 61 | Active devices at RR crossing (gates, fl |
| general | 74 | * | GEN AREA DAMAGE-THIS VEH |
| general | 76 | * | GEN AREA OF DAM-OTH VEH |
| general | 105 | 3 | AM General |
| glare | 179 | 2 | Reflected glare, bright sunlight, headli |
| glare | 180 | 2 | Reflected glare, bright sunlight, headli |
| glare | 181 | 2 | Reflected glare, bright sunlight, headli |
| gmc | 105 | 23 | GMC |
| gmc | 108 | 16 | Utility station wagon (Chevrolet Suburba |
| gmc | 158 | 16 | Utility station wagon (Chevrolet Suburba |
| go-cart | 108 | 97 | Other type vehicle (includes go-cart, fo |
| go-cart | 158 | 97 | Other type vehicle (includes go-cart, fo |
| golden | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| golden | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| gore | 14 | 8 | Gore |
| grade | 13 | 5 | Rail grade crossing |
| grade | 18 | 2 | Grade |
| grade | 20 | 41 | Warning sign for road conditions (hill, |
| grade | 44 | 2 | Grade |
| grade | 45 | 5 | Rail grade crossing |
| grade | 48 | 41 | Warning sign for road conditions (hill, |
| grade | 145 | 2 | Grade |
| grade | 169 | 41 | Warning sign for road conditions (hill, |
| grade | 170 | 41 | Warning sign for road conditions (hill, |
| grade | 171 | 41 | Warning sign for road conditions (hill, |
| grade | 172 | 41 | Warning sign for road conditions (hill, |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------------|-----|-----|--|
| grade | 336 | 41 | Warning sign for road conditions (hill, |
| grade | 337 | 41 | Warning sign for road conditions (hill, |
| grader | 108 | 93 | Construction equipment other than trucks |
| grader | 158 | 93 | Construction equipment other than trucks |
| grand | 108 | 16 | Utility station wagon (Chevrolet Suburba |
| grand | 158 | 16 | Utility station wagon (Chevrolet Suburba |
| grate | 10 | 7 | Pavement surface irregularity (ruts, pot |
| grate | 37 | 7 | Pavement surface irregularity (ruts, pot |
| grate | 75 | 107 | Pavement surface irregularity (ruts, pot |
| grate | 133 | 7 | Pavement surface irregularity (ruts, pot |
| grate | 168 | 7 | Pavement surface irregularity (ruts, pot |
| ground | 10 | 31 | Ground |
| ground | 37 | 31 | Ground |
| ground | 75 | 131 | Ground |
| ground | 133 | 31 | Ground |
| ground | 168 | 31 | Ground |
| group | 30 | 1 | Group 1L - applies if an occupant of a t |
| group | 78 | 1 | Group 1L - applies if an occupant of a t |
| group | 154 | 1 | Group 1L - applies if an occupant of a t |
| group | 219 | 1 | Group 1L - applies if an occupant of a t |
| group | 319 | 1 | Group 1L - applies if an occupant of a t |
| grumman | 105 | 25 | Grumman |
| guard | 20 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 48 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 169 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 170 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 171 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 172 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 336 | 51 | Officer, crossing guard, flagman, etc. |
| guard | 337 | 51 | Officer, crossing guard, flagman, etc. |
| guardrail | 10 | 35 | Guardrail |
| guardrail | 37 | 35 | Guardrail |
| guardrail | 75 | 135 | Guardrail |
| guardrail | 123 | 21 | Tripped rollover - by guardrail |
| guardrail | 133 | 35 | Guardrail |
| guardrail | 168 | 35 | Guardrail |
| hail | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| hail | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| hardtop | 108 | 2 | 2-door sedan, hardtop, coupe |
| hardtop | 158 | 2 | 2-door sedan, hardtop, coupe |
| harley-davidson | 105 | 72 | Harley-Davidson |
| harmful | 10 | * | FIRST HARMFUL EVENT |
| harmful | 34 | 4 | Yes, first harmful event in work or cons |
| harmful | 37 | * | IMP FIRST HARMFUL EVENT |
| harmful | 133 | * | MOST HARMFUL EVENT |
| harmful | 168 | * | IMP MOST HARMFUL EVENT |
| harvester | 105 | 84 | International Harvester/Navistar |
| hatchback | 108 | 3 | 3-door/2-door hatchback |
| hatchback | 158 | 3 | 3-door/2-door hatchback |
| hazardous | 113 | * | HAZ MATERIAL PLACARD NO |
| hazardous | 114 | * | HAZ MATERIALS PLACARDED |
| hazardous | 115 | * | HAZ MATERIALS RELEASE |
| head | 179 | 13 | Head restraints |
| head | 180 | 13 | Head restraints |
| head | 181 | 13 | Head restraints |
| headlight | 175 | 7 | Headlights |
| headlight | 176 | 7 | Headlights |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|----|--|
| headlight | 177 | 7 | Headlights |
| headlight | 178 | 7 | Headlights |
| headlight | 179 | 2 | Reflected glare, bright sunlight, headli |
| headlight | 180 | 2 | Reflected glare, bright sunlight, headli |
| headlight | 181 | 2 | Reflected glare, bright sunlight, headli |
| head-on | 11 | 2 | Head-on |
| head-on | 25 | 30 | Head-on, counteractive evasive actions |
| head-on | 40 | 2 | Head-on |
| healey | 105 | 33 | Austin/Austin Healey |
| hearse | 108 | 11 | Auto-based panel (cargo station wagon, a |
| hearse | 112 | 10 | Hearse |
| hearse | 158 | 11 | Auto-based panel (cargo station wagon, a |
| heavy | 30 | 2 | Group 2 - applies if the NASS crash does |
| heavy | 78 | 2 | Group 2 - applies if the NASS crash does |
| heavy | 108 | 65 | Medium/heavy truck-based motorhome |
| heavy | 154 | 2 | Group 2 - applies if the NASS crash does |
| heavy | 158 | 65 | Medium/heavy truck-based motorhome |
| heavy | 219 | 2 | Group 2 - applies if the NASS crash does |
| heavy | 319 | 2 | Group 2 - applies if the NASS crash does |
| helmet | 206 | 5 | Motorcycle helmet |
| helmet | 338 | 2 | Bicycle helmet |
| helmet | 339 | 2 | Bicycle helmet |
| helmet | 340 | 2 | Bicycle helmet |
| hi-cube | 108 | 28 | Other van type (Hi-Cube, Kary) |
| hi-cube | 158 | 28 | Other van type (Hi-Cube, Kary) |
| higher | 136 | 53 | Traveling in same direction with higher |
| highway | 12 | * | INTERSTATE HIGHWAY |
| highway | 15 | 2 | Divided highway (median strip, barrier, |
| highway | 136 | 74 | From entrance to limited access highway |
| highway | 148 | 2 | Divided highway (median strip, barrier) |
| hill | 20 | 41 | Warning sign for road conditions (hill, |
| hill | 48 | 41 | Warning sign for road conditions (hill, |
| hill | 169 | 41 | Warning sign for road conditions (hill, |
| hill | 170 | 41 | Warning sign for road conditions (hill, |
| hill | 171 | 41 | Warning sign for road conditions (hill, |
| hill | 172 | 41 | Warning sign for road conditions (hill, |
| hill | 179 | 3 | Curve or hill |
| hill | 180 | 3 | Curve or hill |
| hill | 181 | 3 | Curve or hill |
| hill | 336 | 41 | Warning sign for road conditions (hill, |
| hill | 337 | 41 | Warning sign for road conditions (hill, |
| hillcrest | 18 | 3 | Hillcrest |
| hillcrest | 44 | 3 | Hillcrest |
| hillcrest | 145 | 3 | Hillcrest |
| hit-and-run | 103 | 2 | Hit-and-run (vehicle and/or driver left |
| hit-and-run | 104 | * | HIT-AND-RUN |
| hit-and-run | 159 | * | IMPUTED HIT-AND-RUN |
| hit-and-run | 175 | 50 | Hit-and-run vehicle |
| hit-and-run | 176 | 50 | Hit-and-run vehicle |
| hit-and-run | 177 | 50 | Hit-and-run vehicle |
| hit-and-run | 178 | 50 | Hit-and-run vehicle |
| hit-and-run | 182 | 50 | Hit-and-run (and no information) |
| hit-and-run | 183 | 50 | Hit-and-run (and no information) |
| hit-and-run | 184 | 50 | Hit-and-run (and no information) |
| hit-and-run | 229 | 50 | Hit-and-run (and no information) |
| hit-and-run | 230 | 50 | Hit-and-run (and no information) |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|-----|--|
| hit-and-run | 231 | 50 | Hit-and-run (and no information) |
| hit-and-run | 329 | 50 | Hit-and-run (and no information) |
| hit-and-run | 330 | 50 | Hit-and-run (and no information) |
| hitch | 175 | 15 | Trailer hitch |
| hitch | 176 | 15 | Trailer hitch |
| hitch | 177 | 15 | Trailer hitch |
| hitch | 178 | 15 | Trailer hitch |
| hitchhiking | 25 | 510 | Hitchhiking |
| honda | 105 | 37 | Honda |
| hood | 136 | 4 | Non-disabling (minor) vehicle problem (e |
| hospital | 212 | * | TAKEN TO HOSP/TREATMENT |
| hospital | 312 | * | TAKEN TO HOSP/TREATMENT |
| hot | 25 | 230 | Hot pursuit |
| hour | 5 | * | ACCIDENT TIME - HOUR |
| hour | 38 | * | IMP ACCIDENT TIME - HOUR |
| hummer | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| hummer | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| hydrant | 10 | 43 | Fire hydrant |
| hydrant | 37 | 43 | Fire hydrant |
| hydrant | 75 | 143 | Fire hydrant |
| hydrant | 133 | 43 | Fire hydrant |
| hydrant | 168 | 43 | Fire hydrant |
| hyundai | 105 | 55 | Hyundai |
| ice | 19 | 4 | Ice |
| ice | 25 | 130 | Ice cream vendor |
| ice | 47 | 4 | Ice |
| ice | 136 | 5 | Poor road conditions (puddle, pothole, i |
| ice | 147 | 4 | Ice |
| ice | 173 | 2 | Poor road conditions (puddle, ice, potho |
| ice | 174 | 2 | Poor road conditions (puddle, ice, potho |
| identifier | 117 | * | CARRIER'S ID NUMBER |
| ill | 229 | 1 | Ill, blackout |
| ill | 230 | 1 | Ill, blackout |
| ill | 231 | 1 | Ill, blackout |
| ill | 329 | 1 | Ill, blackout |
| ill | 330 | 1 | Ill, blackout |
| immersion | 10 | 3 | Immersion |
| immersion | 37 | 3 | Immersion |
| immersion | 75 | 103 | Immersion |
| immersion | 133 | 3 | Immersion |
| immersion | 168 | 3 | Immersion |
| impact | 10 | 33 | Impact attenuator or crash cushion |
| impact | 37 | 33 | Impact attenuator or crash cushion |
| impact | 74 | 99 | Point of impact unknown |
| impact | 75 | 133 | Impact attenuator or crash cushion |
| impact | 76 | 99 | Point of Impact Unknown |
| impact | 125 | * | INITIAL POINT OF IMPACT |
| impact | 133 | 33 | Impact attenuator or crash cushion |
| impact | 141 | 0 | No impact |
| impact | 160 | * | IMP INIT POINT OF IMPACT |
| impact | 168 | 33 | Impact attenuator or crash cushion |
| impaired | 229 | 5 | Impaired due to previous injury |
| impaired | 230 | 5 | Impaired due to previous injury |
| impaired | 231 | 5 | Impaired due to previous injury |
| impaired | 329 | 5 | Impaired due to previous injury |
| impaired | 330 | 5 | Impaired due to previous injury |
| impairment | 229 | * | PHYSICAL IMPAIRMENT #1 |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|-----|--|
| impairment | 230 | * | PHYSICAL IMPAIRMENT #2 |
| impairment | 231 | * | PHYSICAL IMPAIRMENT #3 |
| impairment | 329 | * | PHYSICAL IMPAIRMENT #1 |
| impairment | 330 | * | PHYSICAL IMPAIRMENT #2 |
| imperial | 105 | 8 | Imperial |
| improper | 331 | 3 | Improper or erratic lane changing |
| improper | 332 | 3 | Improper or erratic lane changing |
| improper | 333 | 3 | Improper or erratic lane changing |
| improper | 334 | 3 | Improper or erratic lane changing |
| improper | 335 | 3 | Improper or erratic lane changing |
| improperly | 179 | 14 | Broken or improperly cleaned windshield |
| improperly | 180 | 14 | Broken or improperly cleaned windshield |
| improperly | 181 | 14 | Broken or improperly cleaned windshield |
| imputed | 35 | * | IMP ALC INVOLVED IN ACC |
| imputed | 36 | * | IMP ROADWAY ALIGNMENT |
| imputed | 37 | * | IMP FIRST HARMFUL EVENT |
| imputed | 38 | * | IMP ACCIDENT TIME - HOUR |
| imputed | 39 | * | IMP LIGHT CONDITION |
| imputed | 40 | * | IMP MANNER OF COLLISION |
| imputed | 41 | * | IMP MAX INJ SEV. IN ACC |
| imputed | 42 | * | IMP ACC TIME - MINUTE |
| imputed | 43 | * | IMP NUM INJ PER IN ACC |
| imputed | 44 | * | IMPUTED ROADWAY PROFILE |
| imputed | 45 | * | IMP RELATION TO JUNCTION |
| imputed | 46 | * | IMPUTED SPEED LIMIT |
| imputed | 47 | * | IMP ROADWAY SURFACE COND |
| imputed | 48 | * | IMP TRAFFIC CONTROL DEV |
| imputed | 49 | * | IMP ATMOSPHERIC COND |
| imputed | 50 | * | IMP ACCIDENT DAY OF WEEK |
| imputed | 158 | * | IMPUTED BODY TYPE |
| imputed | 159 | * | IMPUTED HIT-AND-RUN |
| imputed | 160 | * | IMP INIT POINT OF IMPACT |
| imputed | 161 | * | IMP PRIOR TO CRIT EVENT |
| imputed | 162 | * | IMPUTED MODEL YEAR |
| imputed | 163 | * | IMP MAX INJ SEV IN VEH |
| imputed | 164 | * | IMP NUM INJURED IN VEH |
| imputed | 165 | * | IMP VIOLATIONS CHARGED |
| imputed | 166 | * | IMPUTED VEHICLE ROLE |
| imputed | 167 | * | IMP ALC INVOLVED IN VEH |
| imputed | 168 | * | IMP MOST HARMFUL EVENT |
| imputed | 223 | * | IMPUTED OCCUPANT AGE |
| imputed | 224 | * | IMP PAR ALC INVOLVEMENT |
| imputed | 225 | * | IMPUT OCCUPANT EJECTION |
| imputed | 226 | * | IMP OCC INJURY SEVERITY |
| imputed | 227 | * | IMP OCC SEATING POSITION |
| imputed | 228 | * | IMPUTED OCCUPANT SEX |
| imputed | 323 | * | IMPUTED NONMOTORIST AGE |
| imputed | 324 | * | IMP PAR ALC INVOLVEMENT |
| imputed | 326 | * | IMP NMTR INJURY SEVERITY |
| imputed | 328 | * | IMPUTED NONMOTORIST SEX |
| inadequate | 25 | 920 | Inadequate information |
| inadequate | 179 | 9 | Inadequate defrost or defog system |
| inadequate | 180 | 9 | Inadequate defrost or defog system |
| inadequate | 181 | 9 | Inadequate defrost or defog system |
| inattention | 182 | 92 | Distraction or inattention, details unkn |
| inattention | 183 | 92 | Distraction or inattention, details unkn |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------------|-----|-----|--|
| inattention | 184 | 92 | Distraction or inattention, details unkn |
| inattentive | 182 | 97 | Inattentive or lost in thought |
| inattentive | 183 | 97 | Inattentive or lost in thought |
| inattentive | 184 | 97 | Inattentive or lost in thought |
| inattentive | 331 | 24 | Inattentive (talking, eating, etc.) |
| inattentive | 332 | 24 | Inattentive (talking, eating, etc.) |
| inattentive | 333 | 24 | Inattentive (talking, eating, etc.) |
| inattentive | 334 | 24 | Inattentive (talking, eating, etc.) |
| inattentive | 335 | 24 | Inattentive (talking, eating, etc.) |
| incapacitating | 26 | 3 | Incapacitating |
| incapacitating | 41 | 3 | Incapacitating |
| incapacitating | 149 | 3 | Incapacitating injury (A) |
| incapacitating | 163 | 3 | Incapacitating injury (A) |
| incapacitating | 211 | 3 | Incapacitating injury (A) |
| incapacitating | 226 | 3 | Incapacitating injury (A) |
| incapacitating | 311 | 3 | Incapacitating injury (A) |
| incapacitating | 326 | 3 | Incapacitating injury (A) |
| indicates | 25 | 36 | Weird - the motorist or cyclist intentio |
| infiniti | 105 | 58 | Infiniti |
| information | 25 | 920 | Inadequate information |
| information | 34 | 9 | Unknown or no work or construction zone |
| information | 165 | 50 | Hit & run (and no information) |
| information | 173 | 50 | Hit & run (and no information) |
| information | 174 | 50 | Hit & run (and no information) |
| information | 179 | 50 | Hit & run vehicle (and no information) |
| information | 180 | 50 | Hit & run vehicle (and no information) |
| information | 181 | 50 | Hit & run vehicle (and no information) |
| information | 182 | 50 | Hit-and-run (and no information) |
| information | 183 | 50 | Hit-and-run (and no information) |
| information | 184 | 50 | Hit-and-run (and no information) |
| information | 185 | 50 | Hit & run (and no information) |
| information | 186 | 50 | Hit & run (and no information) |
| information | 187 | 50 | Hit & run (and no information) |
| information | 188 | 50 | Hit & run (and no information) |
| information | 189 | 50 | Hit & run (and no information) |
| information | 229 | 50 | Hit-and-run (and no information) |
| information | 230 | 50 | Hit-and-run (and no information) |
| information | 231 | 50 | Hit-and-run (and no information) |
| information | 329 | 50 | Hit-and-run (and no information) |
| information | 330 | 50 | Hit-and-run (and no information) |
| inhalation | 10 | 4 | Gas inhalation |
| inhalation | 37 | 4 | Gas inhalation |
| inhalation | 75 | 104 | Gas inhalation |
| inhalation | 133 | 4 | Gas inhalation |
| inhalation | 168 | 4 | Gas inhalation |
| initial | 125 | * | INITIAL POINT OF IMPACT |
| initiation | 160 | * | IMP INIT POINT OF IMPACT |
| injured | 10 | 6 | Noncollision injury (injured in or fell |
| injured | 26 | 9 | Unknown if injured |
| injured | 27 | 0 | No person injured/property damage only c |
| injured | 30 | 5 | Group 1M - applies if the NASS crash doe |
| injured | 37 | 6 | Noncollision injury (injured in or fell |
| injured | 41 | 5 | Injured, unknown severity |
| injured | 43 | 0 | No person injured/property damage only c |
| injured | 75 | 106 | Noncollision injury (injured in or fell |
| injured | 78 | 5 | Group 1M - applies if the NASS crash doe |
| injured | 133 | 6 | Noncollision injury (injured in or fell |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|---------------|-----|-----|--|
| injured | 149 | 5 | Injured severity unknown |
| injured | 150 | * | NUMBER INJURED IN VEH |
| injured | 154 | 5 | Group 1M - applies if the NASS crash doe |
| injured | 163 | 5 | Injured severity unknown |
| injured | 164 | * | IMP NUM INJURED IN VEH |
