

**Center for National  
Truck and Bus Statistics**

**BUSES INVOLVED  
IN FATAL ACCIDENTS  
CODEBOOK 2002**

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Daniel Hershberger  
Daniel Blower  
John Woodrooffe

February 2005

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**UMTRI**

The University of Michigan  
Transportation Research Institute

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(Version February 16, 2005)

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| 16. Abstract<br><br><p>This report provides one-way frequencies for all vehicles in UMTRI's file of Buses Involved in Fatal Accidents (BIFA), 2002. The 2002 BIFA file is a census of all buses involved in a fatal accident in the United States. The BIFA database provides coverage of buses recorded in the Fatality Analysis Reporting System (FARS) file. BIFA combines vehicle, accident, and occupant records from FARS with information about the physical configuration and operating authority of the bus from the BIFA survey.</p> |  |   |  |  |           |
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The BIFA survey is conducted by the Center for National Truck and Bus Statistics at the University of Michigan Transportation Research Institute with support from the Affiliates Program for the CNTBS. The preparation of the data file and codebook was supported by the Federal Motor Carrier Safety Administration.



## INTRODUCTION

### Overview

This report documents the February 16, 2005 version of the Buses Involved in Fatal Accidents, 2002, dataset. The report summarizes all the information in the computerized data file. That file contains records for all the buses that were involved in a fatal accident in all 50 U.S. states during calendar year 2002. A bus is defined as a vehicle designed to carry at least nine people, including the driver, that is not used for personal transportation. All the vehicles included in the BIFA file are from Version 21Oct03, 2003, of the Fatality Analysis Reporting System (FARS) file for 2002 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

The Center for National Truck and Bus Statistics (CNTBS) at the University of Michigan's Transportation Research Institute (UMTRI) has compiled the TIFA (Trucks Involved in Fatal Accidents) file each year since 1980. Patterned after this file, the BIFA database combines CNTBS survey data with FARS variables to provide complete national coverage and an enhanced description of all buses involved in fatal traffic accidents in the United States. The purpose of the BIFA file is to provide accurate and complete information on the fatal accident experience of buses nationwide to support the evaluation of bus traffic safety issues.

The 2002 BIFA file is a census file, including each of the 298 buses involved in a fatal traffic accident in 2002. This codebook presents the code levels and frequency distributions for each variable in the BIFA file.

Missing data rates for BIFA survey variables vary. The range of missing data values is illustrated by the following examples. Bus type (variable 1180) could not be determined for twenty-one (7.0%) of the 298 cases. Hours driving (variable 1510) is unknown for 103 (34.6%) cases. Gross vehicle weight rating (variable 1240) could not be determined with certainty for 53 (17.8%) cases. This variable is most often obtained by decoding the Vehicle Identification Number (VIN). In some cases, GVWR information was furnished by primary respondents and, if plausible, accepted. In other cases, a GVWR determination could be made based on familiarity with vehicle type. Cases for which the GVWR variable could not be decoded or determined with certainty were coded as unknown.

The dataset includes virtually all the variables from the public version of the FARS file: the accident variables, the vehicle variables (for the bus), and the occupant variables (for the driver



of the bus). All records in the BIFA file are at the vehicle level; that is, there is one record for each bus involved.

In addition to the variables from FARS (variables 1 through 363), there is a set of variables (numbers 1110 through 1870) that contains the information from the BIFA survey form. The bulk of this information is produced by telephone interviews with the driver, owner, or some other involved party. Some of this information is transcribed from police reports collected from the states.

In total, 50 police reports involving fatal bus crashes in 2002 were unavailable. For all of these cases, an attempt was made to match the FARS case to the Motor Carrier Management Information System (MCMIS) case using date, time, and vehicle information. The MCMIS file usually contains contact information for both owner and investigating officer. These data were used to obtain information when possible. Only those cases where the match was certain were pursued.

While the FARS file includes much information on the accident environment and events, the information on the vehicles involved, particularly buses, is limited. The BIFA survey supplements the FARS file with a detailed description of each bus and its operator. The BIFA survey collects information about the physical configuration of the bus, the type of organization operating the bus, and the type of application the bus was used for. In addition, the BIFA survey determines the seating capacity of the bus; its weight, length, and width; the number of passengers at the time of the crash; and several other details of the operations of the bus. (The BIFA survey instrument may be found in the appendix of this codebook.) The combination of the FARS accident-level variables with the physical description of the bus from the BIFA survey provides the most detailed account of buses involved in fatal accidents available.

#### Sources of Information

The first step in the acquisition of the data to supplement FARS is to obtain, from the states, copies of the police reports on all fatal accidents involving at least one bus. While the formats of these reports vary considerably from state to state, they all include the identities of the owner and the driver of the vehicles involved (though some states remove this information) and a description, sometimes very brief, of what occurred. These police reports are used to identify the appropriate respondent to contact and to check responses for accuracy. As mentioned earlier, fifty police reports were unavailable.

Information is collected primarily by telephone interviews. The person or company contacted is, when possible, the owner of the vehicle as listed in the police report. If no contact can be made with the owner, an attempt is made to reach the driver. If neither the owner nor the driver can be reached, as much information as possible is collected from other parties, such as the police officer

who investigated the accident or the tow truck operator if the vehicle was towed from the scene. Finally, if no knowledgeable respondent can be found, as much information as possible is coded from the police report. For these cases, variable 1830, which documents whether an interview was conducted, is coded "no," and variable 1840, police report, is coded "yes."

CNTBS survey staff are specially trained to collect the BIFA data. The training includes information on the types and uses of different buses, methods for locating knowledgeable respondents, and the different terms used in different industry segments and areas. Unlike many phone surveys in which questions are read from a script, the BIFA interview depends in large part on the knowledge of the CNTBS researchers. The extensive training about buses enables them to probe intelligently and effectively for the required information.

An experienced editor reviews each BIFA case. The editor decodes the VINs and reviews the bus description obtained in the interview for consistency and accuracy. The editor compares the description of each bus obtained by the survey with manufacturers' specifications and other materials. These materials include chassis and body specifications for many bus makes and models, as well as typical passenger seating configurations for different bus types and applications.

All modifications to survey responses are indicated in variables 1861 through 1870. Imputations made by the editor to fill in missing data elements are also indicated there. The numbers coded in these variables are the question numbers on the interview form. For example, a "16" in variable 1862 indicates that the second item corrected or derived for that particular case was the response to question 16 on the interview form. There is no particular pattern to the order in which such modifications are indicated. Derivations were made when the editor was able to deduce a piece of information to fill in something missing on the interview form. For example, an empty weight might have been estimated for the bus by decoding the VIN to identify the model, consulting the manufacturer's specifications for the cab and chassis weight, and then adding the appropriate amount for the body.

#### Number of Cases

Version 21Oct03 of the 2002 FARS file lists 302 vehicles involved in fatal accidents in the United States, that were identified as possible buses. However, some of the selected vehicles were subsequently found to be non-passenger carrying vehicles. These included motor home conversions, cargo vehicle conversions, station wagons, etc. Altogether nine cases were determined to be something other than a bus. In addition, five cases were identified during the TIFA interviewing process that proved to be buses, not trucks. These cases were not identified as buses in any FARS variable, but were only discovered because the CNTBS also surveys trucks involved in fatal accidents. Adding these five cases to the 302 cases identified

in FARS yields 307 vehicles. Subtracting the nine vehicles incorrectly identified in FARS as a bus leaves 298, which is the number of buses involved in fatal traffic accidents in 2002.

#### Obtaining Information from the Dataset

This report provides counts and distributions of the code values for each variable in the BIFA file. These tabulations are useful for understanding the variables available in the file, the completeness of the data, and the number of cases with any specific code value.

Many research questions require more detailed cross-classification of the data. The staff of the Center for National Truck and Bus Statistics at UMTRI is pleased to make appropriate runs for outside users. Requests for consultation on and analysis of the data are welcome and may be addressed to Daniel Blower at (734) 764-0248. The file has also been provided to the FMCSA. Finally, while every effort has been made to check the accuracy of the data, the file may contain errors not yet detected.

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

| Variable<br>Number | Variable<br>Name          | Width | Storage<br>Type | Page<br>Number |
|--------------------|---------------------------|-------|-----------------|----------------|
| 1                  | CASE STATE                | 2     | Numeric         | 15             |
| 2                  | CASE NUMBER               | 4     | Numeric         | 16             |
| 7                  | CITY                      | 4     | Numeric         | 16             |
| 8                  | COUNTY                    | 3     | Numeric         | 16             |
| 9                  | ACCIDENT DATE - MONTH     | 2     | Numeric         | 17             |
| 10                 | ACCIDENT DATE - DAY       | 2     | Numeric         | 17             |
| 11                 | ACCIDENT DATE - YEAR      | 4     | Numeric         | 17             |
| 12                 | ACCIDENT TIME - HOUR      | 2     | Numeric         | 17             |
| 13                 | ACCIDENT TIME - MINUTE    | 2     | Numeric         | 18             |
| 14                 | NUMBER OF VEHICLE FORMS   | 2     | Numeric         | 18             |
| 15                 | NUMBER OF PERSON FORMS    | 2     | Numeric         | 19             |
| 16                 | LAND USE                  | 1     | Numeric         | 20             |
| 17                 | NATIONAL HIGHWAY SYSTEM   | 1     | Numeric         | 20             |
| 18                 | ROADWAY FUNCTION CLASS    | 2     | Numeric         | 20             |
| 19                 | ROUTE SIGNING             | 1     | Numeric         | 21             |
| 20                 | TRAFFICWAY IDENTIFIER     | 20    | Alphabetic      | 21             |
| 21                 | MILEPOINT                 | 5     | Numeric         | 21             |
| 22                 | SPECIAL JURISDICTION      | 1     | Numeric         | 21             |
| 23                 | FIRST HARMFUL EVENT       | 2     | Numeric         | 22             |
| 24                 | MANNER OF COLLISION       | 2     | Numeric         | 24             |
| 25                 | RELATION TO JUNCTION      | 2     | Numeric         | 24             |
| 26                 | RELATION TO ROADWAY       | 2     | Numeric         | 25             |
| 27                 | TRAFFICWAY FLOW           | 1     | Numeric         | 26             |
| 28                 | NUMBER OF TRAVEL LANES    | 1     | Numeric         | 26             |
| 29                 | SPEED LIMIT               | 2     | Numeric         | 26             |
| 30                 | ROADWAY ALIGNMENT         | 1     | Numeric         | 27             |
| 31                 | ROADWAY PROFILE           | 1     | Numeric         | 27             |
| 32                 | ROADWAY SURFACE TYPE      | 1     | Numeric         | 28             |
| 33                 | ROADWAY SURFACE CONDITION | 1     | Numeric         | 28             |
| 34                 | TRAFFIC CONTROL DEVICE    | 2     | Numeric         | 28             |
| 35                 | TRAFFIC CONT FUNCTIONING  | 1     | Numeric         | 30             |
| 36                 | HIT AND RUN               | 1     | Numeric         | 30             |
| 37                 | LIGHT CONDITION           | 1     | Numeric         | 30             |
| 38                 | ATMOSPHERIC CONDITIONS    | 1     | Numeric         | 30             |
| 39                 | CONSTRUCTION/MAINT ZONE   | 1     | Numeric         | 31             |
| 40                 | EMS NOTIFIED - HOUR       | 2     | Numeric         | 31             |
| 41                 | EMS NOTIFIED - MINUTE     | 2     | Numeric         | 31             |
| 42                 | EMS ARRIVAL - HOUR        | 2     | Numeric         | 32             |
| 43                 | EMS ARRIVAL - MINUTE      | 2     | Numeric         | 32             |
| 46                 | SCHOOL BUS RELATED        | 1     | Numeric         | 32             |
| 48                 | RAIL GRADE CROSSING ID    | 7     | Alphabetic      | 32             |
| 49                 | NUMBER FATALITIES IN ACC  | 2     | Numeric         | 33             |
| 50                 | DAY OF WEEK               | 1     | Numeric         | 33             |
| 51                 | NUMBER DRINKING DRIVERS   | 1     | Numeric         | 33             |
| 52                 | ACCIDENT DATE - JULIAN    | 5     | Numeric         | 33             |
| 53                 | NUMBER UNINJURED IN ACC   | 2     | Numeric         | 34             |
| 54                 | NUMBER C-INJURED IN ACC   | 2     | Numeric         | 34             |
| 55                 | NUMBER B-INJURED IN ACC   | 2     | Numeric         | 34             |
| 56                 | NUMBER A-INJURED IN ACC   | 2     | Numeric         | 35             |
| 57                 | NUMBER K-INJURED IN ACC   | 2     | Numeric         | 35             |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

| <u>Variable<br/>Number</u> | <u>Variable<br/>Name</u> | <u>Width</u> | <u>Storage<br/>Type</u> | <u>Page<br/>Number</u> |
|----------------------------|--------------------------|--------------|-------------------------|------------------------|
| 58                         | NUM UNK INJURED IN ACC   | 2            | Numeric                 | 36                     |
| 59                         | ACC RELATED FACTORS #1   | 2            | Numeric                 | 36                     |
| 60                         | ACC RELATED FACTORS #2   | 2            | Numeric                 | 37                     |
| 61                         | ACC RELATED FACTORS #3   | 2            | Numeric                 | 37                     |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

| Variable<br>Number | Variable<br>Name         | Width | Storage<br>Type | Page<br>Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 104                | VEHICLE NUMBER           | 2     | Numeric         | 39             |
| 107                | NUMBER OF OCCUPANTS      | 2     | Numeric         | 39             |
| 108                | VEHICLE MAKE             | 2     | Numeric         | 40             |
| 109                | VEHICLE MAKE-MODEL       | 5     | Numeric         | 40             |
| 110                | BODY TYPE                | 2     | Numeric         | 41             |
| 111                | MODEL YEAR               | 4     | Numeric         | 41             |
| 112                | VIN                      | 12    | Alphabetic      | 42             |
| 123                | REGISTRATION STATE       | 2     | Numeric         | 42             |
| 124                | REGISTERED VEHICLE OWNER | 1     | Numeric         | 43             |
| 125                | ROLLOVER                 | 1     | Numeric         | 44             |
| 126                | JACKKNIFE                | 1     | Numeric         | 44             |
| 127                | TRAVEL SPEED             | 2     | Numeric         | 44             |
| 128                | HAZARDOUS CARGO          | 1     | Numeric         | 45             |
| 129                | VEHICLE TRAILERING       | 1     | Numeric         | 45             |
| 130                | VEHICLE CONFIGURATION    | 2     | Numeric         | 45             |
| 131                | NUMBER OF AXLES          | 2     | Numeric         | 46             |
| 132                | CARGO BODY TYPE          | 2     | Numeric         | 46             |
| 133                | SPECIAL USE              | 1     | Numeric         | 46             |
| 134                | EMERGENCY USE            | 1     | Numeric         | 47             |
| 135                | IMPACT POINT - INITIAL   | 2     | Numeric         | 47             |
| 136                | IMPACT POINT - PRINCIPAL | 2     | Numeric         | 47             |
| 137                | EXTENT OF DEFORMATION    | 1     | Numeric         | 48             |
| 138                | VEHICLE ROLE             | 1     | Numeric         | 48             |
| 139                | MANNER OF LEAVING SCENE  | 1     | Numeric         | 48             |
| 140                | FIRE OCCURRENCE          | 1     | Numeric         | 48             |
| 142                | VEHICLE MANEUVER         | 2     | Numeric         | 49             |
| 143                | CRASH AVOIDANCE MANUEVER | 1     | Numeric         | 49             |
| 144                | MOST HARMFUL EVENT       | 2     | Numeric         | 49             |
| 145                | NUMBER OF DEATHS IN VEH  | 2     | Numeric         | 52             |
| 151                | VIN TRUCK FUEL CODE      | 1     | Numeric         | 52             |
| 152                | VIN TRUCK WEIGHT CODE    | 1     | Numeric         | 52             |
| 153                | VIN TRUCK SERIES         | 3     | Alphabetic      | 52             |
| 155                | LENGTH OF VIN            | 2     | Numeric         | 53             |
| 156                | NUMBER UNINJURED IN VEH  | 2     | Numeric         | 53             |
| 157                | NUMBER C-INJURED IN VEH  | 2     | Numeric         | 53             |
| 158                | NUMBER B-INJURED IN VEH  | 2     | Numeric         | 54             |
| 159                | NUMBER A-INJURED IN VEH  | 2     | Numeric         | 54             |
| 160                | NUMBER K-INJURED IN VEH  | 2     | Numeric         | 54             |
| 161                | NUM UNK INJURED IN VEH   | 2     | Numeric         | 55             |
| 162                | VEH RELATED FACTORS #1   | 2     | Numeric         | 55             |
| 163                | VEH RELATED FACTORS #2   | 2     | Numeric         | 56             |
| 164                | UNDERRIDE/OVERRIDE       | 1     | Numeric         | 56             |
| 170                | MOTOR CARRIER ID NUMBER  | 11    | Alphabetic      | 57             |
| 171                | BUS USE                  | 1     | Numeric         | 57             |
| 172                | GROSS WEIGHT RATING-GVWR | 1     | Numeric         | 57             |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

| Variable<br>Number | Variable<br>Name         | Width | Storage<br>Type | Page<br>Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 207                | DRIVER PRESENCE          | 1     | Numeric         | 59             |
| 208                | DRIVER DRINKING          | 1     | Numeric         | 59             |
| 209                | LICENSE STATE            | 2     | Numeric         | 59             |
| 210                | NON-CDL LICENSE STATUS   | 1     | Numeric         | 60             |
| 211                | LICENSE CLASS COMPLIANCE | 1     | Numeric         | 61             |
| 212                | CDL LICENSE STATUS       | 1     | Numeric         | 61             |
| 213                | LICENSE ENDORSEMENTS     | 1     | Numeric         | 62             |
| 214                | LICENSE RESTRICTIONS MET | 1     | Numeric         | 62             |
| 216                | NUMBER OF PREV ACCIDENTS | 2     | Numeric         | 62             |
| 217                | NUMBER PREV SUSPENSIONS  | 2     | Numeric         | 62             |
| 218                | NUMBER OF PREV DWI CONV  | 2     | Numeric         | 63             |
| 219                | NUM PREV SPEEDING CONV   | 2     | Numeric         | 63             |
| 220                | NUM PREV OTHER MV CONV   | 2     | Numeric         | 63             |
| 221                | LAST ACCIDENT - MONTH    | 2     | Numeric         | 64             |
| 222                | LAST ACCIDENT - YEAR     | 4     | Numeric         | 64             |
| 223                | FIRST ACCIDENT - MONTH   | 2     | Numeric         | 64             |
| 224                | FIRST ACCIDENT - YEAR    | 4     | Numeric         | 65             |
| 227                | DRIVER RELATED FACTORS#1 | 2     | Numeric         | 65             |
| 228                | DRIVER RELATED FACTORS#2 | 2     | Numeric         | 68             |
| 229                | DRIVER RELATED FACTORS#3 | 2     | Numeric         | 69             |
| 230                | DRIVER RELATED FACTORS#4 | 2     | Numeric         | 70             |
| 231                | VIOLATIONS CHARGED #1    | 2     | Numeric         | 70             |
| 232                | VIOLATIONS CHARGED #2    | 2     | Numeric         | 72             |
| 233                | VIOLATIONS CHARGED #3    | 2     | Numeric         | 73             |
| 235                | DRIVER HEIGHT            | 2     | Numeric         | 73             |
| 236                | DRIVER WEIGHT            | 3     | Numeric         | 74             |





BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

| Variable<br>Number | Variable<br>Name         | Width | Storage<br>Type | Page<br>Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 306                | OCCUPANT NUMBER          | 2     | Numeric         | 75             |
| 308                | OCCUPANT AGE             | 2     | Numeric         | 75             |
| 309                | OCCUPANT SEX             | 1     | Numeric         | 76             |
| 310                | OCCUPANT TYPE            | 2     | Numeric         | 76             |
| 311                | OCC SEATING POSITION     | 2     | Numeric         | 76             |
| 312                | RESTRAINT SYSTEM USE     | 2     | Numeric         | 77             |
| 313                | AIR BAG AVAIL/DEPLOY     | 2     | Numeric         | 77             |
| 314                | OCCUPANT EJECTION        | 1     | Numeric         | 77             |
| 315                | EJECTION PATH            | 1     | Numeric         | 78             |
| 316                | OCCUPANT EXTRICATION     | 1     | Numeric         | 78             |
| 321                | DRUG INVOLVEMENT         | 1     | Numeric         | 78             |
| 322                | DRUG DETERMINATION       | 1     | Numeric         | 79             |
| 323                | DRUG TEST TYPE #1        | 1     | Numeric         | 79             |
| 324                | DRUG TEST RESULTS #1     | 3     | Numeric         | 79             |
| 325                | DRUG TEST TYPE #2        | 1     | Numeric         | 80             |
| 326                | DRUG TEST RESULTS #2     | 3     | Numeric         | 80             |
| 327                | DRUG TEST TYPE #3        | 1     | Numeric         | 81             |
| 328                | DRUG TEST RESULTS #3     | 3     | Numeric         | 82             |
| 329                | OCCUPANT INJURY SEVERITY | 1     | Numeric         | 82             |
| 330                | OCC TAKEN TO HOSPITAL    | 1     | Numeric         | 83             |
| 331                | OCC DEATH DATE - MONTH   | 2     | Numeric         | 83             |
| 332                | OCC DEATH DATE - DAY     | 2     | Numeric         | 84             |
| 333                | OCC DEATH DATE - YEAR    | 4     | Numeric         | 84             |
| 334                | OCC DEATH TIME - HOURS   | 2     | Numeric         | 84             |
| 335                | OCC DEATH TIME - MINUTES | 2     | Numeric         | 84             |
| 336                | LAG TIME ACC/DEATH - HRS | 3     | Numeric         | 85             |
| 342                | OCC FATAL INJURY AT WORK | 1     | Numeric         | 85             |
| 345                | OCC ALCOHOL INVOLVEMENT  | 1     | Numeric         | 85             |
| 346                | OCC METH ALC DETERMINAT  | 1     | Numeric         | 85             |
| 347                | ALCOHOL TEST TYPE        | 1     | Numeric         | 86             |
| 348                | OCC ALCOHOL TEST RESULT  | 2     | Numeric         | 86             |
| 361                | RACE                     | 2     | Numeric         | 86             |
| 362                | HISPANIC ORIGIN          | 2     | Numeric         | 87             |
| 363                | OCC DEAD ON ARRIVAL      | 1     | Numeric         | 87             |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

| Variable<br>Number | Variable<br>Name         | Width | Storage<br>Type | Page<br>Number |
|--------------------|--------------------------|-------|-----------------|----------------|
| 1110               | BUS MAKE                 | 3     | Numeric         | 89             |
| 1120               | FINAL MANUFACTURER       | 30    | Alphabetic      | 89             |
| 1130               | MODEL YEAR               | 4     | Numeric         | 90             |
| 1140               | FRONT OF BUS             | 1     | Numeric         | 90             |
| 1150               | ENGINE LOCATION          | 1     | Numeric         | 90             |
| 1160               | FUEL TYPE                | 1     | Numeric         | 91             |
| 1170               | BUS MODEL                | 10    | Alphabetic      | 91             |
| 1180               | BUS TYPE                 | 2     | Numeric         | 91             |
| 1190               | DESCRIPTION OF BUS       | 50    | Alphabetic      | 92             |
| 1200               | NUMBER OF AXLES          | 1     | Numeric         | 92             |
| 1210               | BODY STYLE               | 1     | Numeric         | 93             |
| 1220               | PASS SEATING CAPACITY    | 3     | Numeric         | 93             |
| 1230               | NUMBER OF PASSENGERS     | 3     | Numeric         | 94             |
| 1240               | GROSS VEH WEIGHT RATING  | 1     | Numeric         | 95             |
| 1250               | EMPTY WEIGHT             | 6     | Numeric         | 95             |
| 1260               | LENGTH                   | 3     | Numeric         | 96             |
| 1270               | WIDTH                    | 3     | Numeric         | 96             |
| 1280               | GEN PASSENGER RESTRAINT  | 1     | Numeric         | 97             |
| 1290               | SPECIAL NEEDS RESTRAINT  | 1     | Numeric         | 97             |
| 1310               | DESCRIPTION OF OPER AUTH | 50    | Alphabetic      | 97             |
| 1320               | FLEET SIZE               | 6     | Numeric         | 98             |
| 1330               | NUMBER OWNED             | 6     | Numeric         | 99             |
| 1340               | NUMBER LEASED            | 6     | Numeric         | 99             |
| 1350               | BUS OPERATOR TYPE        | 2     | Numeric         | 99             |
| 1360               | AREA OF OPERATION        | 1     | Numeric         | 99             |
| 1370               | OPERATING AUTHORITY      | 1     | Numeric         | 100            |
| 1380               | TRIP TYPE                | 1     | Numeric         | 100            |
| 1410               | ROLLOVER                 | 1     | Numeric         | 100            |
| 1420               | DIRECTION OF ROLL        | 1     | Numeric         | 100            |
| 1430               | NUMBER OF QUARTER TURNS  | 2     | Numeric         | 101            |
| 1510               | HOURS DRIVING            | 2     | Numeric         | 101            |
| 1520               | COMPENSATION-HOURLY      | 1     | Numeric         | 101            |
| 1530               | COMPENSATION-MILEAGE     | 1     | Numeric         | 101            |
| 1540               | COMPENSATION-TIPS        | 1     | Numeric         | 102            |
| 1550               | COMPENSATION-% REVENUE   | 1     | Numeric         | 102            |
| 1560               | COMPENSATION-SALARY      | 1     | Numeric         | 102            |
| 1570               | COMPENSATION-DRIVER OWN  | 1     | Numeric         | 102            |
| 1580               | COMPENSATION-DRIVER VOL  | 1     | Numeric         | 102            |
| 1590               | COMPENSATION-NOT A DRVR  | 1     | Numeric         | 103            |
| 1600               | COMPENSATION-OTHER       | 1     | Numeric         | 103            |
| 1610               | DESCRIBE COMPENSATION    | 50    | Alphabetic      | 103            |
| 1710               | ACCIDENT TYPE            | 2     | Numeric         | 103            |
| 1720               | PEDESTRIAN FATALITY      | 2     | Numeric         | 104            |
| 1830               | INTERVIEW CONDUCTED      | 1     | Numeric         | 104            |
| 1840               | POLICE REPORT            | 1     | Numeric         | 104            |
| 1850               | FAX/MAIL                 | 1     | Numeric         | 105            |
| 1861               | 1ST QUESTION DERIVED     | 2     | Numeric         | 105            |
| 1862               | 2ND QUESTION DERIVED     | 2     | Numeric         | 105            |
| 1863               | 3RD QUESTION DERIVED     | 2     | Numeric         | 105            |
| 1864               | 4TH QUESTION DERIVED     | 2     | Numeric         | 105            |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

| <u>Variable<br/>Number</u> | <u>Variable<br/>Name</u> | <u>Width</u> | <u>Storage<br/>Type</u> | <u>Page<br/>Number</u> |
|----------------------------|--------------------------|--------------|-------------------------|------------------------|
| 1865                       | 5TH QUESTION DERIVED     | 2            | Numeric                 | 106                    |
| 1866                       | 6TH QUESTION DERIVED     | 2            | Numeric                 | 106                    |
| 1867                       | 7TH QUESTION DERIVED     | 2            | Numeric                 | 106                    |
| 1868                       | 8TH QUESTION DERIVED     | 2            | Numeric                 | 106                    |
| 1869                       | 9TH QUESTION DERIVED     | 2            | Numeric                 | 106                    |
| 1870                       | 10TH QUESTION DERIVED    | 2            | Numeric                 | 106                    |

The ACCIDENT Variables

Variables 1 through 61 are the FARS variables that describe the accident.

| Variable 1 | CASE STATE |                            | Width: 2  | Type: Numeric |
|------------|------------|----------------------------|-----------|---------------|
|            |            |                            | Dec: None | Miss: None    |
| N          | Prcnt      | Code Value and Description |           |               |
| 1          | 0.3        | 1 Alabama                  |           |               |
| 0          | 0.0        | 2 Alaska                   |           |               |
| 8          | 2.7        | 4 Arizona                  |           |               |
| 3          | 1.0        | 5 Arkansas                 |           |               |
| 38         | 12.8       | 6 California               |           |               |
| 6          | 2.0        | 8 Colorado                 |           |               |
| 3          | 1.0        | 9 Connecticut              |           |               |
| 1          | 0.3        | 10 Delaware                |           |               |
| 1          | 0.3        | 11 District of Columbia    |           |               |
| 22         | 7.4        | 12 Florida                 |           |               |
| 8          | 2.7        | 13 Georgia                 |           |               |
| 5          | 1.7        | 15 Hawaii                  |           |               |
| 2          | 0.7        | 16 Idaho                   |           |               |
| 7          | 2.3        | 17 Illinois                |           |               |
| 1          | 0.3        | 18 Indiana                 |           |               |
| 3          | 1.0        | 19 Iowa                    |           |               |
| 3          | 1.0        | 20 Kansas                  |           |               |
| 5          | 1.7        | 21 Kentucky                |           |               |
| 3          | 1.0        | 22 Louisiana               |           |               |
| 0          | 0.0        | 23 Maine                   |           |               |
| 5          | 1.7        | 24 Maryland                |           |               |
| 6          | 2.0        | 25 Massachusetts           |           |               |
| 11         | 3.7        | 26 Michigan                |           |               |
| 4          | 1.3        | 27 Minnesota               |           |               |
| 1          | 0.3        | 28 Mississippi             |           |               |
| 8          | 2.7        | 29 Missouri                |           |               |
| 1          | 0.3        | 30 Montana                 |           |               |
| 1          | 0.3        | 31 Nebraska                |           |               |
| 6          | 2.0        | 32 Nevada                  |           |               |
| 0          | 0.0        | 33 New Hampshire           |           |               |
| 12         | 4.0        | 34 New Jersey              |           |               |
| 5          | 1.7        | 35 New Mexico              |           |               |
| 26         | 8.7        | 36 New York                |           |               |
| 6          | 2.0        | 37 North Carolina          |           |               |
| 1          | 0.3        | 38 North Dakota            |           |               |
| 9          | 3.0        | 39 Ohio                    |           |               |
| 4          | 1.3        | 40 Oklahoma                |           |               |
| 3          | 1.0        | 41 Oregon                  |           |               |
| 15         | 5.0        | 42 Pennsylvania            |           |               |
| 2          | 0.7        | 44 Rhode Island            |           |               |
| 5          | 1.7        | 45 South Carolina          |           |               |
| 0          | 0.0        | 46 South Dakota            |           |               |
| 3          | 1.0        | 47 Tennessee               |           |               |
| 24         | 8.1        | 48 Texas                   |           |               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS ACCIDENT VARIABLES

