

# **BUSES INVOLVED IN FATAL ACCIDENTS CODEBOOK 2005**

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(Version Nov 6, 2007)**

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16. Abstract  This report provides documentation for UMTRI's file of Buses Involved in Fatal Accidents (BIFA), 2005, including distributions of the code values for each variable in the file. The 2005 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.					
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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 Federal Motor Carrier Safety Administration. The National Highway Traffic Safety Administration's National Center for Statistics and Analysis and FARS analysts in the states provided assistance in acquiring police reports from the respective states. We are sincerely grateful for their efforts.





## INTRODUCTION

### Overview

This report documents the November 6, 2007 version of the Buses Involved in Fatal Accidents, 2005, 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 the United States during calendar year 2005. 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 13Jun06, 2006, of the Fatality Analysis Reporting System (FARS) file for 2005 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

The 2005BIFA 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 (310 cases in 2005). 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.

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; information regarding the driver; 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.

The 2005 BIFA file is a census file, including every bus identifiable in the FARS file. This codebook presents the code levels and frequency distributions for each variable in the BIFA file.

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 collected by the BIFA survey. This information is produced from telephone interviews with the owner, driver, or some other involved party. In cases where the information could not be obtained from a respondent, it may be transcribed from police reports collected from the states.

In a typical year, a small number of police reports involving fatal bus crashes are not available. For all of these cases, an attempt is 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 are used to obtain information when possible. Only those cases where the match is certain are pursued.

Missing data rates for BIFA survey variables vary. The range of missing data values is illustrated by the following examples. Bus type (variable 1180) was determined for all but one of the 310 cases. Trip type (variable 380) is unknown for 15 (4.8%) cases. Hours driving (variable 1510) could not be determined with certainty for 66 (21.3%) cases.

### 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 identify 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, police reports were available for all but one 2005 case.

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, the type of operating authority was sometimes deduced from the name of the vehicle's owner and their business type.

### Number of Cases

There are 306 vehicles that are identified as a bus in one or more variables in the 2005 FARS file (version 13Jun06). However, some of these vehicles were subsequently found to be non-passenger carrying vehicles. These included motor home conversions, cargo vehicle conversions, small mini vans, etc. Altogether thirteen cases were determined to be something other than a bus. In addition, seventeen cases were identified as buses during a parallel survey. 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 seventeen cases to the 306 cases identified in FARS yields 323 vehicles. Subtracting thirteen vehicles incorrectly identified in FARS as a bus leaves 310, which is the number of buses involved in fatal traffic accidents in 2005.

### Format of Codebook

The main body of the codebook provides frequency distributions of all variables and code levels in the BIFA 2005 data file (Motor Vehicles In-Transport). The VNIT section of the codebook documents the additional set of Survey variables collected for Motor Vehicles Not In-Transport (nine cases). For each variable, the codebook provides information about the variable, name, format, and type. "Variable" (such as V19) is the name of the variable in the SAS data file. "Name" (e.g. Route Signing) is the descriptive title corresponding to the FARS or BIFA variable. "Format" refers to the name of the SAS format that provides labels for specific code levels of the variable. "Type" describes the storage type of the variable. Data are stored either as Numeric or Char (character) data. "Length" is the SAS storage length in bytes for the variable.

### 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. 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, 2005  
FARS ACCIDENT VARIABLES

Variable Number	Variable Name	Page Number
v1	CASE STATE .....	1
v2	CASE NUMBER .....	2
v7	CITY .....	2
v8	COUNTY .....	2
v9	ACCIDENT DATE – MONTH .....	3
v10	ACCIDENT DATE - DAY .....	3
v11	ACCIDENT DATE - YEAR .....	3
v12	ACCIDENT TIME - HOUR .....	3
v13	ACCIDENT TIME - MINUTE .....	4
v14	NUMBER OF VEHICLE FORMS .....	4
v14B	VEHICLE FORMS SUBMITTED – ALL .....	5
v15	NUMBER OF PERSON FORMS .....	5
v16	LAND USE .....	6
v17	NATIONAL HIGHWAY SYSTEM .....	6
v18	ROADWAY FUNCTION CLASS .....	6
v19	ROUTE SIGNING .....	7
v20	TRAFFICWAY IDENTIFIER #1 .....	7
v20_2	TRAFFICWAY IDENTIFIER #2 .....	7
v21	MILEPOINT .....	8
v22	SPECIAL JURISDICTION .....	8
v23	FIRST HARMFUL EVENT .....	8
v24	MANNER OF COLLISION .....	11
v25	RELATION TO JUNCTION .....	11
v26	RELATION TO ROADWAY .....	12
v27	TRAFFICWAY FLOW .....	12
v28	NUMBER OF TRAVEL LANES .....	13
v29	SPEED LIMIT .....	13
v30	ROADWAY ALIGNMENT .....	13
v31	ROADWAY PROFILE .....	14
v32	ROADWAY SURFACE TYPE .....	14
v33	ROADWAY SURFACE CONDITION .....	14
v34	TRAFFIC CONTROL DEVICE .....	15
v35	TRAFFIC CONT FUNCTIONING .....	16
v36	HIT AND RUN .....	16
v37	LIGHT CONDITION .....	17
v38	ATMOSPHERIC CONDITIONS .....	17
v39	CONSTRUCTION/MAINT ZONE .....	17
v40	EMS NOTIFIED – HOUR .....	18
v41	EMS NOTIFIED – MINUTE .....	18
v42	EMS ARRIVAL – HOUR .....	18
v43	EMS ARRIVAL – MINUTE .....	18
v46	SCHOOL BUS RELATED .....	19
v48	RAIL GRADE CROSSING ID .....	19
v49	NUMBER FATALITIES IN ACC .....	19
v50	DAY OF WEEK .....	19
v51	NUMBER DRINKING DRIVERS .....	20
v52	ACCIDENT DATE – JULIAN .....	20
v53	NUMBER UNINJURED IN ACC .....	20
v54	NUMBER C-INJURED IN ACC .....	21
v55	NUMBER B-INJURED IN ACC .....	21
v56	NUMBER A-INJURED IN ACC .....	22
v57	NUMBER K-INJURED IN ACC .....	22