| injured | 168 | 6 | Noncollision injury (injured in or fell |
| injured | 211 | 5 | Injured, severity unknown (U) |
| injured | 219 | 5 | Group 1M - applies if the NASS crash doe |
| injured | 226 | 5 | Injured, severity unknown (U) |
| injured | 311 | 5 | Injured, severity unknown (U) |
| injured | 319 | 5 | Group 1M - applies if the NASS crash doe |
| injured | 326 | 5 | Injured, severity unknown (U) |
| injury | 10 | 6 | Noncollision injury (injured in or fell |
| injury | 26 | * | MAX INJ SEVERITY IN ACC |
| injury | 27 | * | NUM INJ PERSONS IN ACC |
| injury | 30 | 4 | Group 4 - applies if the crash does not |
| injury | 37 | 6 | Noncollision injury (injured in or fell |
| injury | 41 | * | IMP MAX INJ SEV. IN ACC |
| injury | 43 | * | IMP NUM INJ PER IN ACC |
| injury | 75 | 106 | Noncollision injury (injured in or fell |
| injury | 78 | 4 | Group 4 - applies if the crash does not |
| injury | 133 | 6 | Noncollision injury (injured in or fell |
| injury | 149 | * | MAX INJ SEVERITY IN VEH |
| injury | 154 | 4 | Group 4 - applies if the crash does not |
| injury | 163 | * | IMP MAX INJ SEV IN VEH |
| injury | 168 | 6 | Noncollision injury (injured in or fell |
| injury | 211 | * | OCC INJURY SEVERITY |
| injury | 219 | 4 | Group 4 - applies if the crash does not |
| injury | 226 | * | IMP OCC INJURY SEVERITY |
| injury | 229 | 5 | Impaired due to previous injury |
| injury | 230 | 5 | Impaired due to previous injury |
| injury | 231 | 5 | Impaired due to previous injury |
| injury | 311 | * | NMTR INJURY SEVERITY |
| injury | 319 | 4 | Group 4 - applies if the crash does not |
| injury | 326 | * | IMP NMTR INJURY SEVERITY |
| injury | 329 | 5 | Impaired due to previous injury |
| injury | 330 | 5 | Impaired due to previous injury |
| integral | 182 | 9 | While using other device/controls integr |
| integral | 183 | 9 | While using other device/controls integr |
| integral | 184 | 9 | While using other device/controls integr |
| intended | 136 | 68 | From crossing street, intended path unkn |
| intentionally | 25 | 36 | Weird - the motorist or cyclist intentio |
| interchange | 13 | 18 | Other location in interchange |
| interchange | 45 | 18 | Other location in interchange |
| intercity | 108 | 58 | Other bus type (transit, intercity, bus- |
| intercity | 158 | 58 | Other bus type (transit, intercity, bus- |
| interior | 179 | 11 | Obstruction interior to the vehicle |
| interior | 180 | 11 | Obstruction interior to the vehicle |
| interior | 181 | 11 | Obstruction interior to the vehicle |
| international | 105 | 84 | International Harvester/Navistar |
| intersection | 13 | 1 | Intersection |
| intersection | 25 | 25 | Uncontrolled intersection, other |
| intersection | 45 | 1 | Intersection |
| intersection | 136 | 15 | Turning left at intersection |
| intersection | 317 | 1 | Intersection - in crosswalk |
| intersection | 331 | 22 | Improper crossing of roadway or intersec |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| intersection | 332 | 22 | Improper crossing of roadway or intersec |
| intersection | 333 | 22 | Improper crossing of roadway or intersec |
| intersection | 334 | 22 | Improper crossing of roadway or intersec |
| intersection | 335 | 22 | Improper crossing of roadway or intersec |
| interstate | 12 | * | INTERSTATE HIGHWAY |
| in-transport | 10 | 8 | Other noncollision (excludes objects set |
| in-transport | 37 | 8 | Other noncollision (excludes objects set |
| in-transport | 75 | 108 | Other noncollision (excludes objects set |
| in-transport | 81 | 4 | Strike another in-transport motor vehicl |
| in-transport | 133 | 8 | Other noncollision (excludes objects set |
| in-transport | 168 | 8 | Other noncollision (excludes objects set |
| involve | 25 | 36 | Weird - the motorist or cyclist intentio |
| involved | 7 | * | NUM VEH INVOLVED IN ACC |
| involved | 8 | * | NUM NMTR INVOLVED IN ACC |
| involved | 25 | 0 | No pedestrian/cyclist involved |
| involved | 26 | 8 | No person involved in the crash |
| involved | 27 | 98 | No person involved in the crash |
| involved | 28 | * | ALCOHOL INVOLVED IN ACC |
| involved | 30 | 3 | Group 3 - applies if the NASS crash does |
| involved | 35 | * | IMP ALC INVOLVED IN ACC |
| involved | 41 | 8 | No person involved in the crash |
| involved | 78 | 3 | Group 3 - applies if the NASS crash does |
| involved | 103 | 0 | Unattended vehicle (driverless, or no dr |
| involved | 118 | * | NUM OCC INVOLVED IN VEH |
| involved | 149 | 8 | No person involved in the crash |
| involved | 150 | 98 | No person involved in the crash |
| involved | 151 | 1 | Alcohol involved |
| involved | 154 | 3 | Group 3 - applies if the NASS crash does |
| involved | 163 | 8 | No person involved in the crash |
| involved | 164 | 98 | No person involved in the crash |
| involved | 167 | * | IMP ALC INVOLVED IN VEH |
| involved | 213 | 1 | Alcohol not involved |
| involved | 214 | 1 | Drugs not involved |
| involved | 219 | 3 | Group 3 - applies if the NASS crash does |
| involved | 224 | 1 | Alcohol not involved |
| involved | 313 | 1 | Alcohol not involved |
| involved | 314 | 1 | Drugs not involved |
| involved | 319 | 3 | Group 3 - applies if the NASS crash does |
| involved | 324 | 1 | Alcohol not involved |
| involves | 25 | 11 | The crash involves a motor vehicle which |
| involves | 30 | 1 | Group 1L - applies if an occupant of a t |
| involves | 78 | 1 | Group 1L - applies if an occupant of a t |
| involves | 154 | 1 | Group 1L - applies if an occupant of a t |
| involves | 219 | 1 | Group 1L - applies if an occupant of a t |
| involves | 319 | 1 | Group 1L - applies if an occupant of a t |
| irregularity | 10 | 7 | Pavement surface irregularity (ruts, pot |
| irregularity | 37 | 7 | Pavement surface irregularity (ruts, pot |
| irregularity | 75 | 107 | Pavement surface irregularity (ruts, pot |
| irregularity | 133 | 7 | Pavement surface irregularity (ruts, pot |
| irregularity | 168 | 7 | Pavement surface irregularity (ruts, pot |
| isuzu | 105 | 38 | Isuzu |
| iveco | 105 | 88 | Iveco/Magirus |
| jackknife | 10 | 5 | Jackknife |
| jackknife | 37 | 5 | Jackknife |
| jackknife | 75 | 105 | Jackknife |
| jackknife | 122 | * | JACKKNIFE |
| jackknife | 133 | 5 | Jackknife |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|----|--|
| jackknife | 168 | 5 | Jackknife |
| jaguar | 105 | 39 | Jaguar |
| january | 2 | 1 | January |
| jaywalking | 331 | 22 | Improper crossing of roadway or intersec |
| jaywalking | 332 | 22 | Improper crossing of roadway or intersec |
| jaywalking | 333 | 22 | Improper crossing of roadway or intersec |
| jaywalking | 334 | 22 | Improper crossing of roadway or intersec |
| jaywalking | 335 | 22 | Improper crossing of roadway or intersec |
| jeep | 105 | 2 | Jeep (includes Kaiser-Jeep) |
| jeep | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| jeep | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| jimmy | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| jimmy | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| jogging | 331 | 25 | Jogging |
| jogging | 332 | 25 | Jogging |
| jogging | 333 | 25 | Jogging |
| jogging | 334 | 25 | Jogging |
| jogging | 335 | 25 | Jogging |
| joint | 175 | 3 | Steering system - tie rod, kingpin, ball |
| joint | 176 | 3 | Steering system - tie rod, kingpin, ball |
| joint | 177 | 3 | Steering system - tie rod, kingpin, ball |
| joint | 178 | 3 | Steering system - tie rod, kingpin, ball |
| july | 2 | 7 | July |
| junction | 13 | * | RELATION TO JUNCTION |
| junction | 45 | * | IMP RELATION TO JUNCTION |
| june | 2 | 6 | June |
| jurisdiction | 29 | * | POLICE JURISDICTION |
| jurisdiction | 77 | * | POLICE JURISDICTION |
| jurisdiction | 153 | * | POLICE JURISDICTION |
| jurisdiction | 218 | * | POLICE JURISDICTION |
| jurisdiction | 318 | * | POLICE JURISDICTION |
| k10-k35 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| k10-k35 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| kaiser-jeep | 105 | 2 | Jeep (includes Kaiser-Jeep) |
| kary | 108 | 28 | Other van type (Hi-Cube, Kary) |
| kary | 158 | 28 | Other van type (Hi-Cube, Kary) |
| kawasaki | 105 | 73 | Kawasaki |
| kenworth | 105 | 85 | Kenworth |
| kg | 108 | 22 | Step van or walk-in van (<=4,536 kg GVWR |
| kg | 158 | 22 | Step van or walk-in van (< 4,536 kg GVWR |
| kia | 105 | 63 | KIA |
| killed | 30 | 1 | Group 1L - applies if an occupant of a t |
| killed | 78 | 1 | Group 1L - applies if an occupant of a t |
| killed | 154 | 1 | Group 1L - applies if an occupant of a t |
| killed | 219 | 1 | Group 1L - applies if an occupant of a t |
| killed | 319 | 1 | Group 1L - applies if an occupant of a t |
| kingpin | 175 | 3 | Steering system - tie rod, kingpin, ball |
| kingpin | 176 | 3 | Steering system - tie rod, kingpin, ball |
| kingpin | 177 | 3 | Steering system - tie rod, kingpin, ball |
| kingpin | 178 | 3 | Steering system - tie rod, kingpin, ball |
| knowing | 25 | 98 | Parallel path 7 - No way of knowing whic |
| lancia | 105 | 40 | Lancia |
| land | 9 | * | LAND USE |
| land | 105 | 62 | Land Rover |
| land | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| land | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|----|---|
| lane | 14 | 7 | In parking lane |
| lane | 15 | 0 | Not physically divided (center 2-way left |
| lane | 16 | * | NUMBER OF TRAVEL LANES |
| lane | 135 | 2 | Decelerating in traffic lane |
| lane | 136 | 10 | Over the lane line on left side of travel |
| lane | 139 | 1 | Stayed in original travel lane |
| lane | 144 | * | NUMBER OF TRAVEL LANES |
| lane | 148 | 0 | Not physically divided (center two way left |
| lane | 161 | 2 | Decelerating in traffic lane |
| lane | 331 | 3 | Improper or erratic lane changing |
| lane | 332 | 3 | Improper or erratic lane changing |
| lane | 333 | 3 | Improper or erratic lane changing |
| lane | 334 | 3 | Improper or erratic lane changing |
| lane | 335 | 3 | Improper or erratic lane changing |
| lap | 206 | 1 | Lap/shoulder belt |
| laredo | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| laredo | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| laterally | 138 | 3 | Skidding laterally - clockwise rotation |
| least | 30 | 2 | Group 2 - applies if the NASS crash does |
| least | 78 | 2 | Group 2 - applies if the NASS crash does |
| least | 154 | 2 | Group 2 - applies if the NASS crash does |
| least | 219 | 2 | Group 2 - applies if the NASS crash does |
| least | 319 | 2 | Group 2 - applies if the NASS crash does |
| leave | 104 | 0 | No, did not leave scene |
| leave | 159 | 0 | No, did not leave scene |
| leaving | 132 | * | MANNER OF LEAVING SCENE |
| leaving | 135 | 8 | Leaving a parked position |
| leaving | 161 | 8 | Leaving a parked position |
| left | 14 | 9 | Continuous left turn lane |
| left | 15 | 0 | Not physically divided (center 2-way left |
| left | 25 | 18 | Cyclist left turn, in front of traffic |
| left | 74 | 3 | Left side |
| left | 76 | 3 | Left side |
| left | 103 | 2 | Hit-and-run (vehicle and/or driver left |
| left | 104 | 1 | Yes, driver or car and driver left scene |
| left | 125 | 3 | Left side |
| left | 126 | 3 | Left side |
| left | 127 | 3 | Left side |
| left | 128 | 3 | Left side |
| left | 129 | 3 | Left side |
| left | 130 | 3 | Left side |
| left | 135 | 11 | Turning left |
| left | 136 | 10 | Over the lane line on left side of travel |
| left | 137 | 6 | Steering to left |
| left | 139 | 2 | Stayed on roadway, but left original tra |
| left | 148 | 0 | Not physically divided (center two way left |
| left | 159 | 1 | Yes, driver or car and driver left scene |
| left | 160 | 3 | Left side |
| left | 161 | 11 | Turning left |
| left | 205 | 11 | Front seat - left side (driver's side) |
| left | 227 | 11 | Front seat - left side (driver's side) |
| level | 18 | 1 | Level |
| level | 44 | 1 | Level |
| level | 145 | 1 | Level |
| lexus | 105 | 59 | Lexus |
| license | 165 | 5 | Driving with a suspended or revoked lice |
| license | 185 | 5 | Driving with a suspended or revoked lice |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------------|-----|-----|---|
| license | 186 | 5 | Driving with a suspended or revoked lices |
| license | 187 | 5 | Driving with a suspended or revoked lices |
| license | 188 | 5 | Driving with a suspended or revoked lices |
| license | 189 | 5 | Driving with a suspended or revoked lices |
| lift | 108 | 97 | Other type vehicle (includes go-cart, fo |
| lift | 158 | 97 | Other type vehicle (includes go-cart, fo |
| light | 20 | 61 | Active devices (gates, flashing lights, |
| light | 22 | * | LIGHT CONDITION |
| light | 39 | * | IMP LIGHT CONDITION |
| light | 48 | 61 | Active devices (gates, flashing lights, |
| light | 108 | 39 | Unknown (pickup style) light conventiona |
| light | 158 | 39 | Unknown (pickup style) light conventiona |
| light | 169 | 61 | Active devices at RR crossing (gates, fl |
| light | 170 | 61 | Active devices at RR crossing (gates, fl |
| light | 171 | 61 | Active devices at RR crossing (gates, fl |
| light | 172 | 61 | Active devices at RR crossing (gates, fl |
| light | 175 | 8 | Signal lights |
| light | 176 | 8 | Signal lights |
| light | 177 | 8 | Signal lights |
| light | 178 | 8 | Signal lights |
| light | 331 | 1 | Failing to have lights on when required |
| light | 332 | 1 | Failing to have lights on when required |
| light | 333 | 1 | Failing to have lights on when required |
| light | 334 | 1 | Failing to have lights on when required |
| light | 335 | 1 | Failing to have lights on when required |
| light | 336 | 61 | Active device at RR crossing (gates, fla |
| light | 337 | 61 | Active devices at RR crossing (gates, fl |
| lighted | 22 | 3 | Dark but lighted |
| lighted | 39 | 3 | Dark, but lighted |
| lighting | 179 | 10 | Inadequate lighting system |
| lighting | 180 | 10 | Inadequate lighting system |
| lighting | 181 | 10 | Inadequate lighting system |
| limit | 21 | * | SPEED LIMIT |
| limit | 46 | * | IMPUTED SPEED LIMIT |
| limit | 146 | * | SPEED LIMIT |
| limited | 136 | 74 | From entrance to limited access highway |
| limousine | 108 | 12 | Large limousine (more than four side doo |
| limousine | 158 | 12 | Large limousine (more than four side doo |
| lincoln | 105 | 13 | Lincoln |
| line | 136 | 10 | Over the lane line on left side of trave |
| listed | 105 | 78 | Moped (other than above listed manufactu |
| listening | 182 | 5 | While talking or listening to cellular p |
| listening | 183 | 5 | While talking or listening to cellular p |
| listening | 184 | 5 | While talking or listening to cellular p |
| load | 179 | 6 | Moving vehicle (including load) |
| load | 180 | 6 | Moving vehicle (including load) |
| load | 181 | 6 | Moving vehicle (including load) |
| longitudinal | 10 | 36 | Concrete traffic barrier or other longit |
| longitudinal | 37 | 36 | Concrete traffic barrier or other longit |
| longitudinal | 75 | 136 | Concrete traffic barrier or other longit |
| longitudinal | 133 | 36 | Concrete traffic barrier or other longit |
| longitudinal | 168 | 36 | Concrete traffic barrier or other longit |
| longitudinally | 138 | 2 | Skidding longitudinally - rotation less |
| looked | 182 | 1 | Looked but did not see |
| looked | 183 | 1 | Looked but did not see |
| looked | 184 | 1 | Looked but did not see |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|---------------|-----|-----|--|
| lot | 21 | 0 | No statutory limit (parking lot, alley, |
| lot | 25 | 29 | Parking lot, open area, or another nonro |
| lot | 46 | 0 | No statutory limit (parking lot, alley, |
| lot | 146 | 0 | No statutory limit (parking lot, alley, |
| lower | 136 | 51 | Traveling in same direction with lower s |
| luv | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| luv | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| lying | 331 | 29 | Playing, working, sitting, lying, standi |
| lying | 332 | 29 | Playing, working, sitting, lying, standi |
| lying | 333 | 29 | Playing, working, sitting, lying, standi |
| lying | 334 | 29 | Playing, working, sitting, lying, standi |
| lying | 335 | 29 | Playing, working, sitting, lying, standi |
| ma | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ma | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ma | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ma | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ma | 321 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, |
| mack | 105 | 86 | Mack |
| macpherson | 175 | 4 | Suspension-springs, shock absorbers, mac |
| macpherson | 176 | 4 | Suspension-springs, shock absorbers, mac |
| macpherson | 177 | 4 | Suspension-springs, shock absorbers, mac |