Variable 1:CASE STATE (Continued)

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 2 | 0.7   | 49   | Utah                  |
| 1 | 0.3   | 50   | Vermont               |
| 6 | 2.0   | 51   | Virginia              |
| 3 | 1.0   | 53   | Washington            |
| 3 | 1.0   | 54   | West Virginia         |
| 5 | 1.7   | 55   | Wisconsin             |
| 0 | 0.0   | 56   | Wyoming               |

---

|            |             |           |               |
|------------|-------------|-----------|---------------|
| Variable 2 | CASE NUMBER | Width: 4  | Type: Numeric |
|            |             | Dec: None | Miss: None    |

---

CASE NUMBER ASSIGNED WITHIN STATES

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 0 | 0.0   | 1    |                       |
|   |       | -    | Case number           |
| 0 | 0.0   | 9999 |                       |

---

|            |      |           |               |
|------------|------|-----------|---------------|
| Variable 7 | CITY | Width: 4  | Type: Numeric |
|            |      | Dec: None | Miss: 9999    |

---

CITY - GSA GEOGRAPHIC LOCATION CODE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 107 | 35.9  | 0    | Not applicable        |
| 0   | 0.0   | 1    |                       |
|     |       | -    | GSA code              |
| 0   | 0.0   | 9996 |                       |
| 1   | 0.3   | 9997 | Other                 |
| 0   | 0.0   | 9999 | Unknown               |

---

|            |        |           |               |
|------------|--------|-----------|---------------|
| Variable 8 | COUNTY | Width: 3  | Type: Numeric |
|            |        | Dec: None | Miss: 999     |

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COUNTY - GSA GEOGRAPHIC LOCATION CODE

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 0 | 0.0   | 0    | Not applicable        |
| 9 | 3.0   | 1    |                       |
|   |       | -    | GSA code              |
| 0 | 0.0   | 996  |                       |
| 0 | 0.0   | 997  | Other                 |
| 0 | 0.0   | 999  | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS ACCIDENT VARIABLES

---

|            |                              |           |               |
|------------|------------------------------|-----------|---------------|
| Variable 9 | <u>ACCIDENT DATE - MONTH</u> | Width: 2  | Type: Numeric |
|            |                              | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 36 | 12.1  | 1    | January               |
| 26 | 8.7   | 2    | February              |
| 23 | 7.7   | 3    | March                 |
| 19 | 6.4   | 4    | April                 |
| 26 | 8.7   | 5    | May                   |
| 25 | 8.4   | 6    | June                  |
| 15 | 5.0   | 7    | July                  |
| 13 | 4.4   | 8    | August                |
| 35 | 11.7  | 9    | September             |
| 30 | 10.1  | 10   | October               |
| 33 | 11.1  | 11   | November              |
| 17 | 5.7   | 12   | December              |

---

|             |                            |           |               |
|-------------|----------------------------|-----------|---------------|
| Variable 10 | <u>ACCIDENT DATE - DAY</u> | Width: 2  | Type: Numeric |
|             |                            | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 10 | 3.4   | 1    |                       |
|    |       | -    | Day of month          |
| 6  | 2.0   | 31   |                       |

---

|             |                             |           |               |
|-------------|-----------------------------|-----------|---------------|
| Variable 11 | <u>ACCIDENT DATE - YEAR</u> | Width: 4  | Type: Numeric |
|             |                             | Dec: None | Miss: 9999    |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 298 | 100.0 | 2002 | 2002                  |

---

|             |                             |           |               |
|-------------|-----------------------------|-----------|---------------|
| Variable 12 | <u>ACCIDENT TIME - HOUR</u> | Width: 2  | Type: Numeric |
|             |                             | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 5  | 1.7   | 0    | 12:01 am - 12:59 am   |
| 4  | 1.3   | 1    | 1:00 am - 1:59 am     |
| 2  | 0.7   | 2    | 2:00 am - 2:59 am     |
| 2  | 0.7   | 3    | 3:00 am - 3:59 am     |
| 6  | 2.0   | 4    | 4:00 am - 4:59 am     |
| 9  | 3.0   | 5    | 5:00 am - 5:59 am     |
| 18 | 6.0   | 6    | 6:00 am - 6:59 am     |
| 34 | 11.4  | 7    | 7:00 am - 7:59 am     |
| 21 | 7.0   | 8    | 8:00 am - 8:59 am     |
| 10 | 3.4   | 9    | 9:00 am - 9:59 am     |
| 7  | 2.3   | 10   | 10:00 am - 10:59 am   |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

## Variable 12: ACCIDENT TIME - HOUR (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 8  | 2.7   | 11   | 11:00 am - 11:59 am   |
| 13 | 4.4   | 12   | 12:00 pm - 12:59 pm   |
| 8  | 2.7   | 13   | 1:00 pm - 1:59 pm     |
| 21 | 7.0   | 14   | 2:00 pm - 2:59 pm     |
| 37 | 12.4  | 15   | 3:00 pm - 3:59 pm     |
| 27 | 9.1   | 16   | 4:00 pm - 4:59 pm     |
| 16 | 5.4   | 17   | 5:00 pm - 5:59 pm     |
| 19 | 6.4   | 18   | 6:00 pm - 6:59 pm     |
| 12 | 4.0   | 19   | 7:00 pm - 7:59 pm     |
| 7  | 2.3   | 20   | 8:00 pm - 8:59 pm     |
| 6  | 2.0   | 21   | 9:00 pm - 9:59 pm     |
| 3  | 1.0   | 22   | 10:00 pm - 10:59 pm   |
| 3  | 1.0   | 23   | 11:00 pm - 11:59 pm   |
| 0  | 0.0   | 24   | 12:00 midnight        |
| 0  | 0.0   | 99   | Unknown               |

---

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 13 | ACCIDENT TIME - MINUTE | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 22 | 7.4   | 0    | - Minute              |
| 1  | 0.3   | 59   |                       |
| 0  | 0.0   | 99   | Unknown               |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 14 | NUMBER OF VEHICLE FORMS | Width: 2  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

## NUMBER OF VEHICLES INVOLVED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 99  | 33.2  | 1    | 1 vehicle             |
| 157 | 52.7  | 2    | 2 vehicles            |
| 32  | 10.7  | 3    | 3 vehicles            |
| 7   | 2.3   | 4    | 4 vehicles            |
| 1   | 0.3   | 5    | 5 vehicles            |
| 1   | 0.3   | 7    | 7 vehicles            |
| 1   | 0.3   | 12   | 12 vehicles           |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS ACCIDENT VARIABLES

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 15 | NUMBER OF PERSON FORMS | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: None    |

NUMBER OF PERSONS INVOLVED IN ACCIDENT

Does not include uninjured bus or railway train occupants

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 2   | 0.7   | 1    | 1 person              |
| 140 | 47.0  | 2    | 2 persons             |
| 47  | 15.8  | 3    | 3 persons             |
| 28  | 9.4   | 4    | 4 persons             |
| 15  | 5.0   | 5    | 5 persons             |
| 11  | 3.7   | 6    | 6 persons             |
| 8   | 2.7   | 7    | 7 persons             |
| 5   | 1.7   | 8    | 8 persons             |
| 4   | 1.3   | 9    | 9 persons             |
| 4   | 1.3   | 10   | 10 persons            |
| 1   | 0.3   | 11   | 11 persons            |
| 5   | 1.7   | 12   | 12 persons            |
| 4   | 1.3   | 14   | 14 persons            |
| 2   | 0.7   | 15   | 15 persons            |
| 3   | 1.0   | 16   | 16 persons            |
| 1   | 0.3   | 19   | 19 persons            |
| 1   | 0.3   | 20   | 20 persons            |
| 1   | 0.3   | 21   | 21 persons            |
| 1   | 0.3   | 22   | 22 persons            |
| 1   | 0.3   | 23   | 23 persons            |
| 1   | 0.3   | 24   | 24 persons            |
| 2   | 0.7   | 25   | 25 persons            |
| 1   | 0.3   | 27   | 27 persons            |
| 1   | 0.3   | 29   | 29 persons            |
| 1   | 0.3   | 31   | 31 persons            |
| 1   | 0.3   | 33   | 33 persons            |
| 1   | 0.3   | 34   | 34 persons            |
| 1   | 0.3   | 35   | 35 persons            |
| 1   | 0.3   | 38   | 38 persons            |
| 1   | 0.3   | 41   | 41 persons            |
| 1   | 0.3   | 49   | 49 persons            |
| 1   | 0.3   | 52   | 52 persons            |
| 1   | 0.3   | 55   | 55 persons            |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

|             |          |           |               |
|-------------|----------|-----------|---------------|
| Variable 16 | LAND USE | Width: 1  | Type: Numeric |
|             |          | Dec: None | Miss: 9       |

## LAND USE - FHWA CLASSIFICATION

## Recode of Roadway Function Class (V 18)

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 192 | 64.4  | 1    | Urban area            |
| 105 | 35.2  | 2    | Rural area            |
| 1   | 0.3   | 9    | Unknown               |

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 17 | NATIONAL HIGHWAY SYSTEM | Width: 1  | Type: Numeric |
|             |                         | Dec: None | Miss: 9       |

National Highway System (NHS) includes the entire Interstate System, and consists of principal arterial system routes and some Strategic Highway Network connectors functionally classified below principal arterial.

| N   | Prcnt | Code | Value and Description                 |
|-----|-------|------|---------------------------------------|
| 237 | 79.5  | 0    | This section is not on the NHS        |
| 60  | 20.1  | 1    | This section is on the NHS            |
| 1   | 0.3   | 9    | Unknown if this section is on the NHS |

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 18 | ROADWAY FUNCTION CLASS | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: 99      |

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
|---|-------|------|-----------------------|

## Rural

|    |     |   |                                 |
|----|-----|---|---------------------------------|
| 14 | 4.7 | 1 | Principal arterial - interstate |
| 20 | 6.7 | 2 | Principal arterial - other      |
| 24 | 8.1 | 3 | Minor arterial                  |
| 22 | 7.4 | 4 | Major collector                 |
| 11 | 3.7 | 5 | Minor collector                 |
| 13 | 4.4 | 6 | Local road or street            |
| 1  | 0.3 | 9 | Unknown rural                   |

## Urban

|    |      |    |  |
|----|------|----|--|
| 8  | 2.7  | 11 | Principal arterial - interstate                    |
| 6  | 2.0  | 12 | Principal arterial - other freeways or expressways |
| 56 | 18.8 | 13 | Other principal arterial                           |
| 52 | 17.4 | 14 | Minor arterial                                     |
| 14 | 4.7  | 15 | Collector  |
| 56 | 18.8 | 16 | Local road or street                               |
| 0  | 0.0  | 19 | Unknown urban                                      |
| 1  | 0.3  | 99 | Unknown  |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS ACCIDENT VARIABLES

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Variable 19      ROUTE SIGNING      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

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| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 21  | 7.0   | 1    | Interstate            |
| 31  | 10.4  | 2    | U.S. highway          |
| 71  | 23.8  | 3    | State highway         |
| 39  | 13.1  | 4    | County road           |
|     |       |      | Local Street          |
| 17  | 5.7   | 5    | Township              |
| 101 | 33.9  | 6    | Municipality          |
| 2   | 0.7   | 7    | Frontage road         |
| 11  | 3.7   | 8    | Other                 |
| 5   | 1.7   | 9    | Unknown               |

---

Variable 20      TRAFFICWAY IDENTIFIER      Width: 20      Type: Alphabetic  
 Dec:    None      Miss: None

---

| N | Prcnt | Code                 | Value and Description |
|---|-------|----------------------|-----------------------|
| 0 | 0.0   | 99999999999999999999 | Unknown               |

---

Variable 21      MILEPOINT      Width: 5      Type: Numeric  
 Dec:    None      Miss: 99999

---

| N   | Prcnt | Code  | Value and Description       |
|-----|-------|-------|-----------------------------|
| 144 | 48.3  | 0     | None                        |
| 1   | 0.3   | 1     |                             |
|     |       |       | - Actual to nearest .1 mile |
| 1   | 0.3   | 09999 |                             |
| 34  | 11.4  | 99999 | Unknown                     |

---

Variable 22      SPECIAL JURISDICTION      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

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| N   | Prcnt | Code | Value and Description     |
|-----|-------|------|---------------------------|
| 298 | 100.0 | 0    | No special jurisdiction   |
| 0   | 0.0   | 1    | National Park Service     |
| 0   | 0.0   | 2    | Military                  |
| 0   | 0.0   | 3    | Indian reservation        |
| 0   | 0.0   | 4    | College/University campus |
| 0   | 0.0   | 5    | Other Federal properties  |
| 0   | 0.0   | 8    | Other                     |
| 0   | 0.0   | 9    | Unknown                   |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

|             |                     |           |               |
|-------------|---------------------|-----------|---------------|
| Variable 23 | FIRST HARMFUL EVENT | Width: 2  | Type: Numeric |
|             |                     | Dec: None | Miss: 99      |

## 1ST EVENT CAUSING INJURY/PROPERTY DAMAGE

| N   | Prcnt | Code | Value and Description                                    |
|-----|-------|------|--|
| 1   | 0.3   | 1    | Overturn   |
| 0   | 0.0   | 2    | Fire/explosion   |
| 0   | 0.0   | 3    | Immersion  |
| 0   | 0.0   | 4    | Gas inhalation   |
| 1   | 0.3   | 5    | Fell from vehicle  |
| 0   | 0.0   | 6    | Injured in vehicle                                       |
| 3   | 1.0   | 7    | Other noncollision                                       |
| 79  | 26.5  | 8    | Pedestrian   |
| 13  | 4.4   | 9    | Pedalcycle   |
| 0   | 0.0   | 10   | Railway train  |
| 0   | 0.0   | 11   | Animal   |
| 183 | 61.4  | 12   | Motor vehicle in transport                               |
| 2   | 0.7   | 13   | Motor vehicle in transport in other roadway              |
| 0   | 0.0   | 14   | Parked motor vehicle                                     |
| 1   | 0.3   | 15   | Other type nonmotorist                                   |
| 0   | 0.0   | 16   | Thrown or falling object                                 |
| 0   | 0.0   | 17   | Boulder  |
| 0   | 0.0   | 18   | Other object (not fixed)                                 |
| 0   | 0.0   | 19   | Building   |
| 0   | 0.0   | 20   | Impact attenuator/crash cushion                          |
| 0   | 0.0   | 21   | Bridge pier or abutment                                  |
| 0   | 0.0   | 22   | Bridge parapet end                                       |
| 0   | 0.0   | 23   | Bridge rail  |
| 5   | 1.7   | 24   | Guardrail  |
| 2   | 0.7   | 25   | Concrete traffic barrier                                 |
| 0   | 0.0   | 26   | Other longitudinal barrier type                          |
| 0   | 0.0   | 27   | Highway/traffic sign post                                |
| 0   | 0.0   | 28   | Overhead sign support                                    |
| 1   | 0.3   | 29   | Luminaire/light support                                  |
| 1   | 0.3   | 30   | Utility pole   |
| 0   | 0.0   | 31   | Other post, pole or supports                             |
| 1   | 0.3   | 32   | Culvert  |
| 1   | 0.3   | 33   | Curb   |
| 0   | 0.0   | 34   | Ditch  |
| 0   | 0.0   | 35   | Embankment - earth                                       |
| 0   | 0.0   | 36   | Embankment - rock, stone or concrete                     |
| 1   | 0.3   | 37   | Embankment - material type unknown                       |
| 0   | 0.0   | 38   | Fence  |
| 0   | 0.0   | 39   | Wall   |
| 0   | 0.0   | 40   | Fire hydrant   |
| 0   | 0.0   | 41   | Shrubbery  |
| 2   | 0.7   | 42   | Tree   |
| 1   | 0.3   | 43   | Other fixed object                                       |
| 0   | 0.0   | 44   | Pavement surface irregularity (pothole, grooved, grates) |
| 0   | 0.0   | 45   | Transport device used as equipment                       |
| 0   | 0.0   | 46   | Traffic signal support                                   |
| 0   | 0.0   | 47   | Vehicle Occupant Struck or Run Over by Own Vehicle       |
| 0   | 0.0   | 48   | Collision With Snow Bank                                 |
| 0   | 0.0   | 49   | Ridden animal or animal-drawn conveyance                 |

Variable 23:FIRST HARMFUL EVENT (Continued)

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 0 | 0.0   | 99   | Unknown               |

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

Noncollision Event

- 1 Overturn
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Fell from vehicle
- 6 Injured in vehicle
- 7 Other noncollision
- 16 Thrown or falling object
- 44 Pavement surface irregularity (pothole, grooved, grates)
- 47 Vehicle Occupant Struck or Run Over by Own Vehicle

Collision With Object Not Fixed

- 8 Pedestrian
- 9 Pedalcycle
- 10 Railway train
- 11 Animal
- 12 Motor vehicle in transport
- 13 Motor vehicle in transport in other roadway
- 14 Parked motor vehicle
- 15 Other type nonmotorist
- 18 Other object (not fixed)
- 45 Transport device used as equipment
- 49 Ridden animal or animal-drawn conveyance

Collision With Fixed Object

- 17 Boulder
- 19 Building
- 20 Impact attenuator/crash cushion
- 21 Bridge pier or abutment
- 22 Bridge parapet end
- 23 Bridge rail
- 24 Guardrail
- 25 Concrete traffic barrier
- 26 Other longitudinal barrier type
- 27 Highway/traffic sign post
- 28 Overhead sign support
- 29 Luminaire/light support
- 30 Utility pole
- 31 Other post, pole or supports
- 32 Culvert
- 33 Curb
- 34 Ditch
- 35 Embankment - earth
- 36 Embankment - rock, stone or concrete
- 37 Embankment - material type unknown
- 38 Fence

## Variable 23:FIRST HARMFUL EVENT (Continued)

## Code Value and Description

39 Wall  
 40 Fire hydrant  
 41 Shrubbery  
 42 Tree  
 43 Other fixed object  
 46 Traffic signal support  
 48 Collision With Snow Bank

---

Variable 24      MANNER OF COLLISION      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

---

| N   | Prcnt | Code | Value and Description     |
|-----|-------|------|---------------------------|
| 113 | 37.9  | 0    | Not applicable            |
| 48  | 16.1  | 1    | Rear-end                  |
| 32  | 10.7  | 2    | Head-on                   |
| 3   | 1.0   | 3    | Front-to-side:Same dir    |
| 21  | 7.0   | 4    | Front-to-side:Opp dir     |
| 70  | 23.5  | 5    | Front-to-side:Right angle |
| 2   | 0.7   | 6    | Front-to-side:Other       |
| 3   | 1.0   | 7    | S-Swipe:Same dir          |
| 5   | 1.7   | 8    | S-Swipe:Opp dir           |
| 0   | 0.0   | 9    | Rear-to-Side              |
| 0   | 0.0   | 10   | Rear-to-Rear              |
| 1   | 0.3   | 11   | Other                     |
| 0   | 0.0   | 99   | Unknown                   |

---

Variable 25      RELATION TO JUNCTION      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

---

| N                | Prcnt | Code | Value and Description         |
|------------------|-------|------|-------------------------------|
| Noninterchange   |       |      |                               |
| 139              | 46.6  | 1    | Nonjunction                   |
| 107              | 35.9  | 2    | Intersection                  |
| 36               | 12.1  | 3    | Intersection related          |
| 4                | 1.3   | 4    | Driveway, alley, access, etc. |
| 1                | 0.3   | 5    | Entrance/exit ramp related    |
| 0                | 0.0   | 6    | Rail grade crossing           |
| 0                | 0.0   | 7    | In crossover                  |
| 0                | 0.0   | 9    | Unknown, noninterchange       |
| Interchange area |       |      |                               |
| 3                | 1.0   | 10   | Intersection                  |
| 0                | 0.0   | 11   | Intersection related          |
| 0                | 0.0   | 12   | Driveway access               |
| 6                | 2.0   | 13   | Entrance/exit ramp related    |
| 0                | 0.0   | 14   | In crossover                  |

Variable 25:RELATION TO JUNCTION (Continued)

| N | Prcnt | Code | Value and Description         |
|---|-------|------|-------------------------------|
| 2 | 0.7   | 15   | Other location in interchange |
| 0 | 0.0   | 19   | Unknown, interchange area     |
| 0 | 0.0   | 99   | Unknown                       |

---

|             |                     |           |               |
|-------------|---------------------|-----------|---------------|
| Variable 26 | RELATION TO ROADWAY | Width: 2  | Type: Numeric |
|             |                     | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description             |
|-----|-------|------|-----------------------------------|
| 279 | 93.6  | 1    | On roadway                        |
| 3   | 1.0   | 2    | Shoulder                          |
| 1   | 0.3   | 3    | Median                            |
| 9   | 3.0   | 4    | Roadside                          |
| 2   | 0.7   | 5    | Outside right-of-way              |
| 2   | 0.7   | 6    | Off roadway - location unknown    |
| 0   | 0.0   | 7    | In parking lane                   |
| 1   | 0.3   | 8    | Gore                              |
| 0   | 0.0   | 10   | Separator                         |
| 0   | 0.0   | 11   | Two-way continuous left-turn lane |
| 1   | 0.3   | 99   | Unknown                           |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

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|                    |                        |           |               |
|--------------------|------------------------|-----------|---------------|
| <u>Variable 27</u> | <u>TRAFFICWAY FLOW</u> | Width: 1  | Type: Numeric |
|                    |                        | Dec: None | Miss: 9       |

---

A trafficway may include several roadways if it is a physically divided highway. Trafficways are not physically divided unless the divider is a median, barrier or other constructed device. Pavement markings do not qualify.

| N   | Prcnt | Code | Value and Description                                    |
|-----|-------|------|--|
| 186 | 62.4  | 1    | Not physically divided (two way trafficway)              |
| 68  | 22.8  | 2    | Divided highway, median strip (without traffic barrier)  |
| 27  | 9.1   | 3    | Divided highway, median strip (with traffic barrier)     |
| 6   | 2.0   | 4    | One way trafficway                                       |
| 5   | 1.7   | 5    | Divided highway, median strip (2way cont left-turn lane) |
| 6   | 2.0   | 9    | Unknown  |

---

|                    |                               |           |               |
|--------------------|-------------------------------|-----------|---------------|
| <u>Variable 28</u> | <u>NUMBER OF TRAVEL LANES</u> | Width: 1  | Type: Numeric |
|                    |                               | Dec: None | Miss: 9       |

---

A roadway is one part of a divided trafficway or, if undivided, the same as the trafficway. It refers to the roadway on which the vehicle precipitating the accident was traveling. Only lanes open for travel are counted. Turn lanes are therefore excluded.

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 1   | 0.3   | 1    | 1 lane                |
| 195 | 65.4  | 2    | 2 lanes               |
| 32  | 10.7  | 3    | 3 lanes               |
| 46  | 15.4  | 4    | 4 lanes               |
| 5   | 1.7   | 5    | 5 lanes               |
| 9   | 3.0   | 6    | 6 lanes               |
| 1   | 0.3   | 7    | 7 or more lanes       |
| 9   | 3.0   | 9    | Unknown               |

---

|                    |                    |           |               |
|--------------------|--------------------|-----------|---------------|
| <u>Variable 29</u> | <u>SPEED LIMIT</u> | Width: 2  | Type: Numeric |
|                    |                    | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 0  | 0.0   | 0    | No statutory limit    |
| 0  | 0.0   | 5    | 5 mph                 |
| 0  | 0.0   | 10   | 10 mph                |
| 0  | 0.0   | 15   | 15 mph                |
| 0  | 0.0   | 20   | 20 mph                |
| 37 | 12.4  | 25   | 25 mph                |
| 36 | 12.1  | 30   | 30 mph                |
| 53 | 17.8  | 35   | 35 mph                |
| 18 | 6.0   | 40   | 40 mph                |
| 35 | 11.7  | 45   | 45 mph                |
| 10 | 3.4   | 50   | 50 mph                |

Variable 29:SPEED LIMIT (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 48 | 16.1  | 55   | 55 mph                |
| 5  | 1.7   | 60   | 60 mph                |
| 18 | 6.0   | 65   | 65 mph                |
| 6  | 2.0   | 70   | 70 mph                |
| 5  | 1.7   | 75   | 75 mph                |
| 27 | 9.1   | 99   | Unknown               |

---

|             |                   |           |               |
|-------------|-------------------|-----------|---------------|
| Variable 30 | ROADWAY ALIGNMENT | Width: 1  | Type: Numeric |
|             |                   | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 264 | 88.6  | 1    | Straight              |
| 33  | 11.1  | 2    | Curve                 |
| 1   | 0.3   | 9    | Unknown               |

---

|             |                 |           |               |
|-------------|-----------------|-----------|---------------|
| Variable 31 | ROADWAY PROFILE | Width: 1  | Type: Numeric |
|             |                 | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 224 | 75.2  | 1    | Level                 |
| 49  | 16.4  | 2    | Grade                 |
| 9   | 3.0   | 3    | Hillcrest             |
| 1   | 0.3   | 4    | Sag                   |
| 15  | 5.0   | 9    | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

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|                    |                             |           |               |
|--------------------|-----------------------------|-----------|---------------|
| <u>Variable 32</u> | <u>ROADWAY SURFACE TYPE</u> | Width: 1  | Type: Numeric |
|                    |                             | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description           |
|-----|-------|------|---------------------------------|
| 24  | 8.1   | 1    | Concrete                        |
| 256 | 85.9  | 2    | Blacktop, bituminous or asphalt |
| 0   | 0.0   | 3    | Brick or block                  |
| 2   | 0.7   | 4    | Slag, gravel or stone           |
| 0   | 0.0   | 5    | Dirt                            |
| 0   | 0.0   | 8    | Other                           |
| 16  | 5.4   | 9    | Unknown                         |

---

|                    |                                  |           |               |
|--------------------|----------------------------------|-----------|---------------|
| <u>Variable 33</u> | <u>ROADWAY SURFACE CONDITION</u> | Width: 1  | Type: Numeric |
|                    |                                  | Dec: None | Miss: 9       |

---

## ROADWAY SURFACE CONDITION

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 234 | 78.5  | 1    | Dry                   |
| 54  | 18.1  | 2    | Wet                   |
| 6   | 2.0   | 3    | Snow or slush         |
| 4   | 1.3   | 4    | Ice                   |
| 0   | 0.0   | 5    | Sand, dirt, oil       |
| 0   | 0.0   | 8    | Other                 |
| 0   | 0.0   | 9    | Unknown               |

---

|                    |                               |           |               |
|--------------------|-------------------------------|-----------|---------------|
| <u>Variable 34</u> | <u>TRAFFIC CONTROL DEVICE</u> | Width: 2  | Type: Numeric |
|                    |                               | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 160 | 53.7  | 0    | No controls           |

\*\*\*Not At Railroad Grade Crossing\*\*\*

## Highway traffic signals

|    |      |   |   |
|----|------|---|---|
| 4  | 1.3  | 1 | Traffic control signal (on colors) without pedestrian signal                          |
| 18 | 6.0  | 2 | Traffic control (on colors) with pedestrian signal                                    |
| 58 | 19.5 | 3 | Traffic control signal (on colors) not known whether or not pedestrian signal         |
| 1  | 0.3  | 4 | Flashing traffic control signal   |
| 0  | 0.0  | 5 | Flashing beacon   |
| 0  | 0.0  | 6 | Flashing highway traffic signal, type unknown or other than traffic control or beacon |
| 0  | 0.0  | 7 | Lane use control signal   |
| 1  | 0.3  | 8 | Other highway traffic signal  |
| 0  | 0.0  | 9 | Unknown highway traffic signal  |

## Regulatory signs

|    |      |    |           |
|----|------|----|-----------|
| 46 | 15.4 | 20 | Stop sign |
|----|------|----|-----------|

Variable 34:TRAFFIC CONTROL DEVICE (Continued)

| N  | Prcnt | Code | Value and Description                              |
|--|-------|------|--|
| 0  | 0.0   | 21   | Yield sign   |
| 4  | 1.3   | 28   | Other regulatory sign                              |
| 0  | 0.0   | 29   | Unknown type regulatory sign                       |
| School zone signs                          |       |      |  |
| 0  | 0.0   | 30   | School speed limit sign                            |
| 0  | 0.0   | 31   | School advance or crossing sign                    |
| 0  | 0.0   | 38   | Other school related sign                          |
| 0  | 0.0   | 39   | Unknown type school zone sign                      |
| Warning signs                              |       |      |  |
| 3  | 1.0   | 40   | Warning sign                                       |
| Miscellaneous not at railroad crossing     |       |      |  |
| 0  | 0.0   | 50   | Officer, crossing guard, flagman, etc.             |
| ***At Railroad Grade Crossing***           |       |      |  |
| Active devices                             |       |      |  |
| 0  | 0.0   | 60   | Gates  |
| 0  | 0.0   | 61   | Flashing lights                                    |
| 0  | 0.0   | 62   | Traffic control signal                             |
| 0  | 0.0   | 63   | Wigwags  |
| 0  | 0.0   | 64   | Bells  |
| 0  | 0.0   | 68   | Other train activated device                       |
| 0  | 0.0   | 69   | Active device, type unknown                        |
| Passive devices                            |       |      |  |
| 0  | 0.0   | 70   | Cross-bucks  |
| 0  | 0.0   | 71   | Stop sign  |
| 0  | 0.0   | 72   | Other railroad crossing sign                       |
| 0  | 0.0   | 73   | Special warning device - watchman, flagged by crew |
| 0  | 0.0   | 78   | Other passive device                               |
| 0  | 0.0   | 79   | Passive device, type unknown                       |
| Miscellaneous devices at railroad crossing |       |      |  |
| 0  | 0.0   | 80   | Grade crossing controlled, type unknown            |
| 0  | 0.0   | 98   | Other  |
| 3  | 1.0   | 99   | Unknown  |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

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|                    |                                 |           |               |
|--------------------|---------------------------------|-----------|---------------|
| <u>Variable 35</u> | <u>TRAFFIC CONT FUNCTIONING</u> | Width: 1  | Type: Numeric |
|                    |                                 | Dec: None | Miss: 9       |

---

TRAFFIC CONTROL FUNCTIONING

| N   | Prcnt | Code | Value and Description                       |
|-----|-------|------|---|
| 160 | 53.7  | 0    | No controls                                 |
| 0   | 0.0   | 1    | Device not functioning                      |
| 1   | 0.3   | 2    | Device functioning - functioning improperly |
| 134 | 45.0  | 3    | Device functioning properly                 |
| 3   | 1.0   | 9    | Unknown                                     |

---

|                    |                    |           |               |
|--------------------|--------------------|-----------|---------------|
| <u>Variable 36</u> | <u>HIT AND RUN</u> | Width: 1  | Type: Numeric |
|                    |                    | Dec: None | Miss: None    |

---

| N   | Prcnt | Code | Value and Description          |
|-----|-------|------|--------------------------------|
| 292 | 98.0  | 0    | No hit and run                 |
| 4   | 1.3   | 1    | Hit motor vehicle in transport |
| 2   | 0.7   | 2    | Hit pedestrian or nonmotorist  |
| 0   | 0.0   | 3    | Hit parked vehicle or object   |

---

|                    |                        |           |               |
|--------------------|------------------------|-----------|---------------|
| <u>Variable 37</u> | <u>LIGHT CONDITION</u> | Width: 1  | Type: Numeric |
|                    |                        | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 212 | 71.1  | 1    | Daylight              |
| 20  | 6.7   | 2    | Dark                  |
| 50  | 16.8  | 3    | Dark but lighted      |
| 11  | 3.7   | 4    | Dawn                  |
| 5   | 1.7   | 5    | Dusk                  |
| 0   | 0.0   | 9    | Unknown               |

---

|                    |                               |           |               |
|--------------------|-------------------------------|-----------|---------------|
| <u>Variable 38</u> | <u>ATMOSPHERIC CONDITIONS</u> | Width: 1  | Type: Numeric |
|                    |                               | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description                      |
|-----|-------|------|--|
| 246 | 82.6  | 1    | No adverse atmospheric conditions          |
| 39  | 13.1  | 2    | Rain                                       |
| 1   | 0.3   | 3    | Sleet (hail)                               |
| 5   | 1.7   | 4    | Snow                                       |
| 4   | 1.3   | 5    | Fog  |
| 1   | 0.3   | 6    | Rain and fog                               |
| 0   | 0.0   | 7    | Sleet and fog                              |
| 1   | 0.3   | 8    | Other (smog, smoke, blowing sand, or dust) |
| 1   | 0.3   | 9    | Unknown                                    |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 39 | CONSTRUCTION/MAINT ZONE | Width: 1  | Type: Numeric |
|             |                         | Dec: None | Miss: 9       |

---

CONSTRUCTION OR MAINTENANCE ZONE

Identifies accidents that occurred in a construction or maintenance zone. Use of this code does not imply that the accident was caused by the construction/maintenance activity or zone.