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS ACCIDENT VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v58	NUM UNK INJURED IN ACC .....	22
v59	ACC RELATED FACTORS #1 .....	23
v60	ACC RELATED FACTORS #2 .....	23
v61	ACC RELATED FACTORS #3 .....	23

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>Variable</u> <u>Number</u>	<u>Variable</u> <u>Name</u>	<u>Page</u> <u>Number</u>
v104	VEHICLE NUMBER .....	25
v105	UNIT TYPE .....	25
v107	NUMBER OF OCCUPANTS .....	25
v108	VEHICLE MAKE .....	26
v109	VEHICLE MAKE-MODEL .....	26
v110	BODY TYPE .....	27
v111	MODEL YEAR .....	28
v112	VIN .....	29
v123	REGISTRATION STATE .....	29
v124	REGISTERED VEHICLE OWNER .....	30
v125	ROLLOVER .....	31
v126	JACKKNIFE .....	31
v127	TRAVEL SPEED .....	31
v128	HAZARDOUS CARGO .....	31
v129	VEHICLE TRAILERING .....	32
v130	VEHICLE CONFIGURATION .....	32
v131	NUMBER OF AXLES .....	32
v132	CARGO BODY TYPE .....	32
v133	SPECIAL USE .....	33
v134	EMERGENCY USE .....	33
v135	IMPACT POINT - INITIAL .....	34
v136	IMPACT POINT - PRINCIPAL .....	34
v137	EXTENT OF DEFORMATION .....	35
v138	VEHICLE ROLE .....	35
v139	MANNER OF LEAVING SCENE .....	35
v140	FIRE OCCURRENCE .....	35
v142	VEHICLE MANEUVER .....	35
v143	CRASH AVOIDANCE MANUEVER .....	36
v144	MOST HARMFUL EVENT .....	36
v145	NUMBER OF DEATHS IN VEH .....	39
v151	VIN TRUCK FUEL CODE .....	39
v152	VIN TRUCK WEIGHT CODE .....	39
v153	VIN TRUCK SERIES .....	40
v155	LENGTH OF VIN .....	40
v156	NUMBER UNINJURED IN VEH .....	40
v157	NUMBER C-INJURED IN VEH .....	41
v158	NUMBER B-INJURED IN VEH .....	41
v159	NUMBER A-INJURED IN VEH .....	42
v160	NUMBER K-INJURED IN VEH .....	42
v161	NUM UNK INJURED IN VEH .....	42
v162	VEH RELATED FACTORS #1 .....	43
v163	VEH RELATED FACTORS #2 .....	44
v164	UNDERRIDE/OVERRIDE .....	44
v170	MOTOR CARRIER ID .....	44
v171	BUS USE .....	45
v172	GROSS WEIGHT RATING-GVWR .....	45
v173	EVENT #1 .....	45
v174	EVENT #2 .....	47
v175	EVENT #3 .....	47
v176	EVENT #4 .....	48
v177	EVENT #5 .....	49
v178	EVENT #6 .....	49