| macpherson | 178 | 4 | Suspension-springs, shock absorbers, mac |
| magirus | 105 | 88 | Iveco/Magirus |
| mailbox | 25 | 140 | Mailbox related |
| make | 105 | * | MAKE |
| make | 106 | * | MAKE/MODEL |
| male | 210 | 1 | Male |
| male | 228 | 1 | Male |
| male | 310 | 1 | Male |
| male | 328 | 1 | Male |
| maneuver | 135 | 17 | Successful corrective action/avoidance m |
| maneuver | 137 | 1 | No avoidance maneuver |
| maneuver | 173 | * | DRVR MANEUVER TO AVOID#1 |
| maneuver | 174 | * | DRVR MANEUVER TO AVOID#2 |
| maneuvered | 173 | 99 | Unknown if driver maneuvered to avoid |
| maneuvered | 174 | 99 | Unknown if driver maneuvered to avoid |
| manner | 11 | * | MANNER OF COLLISION |
| manner | 40 | * | IMP MANNER OF COLLISION |
| manner | 132 | * | MANNER OF LEAVING SCENE |
| manner | 331 | 6 | Operating the vehicle in other erratic, |
| manner | 332 | 6 | Operating the vehicle in erratic, reckle |
| manner | 333 | 6 | Operating the vehicle in erratic, reckle |
| manner | 334 | 6 | Operating the vehicle in erratic, reckle |
| manner | 335 | 6 | Operating the vehicle in erratic, reckle |
| manufacturer | 105 | 99 | Unknown make/manufacturer |
| manufacturers | 105 | 78 | Moped (other than above listed manufactu |
| march | 2 | 3 | March |
| material | 113 | * | HAZ MATERIAL PLACARD NO |
| material | 114 | * | HAZ MATERIALS PLACARDED |
| material | 115 | * | HAZ MATERIALS RELEASE |
| maximum | 26 | * | MAX INJ SEVERITY IN ACC |
| maximum | 41 | * | IMP MAX INJ SEV. IN ACC |
| maximum | 149 | * | MAX INJ SEVERITY IN VEH |
| maximum | 163 | * | IMP MAX INJ SEV IN VEH |
| may | 2 | 5 | May |
| mazda | 105 | 41 | Mazda |
| mazda | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| mazda | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| me | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| me | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| me | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| me | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| me | 321 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, |
| mechanism | 123 | 29 | Tripped rollover - unknown mechanism |
| median | 14 | 3 | On median |
| median | 15 | 2 | Divided highway (median strip, barrier, |
| median | 148 | 2 | Divided highway (median strip, barrier) |
| medical | 30 | 5 | Group 1M - applies if the NASS crash doe |
| medical | 78 | 5 | Group 1M - applies if the NASS crash doe |
| medical | 154 | 5 | Group 1M - applies if the NASS crash doe |
| medical | 219 | 5 | Group 1M - applies if the NASS crash doe |
| medical | 319 | 5 | Group 1M - applies if the NASS crash doe |
| medium | 30 | 2 | Group 2 - applies if the NASS crash does |
| medium | 78 | 2 | Group 2 - applies if the NASS crash does |
| medium | 108 | 65 | Medium/heavy truck-based motorhome |
| medium | 154 | 2 | Group 2 - applies if the NASS crash does |
| medium | 158 | 65 | Medium/heavy truck-based motorhome |
| medium | 219 | 2 | Group 2 - applies if the NASS crash does |
| medium | 319 | 2 | Group 2 - applies if the NASS crash does |
| mercedes | 105 | 42 | Mercedes Benz |
| mercury | 105 | 14 | Mercury |
| merge | 25 | 720 | Vehicle turn/merge |
| merging | 135 | 16 | Merging |
| merging | 161 | 16 | Merging |
| merkur | 105 | 56 | Merkur |
| mg | 105 | 43 | MG |
| mhe | 134 | * | MHE EVENT NUMBER |
| midblock | 25 | 4 | Ride out, midblock |
| middle | 205 | 12 | Front seat - middle |
| middle | 227 | 12 | Front seat - middle |
| midnight | 5 | 24 | 12:00 Midnight |
| midnight | 38 | 24 | 12:00 Midnight |
| military | 112 | 4 | Military |
| minibike | 108 | 88 | Other motored cycle type (minibike, moto |
| minibike | 158 | 88 | Other motored cycle type (minibike, moto |
| mini-ram | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| mini-ram | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| minivan | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| minivan | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| minor | 131 | 1 | Minor (and not towed due to damage) |
| minor | 136 | 4 | Non-disabling (minor) vehicle problem (e |
| minute | 6 | * | ACCIDENT TIME - MINUTE |
| minute | 42 | * | IMP ACC TIME - MINUTE |
| mirror | 175 | 12 | Mirrors |
| mirror | 176 | 12 | Mirrors |
| mirror | 177 | 12 | Mirrors |
| mirror | 178 | 12 | Mirrors |
| mirror | 179 | 12 | External mirrors |
| mirror | 180 | 12 | External mirrors |
| mirror | 181 | 12 | External mirrors |
| misjudges | 25 | 16 | Motorist overtaking, misjudges passing s |
| mitsubishi | 105 | 52 | Mitsubishi |
| mitsubishi | 108 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| mitsubishi | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| mixer | 109 | 6 | Concrete mixer |
| model | 106 | * | MAKE/MODEL |
| model | 107 | * | MODEL YEAR |
| model | 162 | * | IMPUTED MODEL YEAR |
| moderate | 131 | 2 | Moderate (functional from 1988-2003) |
| monday | 4 | 2 | Monday |
| monday | 50 | 2 | Monday |
| month | 2 | * | ACCIDENT DATE - MONTH |
| moped | 105 | 78 | Moped (other than above listed manufactu |
| moped | 108 | 81 | Moped (motorized bicycle) |
| moped | 158 | 81 | Moped (motorized bicycle) |
| motion | 10 | 8 | Other noncollision (excludes objects set |
| motion | 37 | 8 | Other noncollision (excludes objects set |
| motion | 74 | 15 | Object Set in Motion |
| motion | 75 | 108 | Other noncollision (excludes objects set |
| motion | 125 | 15 | Object set in motion by this vehicle |
| motion | 133 | 8 | Other noncollision (excludes objects set |
| motion | 160 | 15 | Object Set in Motion |
| motion | 168 | 8 | Other noncollision (excludes objects set |
| moto-guzzi | 105 | 74 | Moto-Guzzi |
| motor | 10 | 8 | Other noncollision (excludes objects set |
| motor | 11 | 0 | Not collision with motor vehicle in tran |
| motor | 25 | 11 | The crash involves a motor vehicle which |
| motor | 37 | 8 | Other noncollision (excludes objects set |
| motor | 40 | 0 | Not collision with motor vehicle in tran |
| motor | 75 | 108 | Other noncollision (excludes objects set |
| motor | 76 | 98 | Not a motor vehicle in transport |
| motor | 81 | 4 | Strike another in-transport motor vehicl |
| motor | 105 | 1 | American Motors |
| motor | 133 | 8 | Other noncollision (excludes objects set |
| motor | 136 | 59 | Unknown travel direction of the other mo |
| motor | 168 | 8 | Other noncollision (excludes objects set |
| motor | 204 | 1 | Driver of motor vehicle in transport |
| motor | 304 | 3 | Occupant of a motor vehicle not in trans |
| motorcycle | 105 | 79 | Other motorcycle |
| motorcycle | 108 | 80 | Motorcycle |
| motorcycle | 158 | 80 | Motorcycle |
| motorcycle | 206 | 5 | Motorcycle helmet |
| motored | 108 | 88 | Other motored cycle type (minibike, moto |
| motored | 158 | 88 | Other motored cycle type (minibike, moto |
| motorhome | 108 | 23 | Van-based motorhome |
| motorhome | 158 | 23 | Van-based motorhome |
| motorist | 25 | 13 | Motorist overtakes undetected cyclist |
| motorized | 10 | 27 | Other type nonmotorist (includes motoriz |
| motorized | 37 | 27 | Other type nonmotorist (includes motoriz |
| motorized | 108 | 81 | Moped (motorized bicycle) |
| motorized | 133 | 27 | Other type nonmotorist (includes motoriz |
| motorized | 158 | 81 | Moped (motorized bicycle) |
| motorized | 168 | 27 | Other type nonmotorist (includes motoriz |
| motorscooter | 108 | 88 | Other motored cycle type (minibike, moto |
| motorscooter | 158 | 88 | Other motored cycle type (minibike, moto |
| moving | 179 | 6 | Moving vehicle (including load) |
| moving | 180 | 6 | Moving vehicle (including load) |
| moving | 181 | 6 | Moving vehicle (including load) |
| moving | 182 | 4 | By moving object in vehicle |
| moving | 183 | 4 | By moving object in vehicle |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------------|-----|-----|--|
| moving | 184 | 4 | By moving object in vehicle |
| moving-vehicle | 10 | 26 | Parked motor vehicle (or other mv not in |
| moving-vehicle | 37 | 26 | Parked motor vehicle (or other mv not in |
| moving-vehicle | 75 | 126 | Parked motor vehicle (or other MV not in |
| moving-vehicle | 133 | 26 | Parked motor vehicle (or other mv not in |
| moving-vehicle | 168 | 26 | Parked motor vehicle (or other mv not in |
| moving-vehicle | 317 | 0 | Not applicable - driver or occupant of M |
| multiple | 25 | 7 | Multiple threat |
| nass | 30 | 2 | Group 2 - applies if the NASS crash does |
| nass | 78 | 2 | Group 2 - applies if the NASS crash does |
| nass | 154 | 2 | Group 2 - applies if the NASS crash does |
| nass | 219 | 2 | Group 2 - applies if the NASS crash does |
| nass | 319 | 2 | Group 2 - applies if the NASS crash does |
| navigator | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| navigator | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| navistar | 105 | 84 | International Harvester/Navistar |
| negligent | 331 | 6 | Operating the vehicle in other erratic, |
| negligent | 332 | 6 | Operating the vehicle in erratic, reckle |
| negligent | 333 | 6 | Operating the vehicle in erratic, reckle |
| negligent | 334 | 6 | Operating the vehicle in erratic, reckle |
| negligent | 335 | 6 | Operating the vehicle in erratic, reckle |
| negotiating | 135 | 14 | Negotiating a curve |
| negotiating | 161 | 14 | Negotiating a curve |
| nh | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nh | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nh | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nh | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nh | 321 | + | Northeast(PA, NJ, NY, NH, VT, RI, MA, |
| nissan | 105 | 35 | Nissan/Datsun |
| nissan | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| nissan | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| nj | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nj | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nj | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nj | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| nj | 321 | + | Northeast(PA, NJ, NY, NH, VT, RI, MA, |
| noncollision | 10 | 6 | Noncollision injury (injured in or fell |
| noncollision | 37 | 6 | Noncollision injury (injured in or fell |
| noncollision | 74 | 0 | Noncollision |
| noncollision | 75 | 106 | Noncollision injury (injured in or fell |
| noncollision | 76 | 0 | Noncollision |
| noncollision | 81 | 1 | Noncollision |
| noncollision | 125 | 0 | No damage or noncollision |
| noncollision | 133 | 6 | Noncollision injury (injured in or fell |
| noncollision | 140 | 0 | Noncollision |
| noncollision | 160 | 0 | No damage/noncollision |
| noncollision | 166 | 0 | Noncollision |
| noncollision | 168 | 6 | Noncollision injury (injured in or fell |
| non-deployed | 207 | 2 | Non-deployed |
| non-disabling | 136 | 4 | Non-disabling (minor) vehicle problem (e |
| non-driver | 215 | 8 | Not applicable - non-driver |
| non-driver | 216 | 8 | Not applicable - non-driver |
| non-driver | 315 | 8 | Not applicable - non-driver |
| non-driver | 316 | 8 | Not applicable - non-driver |
| nonincapacitating | 26 | 2 | Nonincapacitating |
| nonincapacitating | 41 | 2 | Nonincapacitating |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------------|-----|------|--|
| nonincapacitating | 149 | 2 | Nonincapacitating injury (B) |
| nonincapacitating | 163 | 2 | Nonincapacitating injury (B) |
| nonincapacitating | 211 | 2 | Nonincapacitating injury (B) |
| nonincapacitating | 226 | 2 | Nonincapacitating injury (B) |
| nonincapacitating | 311 | 2 | Nonincapacitating injury (B) |
| nonincapacitating | 326 | 2 | Nonincapacitating injury (B) |
| non-interchange | 13 | 8 | Other, non-interchange |
| non-interchange | 45 | 8 | Other, non-interchange |
| nonintersection | 317 | 11 | Nonintersection - in crosswalk |
| non-junction | 13 | 0 | Non-junction |
| non-junction | 45 | 0 | Non-junction |
| nonmotor | 304 | 4 | Occupant of a nonmotor vehicle transport |
| nonmotorist | 8 | * | NUM NMTR INVOLVED IN ACC |
| nonmotorist | 10 | 27 | Other type nonmotorist (includes motoriz |
| nonmotorist | 25 | 9999 | First qualifying nonmotorist involved is |
| nonmotorist | 37 | 27 | Other type nonmotorist (includes motoriz |
| nonmotorist | 75 | 127 | Other type nonmotorist |
| nonmotorist | 133 | 27 | Other type nonmotorist (includes motoriz |
| nonmotorist | 136 | 83 | Pedalcyclist/other nonmotorist in roadwa |
| nonmotorist | 168 | 27 | Other type nonmotorist (includes motoriz |
| nonmotorist | 173 | 5 | Pedestrian, pedalcyclist or other nonmot |
| nonmotorist | 174 | 5 | Pedestrian, pedalcyclist or other nonmot |
| nonmotorist | 205 | 0 | Nonmotorist |
| nonmotorist | 227 | 0 | Nonmotorist |
| nonmotorist | 302 | * | VEH STRIKING NUMBER NMTR |
| nonmotorist | 303 | * | NONMOTORIST NUMBER |
| nonmotorist | 304 | * | NONMOTORIST TYPE |
| nonmotorist | 309 | * | NONMOTORIST AGE |
| nonmotorist | 310 | * | NONMOTORIST SEX |
| nonmotorist | 311 | * | NMTR INJURY SEVERITY |
| nonmotorist | 317 | * | NMTR LOCATION |
| nonmotorist | 323 | * | IMPUTED NONMOTORIST AGE |
| nonmotorist | 326 | * | IMP NMTR INJURY SEVERITY |
| nonmotorist | 328 | * | IMPUTED NONMOTORIST SEX |
| nonmotorist | 331 | * | NONMOTORIST ACTION #1 |
| nonmotorist | 332 | * | NONMOTORIST ACTION #2 |
| nonmotorist | 333 | * | NONMOTORIST ACTION #3 |
| nonmotorist | 334 | * | NONMOTORIST ACTION #4 |
| nonmotorist | 335 | * | NONMOTORIST ACTION #5 |
| nonmotorists | 8 | 0 | 0 nonmotorists involved |
| non-occupant | 304 | 8 | Other or unknown non-occupant |
| nonroadway | 25 | 29 | Parking lot, open area, or another nonro |
| northeast | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| northeast | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| northeast | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| northeast | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| northeast | 321 | + | Northeast(PA, NJ, NY, NH, VT, RI, MA, |
| norton | 105 | 75 | Norton |
| noted | 122 | 0 | No jackknife noted on PAR |
| noted | 124 | 0 | No fire noted on PAR |
| november | 2 | 11 | November |
| number | 1 | * | CASE NUMBER |
| number | 7 | * | NUM VEH INVOLVED IN ACC |
| number | 8 | * | NUM NMTR INVOLVED IN ACC |
| number | 16 | * | NUMBER OF TRAVEL LANES |
| number | 27 | * | NUM INJ PERSONS IN ACC |
| number | 31 | * | PSU NUMBER |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|----|--|
| number | 43 | * | IMP NUM INJ PER IN ACC |
| number | 53 | * | NUMBER OF PARKED VEHICLE |
| number | 71 | * | CASE NUMBER |
| number | 72 | * | EVENT SEQUENCE NUMBER |
| number | 73 | * | VEHICLE NUMBER |
| number | 79 | * | PSU NUMBER |
| number | 101 | * | CASE NUMBER |
| number | 102 | * | VEHICLE NUMBER |
| number | 108 | 7 | Hatchback, number of doors unknown |
| number | 117 | * | CARRIER'S ID NUMBER |
| number | 118 | * | NUM OCC INVOLVED IN VEH |
| number | 119 | * | NUMBER OF OCCUPANTS |
| number | 121 | 5 | Yes, number of trailing units unknown |
| number | 134 | * | MHE EVENT NUMBER |
| number | 144 | * | NUMBER OF TRAVEL LANES |
| number | 150 | * | NUMBER INJURED IN VEH |
| number | 155 | * | PSU NUMBER |
| number | 158 | 7 | Hatchback, number of doors unknown |
| number | 164 | * | IMP NUM INJURED IN VEH |
| number | 201 | * | CASE NUMBER |
| number | 202 | * | VEHICLE NUMBER |
| number | 203 | * | OCCUPANT NUMBER |
| number | 220 | * | PSU NUMBER |
| number | 301 | * | CASE NUMBER |
| number | 302 | * | VEH STRIKING NUMBER NMTR |
| number | 303 | * | NONMOTORIST NUMBER |
| number | 320 | * | PSU NUMBER |
| ny | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ny | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ny | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ny | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ny | 321 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, |
| obey | 331 | 8 | Failure to obey traffic signs, traffic c |
| obey | 332 | 8 | Failure to obey traffic signs, traffic c |
| obey | 333 | 8 | Failure to obey traffic signs, traffic c |
| obey | 334 | 8 | Failure to obey traffic signs, traffic c |
| obey | 335 | 8 | Failure to obey traffic signs, traffic c |
| object | 10 | 8 | Other noncollision (excludes objects set |
| object | 37 | 8 | Other noncollision (excludes objects set |
| object | 74 | 15 | Object Set in Motion |
| object | 75 | * | VEH #-OTH VEH/OBJ CONTAC |
| object | 81 | 2 | Collision with object not fixed |
| object | 125 | 15 | Object set in motion by this vehicle |
| object | 133 | 8 | Other noncollision (excludes objects set |
| object | 136 | 90 | Object in roadway |
| object | 160 | 15 | Object Set in Motion |
| object | 168 | 8 | Other noncollision (excludes objects set |
| object | 173 | 1 | Object in road |
| object | 174 | 1 | Object in road |