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|-------------------------|
| 290 | 97.3  | 0    | None                    |
| 5   | 1.7   | 1    | Construction            |
| 1   | 0.3   | 2    | Maintenance             |
| 0   | 0.0   | 3    | Utility                 |
| 2   | 0.7   | 4    | Work zone, type unknown |

---

|             |                     |           |               |
|-------------|---------------------|-----------|---------------|
| Variable 40 | EMS NOTIFIED - HOUR | Width: 2  | Type: Numeric |
|             |                     | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description            |
|-----|-------|------|----------------------------------|
| 7   | 2.3   | 0    | Not notified or 12:01 - 12:59 am |
| 2   | 0.7   | 1    | - Hour                           |
| 0   | 0.0   | 24   |                                  |
| 130 | 43.6  | 99   | Unknown                          |

---

|             |                       |           |               |
|-------------|-----------------------|-----------|---------------|
| Variable 41 | EMS NOTIFIED - MINUTE | Width: 2  | Type: Numeric |
|             |                       | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|-------------------------|
| 9   | 3.0   | 0    | Not notified or on hour |
| 2   | 0.7   | 1    | - Minute                |
| 1   | 0.3   | 59   |                         |
| 130 | 43.6  | 99   | Unknown                 |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

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|                    |                           |                  |                      |
|--------------------|---------------------------|------------------|----------------------|
| <b>Variable 42</b> | <b>EMS ARRIVAL - HOUR</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                    |                           | <b>Dec: None</b> | <b>Miss: 99</b>      |

---

| N   | Prcnt | Code | Value and Description            |
|-----|-------|------|----------------------------------|
| 8   | 2.7   | 0    | Not notified or 12:01 - 12:59 am |
| 2   | 0.7   | 1    |                                  |
|     |       | -    | Hour                             |
| 0   | 0.0   | 24   |                                  |
| 132 | 44.3  | 99   | Unknown                          |

---

|                    |                             |                  |                      |
|--------------------|-----------------------------|------------------|----------------------|
| <b>Variable 43</b> | <b>EMS ARRIVAL - MINUTE</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                    |                             | <b>Dec: None</b> | <b>Miss: 99</b>      |

---

| N   | Prcnt | Code | Value and Description       |
|-----|-------|------|-----------------------------|
| 9   | 3.0   | 0    | Not notified or on hour     |
| 1   | 0.3   | 1    |                             |
|     |       | -    | Minute                      |
| 4   | 1.3   | 59   |                             |
| 0   | 0.0   | 98   | Unknown whether transported |
| 137 | 46.0  | 99   | Unknown                     |

---

|                    |                           |                  |                      |
|--------------------|---------------------------|------------------|----------------------|
| <b>Variable 46</b> | <b>SCHOOL BUS RELATED</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                    |                           | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

Identifies accidents in which a school bus was directly or indirectly involved, such as an accident involving children alighting from a school bus. The school bus does not have to be a traffic unit in the accident.

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 189 | 63.4  | 0    | No                    |
| 109 | 36.6  | 1    | Yes                   |

---

|                    |                               |                  |                         |
|--------------------|-------------------------------|------------------|-------------------------|
| <b>Variable 48</b> | <b>RAIL GRADE CROSSING ID</b> | <b>Width: 7</b>  | <b>Type: Alphabetic</b> |
|                    |                               | <b>Dec: None</b> | <b>Miss: None</b>       |

---

RAIL GRADE CROSSING ID - FRA CODE

| N   | Prcnt | Code    | Value and Description |
|-----|-------|---------|-----------------------|
| 298 | 100.0 | 0000000 | Not Applicable        |

---

|             |                          |           |               |
|-------------|--------------------------|-----------|---------------|
| Variable 49 | NUMBER FATALITIES IN ACC | Width: 2  | Type: Numeric |
|             |                          | Dec: None | Miss: None    |

---

NUMBER OF FATALITIES IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 0   | 0.0   | 0    | 0 killed              |
| 268 | 89.9  | 1    | 1 killed              |
| 16  | 5.4   | 2    | 2 killed              |
| 7   | 2.3   | 3    | 3 killed              |
| 1   | 0.3   | 4    | 4 killed              |
| 3   | 1.0   | 5    | 5 killed              |
| 2   | 0.7   | 6    | 6 killed              |
| 1   | 0.3   | 7    | 7 killed              |

---

|             |             |           |               |
|-------------|-------------|-----------|---------------|
| Variable 50 | DAY OF WEEK | Width: 1  | Type: Numeric |
|             |             | Dec: None | Miss: 9       |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 17 | 5.7   | 1    | Sunday                |
| 50 | 16.8  | 2    | Monday                |
| 45 | 15.1  | 3    | Tuesday               |
| 52 | 17.4  | 4    | Wednesday             |
| 47 | 15.8  | 5    | Thursday              |
| 58 | 19.5  | 6    | Friday                |
| 29 | 9.7   | 7    | Saturday              |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 51 | NUMBER DRINKING DRIVERS | Width: 1  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 258 | 86.6  | 0    | 0 drivers             |
| 36  | 12.1  | 1    | 1 drivers             |
| 2   | 0.7   | 2    | 2 drivers             |
| 1   | 0.3   | 3    | 3 drivers             |
| 1   | 0.3   | 4    | 4 drivers             |

---

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 52 | ACCIDENT DATE - JULIAN | Width: 5  | Type: Numeric |
|             |                        | Dec: None | Miss: 0       |

---

The Julian date from March 1, 1900

| N | Prcnt | Code  | Value and Description |
|---|-------|-------|-----------------------|
| 0 | 0.0   | 0     | Missing data          |
| 1 | 0.3   | 37198 | January 2, 2002       |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

## Variable 52: ACCIDENT DATE - JULIAN (Continued)

| N | Prcnt | Code  | Value and Description |
|---|-------|-------|-----------------------|
| 1 | 0.3   | 37558 | December 28, 2002     |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 53 | NUMBER UNINJURED IN ACC | Width: 2  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

## NUMBER OF UNINJURED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 81  | 27.2  | 0    | 0 uninjured           |
| 190 | 63.8  | 1    | 1 uninjured           |
| 15  | 5.0   | 2    | 2 uninjured           |
| 8   | 2.7   | 3    | 3 uninjured           |
| 3   | 1.0   | 4    | 4 uninjured           |
| 1   | 0.3   | 10   | 10 uninjured          |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 54 | NUMBER C-INJURED IN ACC | Width: 2  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

## NUMBER OF C-INJURED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 194 | 65.1  | 0    | 0 C-injured           |
| 54  | 18.1  | 1    | 1 C-injured           |
| 13  | 4.4   | 2    | 2 C-injured           |
| 5   | 1.7   | 3    | 3 C-injured           |
| 2   | 0.7   | 4    | 4 C-injured           |
| 6   | 2.0   | 5    | 5 C-injured           |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 55 | NUMBER B-INJURED IN ACC | Width: 2  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

## NUMBER OF B-INJURED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 226 | 75.8  | 0    | 0 B-injured           |
| 30  | 10.1  | 1    | 1 B-injured           |
| 13  | 4.4   | 2    | 2 B-injured           |
| 6   | 2.0   | 3    | 3 B-injured           |
| 2   | 0.7   | 4    | 4 B-injured           |
| 3   | 1.0   | 5    | 5 B-injured           |
| 1   | 0.3   | 6    | 6 B-injured           |
| 1   | 0.3   | 7    | 7 B-injured           |
| 4   | 1.3   | 8    | 8 B-injured           |

Variable 55:NUMBER B-INJURED IN ACC (Continued)

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 3 | 1.0   | 10   | 10 B-injured          |
| 1 | 0.3   | 11   | 11 B-injured          |
| 1 | 0.3   | 14   | 14 B-injured          |
| 1 | 0.3   | 17   | 17 B-injured          |
| 1 | 0.3   | 19   | 19 B-injured          |
| 1 | 0.3   | 20   | 20 B-injured          |
| 1 | 0.3   | 25   | 25 B-injured          |
| 1 | 0.3   | 26   | 26 B-injured          |
| 1 | 0.3   | 31   | 31 B-injured          |
| 1 | 0.3   | 50   | 50 B-injured          |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 56 | NUMBER A-INJURED IN ACC | Width: 2  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

NUMBER OF A-INJURED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 238 | 79.9  | 0    | 0 A-injured           |
| 35  | 11.7  | 1    | 1 A-injured           |
| 9   | 3.0   | 2    | 2 A-injured           |
| 5   | 1.7   | 3    | 3 A-injured           |
| 3   | 1.0   | 4    | 4 A-injured           |
| 2   | 0.7   | 8    | 8 A-injured           |
| 1   | 0.3   | 9    | 9 A-injured           |
| 1   | 0.3   | 13   | 13 A-injured          |
| 1   | 0.3   | 15   | 15 A-injured          |
| 1   | 0.3   | 17   | 17 A-injured          |
| 2   | 0.7   | 33   | 33 A-injured          |

---

|             |                         |           |               |
|-------------|-------------------------|-----------|---------------|
| Variable 57 | NUMBER K-INJURED IN ACC | Width: 2  | Type: Numeric |
|             |                         | Dec: None | Miss: None    |

---

NUMBER OF K-INJURED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 268 | 89.9  | 1    | 1 killed              |
| 16  | 5.4   | 2    | 2 killed              |
| 7   | 2.3   | 3    | 3 killed              |
| 1   | 0.3   | 4    | 4 killed              |
| 3   | 1.0   | 5    | 5 killed              |
| 2   | 0.7   | 6    | 6 killed              |
| 1   | 0.3   | 7    | 7 killed              |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 58 | NUM UNK INJURED IN ACC | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: None    |

NUMBER UNKNOWN INJURED IN ACCIDENT

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 294 | 98.7  | 0    | 0 unknown injured     |
| 3   | 1.0   | 1    | 1 unknown injured     |
| 1   | 0.3   | 2    | 2 unknown injured     |

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 59 | ACC RELATED FACTORS #1 | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: 99      |

FACTORS AT ACCIDENT LEVEL - RESPONSE #1

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|---|
| 282 | 94.6  | 0    | None  |
| 0   | 0.0   | 1    | Inadequate warning of exits, lanes narrowing, traffic controls, etc.                                    |
| 0   | 0.0   | 2    | Shoulder related  |
| 2   | 0.7   | 3    | Other construction created condition  |
| 0   | 0.0   | 4    | No (or obscured) pavement marking   |
| 0   | 0.0   | 5    | Surface under water   |
| 0   | 0.0   | 6    | Inadequate construction or poor design of roadway, bridge, etc.   |
| 1   | 0.3   | 7    | Surface washed out (caved in, road slippage)  |
|     |       |      | <b>Special circumstances</b>  |
| 1   | 0.3   | 14   | Motor vehicle in transport struck by falling cargo, or something that was set in motion by a vehicle    |
| 0   | 0.0   | 15   | Nonoccupant struck by falling cargo or something that came loose from or was set in motion by a vehicle |
| 5   | 1.7   | 16   | Nonoccupant struck vehicle  |
| 0   | 0.0   | 17   | Vehicle set in motion by nondriver  |
| 0   | 0.0   | 18   | Date of accident and date of EMS notification were not the same day                                     |
| 4   | 1.3   | 19   | Recent previous accident scene nearby.  |
| 0   | 0.0   | 20   | Police pursuit involved   |
| 0   | 0.0   | 21   | Within designated school zone   |
| 2   | 0.7   | 22   | Speed Limit is a Satutory Limit as recorded or was determined as, This State's "Basic Rule"             |
| 1   | 0.3   | 99   | Unknown   |

---

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 60 | ACC RELATED FACTORS #2 | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: 99      |

---

FACTORS AT ACCIDENT LEVEL - RESPONSE #2

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|--|
| 295 | 99.0  | 0    | None   |
|     |       |      | Special circumstances  |
| 2   | 0.7   | 14   | Motor vehicle in transport struck by falling cargo, or something that was set in motion by a vehicle |
| 1   | 0.3   | 99   | Unknown  |

---

|             |                        |           |               |
|-------------|------------------------|-----------|---------------|
| Variable 61 | ACC RELATED FACTORS #3 | Width: 2  | Type: Numeric |
|             |                        | Dec: None | Miss: 99      |

---

FACTORS AT ACCIDENT LEVEL - RESPONSE #3

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 297 | 99.7  | 0    | None                  |
| 1   | 0.3   | 99   | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS ACCIDENT VARIABLES

The VEHICLE Variables

Variables 104 through 172 describe the vehicle involved in the accident (i.e., the Bus).

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|              |                |           |               |
|--------------|----------------|-----------|---------------|
| Variable 104 | VEHICLE NUMBER | Width: 2  | Type: Numeric |
|              |                | Dec: None | Miss: 0       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 164 | 55.0  | 1    | Vehicle #1            |
| 117 | 39.3  | 2    | Vehicle #2            |
| 15  | 5.0   | 3    | Vehicle #3            |
| 1   | 0.3   | 4    | Vehicle #4            |
| 1   | 0.3   | 12   | Vehicle #12           |

---

|              |                     |           |               |
|--------------|---------------------|-----------|---------------|
| Variable 107 | NUMBER OF OCCUPANTS | Width: 2  | Type: Numeric |
|              |                     | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description           |
|-----|-------|------|---------------------------------|
| 1   | 0.3   | 0    | 0 occupants                     |
| 177 | 59.4  | 1    | 1 occupant                      |
| 33  | 11.1  | 2    | 2 occupants                     |
| 8   | 2.7   | 3    | 3 occupants                     |
| 8   | 2.7   | 4    | 4 occupants                     |
| 1   | 0.3   | 5    | 5 occupants                     |
| 11  | 3.7   | 6    | 6 occupants                     |
| 1   | 0.3   | 8    | 8 occupants                     |
| 2   | 0.7   | 9    | 9 occupants                     |
| 4   | 1.3   | 10   | 10 occupants                    |
| 3   | 1.0   | 11   | 11 occupants                    |
| 2   | 0.7   | 13   | 13 occupants                    |
| 1   | 0.3   | 15   | 15 occupants                    |
| 1   | 0.3   | 16   | 16 occupants                    |
| 1   | 0.3   | 18   | 18 occupants                    |
| 1   | 0.3   | 19   | 19 occupants                    |
| 2   | 0.7   | 20   | 20 occupants                    |
| 1   | 0.3   | 22   | 22 occupants                    |
| 1   | 0.3   | 23   | 23 occupants                    |
| 2   | 0.7   | 27   | 27 occupants                    |
| 1   | 0.3   | 30   | 30 occupants                    |
| 1   | 0.3   | 31   | 31 occupants                    |
| 1   | 0.3   | 32   | 32 occupants                    |
| 1   | 0.3   | 34   | 34 occupants                    |
| 1   | 0.3   | 41   | 41 occupants                    |
| 1   | 0.3   | 43   | 43 occupants                    |
| 1   | 0.3   | 48   | 48 occupants                    |
| 1   | 0.3   | 55   | 55 occupants                    |
| 27  | 9.1   | 97   | Unknown - only injured reported |
| 2   | 0.7   | 99   | Unknown                         |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

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|              |                     |           |               |
|--------------|---------------------|-----------|---------------|
| Variable 108 | <u>VEHICLE MAKE</u> | Width: 2  | Type: Numeric |
|              |                     | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 4  | 1.3   | 7    | Dodge                 |
| 32 | 10.7  | 12   | Ford                  |
| 12 | 4.0   | 20   | Chevrolet             |
| 13 | 4.4   | 23   | GMC                   |
| 4  | 1.3   | 82   | Freightliner          |
| 60 | 20.1  | 84   | International         |
| 16 | 5.4   | 90   | Bluebird              |
| 16 | 5.4   | 92   | Gillig                |
| 29 | 9.7   | 93   | MCI                   |
| 13 | 4.4   | 94   | Thomas Built          |
| 89 | 29.9  | 98   | Other make            |
| 10 | 3.4   | 99   | Unknown               |

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|              |                           |           |               |
|--------------|---------------------------|-----------|---------------|
| Variable 109 | <u>VEHICLE MAKE-MODEL</u> | Width: 5  | Type: Numeric |
|              |                           | Dec: None | Miss: 99999   |

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| N  | Prcnt | Code  | Value and Description                     |
|----|-------|-------|---|
| 4  | 1.3   | 7461  | Dodge B-series Van                        |
| 16 | 5.4   | 12461 | Ford E-series Van                         |
| 1  | 0.3   | 12881 | Ford Med/Hvy CBE                          |
| 12 | 4.0   | 12981 | Ford Conventional Bus                     |
| 3  | 1.0   | 12988 | Ford Other Bus                            |
| 5  | 1.7   | 20461 | Chevrolet G-series Van                    |
| 1  | 0.3   | 20470 | Chevrolet Van Derivative                  |
| 6  | 2.0   | 20981 | Chevrolet Conventional Bus                |
| 5  | 1.7   | 23461 | GMC G-series Van                          |
| 8  | 2.7   | 23981 | GMC Conventional Bus                      |
| 4  | 1.3   | 82981 | Freightliner Conventional Bus             |
| 1  | 0.3   | 84884 | International Med/Hvy Unk engine location |
| 58 | 19.5  | 84981 | International Conventional Bus            |
| 1  | 0.3   | 84988 | International Other Bus                   |
| 11 | 3.7   | 90981 | BLUE Conventional bus                     |
| 4  | 1.3   | 90982 | BLUE Bus front eng                        |
| 1  | 0.3   | 90999 | BLUE Bus Unknown                          |
| 10 | 3.4   | 92981 | GILL Conventional Bus                     |
| 1  | 0.3   | 92982 | GILL Bus front eng                        |
| 3  | 1.0   | 92983 | GILL Bus rear eng                         |
| 2  | 0.7   | 92988 | GILL Other bus                            |
| 26 | 8.7   | 93981 | MCI Conventional Bus                      |
| 3  | 1.0   | 93988 | MCI Other bus                             |
| 9  | 3.0   | 94981 | THOM Conventional bus                     |
| 1  | 0.3   | 94982 | THOM Bus front eng                        |
| 3  | 1.0   | 94988 | THOM Other bus                            |
| 1  | 0.3   | 98884 | Other Make Med/Hvy Unk engine location    |
| 6  | 2.0   | 98902 | Other Make NEOPLAN Bus                    |
| 6  | 2.0   | 98907 | Orion                                     |
| 4  | 1.3   | 98908 | Van Hool                                  |
| 43 | 14.4  | 98981 | Other Make Conventional Bus               |

Variable 109:VEHICLE MAKE-MODEL (Continued)

| N  | Prcnt | Code  | Value and Description         |
|----|-------|-------|-------------------------------|
| 1  | 0.3   | 98982 | Other Make Bus front engine   |
| 5  | 1.7   | 98983 | Other Make Bus rear engine    |
| 23 | 7.7   | 98988 | Other Make Other Bus          |
| 2  | 0.7   | 99981 | Unknown Make Conventional Bus |
| 2  | 0.7   | 99988 | Unknown Make Other Bus        |
| 3  | 1.0   | 99989 | Unknown Make Unknown Bus      |
| 3  | 1.0   | 99999 | Unknown Make Unknown Vehicle  |

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|              |           |           |               |
|--------------|-----------|-----------|---------------|
| Variable 110 | BODY TYPE | Width: 2  | Type: Numeric |
|              |           | Dec: None | Miss: 99      |

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| N  | Prcnt | Code | Value and Description                      |
|----|-------|------|--|
|    |       |      | Van-based Light Trucks, GVWR < 10,000 lbs. |
| 9  | 3.0   | 21   | Large Van (excludes moving van)            |
| 1  | 0.3   | 22   | Step Van or walk-in van                    |
| 13 | 4.4   | 24   | Van based School Bus                       |
| 7  | 2.3   | 25   | Van based Transit Bus                      |
| 1  | 0.3   | 28   | Other Van type                             |
|    |       |      | Buses (Excludes Van Based)                 |
| 94 | 31.5  | 50   | School Bus                                 |
| 34 | 11.4  | 51   | X-country/Intercity                        |
| 97 | 32.6  | 52   | Transit Bus                                |
| 25 | 8.4   | 58   | Other Bus type                             |
| 14 | 4.7   | 59   | Unknown Bus type                           |
| 1  | 0.3   | 66   | Truck/Tractor                              |
| 2  | 0.7   | 78   | Unknown Med/Hvy truck type                 |

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

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| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 2  | 0.7   | 1976 | 1976                  |
|    |       | -    | Actual model year     |
| 4  | 1.3   | 1981 | 1981                  |
| 4  | 1.3   | 1982 | 1982                  |
| 2  | 0.7   | 1983 | 1983                  |
| 2  | 0.7   | 1984 | 1984                  |
| 7  | 2.3   | 1985 | 1985                  |
| 7  | 2.3   | 1986 | 1986                  |
| 5  | 1.7   | 1987 | 1987                  |
| 4  | 1.3   | 1988 | 1988                  |
| 11 | 3.7   | 1989 | 1989                  |
| 10 | 3.4   | 1990 | 1990                  |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

## Variable 111:MODEL YEAR (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 9  | 3.0   | 1991 | 1991                  |
| 9  | 3.0   | 1992 | 1992                  |
| 10 | 3.4   | 1993 | 1993                  |
| 12 | 4.0   | 1994 | 1994                  |
| 19 | 6.4   | 1995 | 1995                  |
| 25 | 8.4   | 1996 | 1996                  |
| 23 | 7.7   | 1997 | 1997                  |
| 24 | 8.1   | 1998 | 1998                  |
| 34 | 11.4  | 1999 | 1999                  |
| 29 | 9.7   | 2000 | 2000                  |
| 29 | 9.7   | 2001 | 2001                  |
| 12 | 4.0   | 2002 | 2002                  |
| 2  | 0.7   | 9999 | Unknown               |

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|              |     |           |                  |
|--------------|-----|-----------|------------------|
| Variable 112 | VIN | Width: 12 | Type: Alphabetic |
|              |     | Dec: None | Miss: None       |

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VEHICLE ID NUMBER - 1ST 12 POSITIONS

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

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| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 31 | 10.4  | 0    | Not applicable        |
| 2  | 0.7   | 1    | Alabama               |
| 0  | 0.0   | 2    | Alaska                |
| 7  | 2.3   | 4    | Arizona               |
| 1  | 0.3   | 5    | Arkansas              |
| 7  | 2.3   | 6    | California            |
| 4  | 1.3   | 8    | Colorado              |
| 4  | 1.3   | 9    | Connecticut           |
| 1  | 0.3   | 10   | Delaware              |
| 0  | 0.0   | 11   | District of Columbia  |
| 23 | 7.7   | 12   | Florida               |
| 5  | 1.7   | 13   | Georgia               |
| 5  | 1.7   | 15   | Hawaii                |
| 2  | 0.7   | 16   | Idaho                 |
| 7  | 2.3   | 17   | Illinois              |
| 1  | 0.3   | 18   | Indiana               |
| 3  | 1.0   | 19   | Iowa                  |
| 1  | 0.3   | 20   | Kansas                |
| 5  | 1.7   | 21   | Kentucky              |
| 3  | 1.0   | 22   | Louisiana             |
| 0  | 0.0   | 23   | Maine                 |
| 5  | 1.7   | 24   | Maryland              |
| 6  | 2.0   | 25   | Massachusetts         |
| 11 | 3.7   | 26   | Michigan              |

Variable 123:REGISTRATION STATE (Continued)

| N  | Prcnt | Code | Value and Description                      |
|----|-------|------|--|
| 4  | 1.3   | 27   | Minnesota                                  |
| 0  | 0.0   | 28   | Mississippi                                |
| 6  | 2.0   | 29   | Missouri                                   |
| 1  | 0.3   | 30   | Montana                                    |
| 1  | 0.3   | 31   | Nebraska                                   |
| 4  | 1.3   | 32   | Nevada                                     |
| 0  | 0.0   | 33   | New Hampshire                              |
| 12 | 4.0   | 34   | New Jersey                                 |
| 4  | 1.3   | 35   | New Mexico                                 |
| 24 | 8.1   | 36   | New York                                   |
| 7  | 2.3   | 37   | North Carolina                             |
| 1  | 0.3   | 38   | North Dakota                               |
| 9  | 3.0   | 39   | Ohio                                       |
| 4  | 1.3   | 40   | Oklahoma                                   |
| 2  | 0.7   | 41   | Oregon                                     |
| 16 | 5.4   | 42   | Pennsylvania                               |
| 0  | 0.0   | 43   | Puerto Rico                                |
| 2  | 0.7   | 44   | Rhode Island                               |
| 5  | 1.7   | 45   | South Carolina                             |
| 0  | 0.0   | 46   | South Dakota                               |
| 2  | 0.7   | 47   | Tennessee                                  |
| 19 | 6.4   | 48   | Texas                                      |
| 2  | 0.7   | 49   | Utah                                       |
| 1  | 0.3   | 50   | Vermont                                    |
| 6  | 2.0   | 51   | Virginia                                   |
| 1  | 0.3   | 53   | Washington                                 |
| 3  | 1.0   | 54   | West Virginia                              |
| 5  | 1.7   | 55   | Wisconsin                                  |
| 0  | 0.0   | 56   | Wyoming                                    |
| 8  | 2.7   | 92   | No registration                            |
| 14 | 4.7   | 93   | Multiple state registration - in state     |
| 0  | 0.0   | 94   | Multiple state registration - out-of-state |
| 0  | 0.0   | 95   | U.S. government tags                       |
| 1  | 0.3   | 96   | Military vehicle                           |
| 0  | 0.0   | 97   | Foreign country                            |
| 0  | 0.0   | 98   | Other registration                         |
| 0  | 0.0   | 99   | Unknown                                    |

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

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| N   | Prcnt | Code | Value and Description                                     |
|-----|-------|------|---|
| 39  | 13.1  | 0    | N/A, Vehicle Not Registered                               |
| 10  | 3.4   | 1    | Driver was Registered Owner                               |
| 10  | 3.4   | 2    | Driver Not Registered Owner (other private owner listed)  |
| 236 | 79.2  | 3    | Vehicle registered as Business/Company/Government vehicle |
| 1   | 0.3   | 4    | Vehicle registered as Rental vehicle                      |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

## Variable 124: REGISTERED VEHICLE OWNER (Continued)

| N | Prcnt | Code | Value and Description                   |
|---|-------|------|---|
| 0 | 0.0   | 5    | Vehicle was Stolen (reported by police) |
| 1 | 0.3   | 6    | Driverless Vehicle                      |
| 1 | 0.3   | 9    | Unknown                                 |

---

|              |          |           |               |
|--------------|----------|-----------|---------------|
| Variable 125 | ROLLOVER | Width: 1  | Type: Numeric |
|              |          | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 284 | 95.3  | 0    | No rollover           |
| 1   | 0.3   | 1    | First event           |
| 13  | 4.4   | 2    | Subsequent event      |

---

|              |           |           |               |
|--------------|-----------|-----------|---------------|
| Variable 126 | JACKKNIFE | Width: 1  | Type: Numeric |
|              |           | Dec: None | Miss: 9       |

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Identifies the loss of control of a truck in motion where the trailer yaws more than 15 degrees from its normal straight line path behind the cab.

| N   | Prcnt | Code | Value and Description      |
|-----|-------|------|----------------------------|
| 297 | 99.7  | 0    | Not an articulated vehicle |
| 1   | 0.3   | 1    | No                         |
| 0   | 0.0   | 2    | First event                |
| 0   | 0.0   | 3    | Subsequent event           |

---

|              |              |           |               |
|--------------|--------------|-----------|---------------|
| Variable 127 | TRAVEL SPEED | Width: 2  | Type: Numeric |
|              |              | Dec: None | Miss: 99      |

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| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 29 | 9.7   | 0    | Stopped vehicle       |
|    |       | -    | Actual miles per hour |
| 0  | 0.0   | 93   |                       |
| 95 | 31.9  | 98   | Not reported          |
| 76 | 25.5  | 99   | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS VEHICLE VARIABLES

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Variable 128      HAZARDOUS CARGO      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

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| N   | Prcnt | Code | Value and Description     |
|-----|-------|------|---------------------------|
| 297 | 99.7  | 0    | No                        |
| 0   | 0.0   | 1    | Yes, Placarded            |
| 0   | 0.0   | 2    | Yes, Not Placarded        |
| 0   | 0.0   | 3    | Yes, Unknown if Placarded |
| 1   | 0.3   | 9    | Unknown                   |

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Variable 129      VEHICLE TRAILERING      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

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Trailing unit applies to any device connected to a motor vehicle by a hitch, including tractor-trailer combinations, boat hitched onto a motor vehicle, etc. This does not include towed vehicles, such as a tow truck pulling a vehicle.

| N   | Prcnt | Code | Value and Description                 |
|-----|-------|------|---------------------------------------|
| 292 | 98.0  | 0    | No                                    |
| 3   | 1.0   | 1    | Yes, one trailing unit                |
| 0   | 0.0   | 2    | Yes, two trailing units               |
| 1   | 0.3   | 3    | Yes, three or more trailing units     |
| 0   | 0.0   | 4    | Yes, number of trailing units unknown |
| 2   | 0.7   | 9    | Unknown                               |

---

Variable 130      VEHICLE CONFIGURATION      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

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| N   | Prcnt | Code | Value and Description                                       |
|-----|-------|------|---|
| 13  | 4.4   | 0    | Not Applicable, not a med/heavy truck or bus                |
| 0   | 0.0   | 1    | Single Unit Truck (SUT): 2 axles, 6 tires                   |
| 0   | 0.0   | 2    | SUT: 3 or more axles  |
| 0   | 0.0   | 3    | SUT: Unk axles and tires                                    |
| 0   | 0.0   | 4    | Truck/Trailer(s)  |
| 0   | 0.0   | 5    | Tractor Tractor (bobtail)                                   |
| 0   | 0.0   | 6    | Tractor/Semitrailer   |
| 0   | 0.0   | 7    | Tractor/Doubles (two trailers)                              |
| 0   | 0.0   | 8    | Tractor/Triples (three trailers)                            |
| 3   | 1.0   | 19   | Medium/Heavy Truck, cannot classify                         |
| 14  | 4.7   | 20   | Bus (seats for 9-15 people, including driver)               |
| 265 | 88.9  | 21   | Bus (seats for more than 15 people, including driver)       |
| 0   | 0.0   | 70   | Light Truck (displaying hazardous materials placard)        |
| 0   | 0.0   | 80   | Passenger Car (when displaying hazardous materials placard) |
| 3   | 1.0   | 99   | Unknown if light or med/heavy truck or bus                  |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

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|                     |                        |           |               |
|---------------------|------------------------|-----------|---------------|
| <u>Variable 131</u> | <u>NUMBER OF AXLES</u> | Width: 2  | Type: Numeric |
|                     |                        | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description                        |
|-----|-------|------|--|
| 14  | 4.7   | 0    | Not Applicable, not a med/heavy truck or bus |
| 148 | 49.7  | 2    | 2 axles                                      |
| 54  | 18.1  | 3    | 3 axles                                      |
| 80  | 26.8  | 98   | Medium/Heavy Truck or Bus, no. of axles unk  |
| 2   | 0.7   | 99   | Unknown if light or med/heavy truck or bus   |

---

|                     |                        |           |               |
|---------------------|------------------------|-----------|---------------|
| <u>Variable 132</u> | <u>CARGO BODY TYPE</u> | Width: 2  | Type: Numeric |
|                     |                        | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description                        |
|-----|-------|------|--|
| 13  | 4.4   | 0    | Not Applicable, not a med/heavy truck or bus |
| 0   | 0.0   | 1    | Van/Enclosed Box                             |
| 0   | 0.0   | 2    | Cargo Tank                                   |
| 0   | 0.0   | 3    | Flatbed                                      |
| 0   | 0.0   | 4    | Dump   |
| 0   | 0.0   | 5    | Concrete Mixer                               |
| 0   | 0.0   | 6    | Auto Transporter                             |
| 0   | 0.0   | 7    | Garbage/Refuse                               |
| 14  | 4.7   | 20   | Bus (Seats 9-15 people inc. driver)          |
| 266 | 89.3  | 21   | Bus (Seats more than 15, inc. driver)        |
| 1   | 0.3   | 97   | Medium/Heavy Truck, Oth Cargo Body Type      |
| 3   | 1.0   | 98   | Medium/Heavy Truck, Unk Cargo Body Type      |
| 1   | 0.3   | 99   | Unknown if light or med/heavy truck or bus   |

---

|                     |                    |           |               |
|---------------------|--------------------|-----------|---------------|
| <u>Variable 133</u> | <u>SPECIAL USE</u> | Width: 1  | Type: Numeric |
|                     |                    | Dec: None | Miss: 9       |

---

Indicates that the vehicle was used for a function other than the primary function for which it was designed.

| N   | Prcnt | Code | Value and Description      |
|-----|-------|------|----------------------------|
| 274 | 91.9  | 0    | No special use             |
| 0   | 0.0   | 1    | Taxi                       |
| 9   | 3.0   | 2    | Vehicle used as school bus |
| 13  | 4.4   | 3    | Vehicle used as other bus  |
| 1   | 0.3   | 4    | Military                   |
| 0   | 0.0   | 5    | Police                     |
| 0   | 0.0   | 6    | Ambulance                  |
| 0   | 0.0   | 7    | Firetruck                  |
| 1   | 0.3   | 9    | Unknown                    |

---

Variable 134      EMERGENCY USE      Width: 1      Type: Numeric  
 Dec:    None      Miss: None

Refers to a vehicle traveling with physical emergency signals in use, such as red light blinking, siren sounding, etc.

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 297 | 99.7  | 0    | No                    |
| 1   | 0.3   | 1    | Yes                   |

---

Variable 135      IMPACT POINT - INITIAL      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 3   | 1.0   | 0    | Noncollision          |
| 5   | 1.7   | 1    | 1 o'clock             |
| 4   | 1.3   | 2    | 2 o'clock             |
| 11  | 3.7   | 3    | 3 o'clock             |
| 7   | 2.3   | 4    | 4 o'clock             |
| 6   | 2.0   | 5    | 5 o'clock             |
| 30  | 10.1  | 6    | 6 o'clock             |
| 7   | 2.3   | 7    | 7 o'clock             |
| 7   | 2.3   | 8    | 8 o'clock             |
| 11  | 3.7   | 9    | 9 o'clock             |
| 2   | 0.7   | 10   | 10 o'clock            |
| 18  | 6.0   | 11   | 11 o'clock            |
| 168 | 56.4  | 12   | 12 o'clock            |
| 1   | 0.3   | 13   | Top                   |
| 10  | 3.4   | 14   | Undercarriage         |
| 8   | 2.7   | 99   | Unknown               |

---

Variable 136      IMPACT POINT - PRINCIPAL      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 3   | 1.0   | 0    | Noncollision          |
| 7   | 2.3   | 1    | 1 o'clock             |
| 3   | 1.0   | 2    | 2 o'clock             |
| 11  | 3.7   | 3    | 3 o'clock             |
| 6   | 2.0   | 4    | 4 o'clock             |
| 5   | 1.7   | 5    | 5 o'clock             |
| 29  | 9.7   | 6    | 6 o'clock             |
| 7   | 2.3   | 7    | 7 o'clock             |
| 6   | 2.0   | 8    | 8 o'clock             |
| 12  | 4.0   | 9    | 9 o'clock             |
| 3   | 1.0   | 10   | 10 o'clock            |
| 20  | 6.7   | 11   | 11 o'clock            |
| 161 | 54.0  | 12   | 12 o'clock            |
| 2   | 0.7   | 13   | Top                   |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

## Variable 136: IMPACT POINT - PRINCIPAL (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 15 | 5.0   | 14   | Undercarriage         |
| 8  | 2.7   | 99   | Unknown               |

---

|              |                       |           |               |
|--------------|-----------------------|-----------|---------------|
| Variable 137 | EXTENT OF DEFORMATION | Width: 1  | Type: Numeric |
|              |                       | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 58  | 19.5  | 0    | None                  |
| 49  | 16.4  | 2    | Other (minor)         |
| 77  | 25.8  | 4    | Functional (moderate) |
| 105 | 35.2  | 6    | Disabling (severe)    |
| 9   | 3.0   | 9    | Unknown               |

---

|              |              |           |               |
|--------------|--------------|-----------|---------------|
| Variable 138 | VEHICLE ROLE | Width: 1  | Type: Numeric |
|              |              | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 3   | 1.0   | 0    | Noncollision          |
| 180 | 60.4  | 1    | Striking              |
| 103 | 34.6  | 2    | Struck                |
| 12  | 4.0   | 3    | Both                  |
| 0   | 0.0   | 9    | Unknown               |

---

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 139 | MANNER OF LEAVING SCENE | Width: 1  | Type: Numeric |
|              |                         | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|-------------------------|
| 103 | 34.6  | 1    | Driven                  |
| 177 | 59.4  | 2    | Towed away              |
| 0   | 0.0   | 3    | Abandoned/Left at Scene |
| 18  | 6.0   | 9    | Unknown                 |

---

|              |                 |           |               |
|--------------|-----------------|-----------|---------------|
| Variable 140 | FIRE OCCURRENCE | Width: 1  | Type: Numeric |
|              |                 | Dec: None | Miss: None    |

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| N   | Prcnt | Code | Value and Description                    |
|-----|-------|------|--|
| 294 | 98.7  | 0    | No fire                                  |
| 4   | 1.3   | 1    | Fire occurred in vehicle during accident |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS VEHICLE VARIABLES

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Variable 142      VEHICLE MANEUVER      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

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| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|---|
| 175 | 58.7  | 1    | Going straight  |
| 5   | 1.7   | 2    | Slowing or stopping in traffic lane                                       |
| 7   | 2.3   | 3    | Starting in traffic lane  |
| 29  | 9.7   | 4    | Stopped in traffic lane   |
| 1   | 0.3   | 5    | Passing or overtaking another vehicle                                     |
| 2   | 0.7   | 6    | Leaving a parked position   |
| 0   | 0.0   | 7    | Parked  |
| 0   | 0.0   | 8    | Entering a parked position  |
| 5   | 1.7   | 9    | Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc. |
| 4   | 1.3   | 10   | Turning right: Right Turn On Red (RTOR) permitted                         |
| 0   | 0.0   | 11   | Turning right: RTOR not permitted   |
| 11  | 3.7   | 12   | Turning right: RTOR not known if permitted or n/a                         |
| 44  | 14.8  | 13   | Turning left  |
| 1   | 0.3   | 14   | Making a U-turn   |
| 1   | 0.3   | 15   | Backing up (other than for parking purposes)                              |
| 1   | 0.3   | 16   | Changing lanes or merging   |
| 10  | 3.4   | 17   | Negotiating a curve   |
| 0   | 0.0   | 98   | Other   |
| 2   | 0.7   | 99   | Unknown   |

---

Variable 143      CRASH AVOIDANCE MANUEVER      Width: 1      Type: Numeric  
 Dec:    None      Miss: None

---

| N   | Prcnt | Code | Value and Description                 |
|-----|-------|------|---------------------------------------|
| 137 | 46.0  | 0    | No Avoidance Maneuver Reported        |
| 16  | 5.4   | 1    | Braking (skidmarks evident)           |
| 9   | 3.0   | 2    | Braking (no skidmarks; driver stated) |
| 4   | 1.3   | 3    | Braking (other reported evidence)     |
| 12  | 4.0   | 4    | Steering (evidence or stated)         |
| 11  | 3.7   | 5    | Steer & Braking (evidence or stated)  |
| 1   | 0.3   | 6    | Other Avoidance Maneuver              |
| 108 | 36.2  | 8    | Not Reported (by Police)              |

---

Variable 144      MOST HARMFUL EVENT      Width: 2      Type: Numeric  
 Dec:    None      Miss: 99

---

MOST HARMFUL EVENT

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 8 | 2.7   | 1    | Overturn              |
| 1 | 0.3   | 2    | Fire/explosion        |
| 0 | 0.0   | 3    | Immersion             |
| 0 | 0.0   | 4    | Gas inhalation        |
| 1 | 0.3   | 5    | Fell from vehicle     |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

## Variable 144:MOST HARMFUL EVENT (Continued)

| N   | Prcnt | Code | Value and Description                                    |
|-----|-------|------|--|
| 0   | 0.0   | 6    | Injured in vehicle                                       |
| 2   | 0.7   | 7    | Other noncollision                                       |
| 78  | 26.2  | 8    | Pedestrian   |
| 13  | 4.4   | 9    | Pedalcycle   |
| 0   | 0.0   | 10   | Railway train  |
| 0   | 0.0   | 11   | Animal   |
| 187 | 62.8  | 12   | Motor vehicle in transport                               |
| 0   | 0.0   | 13   | Motor vehicle in transport in other roadway              |
| 1   | 0.3   | 14   | Parked motor vehicle                                     |
| 1   | 0.3   | 15   | Other type nonmotorist                                   |
| 0   | 0.0   | 16   | Thrown or falling object                                 |
| 0   | 0.0   | 17   | Boulder  |
| 0   | 0.0   | 18   | Other object (not fixed)                                 |
| 0   | 0.0   | 19   | Building   |
| 0   | 0.0   | 20   | Impact attenuator/crash cushion                          |
| 1   | 0.3   | 21   | Bridge pier or abutment                                  |
| 0   | 0.0   | 22   | Bridge parapet end                                       |
| 0   | 0.0   | 23   | Bridge rail  |
| 1   | 0.3   | 24   | Guardrail  |
| 0   | 0.0   | 25   | Concrete traffic barrier                                 |
| 0   | 0.0   | 26   | Other longitudinal barrier type                          |
| 0   | 0.0   | 27   | Highway/traffic sign post                                |
| 0   | 0.0   | 28   | Overhead sign support                                    |
| 0   | 0.0   | 29   | Luminaire/light support                                  |
| 0   | 0.0   | 30   | Utility pole   |
| 0   | 0.0   | 31   | Other post, pole or supports                             |
| 0   | 0.0   | 32   | Culvert  |
| 0   | 0.0   | 33   | Curb   |
| 0   | 0.0   | 34   | Ditch  |
| 0   | 0.0   | 35   | Embankment - earth                                       |
| 0   | 0.0   | 36   | Embankment - rock, stone or concrete                     |
| 0   | 0.0   | 37   | Embankment - material type unknown                       |
| 0   | 0.0   | 38   | Fence  |
| 0   | 0.0   | 39   | Wall   |
| 0   | 0.0   | 40   | Fire hydrant   |
| 0   | 0.0   | 41   | Shrubbery  |
| 4   | 1.3   | 42   | Tree   |
| 0   | 0.0   | 43   | Other fixed object                                       |
| 0   | 0.0   | 44   | Pavement surface irregularity (pothole, grooved, grates) |
| 0   | 0.0   | 45   | Transport device used as equipment                       |
| 0   | 0.0   | 46   | Traffic signal support                                   |
| 0   | 0.0   | 47   | Vehicle Occupant Struck or Run Over by Own Vehicle       |
| 0   | 0.0   | 48   | Collision With Snow Bank                                 |
| 0   | 0.0   | 49   | Ridden Animal or Animal drawn conveyance                 |
| 0   | 0.0   | 99   | Unknown  |

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

Noncollision Event  
1 Overturn

Variable 144:MOST HARMFUL EVENT (Continued)

| N                               | Prcnt | Code | Value and Description                                    |
|---------------------------------|-------|------|--|
|                                 |       | 2    | Fire/explosion   |
|                                 |       | 3    | Immersion  |
|                                 |       | 4    | Gas inhalation   |
|                                 |       | 5    | Fell from vehicle  |
|                                 |       | 6    | Injured in vehicle                                       |
|                                 |       | 7    | Other noncollision                                       |
|                                 |       | 16   | Thrown or falling object                                 |
|                                 |       | 44   | Pavement surface irregularity (pothole, grooved, grates) |
|                                 |       | 47   | Vehicle Occupant Struck or Run Over by Own Vehicle       |
| Collision With Object Not Fixed |       |      |  |
|                                 |       | 8    | Pedestrian   |
|                                 |       | 9    | Pedalcycle   |
|                                 |       | 10   | Railway train  |
|                                 |       | 11   | Animal   |
|                                 |       | 12   | Motor vehicle in transport                               |
|                                 |       | 13   | Motor vehicle in transport in other roadway              |
|                                 |       | 14   | Parked motor vehicle                                     |
|                                 |       | 15   | Other type nonmotorist                                   |
|                                 |       | 18   | Other object (not fixed)                                 |
|                                 |       | 45   | Transport device used as equipment                       |
|                                 |       | 49   | Ridden animal or animal-drawn conveyance                 |
| Collision With Fixed Object     |       |      |  |
|                                 |       | 17   | Boulder  |
|                                 |       | 19   | Building   |
|                                 |       | 20   | Impact attenuator/crash cushion                          |
|                                 |       | 21   | Bridge pier or abutment                                  |
|                                 |       | 22   | Bridge parapet end                                       |
|                                 |       | 23   | Bridge rail  |
|                                 |       | 24   | Guardrail  |
|                                 |       | 25   | Concrete traffic barrier                                 |
|                                 |       | 26   | Other longitudinal barrier type                          |
|                                 |       | 27   | Highway/traffic sign post                                |
|                                 |       | 28   | Overhead sign support                                    |
|                                 |       | 29   | Luminaire/light support                                  |
|                                 |       | 30   | Utility pole   |
|                                 |       | 31   | Other post, pole or supports                             |
|                                 |       | 32   | Culvert  |
|                                 |       | 33   | Curb   |
|                                 |       | 34   | Ditch  |
|                                 |       | 35   | Embankment - earth                                       |
|                                 |       | 36   | Embankment - rock, stone or concrete                     |
|                                 |       | 37   | Embankment - material type unknown                       |
|                                 |       | 38   | Fence  |
|                                 |       | 39   | Wall   |
|                                 |       | 40   | Fire hydrant   |
|                                 |       | 41   | Shrubbery  |
|                                 |       | 42   | Tree   |
|                                 |       | 43   | Other fixed object                                       |
|                                 |       | 46   | Traffic signal support                                   |
|                                 |       | 48   | Collision With Snow Bank                                 |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 145 | NUMBER OF DEATHS IN VEH | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: None    |

NUMBER OF DEATHS IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 272 | 91.3  | 0    | 0 deaths              |
| 15  | 5.0   | 1    | 1 death               |
| 4   | 1.3   | 2    | 2 deaths              |
| 2   | 0.7   | 3    | 3 deaths              |
| 4   | 1.3   | 5    | 5 deaths              |
| 1   | 0.3   | 6    | 6 deaths              |

|              |                     |           |               |
|--------------|---------------------|-----------|---------------|
| Variable 151 | VIN TRUCK FUEL CODE | Width: 1  | Type: Numeric |
|              |                     | Dec: None | Miss: 8       |

| N   | Prcnt | Code | Value and Description      |
|-----|-------|------|----------------------------|
| 0   | 0.0   | 1    | (E) Electric operated      |
| 23  | 7.7   | 2    | (G) Gas                    |
| 100 | 33.6  | 3    | (D) Diesel                 |
| 1   | 0.3   | 4    | (P) Propane                |
| 3   | 1.0   | 7    | (*) Not available from VIN |
| 0   | 0.0   | 8    | (b) Unknown                |
| 171 | 57.4  | 9    | (9) No VIN information     |

|              |                       |           |               |
|--------------|-----------------------|-----------|---------------|
| Variable 152 | VIN TRUCK WEIGHT CODE | Width: 1  | Type: Numeric |
|              |                       | Dec: None | Miss: 9       |

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 6   | 2.0   | 0    | Value not returned    |
| 0   | 0.0   | 1    | 6,000 lbs. or less    |
| 19  | 6.4   | 2    | 6,001 - 10,000 lbs.   |
| 9   | 3.0   | 3    | 10,001 - 14,000 lbs.  |
| 8   | 2.7   | 4    | 14,001 - 16,000 lbs.  |
| 2   | 0.7   | 5    | 16,001 - 19,500 lbs.  |
| 19  | 6.4   | 6    | 19,501 - 26,000 lbs.  |
| 63  | 21.1  | 7    | 26,001 - 33,000 lbs.  |
| 1   | 0.3   | 8    | 33,001 lbs. or more   |
| 171 | 57.4  | 9    | Value not coded       |

|              |                  |           |                  |
|--------------|------------------|-----------|------------------|
| Variable 153 | VIN TRUCK SERIES | Width: 3  | Type: Alphabetic |
|              |                  | Dec: None | Miss: None       |

|              |               |           |               |
|--------------|---------------|-----------|---------------|
| Variable 155 | LENGTH OF VIN | Width: 2  | Type: Numeric |
|              |               | Dec: None | Miss: 99      |

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 0   | 0.0   | 0    | - Actual length       |
| 288 | 96.6  | 17   |                       |
| 0   | 0.0   | 99   | Unknown VIN length    |

Variables 156 through 161 are added by UMTRI to indicate the number of persons in the vehicle with injury severities of level zero through five, respectively, for occupant variable V329 (INJURY SEVERITY).

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 156 | NUMBER UNINJURED IN VEH | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: None    |

NO. UNINJURED IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 96  | 32.2  | 0    | 0 uninjured           |
| 199 | 66.8  | 1    | 1 uninjured           |
| 2   | 0.7   | 2    | 2 uninjured           |

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 157 | NUMBER C-INJURED IN VEH | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: None    |

NO. C-INJURED IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 210 | 70.5  | 0    | 0 C-injured           |
| 44  | 14.8  | 1    | 1 C-injured           |
| 10  | 3.4   | 2    | 2 C-injured           |
| 5   | 1.7   | 3    | 3 C-injured           |
| 3   | 1.0   | 4    | 4 C-injured           |
| 5   | 1.7   | 5    | 5 C-injured           |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 158 | NUMBER B-INJURED IN VEH | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: None    |

## NO. B-INJURED IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 245 | 82.2  | 0    | 0 B-injured           |
| 24  | 8.1   | 1    | 1 B-injured           |
| 6   | 2.0   | 2    | 2 B-injured           |
| 4   | 1.3   | 3    | 3 B-injured           |
| 2   | 0.7   | 4    | 4 B-injured           |
| 1   | 0.3   | 5    | 5 B-injured           |

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 159 | NUMBER A-INJURED IN VEH | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: None    |

## NO. A-INJURED IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 268 | 89.9  | 0    | 0 A-injured           |
| 12  | 4.0   | 1    | 1 A-injured           |
| 5   | 1.7   | 2    | 2 A-injured           |
| 3   | 1.0   | 3    | 3 A-injured           |
| 2   | 0.7   | 4    | 4 A-injured           |
| 1   | 0.3   | 5    | 5 A-injured           |
| 1   | 0.3   | 8    | 8 A-injured           |
| 1   | 0.3   | 9    | 9 A-injured           |
| 1   | 0.3   | 13   | 13 A-injured          |
| 1   | 0.3   | 15   | 15 A-injured          |
| 1   | 0.3   | 17   | 17 A-injured          |
| 1   | 0.3   | 30   | 30 A-injured          |
| 1   | 0.3   | 33   | 33 A-injured          |

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 160 | NUMBER K-INJURED IN VEH | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: None    |

## NO. K-INJURED IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 272 | 91.3  | 0    | 0 killed              |
| 15  | 5.0   | 1    | 1 killed              |
| 4   | 1.3   | 2    | 2 killed              |
| 2   | 0.7   | 3    | 3 killed              |
| 4   | 1.3   | 5    | 5 killed              |
| 1   | 0.3   | 6    | 6 killed              |

---

|              |                               |           |               |
|--------------|-------------------------------|-----------|---------------|
| Variable 161 | <u>NUM UNK INJURED IN VEH</u> | Width: 2  | Type: Numeric |
|              |                               | Dec: None | Miss: None    |

---

NO. UNK INJURED IN VEHICLE

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 296 | 99.3  | 0    | 0 unknown injured     |
| 1   | 0.3   | 1    | 1 unknown injured     |
| 1   | 0.3   | 2    | 2 unknown injured     |

---

|              |                               |           |               |
|--------------|-------------------------------|-----------|---------------|
| Variable 162 | <u>VEH RELATED FACTORS #1</u> | Width: 2  | Type: Numeric |
|              |                               | Dec: None | Miss: 99      |

---

RELATED FACTORS AT VEHICLE LEVEL - RESPONSE #1

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
|---|-------|------|-----------------------|

|     |      |   |      |
|-----|------|---|------|
| 286 | 96.0 | 0 | None |
|-----|------|---|------|

Vehicle Condition(s) Noted:

|   |     |    |   |
|---|-----|----|---|
| 2 | 0.7 | 1  | Tires   |
| 1 | 0.3 | 2  | Brake system  |
| 0 | 0.0 | 3  | Steering system - tie-rod, kingpin, ball-joint, etc.                                      |
| 0 | 0.0 | 4  | Suspension - springs, shock-absorbers, MacPherson-struts, axle bearing, control-arm, etc. |
| 0 | 0.0 | 5  | Power train - universal-joint, drive-shaft, transmission, etc.                            |
| 0 | 0.0 | 6  | Exhaust system  |
| 0 | 0.0 | 7  | Headlights  |
| 0 | 0.0 | 8  | Signal lights   |
| 0 | 0.0 | 9  | Other lights  |
| 0 | 0.0 | 10 | Horn  |
| 0 | 0.0 | 11 | Mirrors   |
| 0 | 0.0 | 12 | Wipers  |
| 0 | 0.0 | 13 | Driver seating and control  |
| 0 | 0.0 | 14 | Body, doors, hood, other  |
| 0 | 0.0 | 15 | Trailer hitch   |
| 0 | 0.0 | 16 | Wheels  |
| 0 | 0.0 | 17 | Airbags   |
| 2 | 0.7 | 18 | Other vehicle defects   |
| 0 | 0.0 | 19 | Safety belts  |

Special Vehicle Flags:

|   |     |    |  |
|---|-----|----|--|
| 2 | 0.7 | 31 | Hit-and-run vehicle  |
| 0 | 0.0 | 32 | Vehicle registration for handicapped                               |
| 0 | 0.0 | 33 | Vehicle being pushed by nonmotorist                                |
| 0 | 0.0 | 34 | Vehicle impact point - the result of something set-in-motion       |
| 0 | 0.0 | 35 | Reconstructed vehicles   |
| 0 | 0.0 | 36 | Electric/Alternative fuel vehicles                                 |
| 1 | 0.3 | 37 | Transporting children to/from Head Start/day care                  |
| 2 | 0.7 | 38 | Vehicle went airborne during crash                                 |
| 0 | 0.0 | 39 | Highway construction, maintenance, or utility vehicle in transport |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS VEHICLE VARIABLES

Variable 162:VEH RELATED FACTORS #1 (Continued)

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 2 | 0.7   | 99   | Unknown               |

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|              |                        |           |               |
|--------------|------------------------|-----------|---------------|
| Variable 163 | VEH RELATED FACTORS #2 | Width: 2  | Type: Numeric |
|              |                        | Dec: None | Miss: 99      |

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RELATED FACTORS AT VEHICLE LEVEL - RESPONSE #2

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 296 | 99.3  | 0    | None                  |
| 2   | 0.7   | 99   | Unknown               |

---

|              |                    |           |               |
|--------------|--------------------|-----------|---------------|
| Variable 164 | UNDERRIDE/OVERRIDE | Width: 1  | Type: Numeric |
|              |                    | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description                    |
|-----|-------|------|--|
| 294 | 98.7  | 0    | No Underride or Override                 |
|     |       |      | With Motor Vehicle in Transport          |
| 1   | 0.3   | 1    | Underride, Compartment Intrusion         |
| 0   | 0.0   | 2    | Underride, No Compartment Intrusion      |
| 0   | 0.0   | 3    | Underride, Compartment Intrusion Unknown |
|     |       |      | With Other Vehicle                       |
| 0   | 0.0   | 4    | Underride, Compartment Intrusion         |
| 0   | 0.0   | 5    | Underride, No Compartment Intrusion      |
| 0   | 0.0   | 6    | Underride, Compartment Intrusion Unknown |
| 2   | 0.7   | 7    | Override, Motor Vehicle in Transport     |
| 0   | 0.0   | 8    | Override, Other Vehicle                  |
| 1   | 0.3   | 9    | Unknown if Underride or Override         |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS VEHICLE VARIABLES

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|              |                         |           |                  |
|--------------|-------------------------|-----------|------------------|
| Variable 170 | MOTOR CARRIER ID NUMBER | Width: 11 | Type: Alphabetic |
|              |                         | Dec: None | Miss: None       |

---

| N                                 | Prcnt | Code      | Value and Description |
|-----------------------------------|-------|-----------|-----------------------|
| Issuing Authority (cols 1-2)      |       |           |                       |
| 14                                | 4.7   | 00        | Not applicable        |
| 0                                 | 0.0   | 01        |                       |
| - FARS State Code                 |       |           |                       |
| 0                                 | 0.0   | 56        |                       |
| 47                                | 15.8  | 57        | US DOT                |
| 2                                 | 0.7   | 58        | ICC                   |
| 1                                 | 0.3   | 59        |                       |
| 1                                 | 0.3   | 64        |                       |
| 92                                | 30.9  | 88        | None                  |
| 99                                | 33.2  | 99        | Unknown               |
| Identification Number (cols 3-11) |       |           |                       |
|                                   |       | 000000000 | Not applicable        |
|                                   |       | 888888888 | None                  |
|                                   |       | 999999999 | Unknown               |

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|              |         |           |               |
|--------------|---------|-----------|---------------|
| Variable 171 | BUS USE | Width: 1  | Type: Numeric |
|              |         | Dec: None | Miss: None    |

---

| N  | Prcnt | Code | Value and Description                           |
|----|-------|------|---|
| 7  | 2.3   | 0    | Not used as a bus                               |
| 88 | 29.5  | 1    | Used as a Public school bus                     |
| 5  | 1.7   | 2    | Used as a Private school bus                    |
| 27 | 9.1   | 3    | Used as a School bus, public or private unknown |
| 76 | 25.5  | 4    | Used as a Scheduled service bus                 |
| 32 | 10.7  | 5    | Used as a Tour bus                              |
| 22 | 7.4   | 6    | Used as a Commuter bus                          |
| 16 | 5.4   | 7    | Used as a Shuttle bus                           |
| 1  | 0.3   | 8    | Modified for personal/private use               |
| 24 | 8.1   | 9    | Unknown bus use                                 |

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|              |                          |           |               |
|--------------|--------------------------|-----------|---------------|
| Variable 172 | GROSS WEIGHT RATING-GVWR | Width: 1  | Type: Numeric |
|              |                          | Dec: None | Miss: None    |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 14  | 4.7   | 0    | Not applicable        |
| 11  | 3.7   | 1    | 10,000 lbs or less    |
| 50  | 16.8  | 2    | 10,001 - 26,000 lbs   |
| 181 | 60.7  | 3    | 26,001 lbs or more    |
| 42  | 14.1  | 9    | Unknown               |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS VEHICLE VARIABLES

The DRIVER Variables

Variables 207 through 236 describe the driver of the bus involved in the accident.