| object | 182 | 4 | By moving object in vehicle |
| object | 183 | 4 | By moving object in vehicle |
| object | 184 | 4 | By moving object in vehicle |
| obscured | 179 | * | VISION OBSCURED BY #1 |
| obscured | 180 | * | VISION OBSCURED BY #2 |
| obscured | 181 | * | VISION OBSCURED BY #3 |
| obstructed | 25 | 17 | Motorist overtaking cyclist, path obstru |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|----|--|
| obstructed | 179 | 99 | Unknown whether vision was obstructed |
| obstructed | 180 | 99 | Unknown whether vision was obstructed |
| obstructed | 181 | 99 | Unknown whether vision was obstructed |
| obstruction | 179 | 0 | No obstruction |
| obstruction | 180 | 0 | No obstruction |
| obstruction | 181 | 0 | No obstruction |
| occupant | 30 | 1 | Group 1L - applies if an occupant of a t |
| occupant | 78 | 1 | Group 1L - applies if an occupant of a t |
| occupant | 118 | * | NUM OCC INVOLVED IN VEH |
| occupant | 119 | * | NUMBER OF OCCUPANTS |
| occupant | 154 | 1 | Group 1L - applies if an occupant of a t |
| occupant | 182 | 3 | By other occupant(s) |
| occupant | 183 | 3 | By other occupant(s) |
| occupant | 184 | 3 | By other occupant(s) |
| occupant | 203 | * | OCCUPANT NUMBER |
| occupant | 204 | * | OCCUPANT TYPE |
| occupant | 205 | * | OCC SEATING POSITION |
| occupant | 206 | * | OCC RESTRAINT SYSTEM USE |
| occupant | 208 | * | OCCUPANT EJECTION |
| occupant | 209 | * | OCCUPANT AGE |
| occupant | 210 | * | OCCUPANT SEX |
| occupant | 211 | * | OCC INJURY SEVERITY |
| occupant | 219 | 1 | Group 1L - applies if an occupant of a t |
| occupant | 223 | * | IMPUTED OCCUPANT AGE |
| occupant | 225 | * | IMPUT OCCUPANT EJECTION |
| occupant | 226 | * | IMP OCC INJURY SEVERITY |
| occupant | 227 | * | IMP OCC SEATING POSITION |
| occupant | 228 | * | IMPUTED OCCUPANT SEX |
| occupant | 304 | 3 | Occupant of a motor vehicle not in trans |
| occupant | 317 | 0 | Not applicable - driver or occupant of M |
| occupant | 319 | 1 | Group 1L - applies if an occupant of a t |
| occurred | 122 | 1 | Jackknife occurred |
| occurred | 124 | 1 | Fire occurred in vehicle |
| occurrence | 124 | * | FIRE OCCURRENCE |
| occurs | 25 | 36 | Weird - the motorist or cyclist intentio |
| october | 2 | 10 | October |
| officer | 20 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 25 | 36 | Weird - the motorist or cyclist intentio |
| officer | 48 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 169 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 170 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 171 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 172 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 331 | 8 | Failure to obey traffic signs, traffic c |
| officer | 332 | 8 | Failure to obey traffic signs, traffic c |
| officer | 333 | 8 | Failure to obey traffic signs, traffic c |
| officer | 334 | 8 | Failure to obey traffic signs, traffic c |
| officer | 335 | 8 | Failure to obey traffic signs, traffic c |
| officer | 336 | 51 | Officer, crossing guard, flagman, etc. |
| officer | 337 | 51 | Officer, crossing guard, flagman, etc. |
| oil | 19 | 5 | Sand, dirt, oil |
| oil | 47 | 5 | Sand, dirt, oil |
| oil | 147 | 5 | Sand, dirt, oil |
| old | 209 | 0 | Less than one year old |
| old | 223 | 0 | Less than one year old |
| old | 309 | 0 | Less than one year old |
| old | 323 | 0 | Less than one year old |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| oldsmobile | 105 | 21 | Oldsmobile |
| operated | 103 | 1 | Driver operated vehicle |
| operating | 331 | 2 | Operating without required equipment |
| operating | 332 | 2 | Operating without required equipment |
| operating | 333 | 2 | Operating without required equipment |
| operating | 334 | 2 | Operating without required equipment |
| operating | 335 | 2 | Operating without required equipment |
| opposite | 11 | 6 | Sideswipe, opposite direction |
| opposite | 40 | 6 | Sideswipe, opposite direction |
| opposite | 136 | 54 | Traveling in opposite direction |
| original | 139 | 1 | Stayed in original travel lane |
| outside | 14 | 5 | Outside trafficway |
| outside | 182 | 12 | Distracted by outside person, object or |
| outside | 183 | 12 | Distracted by outside person, object or |
| outside | 184 | 12 | Distracted by outside person, object or |
| overtakes | 25 | 13 | Motorist overtakes undetected cyclist |
| overtaking | 25 | 15 | Motorist overtaking, counteractive evasi |
| overtaking | 135 | 6 | Passing or overtaking another vehicle |
| overtaking | 161 | 6 | Passing or overtaking another vehicle |
| overturn | 10 | 1 | Rollover/Overturn |
| overturn | 37 | 1 | Rollover/overturn |
| overturn | 75 | 101 | Rollover/overturn |
| overturn | 133 | 1 | Rollover/overturn |
| overturn | 168 | 1 | Rollover/overturn |
| pa | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| pa | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| pa | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| pa | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| pa | 321 | + | Northeast(PA, NJ, NY, NH, VT, RI, MA, |
| panel | 108 | 11 | Auto-based panel (cargo station wagon, a |
| panel | 158 | 11 | Auto-based panel (cargo station wagon, a |
| par | 122 | 0 | No jackknife noted on PAR |
| par | 124 | 0 | No fire noted on PAR |
| par | 179 | 93 | Not on police accident reports (PAR) |
| par | 180 | 93 | Not on police accident reports (PAR) |
| par | 181 | 93 | Not on police accident report (PAR) |
| par | 182 | 93 | Not on police accident report (PAR) |
| par | 183 | 93 | Not on police accident report (PAR) |
| par | 184 | 93 | Not on police accident report (PAR) |
| par | 208 | 5 | Not on police accident report (PAR) |
| par | 213 | * | PAR ALCOHOL INVOLVEMENT |
| par | 214 | * | PAR DRUG INVOLVEMENT |
| par | 215 | 6 | Not on police accident report (PAR) |
| par | 216 | 6 | Not on police accident report (PAR) |
| par | 224 | * | IMP PAR ALC INVOLVEMENT |
| par | 225 | 5 | Not on police accident report (PAR) |
| par | 229 | 93 | Not on Police Accident Report (PAR) |
| par | 230 | 93 | Not on Police Accident Report (PAR) |
| par | 231 | 93 | Not on Police Accident Report (PAR) |
| par | 313 | * | PAR ALCOHOL INVOLVEMENT |
| par | 314 | * | PAR DRUG INVOLVEMENT |
| par | 315 | 6 | Not on police accident report (PAR) |
| par | 316 | 6 | Not on police accident report (PAR) |
| par | 324 | * | IMP PAR ALC INVOLVEMENT |
| par | 329 | 93 | Not on Police Accident Report (PAR) |
| par | 330 | 93 | Not on Police Accident Report (PAR) |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| parallel | 25 | 97 | Unknown if approach paths are parallel o |
| parallel | 136 | 64 | From parallel/diagonal parking lane |
| parapet | 10 | 34 | Bridge structure (bridge pier/abutment/p |
| parapet | 37 | 34 | Bridge structure (pier/abutment/parapet |
| parapet | 75 | 134 | Bridge structure (bridge pier/abutment/p |
| parapet | 133 | 34 | Bridge structure (bridge pier/abutment/p |
| parapet | 168 | 34 | Bridge structure (bridge pier/abutment/p |
| paraplegic | 229 | 4 | Paraplegic or restricted to wheelchair |
| paraplegic | 230 | 4 | Paraplegic or restricted to wheelchair |
| paraplegic | 231 | 4 | Paraplegic or restricted to wheelchair |
| paraplegic | 329 | 4 | Paraplegic or restricted to wheelchair |
| paraplegic | 330 | 4 | Paraplegic or restricted to wheelchair |
| parked | 10 | 26 | Parked motor vehicle (or other mv not in |
| parked | 25 | 41 | Cyclist struck parked vehicle |
| parked | 37 | 26 | Parked motor vehicle (or other mv not in |
| parked | 53 | * | NUMBER OF PARKED VEHICLE |
| parked | 75 | 126 | Parked motor vehicle (or other MV not in |
| parked | 133 | 26 | Parked motor vehicle (or other mv not in |
| parked | 135 | 7 | Disabled or parked in travel lane |
| parked | 161 | 7 | Disabled or parked in travel lane |
| parked | 168 | 26 | Parked motor vehicle (or other mv not in |
| parked | 179 | 7 | Parked vehicle |
| parked | 180 | 7 | Parked vehicle |
| parked | 181 | 7 | Parked vehicle |
| parking | 14 | 7 | In parking lane |
| parking | 21 | 0 | No statutory limit (parking lot, alley, |
| parking | 25 | 29 | Parking lot, open area, or another nonro |
| parking | 46 | 0 | No statutory limit (parking lot, alley, |
| parking | 135 | 13 | Backing up (other than for parking posit |
| parking | 136 | 64 | From parallel/diagonal parking lane |
| parking | 146 | 0 | No statutory limit (parking lot, alley, |
| parking | 161 | 13 | Backing up (other than for parking purpo |
| partially | 208 | 2 | Partially ejected |
| partially | 225 | 2 | Partially ejected |
| passenger | 30 | 1 | Group 1L - applies if an occupant of a t |
| passenger | 78 | 1 | Group 1L - applies if an occupant of a t |
| passenger | 108 | 17 | 3-door coupe (passenger car, added in 19 |
| passenger | 154 | 1 | Group 1L - applies if an occupant of a t |
| passenger | 158 | 17 | 3-door coupe (passenger car, added in 19 |
| passenger | 204 | 2 | Passenger of a motor vehicle in transpor |
| passenger | 205 | 51 | Other passenger in passenger or cargo ar |
| passenger | 219 | 1 | Group 1L - applies if an occupant of a t |
| passenger | 227 | 51 | Other passenger in passenger or cargo ar |
| passenger | 319 | 1 | Group 1L - applies if an occupant of a t |
| passing | 25 | 16 | Motorist overtaking, misjudges passing s |
| passing | 135 | 6 | Passing or overtaking another vehicle |
| passing | 136 | 17 | Crossing over (passing through) intersec |
| passing | 161 | 6 | Passing or overtaking another vehicle |
| passing | 179 | 8 | Splash or spray of passing vehicle |
| passing | 180 | 8 | Splash or spray of passing vehicle |
| passing | 181 | 8 | Splash or spray of passing vehicle |
| passive | 20 | 62 | Passive device (stop sign, cross bucks) |
| passive | 48 | 62 | Passive device (stop sign, cross bucks) |
| passive | 169 | 62 | Passive device at RR crossing (stop sign |
| passive | 170 | 62 | Passive device at RR crossing (stop sign |
| passive | 171 | 62 | Passive device at RR crossing (stop sign |
| passive | 172 | 62 | Passive device at RR crossing (stop sign |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|------|--|
| passive | 336 | 62 | Passive device at RR crossing (stop sign |
| passive | 337 | 62 | Passive device at RR crossing (stop sign |
| path | 25 | 17 | Motorist overtaking cyclist, path obstru |
| path | 136 | 66 | From crossing street, straight across pa |
| path | 139 | 99 | Vehicle path unknown |
| pavement | 10 | 7 | Pavement surface irregularity (ruts, pot |
| pavement | 37 | 7 | Pavement surface irregularity (ruts, pot |
| pavement | 75 | 107 | Pavement surface irregularity (ruts, pot |
| pavement | 133 | 7 | Pavement surface irregularity (ruts, pot |
| pavement | 168 | 7 | Pavement surface irregularity (ruts, pot |
| pedalcycle | 10 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcycle | 37 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcycle | 75 | 122 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcycle | 133 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcycle | 168 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcyclist | 10 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcyclist | 25 | 40 | Is the pedalcyclist riding a children's |
| pedalcyclist | 37 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcyclist | 75 | 122 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcyclist | 133 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcyclist | 136 | 83 | Pedalcyclist/other nonmotorist in roadwa |
| pedalcyclist | 168 | 22 | Cycle or cyclist (pedalcycle or pedalcyc |
| pedalcyclist | 173 | 5 | Pedestrian, pedalcyclist or other nonmot |
| pedalcyclist | 174 | 5 | Pedestrian, pedalcyclist or other nonmot |
| pedalcyclist | 304 | 6 | Cyclist (pedalcyclist) |
| pedestrian | 10 | 21 | Pedestrian |
| pedestrian | 25 | * | PED/CYCLIST CRASH TYPE |
| pedestrian | 37 | 21 | Pedestrian |
| pedestrian | 75 | 121 | Pedestrian |
| pedestrian | 133 | 21 | Pedestrian |
| pedestrian | 136 | 80 | Pedestrian in roadway |
| pedestrian | 168 | 21 | Pedestrian |
| pedestrian | 173 | 5 | Pedestrian, pedalcyclist or other nonmot |
| pedestrian | 174 | 5 | Pedestrian, pedalcyclist or other nonmot |
| pedestrian | 304 | 5 | Pedestrian |
| person | 25 | 9999 | First qualifying nonmotorist involved is |
| person | 26 | 8 | No person involved in the crash |
| person | 27 | * | NUM INJ PERSONS IN ACC |
| person | 28 | 8 | No applicable person involved in the cra |
| person | 41 | 8 | No person involved in the crash |
| person | 43 | * | IMP NUM INJ PER IN ACC |
| person | 149 | 8 | No person involved in the crash |
| person | 150 | 0 | No person injured/property damage only c |
| person | 163 | 8 | No person involved in the crash |
| person | 164 | 0 | No person injured/property damage only c |
| person | 167 | 8 | No applicable person involed in the cras |
| person | 182 | 12 | Distracted by outside person, object or |
| person | 183 | 12 | Distracted by outside person, object or |
| person | 184 | 12 | Distracted by outside person, object or |
| person | 304 | 7 | Person in or on a working vehicle |
| peterbilt | 105 | 87 | Peterbilt |
| peugeot | 105 | 44 | Peugeot |
| phantom | 173 | 92 | Phantom vehicle |
| phantom | 174 | 92 | Phantom vehicle |
| phone | 182 | 5 | While talking or listening to cellular p |
| phone | 183 | 5 | While talking or listening to cellular p |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| phone | 184 | 5 | While talking or listening to cellular p |
| physical | 229 | * | PHYSICAL IMPAIRMENT #1 |
| physical | 230 | * | PHYSICAL IMPAIRMENT #2 |
| physical | 231 | * | PHYSICAL IMPAIRMENT #3 |
| physical | 329 | * | PHYSICAL IMPAIRMENT #1 |
| physical | 330 | * | PHYSICAL IMPAIRMENT #2 |
| physically | 15 | 0 | Not physically divided (center 2-way lef |
| physically | 148 | 0 | Not physically divided (center two way l |
| physically | 229 | 99 | Unknown if physically impaired |
| physically | 230 | 99 | Unknown if physically impaired |
| physically | 231 | 99 | Unknown if physically impaired |
| physically | 329 | 99 | Unknown if physically impaired |
| physically | 330 | 99 | Unknown if physically impaired |
| pickup | 108 | 10 | Auto-based pickup (includes El Camino, C |
| pickup | 158 | 10 | Auto-based pickup (includes El Camino, C |
| pier | 10 | 34 | Bridge structure (bridge pier/abutment/p |
| pier | 37 | 34 | Bridge structure (pier/abutment/parapet |
| pier | 75 | 134 | Bridge structure (bridge pier/abutment/p |
| pier | 133 | 34 | Bridge structure (bridge pier/abutment/p |
| pier | 168 | 34 | Bridge structure (bridge pier/abutment/p |
| placard | 113 | * | HAZ MATERIAL PLACARD NO |
| placarded | 114 | * | HAZ MATERIALS PLACARDED |
| plates | 37 | 50 | Pavement surface irregularity (ruts, pot |
| play | 25 | 420 | Play vehicle related |
| playing | 25 | 430 | Playing in roadway |
| playing | 331 | 29 | Playing, working, sitting, lying, standi |
| playing | 332 | 29 | Playing, working, sitting, lying, standi |
| playing | 333 | 29 | Playing, working, sitting, lying, standi |
| playing | 334 | 29 | Playing, working, sitting, lying, standi |
| playing | 335 | 29 | Playing, working, sitting, lying, standi |
| plymouth | 105 | 9 | Plymouth |
| plymouth | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| plymouth | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| pole | 10 | 37 | Sign post, utility pole or other support |
| pole | 37 | 37 | Post, pole or support (sign post, utilit |
| pole | 75 | 137 | Sign post, utility pole or other support |
| pole | 133 | 37 | Sign post, utility pole or other support |
| pole | 168 | 37 | Post, pole or support (sign post, utilit |
| police | 25 | 330 | Emergency/police vehicle related |
| police | 29 | * | POLICE JURISDICTION |
| police | 52 | 6 | Not coded on Police Report |
| police | 77 | * | POLICE JURISDICTION |
| police | 112 | 5 | Police |
| police | 153 | * | POLICE JURISDICTION |
| police | 173 | 93 | Not on police report |
| police | 174 | 93 | Not on police report |
| police | 179 | 93 | Not on police accident reports (PAR) |
| police | 180 | 93 | Not on police accident reports (PAR) |
| police | 181 | 93 | Not on police accident report (PAR) |
| police | 182 | 93 | Not on police accident report (PAR) |
| police | 183 | 93 | Not on police accident report (PAR) |
| police | 184 | 93 | Not on police accident report (PAR) |
| police | 208 | 5 | Not on police accident report (PAR) |
| police | 213 | 6 | Not on police accident report (PAR) |
| police | 214 | 6 | Not on police accident report (PAR) |
| police | 215 | 6 | Not on police accident report (PAR) |