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|              |                 |           |               |
|--------------|-----------------|-----------|---------------|
| Variable 207 | DRIVER PRESENCE | Width: 1  | Type: Numeric |
|              |                 | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|-------------------------|
| 296 | 99.3  | 1    | Driver operated vehicle |
| 2   | 0.7   | 2    | Driverless              |
| 0   | 0.0   | 3    | Driver left scene       |
| 0   | 0.0   | 9    | Unknown                 |

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|              |                 |           |               |
|--------------|-----------------|-----------|---------------|
| Variable 208 | DRIVER DRINKING | Width: 1  | Type: Numeric |
|              |                 | Dec: None | Miss: 9       |

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| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 295 | 99.0  | 0    | No drinking reported  |
| 3   | 1.0   | 1    | Drinking reported     |
| 0   | 0.0   | 8    | Not reported          |
| 0   | 0.0   | 9    | Unknown               |

---

|              |               |           |               |
|--------------|---------------|-----------|---------------|
| Variable 209 | LICENSE STATE | Width: 2  | Type: Numeric |
|              |               | Dec: None | Miss: 99      |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 2  | 0.7   | 1    | Alabama               |
| 0  | 0.0   | 2    | Alaska                |
| 10 | 3.4   | 4    | Arizona               |
| 3  | 1.0   | 5    | Arkansas              |
| 36 | 12.1  | 6    | California            |
| 6  | 2.0   | 8    | Colorado              |
| 4  | 1.3   | 9    | Connecticut           |
| 1  | 0.3   | 10   | Delaware              |
| 1  | 0.3   | 11   | District of Columbia  |
| 22 | 7.4   | 12   | Florida               |
| 6  | 2.0   | 13   | Georgia               |
| 5  | 1.7   | 15   | Hawaii                |
| 2  | 0.7   | 16   | Idaho                 |
| 8  | 2.7   | 17   | Illinois              |
| 1  | 0.3   | 18   | Indiana               |
| 3  | 1.0   | 19   | Iowa                  |
| 2  | 0.7   | 20   | Kansas                |
| 5  | 1.7   | 21   | Kentucky              |
| 3  | 1.0   | 22   | Louisiana             |
| 0  | 0.0   | 23   | Maine                 |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

## Variable 209: LICENSE STATE (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 3  | 1.0   | 24   | Maryland              |
| 5  | 1.7   | 25   | Massachusetts         |
| 11 | 3.7   | 26   | Michigan              |
| 4  | 1.3   | 27   | Minnesota             |
| 1  | 0.3   | 28   | Mississippi           |
| 8  | 2.7   | 29   | Missouri              |
| 1  | 0.3   | 30   | Montana               |
| 1  | 0.3   | 31   | Nebraska              |
| 6  | 2.0   | 32   | Nevada                |
| 1  | 0.3   | 33   | New Hampshire         |
| 10 | 3.4   | 34   | New Jersey            |
| 4  | 1.3   | 35   | New Mexico            |
| 28 | 9.4   | 36   | New York              |
| 6  | 2.0   | 37   | North Carolina        |
| 1  | 0.3   | 38   | North Dakota          |
| 9  | 3.0   | 39   | Ohio                  |
| 4  | 1.3   | 40   | Oklahoma              |
| 2  | 0.7   | 41   | Oregon                |
| 16 | 5.4   | 42   | Pennsylvania          |
| 2  | 0.7   | 44   | Rhode Island          |
| 5  | 1.7   | 45   | South Carolina        |
| 0  | 0.0   | 46   | South Dakota          |
| 4  | 1.3   | 47   | Tennessee             |
| 21 | 7.0   | 48   | Texas                 |
| 2  | 0.7   | 49   | Utah                  |
| 0  | 0.0   | 50   | Vermont               |
| 6  | 2.0   | 51   | Virginia              |
| 4  | 1.3   | 53   | Washington            |
| 4  | 1.3   | 54   | West Virginia         |
| 5  | 1.7   | 55   | Wisconsin             |
| 0  | 0.0   | 56   | Wyoming               |
| 1  | 0.3   | 94   | Military              |
| 0  | 0.0   | 95   | Canada                |
| 1  | 0.3   | 96   | Mexico                |
| 0  | 0.0   | 97   | Other foreign country |
| 2  | 0.7   | 99   | Unknown               |

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|              |                        |           |               |
|--------------|------------------------|-----------|---------------|
| Variable 210 | NON-CDL LICENSE STATUS | Width: 1  | Type: Numeric |
|              |                        | Dec: None | Miss: 9       |

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## NON-CDL LICENSE STATUS, REGARDLESS OF VEH. DRIVEN

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
|   |       |      | No valid license      |
| 0 | 0.0   | 0    | Not licensed          |
| 1 | 0.3   | 1    | Suspended             |
| 0 | 0.0   | 2    | Revoked               |
| 0 | 0.0   | 3    | Expired               |

Variable 210:NON-CDL LICENSE STATUS (Continued)

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 0   | 0.0   | 4    | Cancelled or denied   |
|     |       |      | Valid license         |
| 293 | 98.3  | 6    | Valid                 |
| 0   | 0.0   | 7    | Learner's permit      |
| 0   | 0.0   | 8    | Temporary             |
| 4   | 1.3   | 9    | Unknown               |

---

|              |                          |           |               |
|--------------|--------------------------|-----------|---------------|
| Variable 211 | LICENSE CLASS COMPLIANCE | Width: 1  | Type: Numeric |
|              |                          | Dec: None | Miss: 9       |

---

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|---|
| 0   | 0.0   | 0    | Not licensed  |
| 0   | 0.0   | 1    | No license required for this class vehicle                      |
| 7   | 2.3   | 2    | No valid license for this class vehicle                         |
| 284 | 95.3  | 3    | Valid license for this class vehicle                            |
| 3   | 1.0   | 8    | Unknown if CDL and/or CDL endorsement required for this vehicle |
| 4   | 1.3   | 9    | Unknown   |

---

|              |                    |           |               |
|--------------|--------------------|-----------|---------------|
| Variable 212 | CDL LICENSE STATUS | Width: 1  | Type: Numeric |
|              |                    | Dec: None | Miss: 9       |

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COMMERCIAL MOTOR VEHICLE LICENSE STATUS

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 13  | 4.4   | 0    | No CDL                |
| 1   | 0.3   | 1    | Suspended             |
| 0   | 0.0   | 2    | Revoked               |
| 0   | 0.0   | 3    | Expired               |
| 0   | 0.0   | 4    | Cancelled or denied   |
| 0   | 0.0   | 5    | Disqualified          |
| 277 | 93.0  | 6    | Valid                 |
| 0   | 0.0   | 7    | Learner's permit      |
| 3   | 1.0   | 8    | Other - not valid     |
| 4   | 1.3   | 9    | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

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|                     |                             |           |               |
|---------------------|-----------------------------|-----------|---------------|
| <u>Variable 213</u> | <u>LICENSE ENDORSEMENTS</u> | Width: 1  | Type: Numeric |
|                     |                             | Dec: None | Miss: 9       |

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## COMPLIANCE WITH LICENSE ENDORSEMENTS

| N   | Prcnt | Code | Value and Description              |
|-----|-------|------|------------------------------------|
| 61  | 20.5  | 0    | No Endorsements                    |
| 191 | 64.1  | 1    | Endorsement(s) complied with       |
| 1   | 0.3   | 2    | Endorsement(s) not complied with   |
| 36  | 12.1  | 3    | Endorsement(s), compliance unknown |
| 9   | 3.0   | 9    | Unknown                            |

---

|                     |                                 |           |               |
|---------------------|---------------------------------|-----------|---------------|
| <u>Variable 214</u> | <u>LICENSE RESTRICTIONS MET</u> | Width: 1  | Type: Numeric |
|                     |                                 | Dec: None | Miss: 9       |

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## COMPLIANCE WITH LICENSE RESTRICTIONS

| N   | Prcnt | Code | Value and Description             |
|-----|-------|------|-----------------------------------|
| 159 | 53.4  | 0    | No restrictions or not applicable |
| 38  | 12.8  | 1    | Restrictions complied with        |
| 1   | 0.3   | 2    | Restrictions not complied with    |
| 96  | 32.2  | 3    | Restrictions, compliance unknown  |
| 4   | 1.3   | 9    | Unknown                           |

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|                     |                                 |           |               |
|---------------------|---------------------------------|-----------|---------------|
| <u>Variable 216</u> | <u>NUMBER OF PREV ACCIDENTS</u> | Width: 2  | Type: Numeric |
|                     |                                 | Dec: None | Miss: 99      |

---

## NUMBER OF PREVIOUS RECORDED ACCIDENTS

| N   | Prcnt | Code | Value and Description                    |
|-----|-------|------|--|
| 222 | 74.5  | 0    | 0 accidents                              |
| 39  | 13.1  | 1    | 1 accident                               |
| 16  | 5.4   | 2    | 2 accidents                              |
| 3   | 1.0   | 3    | 3 accidents                              |
| 14  | 4.7   | 98   | Accidents not reported on driving record |
| 4   | 1.3   | 99   | Unknown                                  |

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|                     |                                |           |               |
|---------------------|--------------------------------|-----------|---------------|
| <u>Variable 217</u> | <u>NUMBER PREV SUSPENSIONS</u> | Width: 2  | Type: Numeric |
|                     |                                | Dec: None | Miss: 99      |

---

## NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 286 | 96.0  | 0    | 0 suspensions         |
| 4   | 1.3   | 1    | 1 suspension          |
| 2   | 0.7   | 2    | 2 suspensions         |

Variable 217:NUMBER PREV SUSPENSIONS (Continued)

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 1 | 0.3   | 4    | 4 suspensions         |
| 1 | 0.3   | 6    | 6 suspensions         |
| 4 | 1.3   | 99   | Unknown               |

---

|              |                         |           |               |
|--------------|-------------------------|-----------|---------------|
| Variable 218 | NUMBER OF PREV DWI CONV | Width: 2  | Type: Numeric |
|              |                         | Dec: None | Miss: 99      |

---

NUMBER OF PREVIOUS DWI CONVICTIONS

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 294 | 98.7  | 0    | 0 DWI convictions     |
| 4   | 1.3   | 99   | Unknown               |

---

|              |                        |           |               |
|--------------|------------------------|-----------|---------------|
| Variable 219 | NUM PREV SPEEDING CONV | Width: 2  | Type: Numeric |
|              |                        | Dec: None | Miss: 99      |

---

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 267 | 89.6  | 0    | 0 speed convictions   |
| 22  | 7.4   | 1    | 1 speed conviction    |
| 3   | 1.0   | 2    | 2 speed convictions   |
| 2   | 0.7   | 3    | 3 speed convictions   |
| 4   | 1.3   | 99   | Unknown               |

---

|              |                        |           |               |
|--------------|------------------------|-----------|---------------|
| Variable 220 | NUM PREV OTHER MV CONV | Width: 2  | Type: Numeric |
|              |                        | Dec: None | Miss: 99      |

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NO. PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 252 | 84.6  | 0    | 0 other convictions   |
| 34  | 11.4  | 1    | 1 other conviction    |
| 4   | 1.3   | 2    | 2 other convictions   |
| 4   | 1.3   | 3    | 3 other convictions   |
| 4   | 1.3   | 99   | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

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|                     |                              |           |               |
|---------------------|------------------------------|-----------|---------------|
| <u>Variable 221</u> | <u>LAST ACCIDENT - MONTH</u> | Width: 2  | Type: Numeric |
|                     |                              | Dec: None | Miss: 99      |

---

## LAST ACC./SUSPENSION/CONVICTION - MONTH

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 184 | 61.7  | 0    | No record             |
| 9   | 3.0   | 1    | January               |
| 15  | 5.0   | 2    | February              |
| 6   | 2.0   | 3    | March                 |
| 16  | 5.4   | 4    | April                 |
| 11  | 3.7   | 5    | May                   |
| 9   | 3.0   | 6    | June                  |
| 7   | 2.3   | 7    | July                  |
| 10  | 3.4   | 8    | August                |
| 6   | 2.0   | 9    | September             |
| 5   | 1.7   | 10   | October               |
| 5   | 1.7   | 11   | November              |
| 11  | 3.7   | 12   | December              |
| 4   | 1.3   | 99   | Unknown               |

---

|                     |                             |           |               |
|---------------------|-----------------------------|-----------|---------------|
| <u>Variable 222</u> | <u>LAST ACCIDENT - YEAR</u> | Width: 4  | Type: Numeric |
|                     |                             | Dec: None | Miss: 9999    |

---

## LAST ACC./SUSPENSION/CONVICTION - YEAR

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 184 | 61.7  | 0    | No record             |
| 17  | 5.7   | 1999 | 1999                  |
| 26  | 8.7   | 2000 | 2000                  |
| 41  | 13.8  | 2001 | 2001                  |
| 26  | 8.7   | 2002 | 2002                  |
| 4   | 1.3   | 9999 | Unknown               |

---

|                     |                               |           |               |
|---------------------|-------------------------------|-----------|---------------|
| <u>Variable 223</u> | <u>FIRST ACCIDENT - MONTH</u> | Width: 2  | Type: Numeric |
|                     |                               | Dec: None | Miss: 99      |

---

## 1ST ACC./SUSPENSION/CONVICTION - MONTH

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 184 | 61.7  | 0    | No record             |
| 8   | 2.7   | 1    | January               |
| 14  | 4.7   | 2    | February              |
| 7   | 2.3   | 3    | March                 |
| 14  | 4.7   | 4    | April                 |
| 12  | 4.0   | 5    | May                   |
| 8   | 2.7   | 6    | June                  |
| 8   | 2.7   | 7    | July                  |
| 8   | 2.7   | 8    | August                |

Variable 223:FIRST ACCIDENT - MONTH (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 10 | 3.4   | 9    | September             |
| 4  | 1.3   | 10   | October               |
| 6  | 2.0   | 11   | November              |
| 11 | 3.7   | 12   | December              |
| 4  | 1.3   | 99   | Unknown               |

---

|              |                       |           |               |
|--------------|-----------------------|-----------|---------------|
| Variable 224 | FIRST ACCIDENT - YEAR | Width: 4  | Type: Numeric |
|              |                       | Dec: None | Miss: 9999    |

---

1ST ACCIDENT/SUSPENSION/CONVICTION - YEAR

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 184 | 61.7  | 0    | No record             |
| 31  | 10.4  | 1999 | 1999                  |
| 36  | 12.1  | 2000 | 2000                  |
| 30  | 10.1  | 2001 | 2001                  |
| 13  | 4.4   | 2002 | 2002                  |
| 4   | 1.3   | 9999 | Unknown               |

---

|              |                          |           |               |
|--------------|--------------------------|-----------|---------------|
| Variable 227 | DRIVER RELATED FACTORS#1 | Width: 2  | Type: Numeric |
|              |                          | Dec: None | Miss: 99      |

---

FACTORS AT DRIVER LEVEL - RESPONSE #1

| N                         | Prcnt | Code | Value and Description                          |
|---------------------------|-------|------|--|
| 192                       | 64.4  | 0    | None   |
| Physical/Mental Condition |       |      |  |
| 4                         | 1.3   | 1    | Drowsy, sleepy, asleep, fatigued               |
| 0                         | 0.0   | 2    | Ill, passed out, blackout                      |
| 0                         | 0.0   | 3    | Emotional (e.g., depression, angry, disturbed) |
| 0                         | 0.0   | 4    | Reaction to drugs - medication                 |
| 0                         | 0.0   | 5    | Other drugs                                    |
| 17                        | 5.7   | 6    | Inattentive (talking, eating, etc.)            |
| 0                         | 0.0   | 7    | Restricted to wheelchair                       |
| 0                         | 0.0   | 8    | Paraplegic                                     |
| 0                         | 0.0   | 9    | Impaired due to previous injury                |
| 0                         | 0.0   | 10   | Deaf   |
| 0                         | 0.0   | 11   | Other physical impairment                      |
| 0                         | 0.0   | 12   | Mother of dead fetus                           |
| 0                         | 0.0   | 13   | Mentally challenged                            |
| 0                         | 0.0   | 14   | Failure to take drugs/medication               |
| Miscellaneous Causes      |       |      |  |
| 6                         | 2.0   | 17   | Running off road                               |
| 0                         | 0.0   | 18   | Travelling on prohibited trafficways           |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

## Variable 227:DRIVER RELATED FACTORS#1 (Continued)

| N  | Prcnt | Code | Value and Description  |
|----|-------|------|--|
| 0  | 0.0   | 19   | Legally driving on suspended or revoked license  |
| 0  | 0.0   | 20   | Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway                    |
| 0  | 0.0   | 21   | Overloading or improper loading of vehicle with passengers or cargo                                      |
| 0  | 0.0   | 22   | Towing or pushing vehicle improperly   |
| 0  | 0.0   | 23   | Failing to dim or to have lights on when required  |
| 1  | 0.3   | 24   | Operating without required equipment   |
| 0  | 0.0   | 25   | Creating unlawful noise or using equipment prohibited by law   |
| 2  | 0.7   | 26   | Following improperly   |
| 0  | 0.0   | 27   | Improper or erratic lane changing  |
| 4  | 1.3   | 28   | Failure to keep in proper lane or running off road   |
| 0  | 0.0   | 29   | Illegal driving on road shoulder, in ditch, on sidewalk or on median or on separator                     |
| 0  | 0.0   | 30   | Making improper entry to or exit from trafficway   |
| 0  | 0.0   | 31   | Starting or backing improperly   |
| 0  | 0.0   | 32   | Opening vehicle closure into moving traffic or while vehicle is in motion                                |
| 0  | 0.0   | 33   | Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass |
| 0  | 0.0   | 34   | Passing on wrong side  |
| 0  | 0.0   | 35   | Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle   |
| 4  | 1.3   | 36   | Operating the vehicle in an erratic, reckless, careless or negligent manner                              |
| 0  | 0.0   | 37   | High speed chase - police in pursuit   |
| 28 | 9.4   | 38   | Failure to yield right-of-way  |
| 5  | 1.7   | 39   | Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone    |
| 0  | 0.0   | 40   | Passing through or around barrier  |
| 0  | 0.0   | 41   | Failure to observe warnings or instructions on vehicles displaying them                                  |
| 0  | 0.0   | 42   | Failure to signal intentions   |
| 0  | 0.0   | 43   | Giving wrong signal  |
| 10 | 3.4   | 44   | Driving too fast for conditions or in excess of posted maximum   |
| 0  | 0.0   | 45   | Driving less than posted minimum   |
| 0  | 0.0   | 46   | Racing   |
| 0  | 0.0   | 47   | Making right turn from left turn lane, making left turn from right turn lane                             |
| 1  | 0.3   | 48   | Making other improper turn   |
| 0  | 0.0   | 49   | Failure to comply with physical restrictions of license  |
| 0  | 0.0   | 50   | Driving wrong way on one-way trafficway  |
| 0  | 0.0   | 51   | Driving on wrong side of road (intentionally or unintentionally)   |
| 0  | 0.0   | 52   | Operator inexperience  |
| 0  | 0.0   | 53   | Unfamiliar with roadway  |
| 5  | 1.7   | 54   | Stopped or stopping in roadway (vehicle not abandoned)   |
| 0  | 0.0   | 55   | Underriding a parked truck   |
| 0  | 0.0   | 56   | Improper tire pressure   |
| 2  | 0.7   | 57   | Locked wheel   |
| 0  | 0.0   | 58   | Over correcting  |

Variable 227:DRIVER RELATED FACTORS#1 (Continued)

| N | Prcnt | Code | Value and Description  |
|---|-------|------|--|
| 0 | 0.0   | 59   | Getting off/out of or on/in to moving vehicle  |
| 0 | 0.0   | 60   | Getting off/out of or on/in to nonmoving vehicle   |
|   |       |      | Vision Obscured By:  |
| 0 | 0.0   | 61   | Rain, snow, fog, smoke, sand, dust   |
| 1 | 0.3   | 62   | Reflected glare, bright sunlight, headlights   |
| 1 | 0.3   | 63   | Curve, hill, or other design features (including traffic signs, embankment)                      |
| 1 | 0.3   | 64   | Building, billboard, other structures  |
| 0 | 0.0   | 65   | Trees, crops, vegetation   |
| 0 | 0.0   | 66   | Motor vehicle (including load)   |
| 0 | 0.0   | 67   | Parked vehicle   |
| 0 | 0.0   | 68   | Splash or spray of passing vehicle   |
| 0 | 0.0   | 69   | Inadequate defrost or defog system   |
| 0 | 0.0   | 70   | Inadequate lighting system   |
| 1 | 0.3   | 71   | Obstructing angles on vehicle  |
| 0 | 0.0   | 72   | Mirrors - rear view  |
| 0 | 0.0   | 73   | Mirrors - other  |
| 0 | 0.0   | 74   | Head restraints  |
| 0 | 0.0   | 75   | Broken or improperly cleaned windshield  |
| 0 | 0.0   | 76   | Other obstruction  |
|   |       |      | Avoiding, Swerving or Sliding due to:  |
| 0 | 0.0   | 77   | Severe crosswind   |
| 0 | 0.0   | 78   | Wind from passing truck  |
| 0 | 0.0   | 79   | Slippery or loose surface  |
| 0 | 0.0   | 80   | Tire blow-out or flat  |
| 0 | 0.0   | 81   | Debris or objects in road  |
| 0 | 0.0   | 82   | Ruts, holes, bumps in road   |
| 0 | 0.0   | 83   | Live animals in road   |
| 1 | 0.3   | 84   | Vehicle in road  |
| 0 | 0.0   | 85   | Phantom vehicle  |
| 0 | 0.0   | 86   | Pedestrian, pedalcyclist, or other nonmotorist in road   |
| 0 | 0.0   | 87   | Ice, snow, slush, water, sand, dirt, oil, wet leaves on road                                     |
| 0 | 0.0   | 88   | Trailer fishtailing or swaying   |
|   |       |      | Other Miscellaneous Factors  |
| 0 | 0.0   | 89   | Carrying hazardous cargo improperly  |
| 0 | 0.0   | 90   | Hit-and-run vehicle driver   |
| 1 | 0.3   | 91   | Nontraffic violation charged - manslaughter or other homicide (offense committed without malice) |
| 3 | 1.0   | 92   | Other nonmoving traffic violations   |
|   |       |      | Possible distractions (inside vehicle)   |
| 5 | 1.7   | 93   | Cellular phone   |
| 0 | 0.0   | 94   | Cellular phone in use in vehicle   |
| 0 | 0.0   | 95   | Computer Fax Machine/Printers  |
| 0 | 0.0   | 96   | On-board Navigation system   |
| 0 | 0.0   | 97   | Two-way radio  |
| 0 | 0.0   | 98   | Head-up display  |
| 3 | 1.0   | 99   | Unknown  |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

|              |                          |           |               |
|--------------|--------------------------|-----------|---------------|
| Variable 228 | DRIVER RELATED FACTORS#2 | Width: 2  | Type: Numeric |
|              |                          | Dec: None | Miss: 99      |

## FACTORS AT DRIVER LEVEL - RESPONSE #2

| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|---|
| 254 | 85.2  | 0    | None  |
|     |       |      | Physical/Mental Condition   |
| 1   | 0.3   | 2    | Ill, passed out, blackout   |
| 3   | 1.0   | 6    | Inattentive (talking, eating, etc.)   |
|     |       |      | Miscellaneous Causes  |
| 4   | 1.3   | 17   | Running off road  |
| 1   | 0.3   | 26   | Following improperly  |
| 1   | 0.3   | 27   | Improper or erratic lane changing   |
| 1   | 0.3   | 28   | Failure to keep in proper lane or running off road  |
| 1   | 0.3   | 31   | Starting or backing improperly  |
| 2   | 0.7   | 36   | Operating the vehicle in an erratic, reckless, careless or negligent manner                           |
| 8   | 2.7   | 38   | Failure to yield right-of-way   |
| 4   | 1.3   | 39   | Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone |
| 2   | 0.7   | 44   | Driving too fast for conditions or in excess of posted maximum  |
| 2   | 0.7   | 48   | Making other improper turn  |
|     |       |      | Vision Obscured By:   |
| 2   | 0.7   | 62   | Reflected glare, bright sunlight, headlights  |
| 1   | 0.3   | 66   | Motor vehicle (including load)  |
| 1   | 0.3   | 67   | Parked vehicle  |
|     |       |      | Avoiding, Swerving or Sliding due to:   |
| 1   | 0.3   | 80   | Tire blow-out or flat   |
| 1   | 0.3   | 86   | Pedestrian, pedalcyclist, or other nonmotorist in road  |
|     |       |      | Other Miscellaneous Factors   |
| 1   | 0.3   | 90   | Hit-and-run vehicle driver  |
| 2   | 0.7   | 91   | Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)      |
|     |       |      | Possible distractions (inside vehicle)  |
| 2   | 0.7   | 93   | Cellular phone  |
| 3   | 1.0   | 99   | Unknown   |

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|              |                          |           |               |
|--------------|--------------------------|-----------|---------------|
| Variable 229 | DRIVER RELATED FACTORS#3 | Width: 2  | Type: Numeric |
|              |                          | Dec: None | Miss: 99      |

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FACTORS AT DRIVER LEVEL - RESPONSE #3

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|--|
| 289 | 97.0  | 0    | None   |
|     |       |      | <b>Miscellaneous Causes</b>                                    |
| 1   | 0.3   | 17   | Running off road   |
| 1   | 0.3   | 28   | Failure to keep in proper lane or running off road             |
| 2   | 0.7   | 44   | Driving too fast for conditions or in excess of posted maximum |
|     |       |      | <b>Vision Obscured By:</b>                                     |
| 1   | 0.3   | 72   | Mirrors - rear view  |
|     |       |      | <b>Other Miscellaneous Factors</b>                             |
| 1   | 0.3   | 92   | Other nonmoving traffic violations                             |
| 3   | 1.0   | 99   | Unknown  |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS DRIVER VARIABLES

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|              |                                 |           |               |
|--------------|---------------------------------|-----------|---------------|
| Variable 230 | <u>DRIVER RELATED FACTORS#4</u> | Width: 2  | Type: Numeric |
|              |                                 | Dec: None | Miss: 99      |

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FACTORS AT DRIVER LEVEL - RESPONSE #4

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|--|
| 292 | 98.0  | 0    | None   |
|     |       |      | Miscellaneous Causes   |
| 1   | 0.3   | 44   | Driving too fast for conditions or in excess of posted maximum |
|     |       |      | Avoiding, Swerving or Sliding due to:                          |
| 1   | 0.3   | 85   | Phantom vehicle  |
|     |       |      | Other Miscellaneous Factors                                    |
|     |       |      | Possible distractions (inside vehicle)                         |
| 1   | 0.3   | 98   | Head-up display  |
| 3   | 1.0   | 99   | Unknown  |

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|              |                              |           |               |
|--------------|------------------------------|-----------|---------------|
| Variable 231 | <u>VIOLATIONS CHARGED #1</u> | Width: 2  | Type: Numeric |
|              |                              | Dec: None | Miss: 99      |

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| N   | Prcnt | Code | Value and Description   |
|-----|-------|------|---|
| 264 | 88.6  | 0    | None  |
|     |       |      | RECKLESS/CARELESS/HIT-AND-RUN TYPE OFFENSES                       |
| 4   | 1.3   | 1    | Manslaughter or Homicide  |
| 0   | 0.0   | 2    | Willful Reckless Driving; Driving to Endanger; Negligent Driving  |
| 0   | 0.0   | 3    | Unsafe Reckless (Not Willful, Wanton Reckless) Driving            |
| 5   | 1.7   | 4    | Inattentive, Careless, Improper Driving                           |
| 0   | 0.0   | 5    | Fleeing or Eluding Police   |
| 0   | 0.0   | 6    | Fail to Obey Police, Fireman, Authorized Person Directing Traffic |
| 0   | 0.0   | 7    | Hit-and-Run, Fail to Stop After Accident                          |
| 0   | 0.0   | 8    | Fail to Give Aid, Info., Wait for Police After Accident           |
| 0   | 0.0   | 9    | Serious Violation Resulting in Death                              |
|     |       |      | IMPAIRMENT OFFENSES   |
| 0   | 0.0   | 11   | Driving While Intoxicated (Alcohol or Drugs) or BAC Above Limit   |
| 0   | 0.0   | 12   | Driving While Impaired  |
| 0   | 0.0   | 13   | Driving Under Influence of Substance Not Intended to Intoxicate   |
| 0   | 0.0   | 14   | Drinking While Operating  |
| 0   | 0.0   | 15   | Illegal Possession of Alcohol or Drugs                            |
| 0   | 0.0   | 16   | Driving With Detectable Alcohol                                   |
| 0   | 0.0   | 18   | Refusal to Submit to Chemical Test                                |
| 0   | 0.0   | 19   | Alcohol, Drug, or Impairment Violations Generally                 |

Variable 231:VIOLATIONS CHARGED #1 (Continued)

| N  | Prcnt | Code | Value and Description   |
|--|-------|------|---|
| SPEED-RELATED OFFENSES                             |       |      |   |
| 0  | 0.0   | 21   | Racing  |
| 1  | 0.3   | 22   | Speeding (Above the Speed Limit)  |
| 1  | 0.3   | 23   | Speed Greater than Reasonable & Prudent   |
| 0  | 0.0   | 24   | Exceeding Special Speed Limit (e.g.: for Trucks, Buses, Cycles, or on Bridge, in School Zone, etc.)                         |
| 0  | 0.0   | 25   | Energy Speed (Exceeding 55 MPH, Non-Pointable)  |
| 0  | 0.0   | 26   | Driving too Slowly  |
| 0  | 0.0   | 29   | Speed Related Violations Generally  |
| RULES OF THE ROAD - TRAFFIC SIGN & SIGNALS         |       |      |   |
| 0  | 0.0   | 31   | Fail to Stop for Red Signal   |
| 0  | 0.0   | 32   | Fail to Stop for Flashing Red   |
| 0  | 0.0   | 33   | Violation of Turn on Red (Fail to Stop & Yield, Yield to Pedestrians Before Turning)  |
| 0  | 0.0   | 34   | Fail to Obey Flashing Signal (Yellow or Red)  |
| 0  | 0.0   | 35   | Fail to Obey Signal Generally   |
| 0  | 0.0   | 36   | Violate RR Grade Crossing Device/Regulations  |
| 0  | 0.0   | 37   | Fail to Obey Stop Sign  |
| 0  | 0.0   | 38   | Fail to Obey Yield Sign   |
| 0  | 0.0   | 39   | Fail to Obey Traffic Control Device Generally   |
| RULES OF THE ROAD - TURNING, YIELDING, SIGNALING   |       |      |   |
| 0  | 0.0   | 41   | Turn in Violation of Traffic Control (Disobey Signs, Turn Arrow or Pavement Markings; this is not a Right-on-Red Violation) |
| 0  | 0.0   | 42   | Improper Method & Position of Turn (Too Wide, Wrong Lane)   |
| 0  | 0.0   | 43   | Fail to Signal for Turn or Stop   |
| 0  | 0.0   | 45   | Fail to Yield to Emergency Vehicle  |
| 5  | 1.7   | 46   | Fail to Yield Generally   |
| 1  | 0.3   | 48   | Enter Intersection When Space Insufficient  |
| 0  | 0.0   | 49   | Turn, Yield, Signaling Violations Generally   |
| RULES OF THE ROAD -WRONG SIDE, PASSING & FOLLOWING |       |      |   |
| 0  | 0.0   | 51   | Driving Wrong Way on One-Way Road   |
| 0  | 0.0   | 52   | Driving on Left, Wrong Side of Road Generally   |
| 0  | 0.0   | 53   | Improper, Unsafe Passing  |
| 0  | 0.0   | 54   | Pass on Right (Drive off Pavement to Pass)  |
| 0  | 0.0   | 55   | Pass Stopped School Bus   |
| 0  | 0.0   | 56   | Fail to Give Way When Overtaken   |
| 0  | 0.0   | 58   | Following too Closely   |
| 0  | 0.0   | 59   | Wrong Side, Passing, Following Violations Generally   |
| RULES OF THE ROAD - LANE USAGE                     |       |      |   |
| 0  | 0.0   | 61   | Unsafe or Prohibited Lane Change  |
| 0  | 0.0   | 62   | Improper use of Lane (Enter of 3-Lane Road, HOV Designated Lane)  |
| 0  | 0.0   | 63   | Certain Traffic to use Right Lane (Trucks, Slow Moving, etc.)   |
| 0  | 0.0   | 66   | Motorcycle Lane Violations (More than two per Lane, Riding Between Lanes, etc.)   |
| 0  | 0.0   | 67   | Motorcyclist Attached to Another Vehicle  |

## FARS DRIVER VARIABLES

## Variable 231: VIOLATIONS CHARGED #1 (Continued)

| N  | Prcnt | Code | Value and Description  |
|--|-------|------|--|
| 1  | 0.3   | 69   | Lane Violations Generally  |
| NON-MOVING - LICENSE & REGISTRATION VIOLATIONS |       |      |  |
| 0  | 0.0   | 71   | Driving While License Withdrawn                                      |
| 2  | 0.7   | 72   | Other Driver License Violations                                      |
| 0  | 0.0   | 73   | Commercial Driver Violations   |
| 0  | 0.0   | 74   | Vehicle Registration Violations                                      |
| 0  | 0.0   | 75   | Fail to Carry Insurance Card   |
| 0  | 0.0   | 76   | Driving Uninsured Vehicle  |
| 0  | 0.0   | 79   | Non-Moving Violations Generally                                      |
| EQUIPMENT                                      |       |      |  |
| 0  | 0.0   | 81   | Lamp Violations  |
| 0  | 0.0   | 82   | Brake Violations   |
| 0  | 0.0   | 83   | Failure to Require Restraint use (by Self or Passenger)              |
| 0  | 0.0   | 84   | Motorcycle Equipment Violations (Helmet, Special Equipment)          |
| 0  | 0.0   | 85   | Violation of Hazardous Cargo Regulations                             |
| 0  | 0.0   | 86   | Size, weight, Load Violations  |
| 0  | 0.0   | 89   | Equipment Violations Generally                                       |
| OTHER VIOLATIONS                               |       |      |  |
| 0  | 0.0   | 91   | Parking  |
| 0  | 0.0   | 92   | Theft, Unauthorized use of Motor Vehicle                             |
| 0  | 0.0   | 93   | Driving where Prohibited (Sidewalk, Limited Access, Off Truck Route) |
| 0  | 0.0   | 98   | Other Moving Violation   |
| 14   | 4.7   | 99   | Unknown Violation  |

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|              |                       |           |               |
|--------------|-----------------------|-----------|---------------|
| Variable 232 | VIOLATIONS CHARGED #2 | Width: 2  | Type: Numeric |
|              |                       | Dec: None | Miss: 99      |

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| N   | Prcnt | Code | Value and Description  |
|---|-------|------|--|
| 286   | 96.0  | 0    | None   |
| RECKLESS/CARELESS/HIT-AND-RUN TYPE OFFENSES |       |      |  |
| 1   | 0.3   | 2    | Willful Reckless Driving; Driving to Endanger; Negligent Driving                     |
| SPEED-RELATED OFFENSES                      |       |      |  |
| 0   | 0.0   | 21   | Racing   |
| 0   | 0.0   | 22   | Speeding (Above the Speed Limit)   |
| RULES OF THE ROAD - TRAFFIC SIGN & SIGNALS  |       |      |  |
| 0   | 0.0   | 31   | Fail to Stop for Red Signal  |
| 0   | 0.0   | 32   | Fail to Stop for Flashing Red  |
| 0   | 0.0   | 33   | Violation of Turn on Red (Fail to Stop & Yield, Yield to Pedestrians Before Turning) |
| 0   | 0.0   | 34   | Fail to Obey Flashing Signal (Yellow or Red)   |

Variable 232:VIOLATIONS CHARGED #2 (Continued)

| N  | Prcnt | Code | Value and Description                         |
|--|-------|------|---|
| 0  | 0.0   | 35   | Fail to Obey Signal Generally                 |
| 0  | 0.0   | 36   | Violate RR Grade Crossing Device/Regulations  |
| 0  | 0.0   | 37   | Fail to Obey Stop Sign                        |
| 0  | 0.0   | 38   | Fail to Obey Yield Sign                       |
| 1  | 0.3   | 39   | Fail to Obey Traffic Control Device Generally |
| RULES OF THE ROAD - TURNING, YIELDING, SIGNALING   |       |      |   |
| 1  | 0.3   | 46   | Fail to Yield Generally                       |
| RULES OF THE ROAD -WRONG SIDE, PASSING & FOLLOWING |       |      |   |
| NON-MOVING - LICENSE & REGISTRATION VIOLATIONS     |       |      |   |
| 0  | 0.0   | 71   | Driving While License Withdrawn               |
| 9  | 3.0   | 99   | Unknown Violation                             |

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|              |                       |           |               |
|--------------|-----------------------|-----------|---------------|
| Variable 233 | VIOLATIONS CHARGED #3 | Width: 2  | Type: Numeric |
|              |                       | Dec: None | Miss: 99      |

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| N  | Prcnt | Code | Value and Description                         |
|--|-------|------|---|
| 288  | 96.6  | 0    | None  |
| SPEED-RELATED OFFENSES                     |       |      |   |
| 0  | 0.0   | 21   | Racing  |
| 1  | 0.3   | 22   | Speeding (Above the Speed Limit)              |
| RULES OF THE ROAD - TRAFFIC SIGN & SIGNALS |       |      |   |
| 0  | 0.0   | 39   | Fail to Obey Traffic Control Device Generally |
| 9  | 3.0   | 99   | Unknown Violation                             |

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|              |               |           |               |
|--------------|---------------|-----------|---------------|
| Variable 235 | DRIVER HEIGHT | Width: 2  | Type: Numeric |
|              |               | Dec: None | Miss: 99      |

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| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 6 | 2.0   | 60   |                       |
|   |       | -    | Actual inches         |
| 3 | 1.0   | 76   |                       |
| 4 | 1.3   | 99   | Unknown               |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS DRIVER VARIABLES

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|              |               |           |               |
|--------------|---------------|-----------|---------------|
| Variable 236 | DRIVER WEIGHT | Width: 3  | Type: Numeric |
|              |               | Dec: None | Miss: 999     |

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| N  | Prcnt | Code | Value and Description   |
|----|-------|------|-------------------------|
| 1  | 0.3   | 75   |                         |
|    |       | -    | Actual weight in pounds |
| 1  | 0.3   | 378  |                         |
| 0  | 0.0   | 998  | Other                   |
| 95 | 31.9  | 999  | Unknown                 |

The OCCUPANT Variables

Variables 306 through 363 describe the occupant of the truck (i.e., the driver) and are obtained from the FARS occupant file.

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|              |                 |           |               |
|--------------|-----------------|-----------|---------------|
| Variable 306 | OCCUPANT NUMBER | Width: 2  | Type: Numeric |
|              |                 | Dec: None | Miss: 0       |

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| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 2   | 0.7   | 0    | None                  |
| 296 | 99.3  | 1    | Occupant #1           |

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|              |              |           |               |
|--------------|--------------|-----------|---------------|
| Variable 308 | OCCUPANT AGE | Width: 2  | Type: Numeric |
|              |              | Dec: None | Miss: 99      |

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| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 1  | 0.3   | 22   | 22 years              |
| 1  | 0.3   | 24   | 24 years              |
| 4  | 1.3   | 25   | 25 years              |
| 1  | 0.3   | 26   | 26 years              |
| 4  | 1.3   | 27   | 27 years              |
| 3  | 1.0   | 28   | 28 years              |
| 4  | 1.3   | 29   | 29 years              |
| 4  | 1.3   | 30   | 30 years              |
| 8  | 2.7   | 31   | 31 years              |
| 2  | 0.7   | 32   | 32 years              |
| 7  | 2.3   | 33   | 33 years              |
| 9  | 3.0   | 34   | 34 years              |
| 4  | 1.3   | 35   | 35 years              |
| 7  | 2.3   | 36   | 36 years              |
| 8  | 2.7   | 37   | 37 years              |
| 11 | 3.7   | 38   | 38 years              |
| 9  | 3.0   | 39   | 39 years              |
| 7  | 2.3   | 40   | 40 years              |
| 7  | 2.3   | 41   | 41 years              |
| 6  | 2.0   | 42   | 42 years              |
| 13 | 4.4   | 43   | 43 years              |
| 10 | 3.4   | 44   | 44 years              |
| 10 | 3.4   | 45   | 45 years              |
| 10 | 3.4   | 46   | 46 years              |
| 6  | 2.0   | 47   | 47 years              |
| 12 | 4.0   | 48   | 48 years              |
| 6  | 2.0   | 49   | 49 years              |
| 10 | 3.4   | 50   | 50 years              |
| 11 | 3.7   | 51   | 51 years              |
| 12 | 4.0   | 52   | 52 years              |
| 4  | 1.3   | 53   | 53 years              |
| 5  | 1.7   | 54   | 54 years              |
| 9  | 3.0   | 55   | 55 years              |
| 4  | 1.3   | 56   | 56 years              |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

## Variable 308:OCCUPANT AGE (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 11 | 3.7   | 57   | 57 years              |
| 2  | 0.7   | 58   | 58 years              |
| 9  | 3.0   | 59   | 59 years              |
| 8  | 2.7   | 60   | 60 years              |
| 2  | 0.7   | 61   | 61 years              |
| 8  | 2.7   | 62   | 62 years              |
| 2  | 0.7   | 63   | 63 years              |
| 5  | 1.7   | 64   | 64 years              |
| 5  | 1.7   | 66   | 66 years              |
| 2  | 0.7   | 67   | 67 years              |
| 3  | 1.0   | 68   | 68 years              |
| 3  | 1.0   | 69   | 69 years              |
| 1  | 0.3   | 71   | 71 years              |
| 1  | 0.3   | 74   | 74 years              |
| 1  | 0.3   | 77   | 77 years              |
| 1  | 0.3   | 78   | 78 years              |
| 3  | 1.0   | 79   | 79 years              |
| 2  | 0.7   | 99   | Unknown               |

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|              |              |           |               |
|--------------|--------------|-----------|---------------|
| Variable 309 | OCCUPANT SEX | Width: 1  | Type: Numeric |
|              |              | Dec: None | Miss: 9       |

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| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 200 | 67.1  | 1    | Male                  |
| 96  | 32.2  | 2    | Female                |
| 2   | 0.7   | 9    | Unknown               |

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|              |               |           |               |
|--------------|---------------|-----------|---------------|
| Variable 310 | OCCUPANT TYPE | Width: 2  | Type: Numeric |
|              |               | Dec: None | Miss: 99      |

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| N   | Prcnt | Code | Value and Description                                 |
|-----|-------|------|---|
| 296 | 99.3  | 1    | Driver of a motor vehicle in transport                |
| 0   | 0.0   | 9    | Unknown occupant type in a motor vehicle in transport |
| 2   | 0.7   | 99   | Unknown occupant type                                 |

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|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 311 | OCC SEATING POSITION | Width: 2  | Type: Numeric |
|              |                      | Dec: None | Miss: 99      |

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| N   | Prcnt | Code | Value and Description                  |
|-----|-------|------|--|
| 296 | 99.3  | 11   | Front seat - left side (driver's side) |
| 2   | 0.7   | 99   | Unknown                                |

---

|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 312 | RESTRAINT SYSTEM USE | Width: 2  | Type: Numeric |
|              |                      | Dec: None | Miss: 99      |

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RESTRAINT SYSTEM USE

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|--|
| 31  | 10.4  | 0    | None used (vehicle occupant) or not applicable (nonmotorist) |
| 2   | 0.7   | 1    | Shoulder belt  |
| 64  | 21.5  | 2    | Lap belt   |
| 149 | 50.0  | 3    | Lap and shoulder belt  |
| 14  | 4.7   | 8    | Restraint used - type unknown or other                       |
| 1   | 0.3   | 13   | Safety belt used improperly                                  |
| 37  | 12.4  | 99   | Unknown  |

---

|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 313 | AIR BAG AVAIL/DEPLOY | Width: 2  | Type: Numeric |
|              |                      | Dec: None | Miss: 99      |

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AIRBAG AVAILABILITY - DEPLOYMENT

| N                            | Prcnt | Code | Value and Description                       |
|------------------------------|-------|------|---|
| 0                            | 0.0   | 0    | Nonmotorist                                 |
| Deployed (For This Seat)     |       |      |   |
| 9                            | 3.0   | 1    | From the FRONT                              |
| 0                            | 0.0   | 2    | From the SIDE                               |
| 0                            | 0.0   | 7    | From OTHER direction                        |
| 0                            | 0.0   | 8    | From MULTIPLE direction                     |
| 2                            | 0.7   | 9    | From UNKNOWN direction                      |
| Not Deployed (for this seat) |       |      |   |
| 3                            | 1.0   | 20   | Airbag available - NO DEPLOYMENT            |
| 0                            | 0.0   | 28   | Airbag available - SWITCHED OFF             |
| Unknown if Deployed          |       |      |   |
| 3                            | 1.0   | 29   | Airbag available - UNKNOWN IF DEPLOYED      |
| Not Available                |       |      |   |
| 280                          | 94.0  | 30   | Not available (this seat)                   |
| 0                            | 0.0   | 31   | PREVIOUSLY DEPLOYED/NOT REPLACED            |
| 0                            | 0.0   | 32   | DISABLED/REMOVED                            |
| 1                            | 0.3   | 99   | Unknown if airbag available (for this seat) |

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|              |                   |           |               |
|--------------|-------------------|-----------|---------------|
| Variable 314 | OCCUPANT EJECTION | Width: 1  | Type: Numeric |
|              |                   | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description        |
|-----|-------|------|------------------------------|
| 291 | 97.7  | 0    | Not ejected - not applicable |
| 3   | 1.0   | 1    | Totally ejected              |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

## Variable 314: OCCUPANT EJECTION (Continued)

| N | Prcnt | Code | Value and Description |
|---|-------|------|-----------------------|
| 1 | 0.3   | 2    | Partially ejected     |
| 3 | 1.0   | 9    | Unknown               |

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|              |               |           |               |
|--------------|---------------|-----------|---------------|
| Variable 315 | EJECTION PATH | Width: 1  | Type: Numeric |
|              |               | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description                        |
|-----|-------|------|--|
| 291 | 97.7  | 0    | Not Ejected: N/A                             |
| 1   | 0.3   | 1    | Side door opening                            |
| 0   | 0.0   | 2    | Side window                                  |
| 1   | 0.3   | 3    | Windshield                                   |
| 0   | 0.0   | 4    | Back window                                  |
| 0   | 0.0   | 5    | Back door/tailgate opening                   |
| 0   | 0.0   | 6    | Roof opening (sunroof, convertible top down) |
| 0   | 0.0   | 7    | Roof (convertible top up)                    |
| 0   | 0.0   | 8    | Other path (e.g., back of pick-up truck)     |
| 5   | 1.7   | 9    | Unknown/unknown path                         |

---

|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 316 | OCCUPANT EXTRICATION | Width: 1  | Type: Numeric |
|              |                      | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description           |
|-----|-------|------|---------------------------------|
| 290 | 97.3  | 0    | Not extricated - not applicable |
| 4   | 1.3   | 1    | Extricated                      |
| 4   | 1.3   | 9    | Unknown                         |

---

|              |                  |           |               |
|--------------|------------------|-----------|---------------|
| Variable 321 | DRUG INVOLVEMENT | Width: 1  | Type: Numeric |
|              |                  | Dec: None | Miss: 9       |

---

## POLICE REPORTED OTHER DRUG INVOLVEMENT

| N   | Prcnt | Code | Value and Description                |
|-----|-------|------|--------------------------------------|
| 112 | 37.6  | 0    | No (other drugs not involved)        |
| 3   | 1.0   | 1    | Yes (other drugs involved)           |
| 167 | 56.0  | 8    | Not Reported                         |
| 16  | 5.4   | 9    | Unknown (police reported as unknown) |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS OCCUPANT VARIABLES

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|              |                    |           |               |
|--------------|--------------------|-----------|---------------|
| Variable 322 | DRUG DETERMINATION | Width: 1  | Type: Numeric |
|              |                    | Dec: None | Miss: 8       |

---

METHOD OTHER DRUG DETERMINATION (POLICE)

| N   | Prcnt | Code | Value and Description                        |
|-----|-------|------|--|
| 11  | 3.7   | 1    | Evidential Test (blood, urine)               |
| 0   | 0.0   | 2    | Drug Recognition Technician (DRT) determined |
| 4   | 1.3   | 3    | Behavioral                                   |
| 12  | 4.0   | 7    | Other  |
| 271 | 90.9  | 8    | Not Reported                                 |

---

|              |                   |           |               |
|--------------|-------------------|-----------|---------------|
| Variable 323 | DRUG TEST TYPE #1 | Width: 1  | Type: Numeric |
|              |                   | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description       |
|-----|-------|------|-----------------------------|
| 190 | 63.8  | 0    | Not Tested For Drugs        |
| 30  | 10.1  | 1    | Blood Test                  |
| 10  | 3.4   | 2    | Urine Test                  |
| 4   | 1.3   | 3    | Both: Blood and Urine       |
| 2   | 0.7   | 7    | Unknown Test Type           |
| 0   | 0.0   | 8    | Other Type Test             |
| 62  | 20.8  | 9    | Unknown if Tested for Drugs |

---

|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 324 | DRUG TEST RESULTS #1 | Width: 3  | Type: Numeric |
|              |                      | Dec: None | Miss: 999     |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 190 | 63.8  | 0    | Not Tested For Drugs  |
| 32  | 10.7  | 1    | No Drugs Reported     |
| 0   | 0.0   | 100  | - Narcotic Drug       |
| 0   | 0.0   | 295  |                       |
| 0   | 0.0   | 300  | - Depressant Drug     |
| 0   | 0.0   | 395  |                       |
| 0   | 0.0   | 400  | - Stimulant Drug      |
| 0   | 0.0   | 495  |                       |
| 0   | 0.0   | 500  | - Hallucinogen Drug   |
| 0   | 0.0   | 595  |                       |
| 0   | 0.0   | 600  | - Cannabinoid Drug    |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

## Variable 324: DRUG TEST RESULTS #1 (Continued)

| N  | Prcnt | Code | Value and Description                       |
|----|-------|------|---|
| 0  | 0.0   | 695  |   |
| 0  | 0.0   | 700  |   |
| 0  | 0.0   | 795  | - Phencyclidine (PCP)                       |
| 0  | 0.0   | 800  |   |
| 0  | 0.0   | 895  | - Anabolic Steroid                          |
| 0  | 0.0   | 900  |   |
| 0  | 0.0   | 995  | - Inhalant Drug                             |
| 1  | 0.3   | 996  | Other Drug                                  |
| 9  | 3.0   | 997  | Tested For Drugs, Results Unknown           |
| 0  | 0.0   | 998  | Tested For Drugs, Drugs Found, Type Unknown |
| 62 | 20.8  | 999  | Unknown if Tested for Drugs                 |

---

|              |                   |           |               |
|--------------|-------------------|-----------|---------------|
| Variable 325 | DRUG TEST TYPE #2 | Width: 1  | Type: Numeric |
|              |                   | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description       |
|-----|-------|------|-----------------------------|
| 259 | 86.9  | 0    | Not Tested For Drugs        |
| 5   | 1.7   | 1    | Blood Test                  |
| 2   | 0.7   | 2    | Urine Test                  |
| 0   | 0.0   | 3    | Both: Blood and Urine       |
| 0   | 0.0   | 7    | Unknown Test Type           |
| 0   | 0.0   | 8    | Other Type Test             |
| 32  | 10.7  | 9    | Unknown if Tested for Drugs |

---

|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 326 | DRUG TEST RESULTS #2 | Width: 3  | Type: Numeric |
|              |                      | Dec: None | Miss: 999     |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 259 | 86.9  | 0    | Not Tested For Drugs  |
| 4   | 1.3   | 1    | No Drugs Reported     |
| 0   | 0.0   | 100  |                       |
| 0   | 0.0   | 295  | - Narcotic Drug       |
| 0   | 0.0   | 300  |                       |
| 0   | 0.0   | 395  | - Depressant Drug     |

Variable 326:DRUG TEST RESULTS #2 (Continued)

| N  | Prcnt | Code | Value and Description                       |
|----|-------|------|---|
| 0  | 0.0   | 400  |   |
|    |       | -    | Stimulant Drug                              |
| 0  | 0.0   | 495  |   |
| 0  | 0.0   | 500  |   |
|    |       | -    | Hallucinogen Drug                           |
| 0  | 0.0   | 595  |   |
| 0  | 0.0   | 600  |   |
|    |       | -    | Cannabinoid Drug                            |
| 0  | 0.0   | 695  |   |
| 0  | 0.0   | 700  |   |
|    |       | -    | Phencylidine (PCP)                          |
| 0  | 0.0   | 795  |   |
| 0  | 0.0   | 800  |   |
|    |       | -    | Anabolic Steroid                            |
| 0  | 0.0   | 895  |   |
| 0  | 0.0   | 900  |   |
|    |       | -    | Inhalant Drug                               |
| 0  | 0.0   | 995  |   |
| 1  | 0.3   | 996  | Other Drug                                  |
| 0  | 0.0   | 997  | Tested For Drugs, Results Unknown           |
| 0  | 0.0   | 998  | Tested For Drugs, Drugs Found, Type Unknown |
| 32 | 10.7  | 999  | Unknown if Tested for Drugs                 |

---

|              |                   |           |               |
|--------------|-------------------|-----------|---------------|
| Variable 327 | DRUG TEST TYPE #3 | Width: 1  | Type: Numeric |
|              |                   | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description       |
|-----|-------|------|-----------------------------|
| 260 | 87.2  | 0    | Not Tested For Drugs        |
| 5   | 1.7   | 1    | Blood Test                  |
| 1   | 0.3   | 2    | Urine Test                  |
| 0   | 0.0   | 3    | Both: Blood and Urine       |
| 0   | 0.0   | 7    | Unknown Test Type           |
| 0   | 0.0   | 8    | Other Type Test             |
| 32  | 10.7  | 9    | Unknown if Tested for Drugs |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

|              |                      |           |               |
|--------------|----------------------|-----------|---------------|
| Variable 328 | DRUG TEST RESULTS #3 | Width: 3  | Type: Numeric |
|              |                      | Dec: None | Miss: 999     |

| N   | Prcnt | Code | Value and Description                       |
|-----|-------|------|---|
| 260 | 87.2  | 0    | Not Tested For Drugs                        |
| 4   | 1.3   | 1    | No Drugs Reported                           |
| 0   | 0.0   | 100  | - Narcotic Drug                             |
| 0   | 0.0   | 295  |   |
| 0   | 0.0   | 300  | - Depressant Drug                           |
| 0   | 0.0   | 395  |   |
| 0   | 0.0   | 400  | - Stimulant Drug                            |
| 0   | 0.0   | 495  |   |
| 0   | 0.0   | 500  | - Hallucinogen Drug                         |
| 0   | 0.0   | 595  |   |
| 0   | 0.0   | 600  | - Cannabinoid Drug                          |
| 0   | 0.0   | 695  |   |
| 0   | 0.0   | 700  | - Phencyclidine (PCP)                       |
| 0   | 0.0   | 795  |   |
| 0   | 0.0   | 800  | - Anabolic Steroid                          |
| 0   | 0.0   | 895  |   |
| 0   | 0.0   | 900  | - Inhalant Drug                             |
| 0   | 0.0   | 995  |   |
| 0   | 0.0   | 996  | Other Drug                                  |
| 0   | 0.0   | 997  | Tested For Drugs, Results Unknown           |
| 0   | 0.0   | 998  | Tested For Drugs, Drugs Found, Type Unknown |
| 32  | 10.7  | 999  | Unknown if Tested for Drugs                 |

|              |                          |           |               |
|--------------|--------------------------|-----------|---------------|
| Variable 329 | OCCUPANT INJURY SEVERITY | Width: 1  | Type: Numeric |
|              |                          | Dec: None | Miss: 9       |

| N   | Prcnt | Code | Value and Description                |
|-----|-------|------|--------------------------------------|
| 202 | 67.8  | 0    | O - no injury                        |
| 41  | 13.8  | 1    | C - possible injury                  |
| 27  | 9.1   | 2    | B - nonincapacitating evident injury |
| 14  | 4.7   | 3    | A - incapacitating injury            |