| police | 216 | 6 | Not on police accident report (PAR) |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| police | 218 | * | POLICE JURISDICTION |
| police | 224 | 6 | Not on police accident report |
| police | 225 | 5 | Not on police accident report (PAR) |
| police | 229 | 93 | Not on Police Accident Report (PAR) |
| police | 230 | 93 | Not on Police Accident Report (PAR) |
| police | 231 | 93 | Not on Police Accident Report (PAR) |
| police | 313 | 6 | Not on police accident report (PAR) |
| police | 314 | 6 | Not on police accident report (PAR) |
| police | 315 | 6 | Not on police accident report (PAR) |
| police | 316 | 6 | Not on police accident report (PAR) |
| police | 318 | * | POLICE JURISDICTION |
| police | 324 | 6 | Not on police accident report (PAR) |
| police | 329 | 93 | Not on Police Accident Report (PAR) |
| police | 330 | 93 | Not on Police Accident Report (PAR) |
| pontiac | 105 | 22 | Pontiac |
| poor | 136 | 5 | Poor road conditions (puddle, pothole, i |
| poor | 173 | 2 | Poor road conditions (puddle, ice, potho |
| poor | 174 | 2 | Poor road conditions (puddle, ice, potho |
| population | 9 | 1 | Within area of population 25,000-50,000 |
| porsche | 105 | 45 | Porsche |
| position | 135 | 8 | Leaving a parked position |
| position | 161 | 8 | Leaving a parked position |
| position | 205 | * | OCC SEATING POSITION |
| position | 227 | * | IMP OCC SEATING POSITION |
| possible | 26 | 1 | Possible injury |
| possible | 41 | 1 | Possible injury |
| possible | 149 | 1 | Possible injury (C) |
| possible | 163 | 1 | Possible injury (C) |
| possible | 211 | 1 | Possible injury(C) |
| possible | 226 | 1 | Possible injury(C) |
| possible | 311 | 1 | Possible injury(C) |
| possible | 326 | 1 | Possible injury(C) |
| post | 10 | 37 | Sign post, utility pole or other support |
| post | 37 | 37 | Post, pole or support (sign post, utilit |
| post | 75 | 137 | Sign post, utility pole or other support |
| post | 133 | 37 | Sign post, utility pole or other support |
| post | 168 | 37 | Post, pole or support (sign post, utilit |
| pothole | 136 | 5 | Poor road conditions (puddle, pothole, i |
| pothole | 173 | 2 | Poor road conditions (puddle, ice, potho |
| pothole | 174 | 2 | Poor road conditions (puddle, ice, potho |
| potholes | 10 | 7 | Pavement surface irregularity (ruts, pot |
| potholes | 37 | 7 | Pavement surface irregularity (ruts, pot |
| potholes | 75 | 107 | Pavement surface irregularity (ruts, pot |
| potholes | 133 | 7 | Pavement surface irregularity (ruts, pot |
| potholes | 168 | 7 | Pavement surface irregularity (ruts, pot |
| pound | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| pound | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| power | 175 | 5 | Power train - universal joint, drive sha |
| power | 176 | 5 | Power train - universal joint, drive sha |
| power | 177 | 5 | Power train - universal joint, drive sha |
| power | 178 | 5 | Power train - universal joint, drive sha |
| precrash | 138 | * | PRECRASH VEHICLE CONTROL |
| precrash | 139 | * | PRECRASH LOCATION |
| presence | 103 | * | DRIVER PRESENCE |
| previous | 135 | 17 | Successful corrective action/avoidance m |
| previous | 161 | 17 | Successful corrective action to a previo |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|------|--|
| previous | 229 | 5 | Impaired due to previous injury |
| previous | 230 | 5 | Impaired due to previous injury |
| previous | 231 | 5 | Impaired due to previous injury |
| previous | 329 | 5 | Impaired due to previous injury |
| previous | 330 | 5 | Impaired due to previous injury |
| problem | 136 | 4 | Non-disabling (minor) vehicle problem (e |
| profile | 18 | * | ROADWAY PROFILE |
| profile | 44 | * | IMPUTED ROADWAY PROFILE |
| profile | 145 | * | ROADWAY PROFILE |
| proper | 331 | 4 | Failure to keep in proper lane or runnin |
| proper | 332 | 4 | Failure to keep in proper lane or runnin |
| proper | 333 | 4 | Failure to keep in proper lane or runnin |
| proper | 334 | 4 | Failure to keep in proper lane or runnin |
| proper | 335 | 4 | Failure to keep in proper lane or runnin |
| property | 27 | 0 | No person injured/property damage only c |
| property | 43 | 0 | No person injured/property damage only c |
| property | 150 | 0 | No person injured/property damage only c |
| property | 164 | 0 | No person injured/property damage only c |
| psu | 31 | * | PSU NUMBER |
| psu | 51 | * | PSU STRATUM |
| psu | 79 | * | PSU NUMBER |
| psu | 155 | * | PSU NUMBER |
| psu | 220 | * | PSU NUMBER |
| psu | 320 | * | PSU NUMBER |
| pu | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| pu | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| puddle | 136 | 5 | Poor road conditions (puddle, pothole, i |
| puddle | 173 | 2 | Poor road conditions (puddle, ice, potho |
| puddle | 174 | 2 | Poor road conditions (puddle, ice, potho |
| pup | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| pup | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| purpose | 135 | 13 | Backing up (other than for parking posit |
| purpose | 161 | 13 | Backing up (other than for parking purpo |
| pursuit | 25 | 230 | Hot pursuit |
| pushing | 331 | 26 | Nonmotorist pushing a vehicle |
| pushing | 332 | 26 | Nonmotorist pushing a vehicle |
| pushing | 333 | 26 | Nonmotorist pushing a vehicle |
| pushing | 334 | 26 | Nonmotorist pushing a vehicle |
| pushing | 335 | 26 | Nonmotorist pushing a vehicle |
| qualify | 30 | 2 | Group 2 - applies if the NASS crash does |
| qualify | 78 | 2 | Group 2 - applies if the NASS crash does |
| qualify | 154 | 2 | Group 2 - applies if the NASS crash does |
| qualify | 219 | 2 | Group 2 - applies if the NASS crash does |
| qualify | 319 | 2 | Group 2 - applies if the NASS crash does |
| qualifying | 25 | 9999 | First qualifying nonmotorist involved is |
| r100-r500 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| r100-r500 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| r10-r35 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| r10-r35 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| rabbit | 108 | 10 | Auto-based pickup (includes El Camino, C |
| rabbit | 158 | 10 | Auto-based pickup (includes El Camino, C |
| radio | 182 | 8 | While adjusting radio, cassette, or CD |
| radio | 183 | 8 | While adjusting radio, cassette, or CD |
| radio | 184 | 8 | While adjusting radio, cassette, or CD |
| raider | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| raider | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| rail | 10 | 34 | Bridge structure (bridge pier/abutment/p |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|-----|--|
| rail | 13 | 5 | Rail grade crossing |
| rail | 37 | 34 | Bridge structure (pier/abutment/parapet |
| rail | 45 | 5 | Rail grade crossing |
| rail | 75 | 134 | Bridge structure (bridge pier/abutment/p |
| rail | 133 | 34 | Bridge structure (bridge pier/abutment/p |
| rail | 168 | 34 | Bridge structure (bridge pier/abutment/p |
| railway | 10 | 23 | Railway train |
| railway | 37 | 23 | Railway train |
| railway | 75 | 123 | Railway train |
| railway | 133 | 23 | Railway train |
| railway | 168 | 23 | Railway train |
| rain | 23 | 2 | Rain |
| rain | 49 | 2 | Rain |
| rain | 179 | 1 | Rain, snow, smoke, sand, dust |
| rain | 180 | 1 | Rain, snow, smoke, sand, dust |
| rain | 181 | 1 | Rain, snow, smoke, sand, dust |
| rally | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| rally | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| ram | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| ram | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| rambler | 106 | + | Rambler/American |
| ramcharger | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| ramcharger | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| ramp | 13 | 4 | Entrance/exit ramp |
| ramp | 45 | 4 | Entrance/exit ramp |
| rampage | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| rampage | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| ranchero | 108 | 10 | Auto-based pickup (includes El Camino, C |
| ranchero | 158 | 10 | Auto-based pickup (includes El Camino, C |
| ranger | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| ranger | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| reaching | 182 | 10 | While using or reaching for device/objec |
| reaching | 183 | 10 | While using or reaching for device/objec |
| reaching | 184 | 10 | While using or reaching for device/objec |
| rear-end | 11 | 1 | Rear-end |
| rear-end | 40 | 1 | Rear-end |
| rear-to-rear | 11 | 3 | Rear-to-rear |
| rear-to-rear | 40 | 3 | Rear-to-rear |
| receive | 30 | 4 | Group 4 - applies if the crash does not |
| receive | 78 | 4 | Group 4 - applies if the crash does not |
| receive | 154 | 4 | Group 4 - applies if the crash does not |
| receive | 219 | 4 | Group 4 - applies if the crash does not |
| receive | 319 | 4 | Group 4 - applies if the crash does not |
| reckless | 165 | 4 | Reckless driving |
| reckless | 185 | 4 | Reckless driving |
| reckless | 186 | 4 | Reckless driving |
| reckless | 187 | 4 | Reckless driving |
| reckless | 188 | 4 | Reckless driving |
| reckless | 189 | 4 | Reckless driving |
| reckless | 331 | 6 | Operating the vehicle in other erratic, |
| reckless | 332 | 6 | Operating the vehicle in erratic, reckle |
| reckless | 333 | 6 | Operating the vehicle in erratic, reckle |
| reckless | 334 | 6 | Operating the vehicle in erratic, reckle |
| reckless | 335 | 6 | Operating the vehicle in erratic, reckle |
| record | 338 | 99 | No record |
| record | 339 | 99 | No record |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| record | 340 | 99 | No record |
| red | 25 | 10 | Right on red |
| reflected | 179 | 2 | Reflected glare, bright sunlight, headli |
| reflected | 180 | 2 | Reflected glare, bright sunlight, headli |
| reflected | 181 | 2 | Reflected glare, bright sunlight, headli |
| reflective | 338 | 3 | Reflective equipment |
| reflective | 339 | 3 | Reflective equipment |
| reflective | 340 | 3 | Reflective equipment |
| refuse | 109 | 8 | Garbage/refuse |
| region | 32 | * | REGION OF COUNTRY |
| region | 80 | * | REGION OF COUNTRY |
| region | 156 | * | REGION OF COUNTRY |
| region | 221 | * | REGION OF COUNTRY |
| region | 321 | * | REGION OF COUNTRY |
| related | 13 | 2 | Intersection related |
| related | 20 | 23 | School zone related sign |
| related | 24 | * | SCH BUS RELATED TO ACC |
| related | 25 | 110 | Commercial bus related |
| related | 34 | 5 | Yes, first harmful event related to, but |
| related | 45 | 2 | Intersection related |
| related | 48 | 23 | School zone related sign |
| related | 49 | 1 | No adverse atmospheric related driving c |
| related | 142 | * | SPEED RELATED |
| related | 169 | 23 | School zone related sign |
| related | 170 | 23 | School zone related sign |
| related | 171 | 23 | School zone related sign |
| related | 172 | 23 | School zone related sign |
| related | 182 | 14 | Smoking related |
| related | 183 | 14 | Smoking related |
| related | 184 | 14 | Smoking related |
| related | 336 | 23 | School zone related sign |
| related | 337 | 23 | School zone related sign |
| relation | 13 | * | RELATION TO JUNCTION |
| relation | 14 | * | RELATION TO ROADWAY |
| relation | 45 | * | IMP RELATION TO JUNCTION |
| release | 115 | * | HAZ MATERIALS RELEASE |
| releasing | 137 | 5 | Releasing brakes |
| renault | 105 | 46 | Renault/AMC |
| renegade | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| renegade | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| reo | 105 | 81 | Diamond Reo, Reo |
| report | 52 | 6 | Not coded on Police Report |
| report | 173 | 93 | Not on police report |
| report | 174 | 93 | Not on police report |
| report | 179 | 93 | Not on police accident reports (PAR) |
| report | 180 | 93 | Not on police accident reports (PAR) |
| report | 181 | 93 | Not on police accident report (PAR) |
| report | 182 | 93 | Not on police accident report (PAR) |
| report | 183 | 93 | Not on police accident report (PAR) |
| report | 184 | 93 | Not on police accident report (PAR) |
| report | 208 | 5 | Not on police accident report (PAR) |
| report | 213 | 6 | Not on police accident report (PAR) |
| report | 214 | 6 | Not on police accident report (PAR) |
| report | 215 | 6 | Not on police accident report (PAR) |
| report | 216 | 6 | Not on police accident report (PAR) |
| report | 224 | 6 | Not on police accident report |
| report | 225 | 5 | Not on police accident report (PAR) |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|----|--|
| report | 229 | 93 | Not on Police Accident Report (PAR) |
| report | 230 | 93 | Not on Police Accident Report (PAR) |
| report | 231 | 93 | Not on Police Accident Report (PAR) |
| report | 313 | 6 | Not on police accident report (PAR) |
| report | 314 | 6 | Not on police accident report (PAR) |
| report | 315 | 6 | Not on police accident report (PAR) |
| report | 316 | 6 | Not on police accident report (PAR) |
| report | 324 | 6 | Not on police accident report (PAR) |
| report | 329 | 93 | Not on Police Accident Report (PAR) |
| report | 330 | 93 | Not on Police Accident Report (PAR) |
| reported | 165 | 96 | Not reported |
| reported | 173 | 96 | Not reported |
| reported | 174 | 96 | Not reported |
| reported | 179 | 96 | Not reported |
| reported | 180 | 96 | Not reported |
| reported | 181 | 96 | Not reported |
| reported | 182 | 96 | Not reported |
| reported | 183 | 96 | Not reported |
| reported | 184 | 96 | Not reported |
| reported | 185 | 96 | Not reported |
| reported | 186 | 96 | Not reported |
| reported | 187 | 96 | Not reported |
| reported | 188 | 96 | Not reported |
| reported | 189 | 96 | Not reported |
| reported | 213 | 9 | Unknown (police reported) |
| reported | 224 | 9 | Unknown (police reported) |
| reported | 313 | 9 | Unknown (police reported) |
| reported | 314 | 9 | Unknown (police reported) |
| reported | 324 | 8 | Not reported |
| required | 331 | 1 | Failing to have lights on when required |
| required | 332 | 1 | Failing to have lights on when required |
| required | 333 | 1 | Failing to have lights on when required |
| required | 334 | 1 | Failing to have lights on when required |
| required | 335 | 1 | Failing to have lights on when required |
| requires | 229 | 3 | Requires cane or crutches |
| requires | 230 | 3 | Requires cane or crutches |
| requires | 231 | 3 | Requires cane or crutches |
| requires | 329 | 3 | Requires cane or crutches |
| requires | 330 | 3 | Requires cane or crutches |
| rescue | 108 | 40 | Cab chassis-based (includes rescue vehic |
| rescue | 158 | 40 | Cab chassis-based (includes rescue vehic |
| resident | 152 | 0 | Not resident of U.S. or territories |
| residential | 25 | 1 | Ride out, residential driveway |
| restraint | 179 | 13 | Head restraints |
| restraint | 180 | 13 | Head restraints |
| restraint | 181 | 13 | Head restraints |
| restraint | 206 | * | OCC RESTRAINT SYSTEM USE |
| restricted | 229 | 4 | Paraplegic or restricted to wheelchair |
| restricted | 230 | 4 | Paraplegic or restricted to wheelchair |
| restricted | 231 | 4 | Paraplegic or restricted to wheelchair |
| restricted | 329 | 4 | Paraplegic or restricted to wheelchair |
| restricted | 330 | 4 | Paraplegic or restricted to wheelchair |
| returned | 139 | 6 | Returned to roadway |
| revoked | 165 | 5 | Driving with a suspended or revoked lice |
| revoked | 185 | 5 | Driving with a suspended or revoked lice |
| revoked | 186 | 5 | Driving with a suspended or revoked lice |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------|-----|------|---|
| revoked | 187 | 5 | Driving with a suspended or revoked lices |
| revoked | 188 | 5 | Driving with a suspended or revoked lices |
| revoked | 189 | 5 | Driving with a suspended or revoked lices |
| ri | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ri | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ri | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ri | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| ri | 321 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, |
| ride | 25 | 1 | Ride out, residential driveway |
| riding | 25 | 40 | Is the pedalcyclist riding a children's |
| riding | 205 | 53 | Riding on vehicle exterior |
| riding | 227 | 53 | Riding on vehicle exterior |
| right | 25 | 10 | Right on red |
| right | 74 | 2 | Right side |
| right | 76 | 2 | Right side |
| right | 125 | 2 | Right side |
| right | 126 | 2 | Right side |
| right | 127 | 2 | Right side |
| right | 128 | 2 | Right side |
| right | 129 | 2 | Right side |
| right | 130 | 2 | Right side |
| right | 135 | 10 | Turning right |
| right | 136 | 11 | Over the lane line on right side of trav |