Variable 329:OCCUPANT INJURY SEVERITY (Continued)

| N  | Prcnt | Code | Value and Description     |
|----|-------|------|---------------------------|
| 11 | 3.7   | 4    | K - fatal injury          |
| 0  | 0.0   | 5    | Injured, severity unknown |
| 0  | 0.0   | 6    | Died prior to accident    |
| 3  | 1.0   | 9    | Unknown                   |

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|              |                       |           |               |
|--------------|-----------------------|-----------|---------------|
| Variable 330 | OCC TAKEN TO HOSPITAL | Width: 1  | Type: Numeric |
|              |                       | Dec: None | Miss: 9       |

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TAKEN TO HOSPITAL OR TREATMENT FACILITY

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 225 | 75.5  | 0    | No                    |
| 67  | 22.5  | 1    | Yes                   |
| 0   | 0.0   | 7    | Died at the scene     |
| 0   | 0.0   | 8    | Died En Route         |
| 6   | 2.0   | 9    | Unknown               |

---

|              |                        |           |               |
|--------------|------------------------|-----------|---------------|
| Variable 331 | OCC DEATH DATE - MONTH | Width: 2  | Type: Numeric |
|              |                        | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 285 | 95.6  | 0    | Not applicable        |
| 0   | 0.0   | 1    | January               |
| 0   | 0.0   | 2    | February              |
| 2   | 0.7   | 3    | March                 |
| 0   | 0.0   | 4    | April                 |
| 1   | 0.3   | 5    | May                   |
| 2   | 0.7   | 6    | June                  |
| 1   | 0.3   | 7    | July                  |
| 0   | 0.0   | 8    | August                |
| 1   | 0.3   | 9    | September             |
| 3   | 1.0   | 10   | October               |
| 0   | 0.0   | 11   | November              |
| 1   | 0.3   | 12   | December              |
| 2   | 0.7   | 99   | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

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|                     |                             |                  |                      |
|---------------------|-----------------------------|------------------|----------------------|
| <b>Variable 332</b> | <b>OCC DEATH DATE - DAY</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                     |                             | <b>Dec: None</b> | <b>Miss: 99</b>      |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 285 | 95.6  | 0    | Not applicable        |
| 0   | 0.0   | 1    |                       |
|     |       |      | - Day of month        |
| 0   | 0.0   | 31   |                       |
| 2   | 0.7   | 99   | Unknown               |

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|                     |                              |                  |                      |
|---------------------|------------------------------|------------------|----------------------|
| <b>Variable 333</b> | <b>OCC DEATH DATE - YEAR</b> | <b>Width: 4</b>  | <b>Type: Numeric</b> |
|                     |                              | <b>Dec: None</b> | <b>Miss: 9999</b>    |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 285 | 95.6  | 0    | Not applicable        |
| 11  | 3.7   | 2002 |                       |
| 2   | 0.7   | 9999 | Unknown               |

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|                     |                               |                  |                      |
|---------------------|-------------------------------|------------------|----------------------|
| <b>Variable 334</b> | <b>OCC DEATH TIME - HOURS</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                     |                               | <b>Dec: None</b> | <b>Miss: 99</b>      |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 286 | 96.0  | 0    | 12:01 am - 12:59 am   |
| 1   | 0.3   | 4    | 4:00 am - 4:59 am     |
| 1   | 0.3   | 5    | 5:00 am - 5:59 am     |
| 2   | 0.7   | 6    | 6:00 am - 6:59 am     |
| 2   | 0.7   | 10   | 10:00 am - 10:59 am   |
| 1   | 0.3   | 13   | 1:00 pm - 1:59 pm     |
| 1   | 0.3   | 16   | 4:00 pm - 4:59 pm     |
| 1   | 0.3   | 18   | 6:00 pm - 6:59 pm     |
| 1   | 0.3   | 23   | 11:00 pm - 11:59 pm   |
| 2   | 0.7   | 99   | Unknown               |

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|                     |                                 |                  |                      |
|---------------------|---------------------------------|------------------|----------------------|
| <b>Variable 335</b> | <b>OCC DEATH TIME - MINUTES</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                     |                                 | <b>Dec: None</b> | <b>Miss: 99</b>      |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 285 | 95.6  | 0    |                       |
|     |       |      | - Minute              |
| 0   | 0.0   | 59   |                       |
| 2   | 0.7   | 99   | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
 FARS OCCUPANT VARIABLES

Variable 336      LAG TIME ACC/DEATH - HRS      Width: 3      Type: Numeric  
 Dec:    None      Miss: 999

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|------------------------|
| 6   | 2.0   | 0    | - Actual time in hours |
| 1   | 0.3   | 2    |                        |
| 287 | 96.3  | 999  | Unknown                |

Variable 342      OCC FATAL INJURY AT WORK      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

| N   | Prcnt | Code | Value and Description           |
|-----|-------|------|---------------------------------|
| 0   | 0.0   | 0    | No                              |
| 5   | 1.7   | 1    | Yes                             |
| 285 | 95.6  | 8    | Not Applicable (not a fatality) |
| 8   | 2.7   | 9    | Unknown                         |

Variable 345      OCC ALCOHOL INVOLVEMENT      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

| N   | Prcnt | Code | Value and Description     |
|-----|-------|------|---------------------------|
| 208 | 69.8  | 0    | No (alcohol not involved) |
| 0   | 0.0   | 1    | Yes (alcohol involved)    |
| 66  | 22.1  | 8    | Not reported              |
| 24  | 8.1   | 9    | Unknown (police reported) |

Variable 346      OCC METH ALC DETERMINAT      Width: 1      Type: Numeric  
 Dec:    None      Miss: 9

METHOD OF ALCOHOL DETERMINATION (POLICE)

| N   | Prcnt | Code | Value and Description                  |
|-----|-------|------|--|
| 18  | 6.0   | 1    | Evidential test (breath, blood, urine) |
| 10  | 3.4   | 2    | Preliminary Breath Test (PBT)          |
| 2   | 0.7   | 3    | Behavioral                             |
| 0   | 0.0   | 4    | Passive Alcohol Sensor (PAS)           |
| 30  | 10.1  | 5    | Observed                               |
| 2   | 0.7   | 8    | Other (e.g., saliva test)              |
| 236 | 79.2  | 9    | Not reported                           |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

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|                     |                          |                  |                      |
|---------------------|--------------------------|------------------|----------------------|
| <b>Variable 347</b> | <b>ALCOHOL TEST TYPE</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                     |                          | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|------------------------|
| 168 | 56.4  | 0    | Not tested for Alcohol |
| 60  | 20.1  | 1    | Whole Blood            |
| 9   | 3.0   | 2    | Breath "BAC"           |
| 5   | 1.7   | 3    | Urine                  |
| 0   | 0.0   | 4    | Vitreous               |
| 0   | 0.0   | 5    | Blood Plasma/Serum     |
| 0   | 0.0   | 6    | Blood Clot             |
| 0   | 0.0   | 7    | Liver                  |
| 0   | 0.0   | 8    | Other Test Type        |
| 56  | 18.8  | 9    | Unknown                |

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|                     |                                |                 |                      |
|---------------------|--------------------------------|-----------------|----------------------|
| <b>Variable 348</b> | <b>OCC ALCOHOL TEST RESULT</b> | <b>Width: 2</b> | <b>Type: Numeric</b> |
|                     |                                | <b>Dec: 2</b>   | <b>Miss: 0.99</b>    |

---

| N   | Prcnt | Code | Value and Description                                 |
|-----|-------|------|---|
| 64  | 21.5  | 0.00 | BAC result < 0.01%<br>- Result value (grams/100 ml) % |
| 1   | 0.3   | 0.04 |   |
| 1   | 0.3   | 0.95 | Test refused  |
| 167 | 56.0  | 0.96 | None given  |
| 15  | 5.0   | 0.97 | AC test performed, results unknown                    |
| 48  | 16.1  | 0.99 | Unknown   |

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|                     |             |                  |                      |
|---------------------|-------------|------------------|----------------------|
| <b>Variable 361</b> | <b>RACE</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                     |             | <b>Dec: None</b> | <b>Miss: 99</b>      |

---

| N   | Prcnt | Code | Value and Description     |
|-----|-------|------|---------------------------|
| 287 | 96.3  | 0    | Not applicable            |
| 3   | 1.0   | 1    | White                     |
| 2   | 0.7   | 2    | Black                     |
| 0   | 0.0   | 3    | American Indian           |
|     |       |      | Asian or Pacific Islander |
| 0   | 0.0   | 4    | Chinese                   |
| 0   | 0.0   | 5    | Japanese                  |
| 0   | 0.0   | 6    | Hawaiian                  |
| 0   | 0.0   | 7    | Filipino                  |
| 0   | 0.0   | 18   | Asian Indian              |
| 0   | 0.0   | 28   | Korean                    |
| 0   | 0.0   | 38   | Samoaan                   |
| 0   | 0.0   | 48   | Vietnamese                |
| 0   | 0.0   | 58   | Guamanian                 |
| 0   | 0.0   | 68   | Other Asian               |

Variable 361:RACE (Continued)

| N | Prcnt | Code | Value and Description  |
|---|-------|------|------------------------|
| 0 | 0.0   | 78   | Asian\Pacific Islander |
| 0 | 0.0   | 98   | All other races        |
| 6 | 2.0   | 99   | Unknown                |

---

|              |                 |           |               |
|--------------|-----------------|-----------|---------------|
| Variable 362 | HISPANIC ORIGIN | Width: 2  | Type: Numeric |
|              |                 | Dec: None | Miss: 99      |

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| N   | Prcnt | Code | Value and Description     |
|-----|-------|------|---------------------------|
| 287 | 96.3  | 0    | Not applicable            |
| 0   | 0.0   | 1    | Mexican                   |
| 0   | 0.0   | 2    | Puerto Rican              |
| 0   | 0.0   | 3    | Cuban                     |
| 0   | 0.0   | 4    | Central or South American |
| 0   | 0.0   | 5    | Other Hispanic            |
| 0   | 0.0   | 6    | Hispanic - not specified  |
| 5   | 1.7   | 7    | Non-Hispanic              |
| 6   | 2.0   | 99   | Unknown                   |

---

|              |                     |           |               |
|--------------|---------------------|-----------|---------------|
| Variable 363 | OCC DEAD ON ARRIVAL | Width: 1  | Type: Numeric |
|              |                     | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 287 | 96.3  | 0    | Not applicable        |
| 8   | 2.7   | 7    | Died at scene         |
| 0   | 0.0   | 8    | Died En route         |
| 3   | 1.0   | 9    | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
FARS OCCUPANT VARIABLES

The SURVEY Variables

Information in variables 1110 through 1870 was collected by the BIFA interview.

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|               |          |           |               |
|---------------|----------|-----------|---------------|
| Variable 1110 | BUS MAKE | Width: 3  | Type: Numeric |
|               |          | Dec: None | Miss: 999     |

---

| N  | Prcnt | Code | Value and Description   |
|----|-------|------|-------------------------|
| 0  | 0.0   | 1    | AM General              |
| 4  | 1.3   | 7    | Dodge                   |
| 33 | 11.1  | 12   | Ford                    |
| 11 | 3.7   | 20   | Chevrolet               |
| 10 | 3.4   | 23   | GMC                     |
| 0  | 0.0   | 25   | Grumman                 |
| 0  | 0.0   | 51   | Volvo                   |
| 65 | 21.8  | 84   | International Harvester |
| 14 | 4.7   | 90   | Blue Bird               |
| 0  | 0.0   | 91   | Eagle Coach             |
| 20 | 6.7   | 92   | Gillig                  |
| 29 | 9.7   | 93   | MCI                     |
| 10 | 3.4   | 94   | Thomas Built            |
| 11 | 3.7   | 111  | Flxible                 |
| 6  | 2.0   | 112  | Neoplan                 |
| 10 | 3.4   | 113  | New Flyer               |
| 0  | 0.0   | 114  | Ontario                 |
| 12 | 4.0   | 115  | TMC                     |
| 6  | 2.0   | 116  | Orion                   |
| 4  | 1.3   | 117  | Prevost                 |
| 5  | 1.7   | 118  | Van Hool                |
| 45 | 15.1  | 998  | Other                   |
| 3  | 1.0   | 999  | Unknown                 |

---

|               |                    |           |                  |
|---------------|--------------------|-----------|------------------|
| Variable 1120 | FINAL MANUFACTURER | Width: 30 | Type: Alphabetic |
|               |                    | Dec: None | Miss: None       |

---

MANUFACTURER

| N   | Prcnt | Code | Value and Description  |
|-----|-------|------|------------------------|
| 14  | 4.7   |      | Amtram                 |
| 15  | 5.0   |      | Blue Bird              |
| 2   | 0.7   |      | Carpenter              |
| 1   | 0.3   |      | Collins                |
| 1   | 0.3   |      | Corbeil                |
| 4   | 1.3   |      | Eldorado National      |
| 1   | 0.3   |      | Goshen                 |
| 20  | 6.7   |      | Thomas Built           |
| 3   | 1.0   |      | Ward                   |
| 1   | 0.3   |      | Wayne                  |
| 236 | 79.2  |      | Not Applicable/Unknown |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

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|                      |                   |                  |                      |
|----------------------|-------------------|------------------|----------------------|
| <b>Variable 1130</b> | <b>MODEL YEAR</b> | <b>Width: 4</b>  | <b>Type: Numeric</b> |
|                      |                   | <b>Dec: None</b> | <b>Miss: 9999</b>    |

---

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 2  | 0.7   | 1976 | 1976                  |
| 3  | 1.0   | 1980 | 1980                  |
| 4  | 1.3   | 1981 | 1981                  |
| 4  | 1.3   | 1982 | 1982                  |
| 1  | 0.3   | 1983 | 1983                  |
| 2  | 0.7   | 1984 | 1984                  |
| 7  | 2.3   | 1985 | 1985                  |
| 7  | 2.3   | 1986 | 1986                  |
| 5  | 1.7   | 1987 | 1987                  |
| 4  | 1.3   | 1988 | 1988                  |
| 11 | 3.7   | 1989 | 1989                  |
| 11 | 3.7   | 1990 | 1990                  |
| 9  | 3.0   | 1991 | 1991                  |
| 9  | 3.0   | 1992 | 1992                  |
| 11 | 3.7   | 1993 | 1993                  |
| 12 | 4.0   | 1994 | 1994                  |
| 19 | 6.4   | 1995 | 1995                  |
| 25 | 8.4   | 1996 | 1996                  |
| 24 | 8.1   | 1997 | 1997                  |
| 23 | 7.7   | 1998 | 1998                  |
| 36 | 12.1  | 1999 | 1999                  |
| 30 | 10.1  | 2000 | 2000                  |
| 27 | 9.1   | 2001 | 2001                  |
| 10 | 3.4   | 2002 | 2002                  |
| 2  | 0.7   | 9999 | Unknown               |

---

|                      |                     |                  |                      |
|----------------------|---------------------|------------------|----------------------|
| <b>Variable 1140</b> | <b>FRONT OF BUS</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                      |                     | <b>Dec: None</b> | <b>Miss: 8</b>       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 118 | 39.6  | 1    | Conventional Hood     |
| 177 | 59.4  | 2    | Flat Front            |
| 3   | 1.0   | 8    | Unknown               |

---

|                      |                        |                  |                      |
|----------------------|------------------------|------------------|----------------------|
| <b>Variable 1150</b> | <b>ENGINE LOCATION</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                      |                        | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 154 | 51.7  | 1    | Rear                  |
| 141 | 47.3  | 2    | Front                 |
| 0   | 0.0   | 8    | Other                 |
| 3   | 1.0   | 9    | Unknown               |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

|               |                    |           |                  |
|---------------|--------------------|-----------|------------------|
| Variable 1190 | DESCRIPTION OF BUS | Width: 50 | Type: Alphabetic |
|               |                    | Dec: None | Miss: None       |

## BODY STYLE

| N  | Prcnt | Code Value and Description                                |
|----|-------|---|
| 1  | 0.3   | Alternative Fuel Full-Size School Bus                     |
| 15 | 5.0   | Alternative Fuel Heavy-Duty Transit Bus                   |
| 2  | 0.7   | Articulated Heavy-Duty Transit Bus                        |
| 1  | 0.3   | Electric Trolley Bus                                      |
| 1  | 0.3   | Full-size Conventional-hood bus                           |
| 60 | 20.1  | Full-Size School Bus                                      |
| 2  | 0.7   | Full-Size Shuttle Bus                                     |
| 1  | 0.3   | Full-Size Transit Bus                                     |
| 53 | 17.8  | Heavy-Duty Transit Bus                                    |
| 2  | 0.7   | Heavy-Duty Transit Bus With Wheelchair Lift               |
| 1  | 0.3   | Inmate Security Bus                                       |
| 10 | 3.4   | Large Passenger Van                                       |
| 2  | 0.7   | Large Passenger Van With Wheelchair Lift                  |
| 44 | 14.8  | Long-Distance Coach                                       |
| 2  | 0.7   | Long-Distance Coach With Wheelchair Lift                  |
| 1  | 0.3   | Medium-Duty Shuttle Bus on Truck-Based Chassis            |
| 2  | 0.7   | Mid-size Conventional Hood Bus                            |
| 18 | 6.0   | Mid-Size School Bus                                       |
| 1  | 0.3   | Paratransit Shuttle Bus                                   |
| 1  | 0.3   | Retired Full-Size School Bus With Trailer                 |
| 1  | 0.3   | Retired Mid-Size School Bus                               |
| 1  | 0.3   | Retired School Bus Converted to Security Bus With Trailer |
| 1  | 0.3   | Retired Small School Bus                                  |
| 1  | 0.3   | Retired Transit Bus Converted For Band Use                |
| 1  | 0.3   | School Bus  |
| 10 | 3.4   | Shorter Transit Bus                                       |
| 1  | 0.3   | Small Limosine Bus  |
| 10 | 3.4   | Small School Bus  |
| 1  | 0.3   | Small Shuttle Bus   |
| 4  | 1.3   | Small Shuttle Bus on Van-Based Chassis                    |
| 4  | 1.3   | Small Shuttle Bus With Wheelchair Lift                    |
| 4  | 1.3   | Special Needs Full-size School Bus                        |
| 5  | 1.7   | Special Needs Mid-size School Bus                         |
| 1  | 0.3   | Special Needs School Bus                                  |
| 2  | 0.7   | Special Needs Small School Bus                            |
| 1  | 0.3   | Transit Bus   |
| 5  | 1.7   | Trolley Replica Bus                                       |
| 25 | 8.4   | Unknown   |

|               |                 |           |               |
|---------------|-----------------|-----------|---------------|
| Variable 1200 | NUMBER OF AXLES | Width: 1  | Type: Numeric |
|               |                 | Dec: None | Miss: 9       |

## NUMBER OF AXLES

| N   | Prcnt | Code Value and Description |
|-----|-------|----------------------------|
| 242 | 81.2  | 2 2 axles                  |
| 48  | 16.1  | 3 3 axles                  |
| 8   | 2.7   | 9 Unknown                  |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

## Variable 1220: PASS SEATING CAPACITY (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 5  | 1.7   | 55   | 55 Seats              |
| 6  | 2.0   | 57   | 57 Seats              |
| 1  | 0.3   | 58   | 58 Seats              |
| 3  | 1.0   | 60   | 60 Seats              |
| 1  | 0.3   | 63   | 63 Seats              |
| 2  | 0.7   | 64   | 64 Seats              |
| 21 | 7.0   | 65   | 65 Seats              |
| 6  | 2.0   | 66   | 66 Seats              |
| 1  | 0.3   | 67   | 67 Seats              |
| 12 | 4.0   | 71   | 71 Seats              |
| 12 | 4.0   | 72   | 72 Seats              |
| 5  | 1.7   | 77   | 77 Seats              |
| 5  | 1.7   | 78   | 78 Seats              |
| 1  | 0.3   | 83   | 83 Seats              |
| 6  | 2.0   | 84   | 84 Seats              |
| 17 | 5.7   | 996  | 15 or more Seats      |
| 30 | 10.1  | 999  | Unknown               |

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Variable 1230 NUMBER OF PASSENGERS

---

Width: 3      Type: Numeric  
Dec:    None    Miss: 999

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 63 | 21.1  | 0    | 0 Passengers          |
| 9  | 3.0   | 1    | 1 Passenger           |
| 6  | 2.0   | 2    | 2 Passengers          |
| 9  | 3.0   | 3    | 3 Passengers          |
| 5  | 1.7   | 4    | 4 Passengers          |
| 10 | 3.4   | 5    | 5 Passengers          |
| 5  | 1.7   | 6    | 6 Passengers          |
| 3  | 1.0   | 7    | 7 Passengers          |
| 3  | 1.0   | 8    | 8 Passengers          |
| 5  | 1.7   | 9    | 9 Passengers          |
| 7  | 2.3   | 10   | 10 Passengers         |
| 4  | 1.3   | 11   | 11 Passengers         |
| 3  | 1.0   | 12   | 12 Passengers         |
| 3  | 1.0   | 13   | 13 Passengers         |
| 1  | 0.3   | 14   | 14 Passengers         |
| 2  | 0.7   | 15   | 15 Passengers         |
| 4  | 1.3   | 16   | 16 Passengers         |
| 2  | 0.7   | 17   | 17 Passengers         |
| 4  | 1.3   | 18   | 18 Passengers         |
| 2  | 0.7   | 19   | 19 Passengers         |
| 8  | 2.7   | 20   | 20 Passengers         |
| 2  | 0.7   | 21   | 21 Passengers         |
| 2  | 0.7   | 22   | 22 Passengers         |
| 4  | 1.3   | 23   | 23 Passengers         |
| 1  | 0.3   | 24   | 24 Passengers         |
| 4  | 1.3   | 25   | 25 Passengers         |
| 4  | 1.3   | 26   | 26 Passengers         |

Variable 1230:NUMBER OF PASSENGERS (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 1  | 0.3   | 27   | 27 Passengers         |
| 1  | 0.3   | 29   | 29 Passengers         |
| 7  | 2.3   | 30   | 30 Passengers         |
| 1  | 0.3   | 31   | 31 Passengers         |
| 2  | 0.7   | 32   | 32 Passengers         |
| 3  | 1.0   | 33   | 33 Passengers         |
| 1  | 0.3   | 34   | 34 Passengers         |
| 1  | 0.3   | 35   | 35 Passengers         |
| 1  | 0.3   | 36   | 36 Passengers         |
| 2  | 0.7   | 37   | 37 Passengers         |
| 1  | 0.3   | 38   | 38 Passengers         |
| 3  | 1.0   | 40   | 40 Passengers         |
| 1  | 0.3   | 42   | 42 Passengers         |
| 1  | 0.3   | 43   | 43 Passengers         |
| 2  | 0.7   | 44   | 44 Passengers         |
| 2  | 0.7   | 45   | 45 Passengers         |
| 5  | 1.7   | 47   | 47 Passengers         |
| 1  | 0.3   | 49   | 49 Passengers         |
| 1  | 0.3   | 50   | 50 Passengers         |
| 1  | 0.3   | 51   | 51 Passengers         |
| 1  | 0.3   | 52   | 52 Passengers         |
| 1  | 0.3   | 54   | 54 Passengers         |
| 1  | 0.3   | 55   | 55 Passengers         |
| 2  | 0.7   | 996  | 15 or more Passengers |
| 80 | 26.8  | 999  | Unknown               |

---

Variable 1240    GROSS VEH WEIGHT RATING                      Width: 1            Type: Numeric  
 Dec:    None                      Miss: 9

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 20  | 6.7   | 2    | 6,001 - 10,000 lbs.   |
| 9   | 3.0   | 3    | 10,001 - 14,000 lbs.  |
| 8   | 2.7   | 4    | 14,001 - 16,000 lbs.  |
| 0   | 0.0   | 5    | 16,001 - 19,500 lbs.  |
| 20  | 6.7   | 6    | 19,501 - 26,000 lbs.  |
| 64  | 21.5  | 7    | 26,001 - 33,000 lbs.  |
| 124 | 41.6  | 8    | 33,001 lbs. or more   |
| 53  | 17.8  | 9    | Unknown               |

---

Variable 1250    EMPTY WEIGHT    Width: 6            Type: Numeric  
 Dec:    None    Miss: 999999

| N | Prcnt | Code  | Value and Description |
|---|-------|-------|-----------------------|
| 3 | 1.0   | 5000  |                       |
|   |       |       | - Weight in pounds    |
| 1 | 0.3   | 42200 |                       |



Variable 1270:WIDTH (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 23 | 7.7   | 999  | Unknown               |

---

Variable 1280    GEN PASSENGER RESTRAINT    Width: 1    Type: Numeric  
 Dec:    None    Miss: 9

| N   | Prcnt | Code | Value and Description      |
|-----|-------|------|----------------------------|
| 215 | 72.1  | 1    | None                       |
| 30  | 10.1  | 2    | Lap Belts                  |
| 6   | 2.0   | 3    | Lap and Shoulder           |
| 1   | 0.3   | 7    | Lap Belts, front pass only |
| 2   | 0.7   | 8    | Other                      |
| 44  | 14.8  | 9    | Unknown                    |

---

Variable 1290    SPECIAL NEEDS RESTRAINT    Width: 1    Type: Numeric  
 Dec:    None    Miss: 9

| N   | Prcnt | Code | Value and Description           |
|-----|-------|------|---------------------------------|
| 143 | 48.0  | 1    | None                            |
| 20  | 6.7   | 2    | Wheelchair Securement           |
| 10  | 3.4   | 3    | Belts                           |
| 81  | 27.2  | 4    | Wheelchair securement and Belts |
| 0   | 0.0   | 8    | Other                           |
| 44  | 14.8  | 9    | Unknown                         |

---

Variable 1310    DESCRIPTION OF OPER AUTH    Width: 50    Type: Alphabetic  
 Dec:    None    Miss: None

OPERATING AUTHORITY

| N  | Prcnt | Code | Value and Description                    |
|----|-------|------|--|
| 1  | 0.3   |      | Adult Day care Facility                  |
| 1  | 0.3   |      | Casino Shuttle Service                   |
| 1  | 0.3   |      | Charter and Sightseeing Tour Service     |
| 27 | 9.1   |      | Charter service                          |
| 4  | 1.3   |      | Church Use                               |
| 1  | 0.3   |      | Community Youth Organization             |
| 35 | 11.7  |      | Contracted Carrier for School District   |
| 3  | 1.0   |      | Contracted Carrier for Transit Authority |







BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

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|                      |                            |                  |                      |
|----------------------|----------------------------|------------------|----------------------|
| <b>Variable 1370</b> | <b>OPERATING AUTHORITY</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                      |                            | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 19  | 6.4   | 1    | Private               |
| 80  | 26.8  | 2    | For hire              |
| 165 | 55.4  | 3    | Government owned      |
| 34  | 11.4  | 9    | Unknown               |

---

|                      |                  |                  |                      |
|----------------------|------------------|------------------|----------------------|
| <b>Variable 1380</b> | <b>TRIP TYPE</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                      |                  | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

| N   | Prcnt | Code | Value and Description               |
|-----|-------|------|-------------------------------------|
| 219 | 73.5  | 1    | Local delivery                      |
| 5   | 1.7   | 2    | 51 to 100 miles                     |
| 9   | 3.0   | 3    | 101 to 200 miles                    |
| 13  | 4.4   | 4    | 201 to 500 miles                    |
| 2   | 0.7   | 5    | Over 500 miles                      |
| 1   | 0.3   | 6    | Unknown over-the-road trip distance |
| 49  | 16.4  | 9    | Unknown                             |

---

|                      |                 |                  |                      |
|----------------------|-----------------|------------------|----------------------|
| <b>Variable 1410</b> | <b>ROLLOVER</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                      |                 | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 13  | 4.4   | 1    | Yes                   |
| 252 | 84.6  | 2    | No                    |
| 33  | 11.1  | 9    | Unknown               |

---

|                      |                          |                  |                      |
|----------------------|--------------------------|------------------|----------------------|
| <b>Variable 1420</b> | <b>DIRECTION OF ROLL</b> | <b>Width: 1</b>  | <b>Type: Numeric</b> |
|                      |                          | <b>Dec: None</b> | <b>Miss: 9</b>       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 6   | 2.0   | 1    | Left                  |
| 7   | 2.3   | 2    | Right                 |
| 252 | 84.6  | 3    | Not applicable        |
| 0   | 0.0   | 8    | Other                 |
| 33  | 11.1  | 9    | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

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Variable 1430    NUMBER OF QUARTER TURNS    Width: 2    Type: Numeric  
Dec:    None    Miss: 99

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 10  | 3.4   | 1    | 1 quarter turn        |
| 1   | 0.3   | 2    | 2 quarter turns       |
| 1   | 0.3   | 8    | 8 quarter turns       |
| 252 | 84.6  | 98   | Not applicable        |
| 34  | 11.4  | 99   | Unknown               |

---

Variable 1510    HOURS DRIVING    Width: 2    Type: Numeric  
Dec:    None    Miss: 99

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 51  | 17.1  | 1    | 1 hour                |
| 43  | 14.4  | 2    | 2 hours               |
| 28  | 9.4   | 3    | 3 hours               |
| 22  | 7.4   | 4    | 4 hours               |
| 12  | 4.0   | 5    | 5 hours               |
| 15  | 5.0   | 6    | 6 hours               |
| 6   | 2.0   | 7    | 7 hours               |
| 8   | 2.7   | 8    | 8 hours               |
| 3   | 1.0   | 9    | 9 hours               |
| 1   | 0.3   | 10   | 10 hours              |
| 2   | 0.7   | 12   | 12 hours              |
| 4   | 1.3   | 96   | Unknown but legal     |
| 103 | 34.6  | 99   | Unknown               |

---

Variable 1520    COMPENSATION-HOURLY    Width: 1    Type: Numeric  
Dec:    None    Miss: 9

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 184 | 61.7  | 1    | Yes                   |
| 56  | 18.8  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

Variable 1530    COMPENSATION-MILEAGE    Width: 1    Type: Numeric  
Dec:    None    Miss: 9

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 6   | 2.0   | 1    | Yes                   |
| 234 | 78.5  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

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|                      |                          |           |               |
|----------------------|--------------------------|-----------|---------------|
| <u>Variable 1540</u> | <u>COMPENSATION-TIPS</u> | Width: 1  | Type: Numeric |
|                      |                          | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 2   | 0.7   | 1    | Yes                   |
| 238 | 79.9  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

|                      |                               |           |               |
|----------------------|-------------------------------|-----------|---------------|
| <u>Variable 1550</u> | <u>COMPENSATION-% REVENUE</u> | Width: 1  | Type: Numeric |
|                      |                               | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 2   | 0.7   | 1    | Yes                   |
| 238 | 79.9  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

|                      |                            |           |               |
|----------------------|----------------------------|-----------|---------------|
| <u>Variable 1560</u> | <u>COMPENSATION-SALARY</u> | Width: 1  | Type: Numeric |
|                      |                            | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 17  | 5.7   | 1    | Yes                   |
| 223 | 74.8  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

|                      |                                |           |               |
|----------------------|--------------------------------|-----------|---------------|
| <u>Variable 1570</u> | <u>COMPENSATION-DRIVER OWN</u> | Width: 1  | Type: Numeric |
|                      |                                | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 8   | 2.7   | 1    | Yes                   |
| 232 | 77.9  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

|                      |                                |           |               |
|----------------------|--------------------------------|-----------|---------------|
| <u>Variable 1580</u> | <u>COMPENSATION-DRIVER VOL</u> | Width: 1  | Type: Numeric |
|                      |                                | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 3   | 1.0   | 1    | Yes                   |
| 237 | 79.5  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

Variable 1590    COMPENSATION—NOT A DRVR    Width: 1    Type: Numeric  
Dec:    None    Miss: 9

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 9   | 3.0   | 1    | Yes                   |
| 231 | 77.5  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

Variable 1600    COMPENSATION—OTHER    Width: 1    Type: Numeric  
Dec:    None    Miss: 9

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 18  | 6.0   | 1    | Yes                   |
| 222 | 74.5  | 2    | No                    |
| 58  | 19.5  | 9    | Unknown               |

---

Variable 1610    DESCRIBE COMPENSATION    Width: 50    Type: Alphabetic  
Dec:    None    Miss: None

| N   | Prcnt | Code | Value and Description                               |
|-----|-------|------|---|
| 2   | 0.7   |      | Church Volunteer                                    |
| 1   | 0.3   |      | Driver is also Field Foreman for Harvesting Company |
| 1   | 0.3   |      | Driver is Athletic Coach for School                 |
| 1   | 0.3   |      | Driver is Athletic Coach for School District        |
| 1   | 0.3   |      | Driver is Careworker for Organization               |
| 1   | 0.3   |      | Driver is Counselor at Day Camp of Organization     |
| 1   | 0.3   |      | Driver is Crew Foreman for Farm Workers             |
| 1   | 0.3   |      | Driver is Criminal Transportation Officer           |
| 1   | 0.3   |      | Driver is Owner/Operator of Shuttle Bus Business    |
| 1   | 0.3   |      | Driver on Test Run of Recently Refurbished Bus      |
| 1   | 0.3   |      | Driver Paid Greater of Hourly or Mileage            |
| 1   | 0.3   |      | Driver Received Gas Money From Passengers           |
| 1   | 0.3   |      | Driver was Taking Driving Test                      |
| 1   | 0.3   |      | Driver/Owner is also Band Leader                    |
| 1   | 0.3   |      | Greater of Mileage or Total Hours on Duty           |
| 8   | 2.7   |      | Paid by Day   |
| 4   | 1.3   |      | Paid by Route                                       |
| 3   | 1.0   |      | Paid by Trip  |
| 1   | 0.3   |      | Paid by Trip Plus Tips                              |
| 1   | 0.3   |      | Regular Bus Driver Volunteered to Drive this Trip   |
| 265 | 88.9  |      | Unknown   |

---

Variable 1710    ACCIDENT TYPE    Width: 2    Type: Numeric  
Dec:    None    Miss: 99

| N | Prcnt | Code | Value and Description                                    |
|---|-------|------|--|
| 1 | 0.3   | 0    | No impact  |
| 6 | 2.0   | 1    | Drive off road, right<br>— Diagram number (see appendix) |
| 1 | 0.3   | 97   | Untripped rollover                                       |

BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

## Variable 1710:ACCIDENT TYPE (Continued)

| N  | Prcnt | Code | Value and Description |
|----|-------|------|-----------------------|
| 16 | 5.4   | 98   | Other accident type   |
| 47 | 15.8  | 99   | Unknown               |

---

|               |                     |           |               |
|---------------|---------------------|-----------|---------------|
| Variable 1720 | PEDESTRIAN FATALITY | Width: 2  | Type: Numeric |
|               |                     | Dec: None | Miss: 99      |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 4   | 1.3   | 1    | Discharged Passenger  |
| 7   | 2.3   | 2    | Intended Passenger    |
| 63  | 21.1  | 3    | Not Related to Bus    |
| 0   | 0.0   | 98   | Other                 |
| 224 | 75.2  | 99   | Unknown               |

---

|               |                     |           |               |
|---------------|---------------------|-----------|---------------|
| Variable 1830 | INTERVIEW CONDUCTED | Width: 1  | Type: Numeric |
|               |                     | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 214 | 71.8  | 1    | Yes                   |
| 84  | 28.2  | 2    | No                    |
| 0   | 0.0   | 9    | Unknown               |

---

|               |               |           |               |
|---------------|---------------|-----------|---------------|
| Variable 1840 | POLICE REPORT | Width: 1  | Type: Numeric |
|               |               | Dec: None | Miss: 9       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 248 | 83.2  | 1    | Yes                   |
| 50  | 16.8  | 2    | No                    |
| 0   | 0.0   | 9    | Unknown               |

---

|               |          |           |               |
|---------------|----------|-----------|---------------|
| Variable 1850 | FAX/MAIL | Width: 1  | Type: Numeric |
|               |          | Dec: None | Miss: 9       |

---

Information received by fax or mail

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 56  | 18.8  | 1    | Yes                   |
| 242 | 81.2  | 2    | No                    |
| 0   | 0.0   | 9    | Unknown               |

Variables 1861 through 1870 indicate modifications to responses received from the interview. Also indicated here are deductions made by the editors to fill in missing data elements. The numbers coded in these variables are the question numbers on the interview form (see Appendix).

---

|               |                      |           |               |
|---------------|----------------------|-----------|---------------|
| Variable 1861 | 1ST QUESTION DERIVED | Width: 2  | Type: Numeric |
|               |                      | Dec: None | Miss: 0       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 135 | 45.3  | 0    | None                  |
| 32  | 10.7  | 8    | Question 8            |
| 131 | 44.0  | 16   | Question 16           |

---

|               |                      |           |               |
|---------------|----------------------|-----------|---------------|
| Variable 1862 | 2ND QUESTION DERIVED | Width: 2  | Type: Numeric |
|               |                      | Dec: None | Miss: 0       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 281 | 94.3  | 0    | None                  |
| 17  | 5.7   | 16   | Question 16           |

---

|               |                      |           |               |
|---------------|----------------------|-----------|---------------|
| Variable 1863 | 3RD QUESTION DERIVED | Width: 2  | Type: Numeric |
|               |                      | Dec: None | Miss: 0       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 298 | 100.0 | 0    | None                  |

---

|               |                      |           |               |
|---------------|----------------------|-----------|---------------|
| Variable 1864 | 4TH QUESTION DERIVED | Width: 2  | Type: Numeric |
|               |                      | Dec: None | Miss: 0       |

---

| N   | Prcnt | Code | Value and Description |
|-----|-------|------|-----------------------|
| 298 | 100.0 | 0    | None                  |



BUSES INVOLVED IN FATAL ACCIDENTS, 2002  
SURVEY VARIABLES

---

|                      |                             |                  |                      |
|----------------------|-----------------------------|------------------|----------------------|
| <b>Variable 1865</b> | <b>5TH QUESTION DERIVED</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                      |                             | <b>Dec: None</b> | <b>Miss: 0</b>       |

---

| N Prcnt | Code Value and Description |
|---------|----------------------------|
|---------|----------------------------|

|           |        |
|-----------|--------|
| 298 100.0 | 0 None |
|-----------|--------|

---

|                      |                             |                  |                      |
|----------------------|-----------------------------|------------------|----------------------|
| <b>Variable 1866</b> | <b>6TH QUESTION DERIVED</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                      |                             | <b>Dec: None</b> | <b>Miss: 0</b>       |

---

| N Prcnt | Code Value and Description |
|---------|----------------------------|
|---------|----------------------------|

|           |        |
|-----------|--------|
| 298 100.0 | 0 None |
|-----------|--------|

---

|                      |                             |                  |                      |
|----------------------|-----------------------------|------------------|----------------------|
| <b>Variable 1867</b> | <b>7TH QUESTION DERIVED</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                      |                             | <b>Dec: None</b> | <b>Miss: 0</b>       |

---

| N Prcnt | Code Value and Description |
|---------|----------------------------|
|---------|----------------------------|

|           |        |
|-----------|--------|
| 298 100.0 | 0 None |
|-----------|--------|

---

|                      |                             |                  |                      |
|----------------------|-----------------------------|------------------|----------------------|
| <b>Variable 1868</b> | <b>8TH QUESTION DERIVED</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                      |                             | <b>Dec: None</b> | <b>Miss: 0</b>       |

---

| N Prcnt | Code Value and Description |
|---------|----------------------------|
|---------|----------------------------|

|           |        |
|-----------|--------|
| 298 100.0 | 0 None |
|-----------|--------|

---

|                      |                             |                  |                      |
|----------------------|-----------------------------|------------------|----------------------|
| <b>Variable 1869</b> | <b>9TH QUESTION DERIVED</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                      |                             | <b>Dec: None</b> | <b>Miss: 0</b>       |

---

| N Prcnt | Code Value and Description |
|---------|----------------------------|
|---------|----------------------------|

|           |        |
|-----------|--------|
| 298 100.0 | 0 None |
|-----------|--------|

---

|                      |                              |                  |                      |
|----------------------|------------------------------|------------------|----------------------|
| <b>Variable 1870</b> | <b>10TH QUESTION DERIVED</b> | <b>Width: 2</b>  | <b>Type: Numeric</b> |
|                      |                              | <b>Dec: None</b> | <b>Miss: 0</b>       |

---

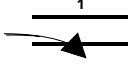
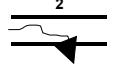
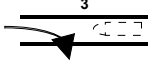

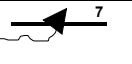




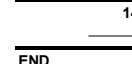

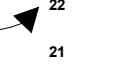
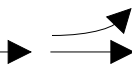
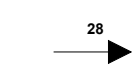
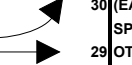
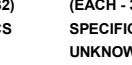

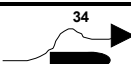



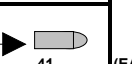




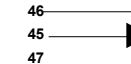

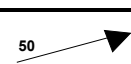
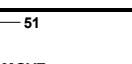
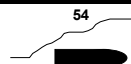
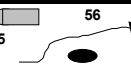
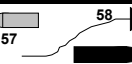

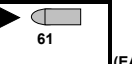



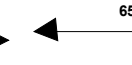

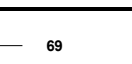

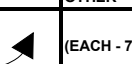
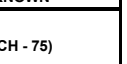

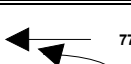
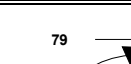

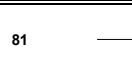

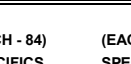


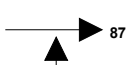





| N Prcnt | Code Value and Description |
|---------|----------------------------|
|---------|----------------------------|

|           |        |
|-----------|--------|
| 298 100.0 | 0 None |
|-----------|--------|

## **APPENDIX**



**ACCIDENT TYPES (INCLUDES INTENT)**

| CATEGORY   | CONFIGURATION                        |  | 4   | 5                                   |
|--|--------------------------------------|--|---|-------------------------------------|
| I<br>SINGLE<br>DRIVER                              | A.<br>RIGHT<br>ROADSIDE<br>DEPARTURE | <br>DRIVE OFF ROAD <br>CONTROL/<br>TRACTION LOSS <br>AVOID COLLISION<br>W/ VEHICLE, PEDESTRIAN, ANIMAL  | SPECIFICS<br>OTHER  | SPECIFICS<br>UNKNOWN                |
|  | B.<br>LEFT<br>ROADSIDE<br>DEPARTURE  | <br>DRIVE OFF ROAD <br>CONTROL/<br>TRACTION LOSS <br>AVOID COLLISION<br>W/VEHICLE, PEDESTRIAN, ANIMAL   | SPECIFICS<br>OTHER  | SPECIFICS<br>UNKNOWN                |
|  | C.<br>FORWARD<br>IMPACT              | <br>PARKED<br>VEHICLE <br>STATIONARY<br>OBJECT <br>PEDESTRIAN<br>ANIMAL <br>END<br>DEPARTURE   | SPECIFICS<br>OTHER  | SPECIFICS<br>UNKNOWN                |
| II<br>SAME<br>TRAFFICWAY<br>SAME<br>DIRECTION      | D.<br>REAR-END                       | <br>STOPPED<br>21,22,23 <br>21 <br>23 <br>SLOWER<br>25,26,27 <br>26 <br>27 <br>DECELERATING<br>29,30,31  | (EACH - 32)<br>SPECIFICS<br>OTHER   | (EACH - 33)<br>SPECIFICS<br>UNKNOWN |
|  | E.<br>FORWARD<br>IMPACT              | <br>CONTROL/<br>TRACTION LOSS <br>CONTROL/<br>TRACTION LOSS <br>CONTROL/<br>TRACTION LOSS <br>CONTROL/<br>TRACTION LOSS <br>AVOID COLLISION<br>WITH VEHICLE <br>AVOID COLLISION<br>WITH VEHICLE <br>AVOID COLLISION<br>WITH OBJECT               | (EACH - 42)<br>SPECIFICS<br>OTHER   | (EACH - 43)<br>SPECIFICS<br>UNKNOWN |
|  | F.<br>SIDESWIPE<br>ANGLE             | <br>44 <br>45 <br>46 <br>47   | (EACH - 48)<br>SPECIFICS<br>OTHER   | (EACH - 49)<br>SPECIFICS<br>UNKNOWN |
| III<br>SAME<br>TRAFFICWAY<br>OPPOSITE<br>DIRECTION | G.<br>HEAD-ON                        | <br>50 <br>51<br>LATERAL MOVE  | (EACH - 52)<br>SPECIFICS<br>OTHER   | (EACH - 53)<br>SPECIFICS<br>UNKNOWN |
|  | H.<br>FORWARD<br>IMPACT              | <br>CONTROL/<br>TRACTION LOSS <br>CONTROL/<br>TRACTION LOSS <br>CONTROL/<br>TRACTION LOSS <br>CONTROL/<br>TRACTION LOSS <br>AVOID COLLISION<br>WITH VEHICLE <br>AVOID COLLISION<br>WITH VEHICLE <br>AVOID COLLISION<br>WITH OBJECT | (EACH - 62)<br>SPECIFICS<br>OTHER   | (EACH - 63)<br>SPECIFICS<br>UNKNOWN |
|  | I.<br>SIDESWIPE/<br>ANGLE            | <br>64 <br>65<br>LATERAL MOVE  | (EACH - 66)<br>SPECIFICS<br>OTHER   | (EACH - 67)<br>SPECIFICS<br>UNKNOWN |
| IV<br>CHANGE<br>TRAFFICWAY<br>VEHICLE<br>TURNING   | J.<br>TURN<br>ACROSS<br>PATH         | <br>68 <br>69 <br>70 <br>71 <br>72 <br>73   | (EACH - 74)<br>SPECIFICS<br>OTHER   | (EACH - 75)<br>SPECIFICS<br>UNKNOWN |
|  | K.<br>TURN<br>INTO<br>PATH           | <br>76 <br>77 <br>78 <br>79 <br>80 <br>81 <br>82 <br>83   | (EACH - 84)<br>SPECIFICS<br>OTHER   | (EACH - 85)<br>SPECIFICS<br>UNKNOWN |
| V<br>INTERSECTING<br>PATH-VEHICLE<br>DAMAGE        | L.<br>STRAIGHT<br>PATHS              | <br>86 <br>87 <br>88 <br>89   | (EACH - 90)<br>SPECIFICS<br>OTHER   | (EACH - 91)<br>SPECIFICS<br>UNKNOWN |
| VI<br>MISC.  | M.<br>BACKING<br>ETC.                | <br>92<br>BACKING VEHICLE <br>93<br>OTHER VEHICLE<br>OR OBJECT   | 97 UNTRIPPED ROLLOVER<br>98 OTHER ACC TYPE<br>99 UNKNOWN ACC TYPE<br>00 NO IMPACT |                                     |



# CENTER FOR NATIONAL TRUCK & BUS STATISTICS BUSES INVOLVED IN FATAL ACCIDENTS SURVEY

Accident Date \_\_\_\_\_ / \_\_\_\_\_ / **2002**  
Month Day Year

## ACCIDENT IDENTIFICATION *(fill out prior to interview)*

1. FARS State Code 

|   |   |
|---|---|
|   |   |
| 1 | 2 |

 State of Accident \_\_\_\_\_

2. FARS Case No. 

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 3 | 4 | 5 | 6 |

3. FARS Vehicle No. 

|   |   |
|---|---|
|   |   |
| 7 | 8 |

*NOTE: Put all information and calculations on this form.*

## VEHICLE DESCRIPTION

4. Bus Make
- |                         |     |     |
|-------------------------|-----|-----|
| AM General              | [ ] | 001 |
| Dodge                   | [ ] | 007 |
| Ford                    | [ ] | 012 |
| Chevrolet               | [ ] | 020 |
| GMC                     | [ ] | 023 |
| International Harvester | [ ] | 084 |
| Blue Bird               | [ ] | 090 |
| Eagle Coach             | [ ] | 091 |
| Gillig                  | [ ] | 092 |
| MCI                     | [ ] | 093 |
| Thomas Built            | [ ] | 094 |
| Flxible/Grumman Flxible | [ ] | 111 |
| Neoplan                 | [ ] | 112 |
| New Flyer               | [ ] | 113 |
| Ontario                 | [ ] | 114 |
| TMC                     | [ ] | 115 |
| Orion                   | [ ] | 116 |
| Prevost                 | [ ] | 117 |
| Van Hool                | [ ] | 118 |
| Other _____             | [ ] | 998 |
- (Specify)* 9-11

5. Bus Model Year: 

|    |    |    |    |
|----|----|----|----|
|    |    |    |    |
| 32 | 33 | 34 | 35 |

6. Front of Bus  
Conventional hood 

|     |   |
|-----|---|
| [ ] | 1 |
|-----|---|

  
Flat Front 

|     |   |
|-----|---|
| [ ] | 2 |
|-----|---|

  
Other \_\_\_\_\_ 

|     |   |
|-----|---|
| [ ] | 8 |
|-----|---|

  
*(Specify)* 36

7. Engine Location  
Rear 

|     |   |
|-----|---|
| [ ] | 1 |
|-----|---|

  
Front 

|     |   |
|-----|---|
| [ ] | 2 |
|-----|---|

  
Other \_\_\_\_\_ 

|     |   |
|-----|---|
| [ ] | 8 |
|-----|---|

  
*(Specify)* 37

8. Fuel  
Gasoline 

|     |   |
|-----|---|
| [ ] | 1 |
|-----|---|

  
Diesel 

|     |   |
|-----|---|
| [ ] | 2 |
|-----|---|

  
CNG 

|     |   |
|-----|---|
| [ ] | 6 |
|-----|---|

  
LPG 

|     |   |
|-----|---|
| [ ] | 7 |
|-----|---|

  
Other \_\_\_\_\_ 

|     |   |
|-----|---|
| [ ] | 8 |
|-----|---|

  
*(Specify)* 38

9. Bus Model \_\_\_\_\_  
*(Name or No.) (Specify)*

Final-Stage Manufacturer \_\_\_\_\_ *(editor)*  
12-31

Bus Model \_\_\_\_\_ *(editor)*  
39 40 41 42 43 44 45 46 47 48

10. Bus Type:
- Type A School Bus
  - Type B School Bus
  - Type C School Bus
  - Type D School Bus
  - Flat Front (like transit or shuttle bus)
  - Big Cowl and Chassis
  - High Platform
  - Small Cowl and Chassis
  - Other \_\_\_\_\_
- (Specify)*

|     |    |
|-----|----|
| [ ] | 01 |
| [ ] | 02 |
| [ ] | 03 |
| [ ] | 04 |
| [ ] | 05 |
| [ ] | 06 |
| [ ] | 07 |
| [ ] | 08 |
| [ ] | 98 |

49-50

Describe the Bus:

-----

-----

51-100

*(editor)*

11. No. of Axles:

\_\_\_\_\_

101

17. Length:  
*(feet)*

\_\_\_\_\_

116   117   118

12. Body Style:

- Bus [ ] 1
- Large Van [ ] 2
- Mini Van [ ] 3
- Other [ ] 8

102

18. Width:  
*(inches)*

\_\_\_\_\_

119   120   121

13. Passenger Seating Capacity:

*(does not include driver but does include designated wheelchair spaces)*

\_\_\_\_\_

103   104   105

19. Type of restraint system for general passengers:

- None
  - Lap belts
  - Lap and shoulder belts
  - Lap belts, front passengers only
  - Other \_\_\_\_\_
- (Specify)*

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| [ ] | 3 |
| [ ] | 7 |
| [ ] | 8 |

122

14. Number of passengers on the bus at the time of the accident  
*(does not include driver)*

\_\_\_\_\_

106   107   108

20. Type of restraint system for special needs passengers:

- None
- Wheelchair securement
- Belts (attachment point on vehicle)
- Wheelchair securement and belts

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| [ ] | 3 |
| [ ] | 4 |

123

15. GVWR

\_\_\_\_\_ *(editor)*

109

16. Empty Weight:  
*(pounds)*

\_\_\_\_\_

110   111   112   113   114   115

**VEHICLE USE**

21. Describe Bus Operating Authority:

-----

-----

124-173

(editor)

22. Fleet Size:  
*(buses only)*

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 174 | 175 | 176 | 177 | 178 |
|-----|-----|-----|-----|-----|

No. Owned

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 179 | 180 | 181 | 182 | 183 |
|-----|-----|-----|-----|-----|

No. Leased

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 184 | 185 | 186 | 187 | 188 |
|-----|-----|-----|-----|-----|

23. Bus Operator Type:

- School District
- Urban transit authority
- Scheduled intercity
- Charter bus
- Private company (not pass. transport)
- Non-govt. organization
- Non-educational unit of govt.
- Private individual for personal  
-transportation
- Other \_\_\_\_\_  
*(Specify)*

|         |    |
|---------|----|
| [ ]     | 01 |
| [ ]     | 02 |
| [ ]     | 03 |
| [ ]     | 04 |
| [ ]     | 05 |
| [ ]     | 06 |
| [ ]     | 07 |
| [ ]     | 08 |
| [ ]     | 98 |
| 189-190 |    |

25. Operator : Private  
Carry passengers for hire  
Govt. owned

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| [ ] | 3 |
| 192 |   |

24. Within twelve months before the accident, did any of the operator's buses carry passengers across state lines?

Yes  
No

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| 191 |   |

26. Intended One-Way Trip Distance

- Local *(within a 50 mile radius of base)*
- Over-the-Road
- 51 to 100 miles
- 101 to 200 miles
- 201 to 500 miles
- Greater than 500 miles
- Unknown over-the-road trip distance

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| [ ] | 3 |
| [ ] | 4 |
| [ ] | 5 |
| [ ] | 6 |
| 193 |   |

**ACCIDENT DESCRIPTION**

27. Did the bus roll over?

Yes  
No

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| 194 |   |

28. Direction of roll:

Left  
Right  
Other

|     |   |
|-----|---|
| [ ] | 1 |
| [ ] | 2 |
| [ ] | 8 |
| 195 |   |

29. Number of quarter turns of roll:

|     |     |
|-----|-----|
| 196 | 197 |
|-----|-----|



**DRIVER DESCRIPTION**

30. How many hours had the driver been driving since the last 8-hour break?

|       |       |      |
|-------|-------|------|
| _____ | _____ | Hrs. |
| 198   | 199   |      |

31. How was the driver compensated for this trip?  
*(check all that apply)*

- Hourly
- Mileage
- Tips
- Percentage of revenue
- Salary
- Driver is owner
- Driver is volunteer
- Driver's primary employment is not as bus driver
- Other \_\_\_\_\_  
*(Specify)*

|  | Yes   | No    |
|--|-------|-------|
| Hourly   | [ ] 1 | [ ] 2 |
| Mileage  | [ ] 1 | [ ] 2 |
| Tips   | [ ] 1 | [ ] 2 |
| Percentage of revenue                            | [ ] 1 | [ ] 2 |
| Salary   | [ ] 1 | [ ] 2 |
| Driver is owner                                  | [ ] 1 | [ ] 2 |
| Driver is volunteer                              | [ ] 1 | [ ] 2 |
| Driver's primary employment is not as bus driver | [ ] 1 | [ ] 2 |
| Other _____<br><i>(Specify)</i>                  | [ ] 1 | [ ] 2 |

200  
201  
202  
203  
204  
205  
206  
207  
208

32. Describe compensation method:

-----

-----

209-258

(editor)

REMAINDER TO BE COMPLETED BY EDITOR.

33. Collision avoidance section. Illustrate pre-collision scenario below. Enter GES code.

|       |       |
|-------|-------|
| _____ | _____ |
| 259   | 260   |

34. Latitude of accident

|       |       |                     |
|-------|-------|---------------------|
| 0     | '     | "                   |
| _____ | _____ | _____               |
| 261   | 262   | 263 264 265 266 267 |

35. Longitude of accident

|       |       |                         |
|-------|-------|-------------------------|
| 0     | '     | "                       |
| _____ | _____ | _____                   |
| 268   | 269   | 270 271 272 273 274 275 |

36. Interview?

|     |       |
|-----|-------|
| Yes | [ ] 1 |
| No  | [ ] 2 |
| 276 |       |

37. Police report?

|     |       |
|-----|-------|
| Yes | [ ] 1 |
| No  | [ ] 2 |
| 277 |       |

38. FAX/Mail?

|     |       |
|-----|-------|
| Yes | [ ] 1 |
| No  | [ ] 2 |
| 278 |       |

DERIVED INFORMATION *(Insert question numbers.)*

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ | _____ | _____ |
| 279   | 280   | 281   | 282   | 283   | 284   |
| _____ | _____ | _____ | _____ | _____ | _____ |
| 289   | 290   | 291   | 292   | 293   | 294   |
| _____ | _____ | _____ | _____ | _____ | _____ |
| 285   | 286   | 295   | 296   | 297   | 298   |

PEDESTRIAN FATALITY

39. Relationship of pedestrian to bus:

|                      |     |    |
|----------------------|-----|----|
| Discharged passenger | [ ] | 01 |
| Intended passenger   | [ ] | 02 |
| Not related to bus   | [ ] | 03 |
| Other _____          | [ ] | 98 |
| <i>(Specify)</i>     |     |    |
| Unknown              | [ ] | 99 |

299-300

40. PAR Number

|   |
|---|
| _____   |
| 301 302 303 304 305 306 307 308 309 310 311 312 |

41. ICC Number

|                         |
|-------------------------|
| _____                   |
| 313 314 315 316 317 318 |

42. DOT Number

|                             |
|-----------------------------|
| _____                       |
| 319 320 321 322 323 324 325 |

43. State PSC Number

|   |
|---|
| _____                                   |
| 326 327 328 329 330 331 332 333 334 335 |

44. State issuing

|         |
|---------|
| _____   |
| 336 337 |