| right | 137 | 7 | Steering to right |
| right | 160 | 2 | Right side |
| right | 161 | 10 | Turning right |
| right | 165 | 6 | Failure to yield right of way |
| right | 205 | 13 | Front seat - right side |
| right | 227 | 13 | Front seat - right side |
| right | 331 | 7 | Failure to yield right of way |
| right | 332 | 7 | Failure to yield right of way |
| right | 333 | 7 | Failure to yield right of way |
| right | 334 | 7 | Failure to yield right of way |
| right | 335 | 7 | Failure to yield right of way |
| right-of-way | 185 | 6 | Failure to yield right-of-way |
| right-of-way | 186 | 6 | Failure to yield right-of-way |
| right-of-way | 187 | 6 | Failure to yield right-of-way |
| right-of-way | 188 | 6 | Failure to yield right-of-way |
| right-of-way | 189 | 6 | Failure to yield right-of-way |
| road | 20 | 41 | Warning sign for road conditions (hill, |
| road | 25 | 1532 | Wheelchair: Walking along road - against |
| road | 48 | 41 | Warning sign for road conditions (hill, |
| road | 136 | 5 | Poor road conditions (puddle, pothole, i |
| road | 169 | 41 | Warning sign for road conditions (hill, |
| road | 170 | 41 | Warning sign for road conditions (hill, |
| road | 171 | 41 | Warning sign for road conditions (hill, |
| road | 172 | 41 | Warning sign for road conditions (hill, |
| road | 173 | 1 | Object in road |
| road | 174 | 1 | Object in road |
| road | 331 | 4 | Failure to keep in proper lane or runnin |
| road | 332 | 4 | Failure to keep in proper lane or runnin |
| road | 333 | 4 | Failure to keep in proper lane or runnin |
| road | 334 | 4 | Failure to keep in proper lane or runnin |
| road | 335 | 4 | Failure to keep in proper lane or runnin |
| road | 336 | 41 | Warning sign for road conditions (hill, |
| road | 337 | 41 | Warning sign for road conditions (hill, |
| roadside | 14 | 4 | On roadside |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------|-----|------|--|
| roadway | 14 | * | RELATION TO ROADWAY |
| roadway | 17 | * | ROADWAY ALIGNMENT |
| roadway | 18 | * | ROADWAY PROFILE |
| roadway | 19 | * | ROADWAY SURFACE COND |
| roadway | 25 | 410 | Working on roadway |
| roadway | 36 | * | IMP ROADWAY ALIGNMENT |
| roadway | 44 | * | IMPUTED ROADWAY PROFILE |
| roadway | 47 | * | IMP ROADWAY SURFACE COND |
| roadway | 136 | 80 | Pedestrian in roadway |
| roadway | 139 | 2 | Stayed on roadway, but left original tra |
| roadway | 143 | * | ROADWAY ALIGNMENT |
| roadway | 145 | * | ROADWAY PROFILE |
| roadway | 317 | 2 | Intersection - on roadway |
| roadway | 331 | 22 | Improper crossing of roadway or intersec |
| roadway | 332 | 22 | Improper crossing of roadway or intersec |
| roadway | 333 | 22 | Improper crossing of roadway or intersec |
| roadway | 334 | 22 | Improper crossing of roadway or intersec |
| roadway | 335 | 22 | Improper crossing of roadway or intersec |
| rod | 175 | 3 | Steering system - tie rod, kingpin, ball |
| rod | 176 | 3 | Steering system - tie rod, kingpin, ball |
| rod | 177 | 3 | Steering system - tie rod, kingpin, ball |
| rod | 178 | 3 | Steering system - tie rod, kingpin, ball |
| role | 140 | * | VEHICLE ROLE |
| role | 166 | * | IMPUTED VEHICLE ROLE |
| rolled | 25 | 1750 | Wheelchair: Rolled into vehicle - at int |
| rollover | 10 | 1 | Rollover/Overturn |
| rollover | 37 | 1 | Rollover/overturn |
| rollover | 75 | 101 | Rollover/overturn |
| rollover | 123 | * | ROLLOVER |
| rollover | 133 | 1 | Rollover/overturn |
| rollover | 168 | 1 | Rollover/overturn |
| romeo | 105 | 31 | Alfa Romeo |
| roof | 108 | 1 | Convertible (excludes sun roof, t-bar) |
| roof | 158 | 1 | Convertible (excludes sun roof, t-bar) |
| rotation | 138 | 2 | Skidding longitudinally - rotation less |
| rover | 105 | 62 | Land Rover |
| rover | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| rover | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| run | 165 | 50 | Hit & run (and no information) |
| run | 173 | 50 | Hit & run (and no information) |
| run | 174 | 50 | Hit & run (and no information) |
| run | 179 | 50 | Hit & run vehicle (and no information) |
| run | 180 | 50 | Hit & run vehicle (and no information) |
| run | 181 | 50 | Hit & run vehicle (and no information) |
| run | 185 | 50 | Hit & run (and no information) |
| run | 186 | 50 | Hit & run (and no information) |
| run | 187 | 50 | Hit & run (and no information) |
| run | 188 | 50 | Hit & run (and no information) |
| run | 189 | 50 | Hit & run (and no information) |
| running | 165 | 7 | Running a traffic signal or stop sign |
| running | 185 | 7 | Running a traffic signal or stop sign |
| running | 186 | 7 | Running a traffic signal or stop sign |
| running | 187 | 7 | Running a traffic signal or stop sign |
| running | 188 | 7 | Running a traffic signal or stop sign |
| running | 189 | 7 | Running a traffic signal or stop sign |
| running | 331 | 4 | Failure to keep in proper lane or runnin |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------|-----|-----|--|
| running | 332 | 4 | Failure to keep in proper lane or runnin |
| running | 333 | 4 | Failure to keep in proper lane or runnin |
| running | 334 | 4 | Failure to keep in proper lane or runnin |
| running | 335 | 4 | Failure to keep in proper lane or runnin |
| rut | 10 | 7 | Pavement surface irregularity (ruts, pot |
| rut | 37 | 7 | Pavement surface irregularity (ruts, pot |
| rut | 75 | 107 | Pavement surface irregularity (ruts, pot |
| rut | 133 | 7 | Pavement surface irregularity (ruts, pot |
| rut | 168 | 7 | Pavement surface irregularity (ruts, pot |
| s-10 | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| s-10 | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| s5-s15 | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| s5-s15 | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| saab | 105 | 47 | Saab |
| safari | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| safari | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| safety | 206 | 6 | Child safety seat |
| safety | 331 | 8 | Failure to obey traffic signs, traffic c |
| safety | 332 | 8 | Failure to obey traffic signs, traffic c |
| safety | 333 | 8 | Failure to obey traffic signs, traffic c |
| safety | 334 | 8 | Failure to obey traffic signs, traffic c |
| safety | 335 | 8 | Failure to obey traffic signs, traffic c |
| safety | 338 | * | SAFETY EQUIPMENT USED #1 |
| safety | 339 | * | SAFETY EQUIPMENT USED #2 |
| safety | 340 | * | SAFETY EQUIPMENT USED #3 |
| sag | 18 | 8 | Sag |
| sag | 44 | 8 | Sag |
| sag | 145 | 8 | Sag |
| sand | 19 | 5 | Sand, dirt, oil |
| sand | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| sand | 47 | 5 | Sand, dirt, oil |
| sand | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| sand | 147 | 5 | Sand, dirt, oil |
| sand | 179 | 1 | Rain, snow, smoke, sand, dust |
| sand | 180 | 1 | Rain, snow, smoke, sand, dust |
| sand | 181 | 1 | Rain, snow, smoke, sand, dust |
| saturday | 4 | 7 | Saturday |
| saturday | 50 | 7 | Saturday |
| saturn | 105 | 24 | Saturn |
| scamp | 108 | 30 | Compact pickup(<4,500 lbs GVWR, S5-S15, |
| scamp | 158 | 30 | Compact pickup (<4,500 lbs GVWR, S5-S15, |
| scene | 52 | * | EMS ON SCENE |
| scene | 103 | 2 | Hit-and-run (vehicle and/or driver left |
| scene | 104 | 0 | No, did not leave scene |
| scene | 132 | * | MANNER OF LEAVING SCENE |
| scene | 159 | 0 | No, did not leave scene |
| school | 20 | 23 | School zone related sign |
| school | 24 | * | SCH BUS RELATED TO ACC |
| school | 25 | 120 | School bus related |
| school | 48 | 23 | School zone related sign |
| school | 108 | 24 | Van-based school bus (added in 1993) |
| school | 112 | 2 | Vehicle used as school bus |
| school | 158 | 24 | Van-based school bus |
| school | 169 | 23 | School zone related sign |
| school | 170 | 23 | School zone related sign |
| school | 171 | 23 | School zone related sign |
| school | 172 | 23 | School zone related sign |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| school | 336 | 23 | School zone related sign |
| school | 337 | 23 | School zone related sign |
| scout | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| scout | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| scrambler | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| scrambler | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| seat | 205 | 11 | Front seat - left side (driver's side) |
| seat | 206 | 6 | Child safety seat |
| seat | 227 | 11 | Front seat - left side (driver's side) |
| seating | 175 | 13 | Driver seating and control |
| seating | 176 | 13 | Driver seating and control |
| seating | 177 | 13 | Driver seating and control |
| seating | 178 | 13 | Driver seating and control |
| seating | 205 | * | OCC SEATING POSITION |
| seating | 227 | * | IMP OCC SEATING POSITION |
| section | 205 | 50 | Sleeper section of cab (truck) |
| section | 227 | 50 | Sleeper section of cab (truck) |
| sedan | 108 | 2 | 2-door sedan, hardtop, coupe |
| sedan | 158 | 2 | 2-door sedan, hardtop, coupe |
| see | 182 | 1 | Looked but did not see |
| see | 183 | 1 | Looked but did not see |
| see | 184 | 1 | Looked but did not see |
| separator | 14 | 10 | Separator |
| september | 2 | 9 | September |
| sequence | 72 | * | EVENT SEQUENCE NUMBER |
| set | 10 | 8 | Other noncollision (excludes objects set |
| set | 37 | 8 | Other noncollision (excludes objects set |
| set | 74 | 15 | Object Set in Motion |
| set | 75 | 108 | Other noncollision (excludes objects set |
| set | 125 | 15 | Object set in motion by this vehicle |
| set | 133 | 8 | Other noncollision (excludes objects set |
| set | 160 | 15 | Object Set in Motion |
| set | 168 | 8 | Other noncollision (excludes objects set |
| severe | 131 | 3 | Severe (disabling from 1988-2003) |
| severity | 26 | * | MAX INJ SEVERITY IN ACC |
| severity | 41 | * | IMP MAX INJ SEV. IN ACC |
| severity | 131 | * | DAMAGE SEVERITY |
| severity | 149 | * | MAX INJ SEVERITY IN VEH |
| severity | 163 | * | IMP MAX INJ SEV IN VEH |
| severity | 211 | * | OCC INJURY SEVERITY |
| severity | 226 | * | IMP OCC INJURY SEVERITY |
| severity | 311 | * | NMTR INJURY SEVERITY |
| severity | 326 | * | IMP NMTR INJURY SEVERITY |
| sex | 210 | * | OCCUPANT SEX |
| sex | 228 | * | IMPUTED OCCUPANT SEX |
| sex | 310 | * | NONMOTORIST SEX |
| sex | 328 | * | IMPUTED NONMOTORIST SEX |
| shaft | 175 | 5 | Power train - universal joint, drive sha |
| shaft | 176 | 5 | Power train - universal joint, drive sha |
| shaft | 177 | 5 | Power train - universal joint, drive sha |
| shaft | 178 | 5 | Power train - universal joint, drive sha |
| shock | 175 | 4 | Suspension-springs, shock absorbers, mac |
| shock | 176 | 4 | Suspension-springs, shock absorbers, mac |
| shock | 177 | 4 | Suspension-springs, shock absorbers, mac |
| shock | 178 | 4 | Suspension-springs, shock absorbers, mac |
| shoulder | 14 | 2 | On shoulder |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|-----|--|
| shoulder | 206 | 1 | Lap/shoulder belt |
| shrubbery | 10 | 44 | Shrubbery or bush |
| shrubbery | 37 | 44 | Shrubbery or bush |
| shrubbery | 75 | 144 | Shrubbery or bush |
| shrubbery | 133 | 44 | Shrubbery or bush |
| shrubbery | 168 | 44 | Shrubbery or bush |
| side | 25 | 21 | Cyclist right turn, from wrong side of s |
| side | 74 | 2 | Right side |
| side | 76 | 2 | Right side |
| side | 108 | 12 | Large limousine (more than four side doo |
| side | 125 | 2 | Right side |
| side | 126 | 2 | Right side |
| side | 127 | 2 | Right side |
| side | 128 | 2 | Right side |
| side | 129 | 2 | Right side |
| side | 130 | 2 | Right side |
| side | 136 | 10 | Over the lane line on left side of trave |
| side | 158 | 12 | Large limousine (more than four side doo |
| side | 160 | 2 | Right side |
| side | 205 | 11 | Front seat - left side (driver's side) |
| side | 227 | 11 | Front seat - left side (driver's side) |
| side | 331 | 10 | Driving on wrong side of road |
| side | 332 | 10 | Driving on wrong side of road |
| side | 333 | 10 | Driving on wrong side of road |
| side | 334 | 10 | Driving on wrong side of road |
| side | 335 | 10 | Driving on wrong side of road |
| sideswipe | 11 | 5 | Sideswipe, same direction |
| sideswipe | 40 | 5 | Sideswipe, same direction |
| sidewalk | 25 | 3 | Ride out from sidewalk |
| sierra | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| sierra | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| sign | 10 | 37 | Sign post, utility pole or other support |
| sign | 20 | 21 | Stop sign |
| sign | 25 | 5 | Ride out, stop sign |
| sign | 37 | 37 | Post, pole or support (sign post, utilit |
| sign | 48 | 21 | Stop sign |
| sign | 75 | 137 | Sign post, utility pole or other support |
| sign | 133 | 37 | Sign post, utility pole or other support |
| sign | 165 | 7 | Running a traffic signal or stop sign |
| sign | 168 | 37 | Post, pole or support (sign post, utilit |
| sign | 169 | 21 | Stop sign |
| sign | 170 | 21 | Stop sign |
| sign | 171 | 21 | Stop sign |
| sign | 172 | 21 | Stop sign |
| sign | 179 | 4 | Building, billboard, or other design fea |
| sign | 180 | 4 | Building, billboard, or other design fea |
| sign | 181 | 4 | Building, billboard, or other design fea |
| sign | 185 | 7 | Running a traffic signal or stop sign |
| sign | 186 | 7 | Running a traffic signal or stop sign |
| sign | 187 | 7 | Running a traffic signal or stop sign |
| sign | 188 | 7 | Running a traffic signal or stop sign |
| sign | 189 | 7 | Running a traffic signal or stop sign |
| sign | 331 | 8 | Failure to obey traffic signs, traffic c |
| sign | 332 | 8 | Failure to obey traffic signs, traffic c |
| sign | 333 | 8 | Failure to obey traffic signs, traffic c |
| sign | 334 | 8 | Failure to obey traffic signs, traffic c |
| sign | 335 | 8 | Failure to obey traffic signs, traffic c |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|----|--|
| sign | 336 | 21 | Stop sign |
| sign | 337 | 21 | Stop sign |
| signal | 20 | 1 | Traffic control signal (on colors) |
| signal | 48 | 1 | Traffic control signal (on colors) |
| signal | 165 | 7 | Running a traffic signal or stop sign |
| signal | 169 | 1 | Traffic control signal (on colors) |
| signal | 170 | 1 | Traffic control signal (on colors) |
| signal | 171 | 1 | Traffic control signal (on colors) |
| signal | 172 | 1 | Traffic control signal (on colors) |
| signal | 175 | 8 | Signal lights |
| signal | 176 | 8 | Signal lights |
| signal | 177 | 8 | Signal lights |
| signal | 178 | 8 | Signal lights |
| signal | 185 | 7 | Running a traffic signal or stop sign |
| signal | 186 | 7 | Running a traffic signal or stop sign |
| signal | 187 | 7 | Running a traffic signal or stop sign |
| signal | 188 | 7 | Running a traffic signal or stop sign |
| signal | 189 | 7 | Running a traffic signal or stop sign |
| signal | 336 | 1 | Traffic control signal (on colors) |
| signal | 337 | 1 | Traffic control signal (on colors) |
| silverado | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| silverado | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| single | 108 | 64 | Single unit straight truck |
| single | 158 | 64 | Single unit straight truck |
| sitting | 331 | 29 | Playing, working, sitting, lying, standi |
| sitting | 332 | 29 | Playing, working, sitting, lying, standi |
| sitting | 333 | 29 | Playing, working, sitting, lying, standi |
| sitting | 334 | 29 | Playing, working, sitting, lying, standi |
| sitting | 335 | 29 | Playing, working, sitting, lying, standi |
| skidding | 138 | 2 | Skidding longitudinally - rotation less |
| sleeper | 205 | 50 | Sleeper section of cab (truck) |
| sleeper | 227 | 50 | Sleeper section of cab (truck) |
| sleepy | 182 | 11 | Sleepy or fell asleep |
| sleepy | 183 | 11 | Sleepy or fell asleep |
| sleepy | 184 | 11 | Sleepy or fell asleep |
| sleepy | 229 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| sleepy | 230 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| sleepy | 231 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| sleepy | 329 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| sleepy | 330 | 2 | Drowsy, sleepy, fell asleep, fatigued |
| sleet | 23 | 3 | Sleet |
| sleet | 49 | 3 | Sleet |
| slide-in | 108 | 32 | Pickup with slide-in camper |
| slide-in | 158 | 32 | Pickup with slide-in camper |
| slush | 19 | 3 | Snow or slush |
| slush | 47 | 3 | Snow or slush |
| slush | 147 | 3 | Snow or slush |
| smart | 105 | 65 | Smart |
| smog | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| smog | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| smoke | 23 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| smoke | 49 | 8 | Other (smog, smoke, blowing sand/dust/sn |
| smoke | 179 | 1 | Rain, snow, smoke, sand, dust |
| smoke | 180 | 1 | Rain, snow, smoke, sand, dust |
| smoke | 181 | 1 | Rain, snow, smoke, sand, dust |
| smoking | 182 | 14 | Smoking related |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|----|--|
| smoking | 183 | 14 | Smoking related |
| smoking | 184 | 14 | Smoking related |
| snow | 19 | 3 | Snow or slush |
| snow | 23 | 4 | Snow |
| snow | 47 | 3 | Snow or slush |
| snow | 49 | 4 | Snow |
| snow | 147 | 3 | Snow or slush |
| snow | 179 | 1 | Rain, snow, smoke, sand, dust |
| snow | 180 | 1 | Rain, snow, smoke, sand, dust |
| snow | 181 | 1 | Rain, snow, smoke, sand, dust |
| snowmobile | 108 | 91 | Snowmobile |
| snowmobile | 158 | 91 | Snowmobile |
| soft | 123 | 23 | Tripped rollover - by soft soil |
| soil | 123 | 23 | Tripped rollover - by soft soil |
| space | 25 | 16 | Motorist overtaking, misjudges passing s |
| special | 112 | * | SPECIAL USE |
| specific | 206 | 8 | Restraint used - specifics unknown or ot |
| speed | 20 | 40 | Advisory speed sign |
| speed | 21 | * | SPEED LIMIT |
| speed | 46 | * | IMPUTED SPEED LIMIT |
| speed | 48 | 40 | Advisory speed sign |
| speed | 120 | * | TRAVEL SPEED |
| speed | 136 | 6 | Traveling too fast for conditions (exces |
| speed | 142 | * | SPEED RELATED |
| speed | 146 | * | SPEED LIMIT |
| speed | 169 | 40 | Advisory speed sign |
| speed | 170 | 40 | Advisory speed sign |
| speed | 171 | 40 | Advisory speed sign |
| speed | 172 | 40 | Advisory speed sign |
| speed | 336 | 40 | Advisory speed sign |
| speed | 337 | 40 | Advisory speed sign |
| speeding | 165 | 2 | Speeding |
| speeding | 185 | 3 | Speeding |
| speeding | 186 | 3 | Speeding |
| speeding | 187 | 3 | Speeding |
| speeding | 188 | 3 | Speeding |
| speeding | 189 | 3 | Speeding |
| splash | 179 | 8 | Splash or spray of passing vehicle |
| splash | 180 | 8 | Splash or spray of passing vehicle |
| splash | 181 | 8 | Splash or spray of passing vehicle |
| sportsman | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| sportsman | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| sportvan | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| sportvan | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| spray | 179 | 8 | Splash or spray of passing vehicle |
| spray | 180 | 8 | Splash or spray of passing vehicle |
| spray | 181 | 8 | Splash or spray of passing vehicle |
| stability | 138 | 9 | Pre-crash stability unknown |
| stake | 108 | 40 | Cab chassis-based (includes rescue vehic |
| stake | 158 | 40 | Cab chassis-based (includes rescue vehic |
| stalled | 136 | 2 | Stalled engine |
| standard | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| standard | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| standing | 331 | 29 | Playing, working, sitting, lying, standi |
| standing | 332 | 29 | Playing, working, sitting, lying, standi |
| standing | 333 | 29 | Playing, working, sitting, lying, standi |
| standing | 334 | 29 | Playing, working, sitting, lying, standi |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-----------|-----|----|--|
| standing | 335 | 29 | Playing, working, sitting, lying, standi |
| starting | 135 | 4 | Starting in traffic lane |
| starting | 161 | 4 | Starting in traffic lane |
| station | 25 | 29 | Parking lot, open area, or another nonro |
| station | 108 | 6 | Station wagon (excluding van and truck b |
| station | 158 | 6 | Station wagon (excluding van and truck b |
| statutory | 21 | 0 | No statutory limit (parking lot, alley, |
| statutory | 46 | 0 | No statutory limit (parking lot, alley, |
| statutory | 146 | 0 | No statutory limit (parking lot, alley, |
| stayed | 139 | 1 | Stayed in original travel lane |
| steady | 136 | 51 | Traveling in same direction with lower s |
| steep | 20 | 41 | Warning sign for road conditions (hill, |
| steep | 48 | 41 | Warning sign for road conditions (hill, |
| steep | 169 | 41 | Warning sign for road conditions (hill, |
| steep | 170 | 41 | Warning sign for road conditions (hill, |
| steep | 171 | 41 | Warning sign for road conditions (hill, |
| steep | 172 | 41 | Warning sign for road conditions (hill, |
| steep | 336 | 41 | Warning sign for road conditions (hill, |
| steep | 337 | 41 | Warning sign for road conditions (hill, |
| steered | 137 | 12 | Accelerated and steered to right |
| steering | 137 | 6 | Steering to left |
| steering | 175 | 3 | Steering system - tie rod, kingpin, ball |
| steering | 176 | 3 | Steering system - tie rod, kingpin, ball |
| steering | 177 | 3 | Steering system - tie rod, kingpin, ball |
| steering | 178 | 3 | Steering system - tie rod, kingpin, ball |
| step | 108 | 22 | Step van or walk-in van (<=4,536 kg GVWR |
| step | 158 | 22 | Step van or walk-in van (< 4,536 kg GVWR |
| sterling | 105 | 61 | Sterling |
| stopped | 120 | 0 | Stopped vehicle |
| stopped | 135 | 5 | Stopped in traffic lane |
| stopped | 136 | 50 | Other vehicle stopped |
| stopped | 161 | 5 | Stopped in traffic lane |
| straight | 17 | 1 | Straight |
| straight | 36 | 1 | Straight |
| straight | 108 | 64 | Single unit straight truck |
| straight | 135 | 1 | Going straight |
| straight | 136 | 66 | From crossing street, straight across pa |
| straight | 143 | 1 | Straight |
| straight | 158 | 64 | Single unit straight truck |
| straight | 161 | 1 | Going straight |
| stratum | 30 | * | STRATUM |
| stratum | 51 | * | PSU STRATUM |
| stratum | 78 | * | STRATUM |
| stratum | 154 | * | STRATUM |
| stratum | 219 | * | STRATUM |
| stratum | 319 | * | STRATUM |
| street | 25 | 21 | Cyclist right turn, from wrong side of s |
| street | 108 | 97 | Other type vehicle (includes go-cart, fo |
| street | 136 | 65 | From crossing street, turning into same |
| street | 158 | 97 | Other type vehicle (includes go-cart, fo |
| stretched | 108 | 12 | Large limousine (more than four side doo |
| stretched | 158 | 12 | Large limousine (more than four side doo |
| strike | 81 | 4 | Strike another in-transport motor vehicl |
| striking | 140 | 1 | Striking |
| striking | 166 | 1 | Striking |
| striking | 302 | * | VEH STRIKING NUMBER NMTR |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|--------------------|-----|-----|--|
| strip | 15 | 2 | Divided highway (median strip, barrier, |
| strip | 148 | 2 | Divided highway (median strip, barrier) |
| struck | 25 | 36 | Weird - the motorist or cyclist intentio |
| struck | 81 | 5 | Struck by an in-transport motor vehicle |
| struck | 140 | 2 | Struck |
| struck | 166 | 2 | Struck |
| structure | 10 | 34 | Bridge structure (bridge pier/abutment/p |
| structure | 37 | 34 | Bridge structure (pier/abutment/parapet |
| structure | 75 | 134 | Bridge structure (bridge pier/abutment/p |
| structure | 133 | 34 | Bridge structure (bridge pier/abutment/p |
| structure | 168 | 34 | Bridge structure (bridge pier/abutment/p |
| struts | 175 | 4 | Suspension-springs, shock absorbers, mac |
| struts | 176 | 4 | Suspension-springs, shock absorbers, mac |
| struts | 177 | 4 | Suspension-springs, shock absorbers, mac |
| struts | 178 | 4 | Suspension-springs, shock absorbers, mac |
| student | 108 | 50 | School bus type (designed to carry stude |
| student | 158 | 50 | School bus type (designed to carry stude |
| style | 108 | 39 | Unknown (pickup style) light conventiona |
| style | 158 | 39 | Unknown (pickup style) light conventiona |
| subaru | 105 | 48 | Subaru |
| suburban | 108 | 16 | Utility station wagon (Chevrolet Suburba |
| suburban | 158 | 16 | Utility station wagon (Chevrolet Suburba |
| successful | 135 | 17 | Successful corrective action/avoidance m |
| successful | 161 | 17 | Successful corrective action to a previo |
| sun | 108 | 1 | Convertible (excludes sun roof, t-bar) |
| sun | 158 | 1 | Convertible (excludes sun roof, t-bar) |
| sunday | 4 | 1 | Sunday |
| sunday | 50 | 1 | Sunday |
| sunlight | 179 | 2 | Reflected glare, bright sunlight, headli |
| sunlight | 180 | 2 | Reflected glare, bright sunlight, headli |
| sunlight | 181 | 2 | Reflected glare, bright sunlight, headli |
| support | 10 | 37 | Sign post, utility pole or other support |
| support | 37 | 37 | Post, pole or support (sign post, utilit |
| support | 75 | 137 | Sign post, utility pole or other support |
| support | 133 | 37 | Sign post, utility pole or other support |
| support | 168 | 37 | Post, pole or support (sign post, utilit |
| surface | 10 | 7 | Pavement surface irregularity (ruts, pot |
| surface | 19 | * | ROADWAY SURFACE COND |
| surface | 37 | 7 | Pavement surface irregularity (ruts, pot |
| surface | 47 | * | IMP ROADWAY SURFACE COND |
| surface | 75 | 107 | Pavement surface irregularity (ruts, pot |
| surface | 133 | 7 | Pavement surface irregularity (ruts, pot |
| surface | 147 | * | SURFACE CONDITION |
| surface | 168 | 7 | Pavement surface irregularity (ruts, pot |
| suspended | 165 | 5 | Driving with a suspended or revoked lice |
| suspended | 185 | 5 | Driving with a suspended or revoked lice |
| suspended | 186 | 5 | Driving with a suspended or revoked lice |
| suspended | 187 | 5 | Driving with a suspended or revoked lice |
| suspended | 188 | 5 | Driving with a suspended or revoked lice |
| suspended | 189 | 5 | Driving with a suspended or revoked lice |
| suspension-springs | 175 | 4 | Suspension-springs, shock absorbers, mac |
| suspension-springs | 176 | 4 | Suspension-springs, shock absorbers, mac |
| suspension-springs | 177 | 4 | Suspension-springs, shock absorbers, mac |
| suspension-springs | 178 | 4 | Suspension-springs, shock absorbers, mac |
| suzuki | 105 | 53 | Suzuki |
| swamp | 108 | 90 | ATV (all terrain vehicle including dune/ |
| swamp | 158 | 90 | ATV (all terrain vehicle including dune/ |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|-----|--|
| sweeper | 108 | 97 | Other type vehicle (includes go-cart, fo |
| sweeper | 158 | 97 | Other type vehicle (includes go-cart, fo |
| swings | 25 | 32 | Cyclist swings wide |
| switched | 207 | 0 | No air bag available (includes airbags t |
| system | 175 | 2 | Brake system |
| system | 176 | 2 | Brake system |
| system | 177 | 2 | Brake system |
| system | 178 | 2 | Brake system |
| system | 179 | 9 | Inadequate defrost or defog system |
| system | 180 | 9 | Inadequate defrost or defog system |
| system | 181 | 9 | Inadequate defrost or defog system |
| system | 206 | * | OCC RESTRAINT SYSTEM USE |
| t100 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| t100 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| taken | 212 | * | TAKEN TO HOSP/TREATMENT |
| taken | 312 | * | TAKEN TO HOSP/TREATMENT |
| talking | 182 | 5 | While talking or listening to cellular p |
| talking | 183 | 5 | While talking or listening to cellular p |
| talking | 184 | 5 | While talking or listening to cellular p |
| talking | 331 | 24 | Inattentive (talking, eating, etc.) |
| talking | 332 | 24 | Inattentive (talking, eating, etc.) |
| talking | 333 | 24 | Inattentive (talking, eating, etc.) |
| talking | 334 | 24 | Inattentive (talking, eating, etc.) |
| talking | 335 | 24 | Inattentive (talking, eating, etc.) |
| tank | 109 | 3 | Cargo tank |
| taxi | 112 | 1 | Taxi |
| t-bar | 108 | 1 | Convertible (excludes sun roof, t-bar) |
| t-bar | 158 | 1 | Convertible (excludes sun roof, t-bar) |
| terrain | 108 | 90 | ATV (all terrain vehicle including dune/ |
| terrain | 158 | 90 | ATV (all terrain vehicle including dune/ |
| territories | 152 | 0 | Not resident of U.S. or territories |
| test | 215 | * | ALCOHOL TEST GIVEN |
| test | 216 | * | DRUG TEST GIVEN |
| test | 315 | * | ALCOHOL TEST GIVEN |
| test | 316 | * | DRUG TEST GIVEN |
| thought | 182 | 97 | Inattentive or lost in thought |
| thought | 183 | 97 | Inattentive or lost in thought |
| thought | 184 | 97 | Inattentive or lost in thought |
| threat | 25 | 7 | Multiple threat |
| thrown | 10 | 10 | Thrown or falling object (excludes objec |
| thrown | 37 | 10 | Thrown or falling object (excludes objec |
| thrown | 75 | 110 | Thrown or falling object (excludes objec |
| thrown | 133 | 10 | Thrown or falling object (excludes objec |
| thrown | 168 | 10 | Thrown or falling object (excludes objec |
| thursday | 4 | 5 | Thursday |
| thursday | 50 | 5 | Thursday |
| tie | 175 | 3 | Steering system - tie rod, kingpin, ball |
| tie | 176 | 3 | Steering system - tie rod, kingpin, ball |
| tie | 177 | 3 | Steering system - tie rod, kingpin, ball |
| tie | 178 | 3 | Steering system - tie rod, kingpin, ball |
| time | 5 | * | ACCIDENT TIME - HOUR |
| time | 6 | * | ACCIDENT TIME - MINUTE |
| time | 38 | * | IMP ACCIDENT TIME - HOUR |
| time | 42 | * | IMP ACC TIME - MINUTE |
| tire | 136 | 1 | Blow out or flat tire |
| tire | 175 | 1 | Tires |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|----------|-----|-----|--|
| tire | 176 | 1 | Tires |
| tire | 177 | 1 | Tires |
| tire | 178 | 1 | Tires |
| too | 136 | 6 | Traveling too fast for conditions (exces |
| top | 74 | 5 | Top |
| top | 76 | 5 | Top |
| top | 125 | 5 | Top |
| top | 126 | 5 | Top |
| top | 127 | 5 | Top |
| top | 128 | 5 | Top |
| top | 129 | 5 | Top |
| top | 130 | 5 | Top |
| top | 160 | 5 | Top |
| totally | 208 | 1 | Totally ejected |
| totally | 225 | 1 | Totally ejected |
| tow | 108 | 40 | Cab chassis-based (includes rescue vehic |
| tow | 158 | 40 | Cab chassis-based (includes rescue vehic |
| towed | 30 | 1 | Group 1L - applies if an occupant of a t |
| towed | 78 | 1 | Group 1L - applies if an occupant of a t |
| towed | 131 | 1 | Minor (and not towed due to damage) |
| towed | 132 | 2 | Towed due to damage |
| towed | 154 | 1 | Group 1L - applies if an occupant of a t |
| towed | 219 | 1 | Group 1L - applies if an occupant of a t |
| towed | 319 | 1 | Group 1L - applies if an occupant of a t |
| town | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| town | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| toyota | 105 | 49 | Toyota |
| toyota | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| toyota | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| tracking | 138 | 1 | Tracking |
| traffic | 10 | 36 | Concrete traffic barrier or other longit |
| traffic | 20 | * | TRAFFIC CONTROL DEVICE |
| traffic | 25 | 18 | Cyclist left turn, in front of traffic |
| traffic | 37 | 36 | Concrete traffic barrier or other longit |
| traffic | 48 | * | IMP TRAFFIC CONTROL DEV |
| traffic | 75 | 136 | Concrete traffic barrier or other longit |
| traffic | 133 | 36 | Concrete traffic barrier or other longit |
| traffic | 135 | 2 | Decelerating in traffic lane |
| traffic | 161 | 2 | Decelerating in traffic lane |
| traffic | 165 | 7 | Running a traffic signal or stop sign |
| traffic | 168 | 36 | Concrete traffic barrier or other longit |
| traffic | 169 | * | TRAFFIC CONTRL DEVICE #1 |
| traffic | 170 | * | TRAFFIC CONTRL DEVICE #2 |
| traffic | 171 | * | TRAFFIC CONTRL DEVICE #3 |
| traffic | 172 | * | TRAFFIC CONTRL DEVICE #4 |
| traffic | 185 | 7 | Running a traffic signal or stop sign |
| traffic | 186 | 7 | Running a traffic signal or stop sign |
| traffic | 187 | 7 | Running a traffic signal or stop sign |
| traffic | 188 | 7 | Running a traffic signal or stop sign |
| traffic | 189 | 7 | Running a traffic signal or stop sign |
| traffic | 331 | 8 | Failure to obey traffic signs, traffic c |
| traffic | 332 | 8 | Failure to obey traffic signs, traffic c |
| traffic | 333 | 8 | Failure to obey traffic signs, traffic c |
| traffic | 334 | 8 | Failure to obey traffic signs, traffic c |
| traffic | 335 | 8 | Failure to obey traffic signs, traffic c |
| traffic | 336 | * | BICYCL TRAF CNTRL DEVC#1 |
| traffic | 337 | * | BICYCL TRAF CNTRL DEVC#2 |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|---------------|-----|-----|---|
| travel | 16 | * | NUMBER OF TRAVEL LANES |
| travel | 120 | * | TRAVEL SPEED |
| travel | 135 | 7 | Disabled or parked in travel lane |
| travel | 136 | 10 | Over the lane line on left side of travel |
| travel | 139 | 1 | Stayed in original travel lane |
| travel | 144 | * | NUMBER OF TRAVEL LANES |
| travel | 161 | 7 | Disabled or parked in travel lane |
| travelall | 108 | 16 | Utility station wagon (Chevrolet Suburban) |
| travelall | 158 | 16 | Utility station wagon (Chevrolet Suburban) |
| traveling | 136 | 6 | Traveling too fast for conditions (excess) |
| treatment | 212 | * | TAKEN TO HOSP/TREATMENT |
| treatment | 312 | * | TAKEN TO HOSP/TREATMENT |
| tree | 10 | 45 | Tree |
| tree | 37 | 45 | Tree |
| tree | 75 | 145 | Tree |
| tree | 133 | 45 | Tree |
| tree | 168 | 45 | Tree |
| tree | 179 | 5 | Trees, crops, vegetation |
| tree | 180 | 5 | Trees, crops, vegetation |
| tree | 181 | 5 | Trees, crops, vegetation |
| tricycle | 25 | 40 | Is the pedalcyclist riding a children's |
| tripped | 123 | 20 | Tripped rollover - by curb |
| triumph | 105 | 50 | Triumph |
| truck | 30 | 2 | Group 2 - applies if the NASS crash does |
| truck | 78 | 2 | Group 2 - applies if the NASS crash does |
| truck | 105 | 98 | Other (truck or bus) |
| truck | 108 | 6 | Station wagon (excluding van and truck based) |
| truck | 112 | 7 | Fire truck and car |
| truck | 154 | 2 | Group 2 - applies if the NASS crash does |
| truck | 158 | 6 | Station wagon (excluding van and truck based) |
| truck | 205 | 50 | Sleeper section of cab (truck) |
| truck | 219 | 2 | Group 2 - applies if the NASS crash does |
| truck | 227 | 50 | Sleeper section of cab (truck) |
| truck | 319 | 2 | Group 2 - applies if the NASS crash does |
| truck-based | 108 | 41 | Truck-based panel |
| truck-based | 158 | 41 | Truck-based panel |
| truck-tractor | 108 | 66 | Truck-tractor (cab only, or with any number) |
| truck-tractor | 158 | 66 | Truck-tractor (cab only, or with any number) |
| true | 25 | 98 | Parallel path 7 - No way of knowing which |
| tuesday | 4 | 3 | Tuesday |
| tuesday | 50 | 3 | Tuesday |
| turning | 135 | 10 | Turning right |
| turning | 136 | 15 | Turning left at intersection |
| turning | 161 | 10 | Turning right |
| unattended | 103 | 0 | Unattended vehicle (driverless, or no driver) |
| uncontrolled | 25 | 25 | Uncontrolled intersection, other |
| undercarriage | 74 | 6 | Undercarriage |
| undercarriage | 76 | 6 | Undercarriage |
| undercarriage | 125 | 6 | Undercarriage |
| undercarriage | 126 | 6 | Undercarriage |
| undercarriage | 127 | 6 | Undercarriage |
| undercarriage | 128 | 6 | Undercarriage |
| undercarriage | 129 | 6 | Undercarriage |
| undercarriage | 130 | 6 | Undercarriage |
| undercarriage | 160 | 6 | Undercarriage |
| undetected | 25 | 13 | Motorist overtakes undetected cyclist |
| unit | 108 | 64 | Single unit straight truck |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|-----|--|
| unit | 121 | 1 | No trailing units |
| unit | 158 | 64 | Single unit straight truck |
| unit | 205 | 52 | Trailing unit |
| unit | 227 | 52 | Trailing unit |
| universal | 175 | 5 | Power train - universal joint, drive sha |
| universal | 176 | 5 | Power train - universal joint, drive sha |
| universal | 177 | 5 | Power train - universal joint, drive sha |
| universal | 178 | 5 | Power train - universal joint, drive sha |
| untripped | 123 | 10 | Untripped rollover |
| utility | 10 | 37 | Sign post, utility pole or other support |
| utility | 37 | 37 | Post, pole or support (sign post, utilit |
| utility | 75 | 137 | Sign post, utility pole or other support |
| utility | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| utility | 133 | 37 | Sign post, utility pole or other support |
| utility | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| utility | 168 | 37 | Post, pole or support (sign post, utilit |
| u-turn | 135 | 12 | Making a U-turn |
| u-turn | 161 | 12 | Making a U-turn |
| v10-v35 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| v10-v35 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| van | 108 | 6 | Station wagon (excluding van and truck b |
| van | 109 | 2 | Van/enclosed box |
| van | 158 | 6 | Station wagon (excluding van and truck b |
| vanagon | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| vanagon | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| van-based | 108 | 23 | Van-based motorhome |
| van-based | 158 | 23 | Van-based motorhome |
| vandura | 108 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| vandura | 158 | 21 | Large van (Sportvan, Chevy Van, Club Wag |
| vegetation | 179 | 5 | Trees, crops, vegetation |
| vegetation | 180 | 5 | Trees, crops, vegetation |
| vegetation | 181 | 5 | Trees, crops, vegetation |
| vendor | 25 | 130 | Ice cream vendor |
| vin | 111 | * | VIN |
| violation | 25 | 760 | Intersection, driver violation |
| violation | 165 | * | IMP VIOLATIONS CHARGED |
| violation | 185 | * | DRVR VIOLATNS CHARGED #1 |
| violation | 186 | * | DRVR VIOLATNS CHARGED #2 |
| violation | 187 | * | DRVR VIOLATNS CHARGED #3 |
| violation | 188 | * | DRVR VIOLATNS CHARGED #4 |
| violation | 189 | * | DRVR VIOLATNS CHARGED #5 |
| vision | 179 | * | VISION OBSCURED BY #1 |
| vision | 180 | * | VISION OBSCURED BY #2 |
| vision | 181 | * | VISION OBSCURED BY #3 |
| vista | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| vista | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| volkswagen | 105 | 30 | Volkswagen |
| volvo | 105 | 51 | Volvo |
| voyager | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |
| voyager | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| vt | 32 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| vt | 80 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| vt | 156 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| vt | 221 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, M |
| vt | 321 | + | Northeast (PA, NJ, NY, NH, VT, RI, MA, |
| vw | 108 | 20 | Minivan (Chrysler Town & Country, Astro, |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|------------|-----|------|--|
| vw | 158 | 20 | Minivan (Chrysler Town & Country, Astro, |
| w100-w350 | 108 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| w100-w350 | 158 | 31 | Large/standard pickup (Jeep Pickup, Coma |
| wagon | 108 | 6 | Station wagon (excluding van and truck b |
| wagon | 158 | 6 | Station wagon (excluding van and truck b |
| wagoneer | 108 | 16 | Utility station wagon (Chevrolet Suburba |
| wagoneer | 158 | 16 | Utility station wagon (Chevrolet Suburba |
| waiting | 25 | 610 | Pedestrian waiting to cross at/near curb |
| walk-in | 108 | 22 | Step van or walk-in van (<=4,536 kg GVWR |
| walk-in | 158 | 22 | Step van or walk-in van (< 4,536 kg GVWR |
| walking | 25 | 310 | Walking to or from disabled vehicle |
| walking | 331 | 27 | Walking with traffic |
| walking | 332 | 27 | Walking with traffic |
| walking | 333 | 27 | Walking with traffic |
| walking | 334 | 27 | Walking with traffic |
| walking | 335 | 27 | Walking with traffic |
| walks | 25 | 750 | Pedestrian walks into vehicle - at inter |
| wall | 10 | 42 | Wall |
| wall | 37 | 42 | Wall |
| wall | 75 | 142 | Wall |
| wall | 133 | 42 | Wall |
| wall | 168 | 42 | Wall |
| warning | 20 | 41 | Warning sign for road conditions (hill, |
| warning | 48 | 41 | Warning sign for road conditions (hill, |
| warning | 169 | 41 | Warning sign for road conditions (hill, |
| warning | 170 | 41 | Warning sign for road conditions (hill, |
| warning | 171 | 41 | Warning sign for road conditions (hill, |
| warning | 172 | 41 | Warning sign for road conditions (hill, |
| warning | 336 | 41 | Warning sign for road conditions (hill, |
| warning | 337 | 41 | Warning sign for road conditions (hill, |
| wednesday | 4 | 4 | Wednesday |
| wednesday | 50 | 4 | Wednesday |
| week | 4 | * | ACCIDENT DAY OF WEEK |
| week | 50 | * | IMP ACCIDENT DAY OF WEEK |
| weight | 33 | * | WEIGHT |
| weight | 82 | * | WEIGHT |
| weight | 108 | 66 | Truck-tractor (cab only, or with any num |
| weight | 157 | * | WEIGHT |
| weight | 158 | 66 | Truck-tractor (cab only, or with any num |
| weight | 222 | * | WEIGHT |
| weight | 322 | * | WEIGHT |
| weird | 25 | 36 | Weird - the motorist or cyclist intentio |
| wet | 19 | 2 | Wet |
| wet | 47 | 2 | Wet |
| wet | 147 | 2 | Wet |
| wheel | 25 | 40 | Is the pedalcyclist riding a children's |
| wheel | 136 | 3 | Disabling vehicle failure (e.g. wheel fe |
| wheel | 175 | 11 | Wheels |
| wheel | 176 | 11 | Wheels |
| wheel | 177 | 11 | Wheels |
| wheel | 178 | 11 | Wheels |
| wheelchair | 25 | 1220 | Wheelchair: Backing vehicle |
| wheelchair | 158 | 97 | Other type vehicle (includes go-cart, fo |
| wheelchair | 229 | 4 | Paraplegic or restricted to wheelchair |
| wheelchair | 230 | 4 | Paraplegic or restricted to wheelchair |
| wheelchair | 231 | 4 | Paraplegic or restricted to wheelchair |
| wheelchair | 329 | 4 | Paraplegic or restricted to wheelchair |

GES 2008 Index (continued)

| Item | Var | CV | Variable Name or Code Value |
|-------------|-----|-----|--|
| wheelchair | 330 | 4 | Paraplegic or restricted to wheelchair |
| wheelchairs | 10 | 27 | Other type nonmotorist (includes motoriz |
| wheelchairs | 37 | 27 | Other type nonmotorist (includes motoriz |
| wheelchairs | 133 | 27 | Other type nonmotorist (includes motoriz |
| wheelchairs | 168 | 27 | Other type nonmotorist (includes motoriz |
| wheeled | 108 | 13 | Three wheeled automobile or automobile d |
| wheeled | 158 | 13 | Three wheeled automobile or automobile d |
| white | 105 | 82 | Freightliner, White |
| wide | 25 | 32 | Cyclist swings wide |
| wind | 20 | 43 | Warning sign for environment/traffic (fo |
| wind | 48 | 43 | Warning sign for environment/traffic (fo |
| wind | 169 | 43 | Warning sign for environment/traffic (fo |
| wind | 170 | 43 | Warning sign for environment/traffic (fo |
| wind | 171 | 43 | Warning sign for environment/traffic (fo |
| wind | 172 | 43 | Warning sign for environment/traffic (fo |
| wind | 336 | 43 | Warning sign for environment/traffic (fo |
| wind | 337 | 43 | Warning sign for environment/traffic (fo |
| windshield | 179 | 14 | Broken or improperly cleaned windshield |
| windshield | 180 | 14 | Broken or improperly cleaned windshield |
| windshield | 181 | 14 | Broken or improperly cleaned windshield |
| wiper | 175 | 10 | Wipers |
| wiper | 176 | 10 | Wipers |
| wiper | 177 | 10 | Wipers |
| wiper | 178 | 10 | Wipers |
| work | 34 | * | WORK ZONE |
| working | 25 | 410 | Working on roadway |
| working | 53 | 0 | No parked/Working vehicles |
| working | 304 | 7 | Person in or on a working vehicle |
| working | 331 | 29 | Playing, working, sitting, lying, standi |
| working | 332 | 29 | Playing, working, sitting, lying, standi |
| working | 333 | 29 | Playing, working, sitting, lying, standi |
| working | 334 | 29 | Playing, working, sitting, lying, standi |
| working | 335 | 29 | Playing, working, sitting, lying, standi |
| wrangler | 108 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| wrangler | 158 | 14 | Compact utility (Jeep CJ2-CJ7, Scrambler |
| wrong | 25 | 21 | Cyclist right turn, from wrong side of s |
| wrong | 331 | 10 | Driving on wrong side of road |
| wrong | 332 | 10 | Driving on wrong side of road |
| wrong | 333 | 10 | Driving on wrong side of road |
| wrong | 334 | 10 | Driving on wrong side of road |
| wrong | 335 | 10 | Driving on wrong side of road |
| yamaha | 105 | 76 | Yamaha |
| year | 3 | * | ACCIDENT DATE - YEAR |
| year | 107 | * | MODEL YEAR |
| year | 162 | * | IMPUTED MODEL YEAR |
| year | 209 | 0 | Less than one year old |
| year | 223 | 0 | Less than one year old |
| year | 309 | 0 | Less than one year old |
| year | 323 | 0 | Less than one year old |
| yield | 20 | 22 | Yield sign |
| yield | 48 | 22 | Yield sign |
| yield | 165 | 6 | Failure to yield right of way |
| yield | 169 | 22 | Yield sign |
| yield | 170 | 22 | Yield sign |
| yield | 171 | 22 | Yield sign |
| yield | 172 | 22 | Yield sign |

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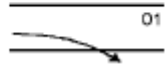
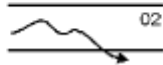
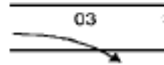
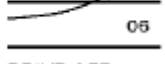
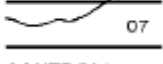
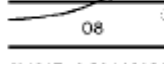
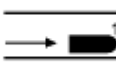
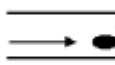
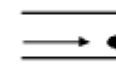
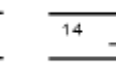
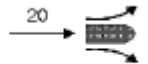
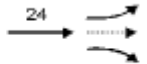
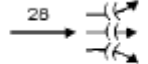

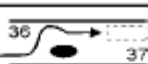

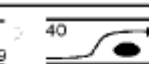
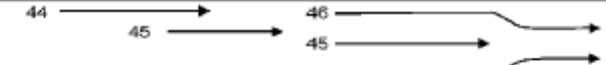
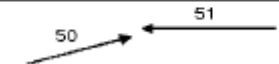
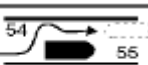
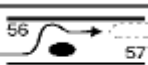

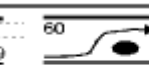
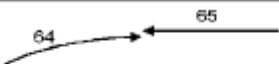
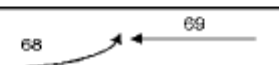
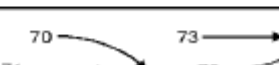
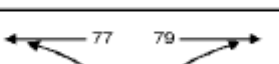
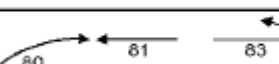
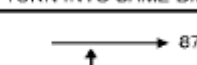
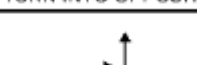
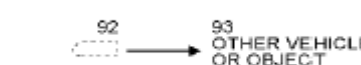
| Item | Var | CV | Variable Name or Code Value |
|--------|-----|----|--|
| yield | 185 | 6 | Failure to yield right-of-way |
| yield | 186 | 6 | Failure to yield right-of-way |
| yield | 187 | 6 | Failure to yield right-of-way |
| yield | 188 | 6 | Failure to yield right-of-way |
| yield | 189 | 6 | Failure to yield right-of-way |
| yield | 331 | 7 | Failure to yield right of way |
| yield | 332 | 7 | Failure to yield right of way |
| yield | 333 | 7 | Failure to yield right of way |
| yield | 334 | 7 | Failure to yield right of way |
| yield | 335 | 7 | Failure to yield right of way |
| yield | 336 | 22 | Yield sign |
| yield | 337 | 22 | Yield sign |
| yugo | 105 | 57 | Yugo |
| yukon | 108 | 15 | Large utility (Jeep Cherokee 83 and befo |
| yukon | 158 | 15 | Large utility (Jeep Cherokee 83 and befo |
| zip | 152 | * | DRIVERS ZIP CODE |
| zone | 20 | 23 | School zone related sign |
| zone | 34 | * | WORK ZONE |
| zone | 48 | 23 | School zone related sign |
| zone | 169 | 23 | School zone related sign |
| zone | 170 | 23 | School zone related sign |
| zone | 171 | 23 | School zone related sign |
| zone | 172 | 23 | School zone related sign |
| zone | 331 | 8 | Failure to obey traffic signs, traffic c |
| zone | 332 | 8 | Failure to obey traffic signs, traffic c |
| zone | 333 | 8 | Failure to obey traffic signs, traffic c |
| zone | 334 | 8 | Failure to obey traffic signs, traffic c |
| zone | 335 | 8 | Failure to obey traffic signs, traffic c |
| zone | 336 | 23 | School zone related sign |
| zone | 337 | 23 | School zone related sign |
| 2-door | 108 | 2 | 2-door sedan, hardtop, coupe |
| 2-door | 158 | 2 | 2-door sedan, hardtop, coupe |
| 2-way | 15 | 0 | Not physically divided (center 2-way lef |
| 3-door | 108 | 3 | 3-door/2-door hatchback |
| 3-door | 158 | 3 | 3-door/2-door hatchback |
| 4-door | 108 | 4 | 4-door sedan, hardtop |
| 4-door | 158 | 4 | 4-door sedan, hardtop |
| 5-door | 108 | 5 | 5-door/4-door hatchback |
| 5-door | 158 | 5 | 5-door/4-door hatchback |

GES

APPENDIX

Code Values for Variable 141

"Accident Type"

| Category | Configuration | ACCIDENT TYPES (Includes Intent) | | | | | |
|---|-----------------------------|--|---|---|--|----------------------------------|----------------------------------|
| I. Single Driver | A. Right Roadside Departure |  01 DRIVE OFF ROAD |  02 CONTROL/TRACTION LOSS |  03 AVOID COLLISION WITH VEH., PED., ANIM. | 04 SPECIFICS OTHER | 05 SPECIFICS UNKNOWN | |
| | B. Left Roadside Departure |  06 DRIVE OFF ROAD |  07 CONTROL/TRACTION LOSS |  08 AVOID COLLISION WITH VEH., PED., ANIM. | 09 SPECIFICS OTHER | 10 SPECIFICS UNKNOWN | |
| | C. Forward Impact |  11 PARKED VEHICLE |  12 STATIONARY OBJECT |  13 PEDESTRIAN/ANIMAL |  14 END DEPARTURE | 15 SPECIFICS OTHER | 16 SPECIFICS UNKNOWN |
| II. Same Trafficway Same Direction | D. Rear-End |  20 STOPPED 21, 22, 23 |  24 SLOWER 25, 26, 27 |  28 DECELERATING 29, 30, 31 | (EACH - 32) SPECIFICS OTHER | (EACH - 33) SPECIFICS UNKNOWN | |
| | E. Forward Impact |  34 CONTROL/TRACTION LOSS |  36 CONTROL/TRACTION LOSS |  38 AVOID COLLISION WITH VEHICLE |  40 AVOID COLLISION WITH OBJECT | (EACH - 42) SPECIFICS OTHER | (EACH - 43) SPECIFICS UNKNOWN |
| | F. Sideswipe Angle |  44 45 46 47 | (EACH - 48) SPECIFICS OTHER | (EACH - 49) SPECIFICS UNKNOWN | | | |
| III. Same Trafficway Opposite Direction | G. Head-On |  50 51 LATERAL MOVE | (EACH - 52) SPECIFICS OTHER | (EACH - 53) SPECIFICS UNKNOWN | | | |
| | H. Forward Impact |  54 CONTROL/TRACTION LOSS |  56 CONTROL/TRACTION LOSS |  58 AVOID COLLISION WITH VEHICLE |  60 AVOID COLLISION WITH OBJECT | (EACH - 62) SPECIFICS OTHER | (EACH - 63) SPECIFICS UNKNOWN |
| | I. Sideswipe/Angle |  64 65 LATERAL MOVE | (EACH - 66) SPECIFICS OTHER | (EACH - 67) SPECIFICS UNKNOWN | | | |
| IV. Change Trafficway Vehicle Turning | J. Turn Across Path |  68 69 INITIAL OPPOSITE DIRECTIONS |  70 71 72 INITIAL SAME DIRECTION | (EACH - 74) SPECIFICS OTHER | (EACH - 75) SPECIFICS UNKNOWN | | |
| | K. Turn Into Path |  77 78 79 TURN INTO SAME DIRECTION |  80 81 82 83 TURN INTO OPPOSITE DIRECTIONS | (EACH - 84) SPECIFICS OTHER | (EACH - 85) SPECIFICS UNKNOWN | | |
| V. Intersecting Paths (Vehicle Damage) | L. Straight Paths |  86 87 |  88 89 | (EACH - 90) SPECIFICS OTHER | (EACH - 91) SPECIFICS UNKNOWN | | |
| VI. Miscellaneous Etc. | M. Backing Etc. |  92 93 BACKING VEHICLE OTHER VEHICLE OR OBJECT | 98 OTHER ACCIDENT TYPE 99 UNKNOWN ACCIDENT TYPE 00 NO IMPACT | | | | |