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES



BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS DRIVER VARIABLES

<u>Variable</u> <u>Number</u>	<u>Variable</u> <u>Name</u>	<u>Page</u> <u>Number</u>
v207	DRIVER PRESENCE.....	51
v208	DRIVER DRINKING .....	51
v209	LICENSE STATE .....	51
v210A	NON-CDL LICENSE TYPE.....	52
v210B	NON-CDL LICENSE STATUS.....	53
v211	LICENSE CLASS COMPLIANCE .....	53
v212	CDL LICENSE STATUS .....	53
v213	LICENSE ENDORSEMENTS .....	54
v214	LICENSE RESTRICTIONS MET .....	54
v216	NUMBER OF PREV ACCIDENTS .....	54
v217	NUMBER PREV SUSPENSIONS.....	55
v218	NUMBER OF PREV DWI CONV .....	55
v219	NUM PREV SPEEDING CONV .....	55
v220	NUM PREV OTHER MV CONV.....	56
v221	LAST ACCIDENT - MONTH .....	56
v222	LAST ACCIDENT - YEAR.....	56
v223	FIRST ACCIDENT - MONTH.....	57
v224	FIRST ACCIDENT - YEAR.....	57
v227	DRIVER RELATED FACTORS#1.....	57
v228	DRIVER RELATED FACTORS#2.....	60
v229	DRIVER RELATED FACTORS#3.....	61
v230	DRIVER RELATED FACTORS#4.....	61
v231	VIOLATIONS CHARGED#1 .....	62
v232	VIOLATIONS CHARGED#2 .....	64
v233	VIOLATIONS CHARGED#3 .....	64
v235	DRIVER HEIGHT (INCHES).....	64
v236	DRIVER WEIGHT .....	65

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS DRIVER VARIABLES

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

Variable Number	Variable Name	Page Number
v306	OCCUPANT NUMBER .....	67
v308	OCCUPANT AGE .....	67
v309	OCCUPANT SEX.....	68
v310	OCCUPANT TYPE.....	69
v311	OCC SEATING POSITION .....	69
v312	RESTRAINT SYSTEM USE .....	69
v313	AIR BAG AVAIL/FUNCTION.....	69
v314	OCCUPANT EJECTION .....	70
v315	EJECTION PATH.....	70
v316	OCCUPANT EXTRICATION.....	71
v321	DRUG INVOLVEMENT.....	71
v322	DRUG DETERMINATION.....	71
v323	DRUG TEST TYPE #1 .....	71
v324	DRUG TEST RESULTS #1.....	72
v325	DRUG TEST TYPE #2.....	73
v326	DRUG TEST RESULTS #2.....	73
v327	DRUG TEST TYPE #3.....	73
v328	DRUG TEST RESULTS #3.....	73
v329	OCCUPANT INJURY SEVERITY .....	74
v330	OCC TAKEN TO HOSPITAL .....	74
v331	OCC DEATH DATE – MONTH .....	74
v332	OCC DEATH DATE – DAY .....	75
v333	OCC DEATH DATE – YEAR .....	75
v334	OCC DEATH TIME - HOURS.....	75
v335	OCC DEATH TIME - MINUTES.....	75
v336	LAG TIME ACC/DEATH - HRS.....	76
v342	OCC FATAL INJURY AT WORK .....	76
v345	OCC ALCOHOL INVOLVEMENT .....	76
v346	OCC METH ALC DETERMINAT .....	76
v347	ALCOHOL TEST TYPE .....	77
v348	OCC ALCOHOL TEST RESULT .....	77
v361	RACE .....	77
v362	HISPANIC ORIGIN .....	78
v363	OCC DEAD ON ARRIVAL .....	78

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v1110	BUS MAKE .....	79
v1130	MODEL YEAR .....	79
v1140	FRONT OF BUS .....	80
v1170	BUS MODEL .....	80
v1180	BUS TYPE .....	81
v1190	DESCRIPTION OF BUS .....	81
v1200	NUMBER OF AXLES .....	82
v1220	PASSENGER SEATING CAPACITY .....	82
v1310	DESCRIPTION OF OPERATING AUTHORITY .....	83
v1350	BUS OPERATOR TYPE .....	85
v1360	AREA OF OPERATION .....	85
v1370	OPERATING AUTHORITY .....	86
v1380	TRIP TYPE .....	86
v1510	HOURS OF DRIVING .....	86
v1520	COMPENSATION-HOURLY .....	87
v1530	COMPENSATION-MILEAGE .....	87
v1540	COMPENSATION-TIPS .....	87
v1550	COMPENSATION-PERCENT REVENUE .....	87
v1560	COMPENSATION-SALARY .....	87
v1570	COMPENSATION-DRIVER OWNER .....	88
v1580	COMPENSATION-DRIVER VOLUNTEER .....	88
v1590	COMPENSATION-DRIVER PRIMARY EMP NOT BUS DRIVER .....	88
v1600	COMPENSATION-OTHER .....	88
v1610	DESCRIPTION OF COMPENSATION .....	88
v1710	ACCIDENT TYPE .....	89
v1720	PEDESTRIAN FATALITY .....	89
v1830	INTERVIEW CONDUCTED .....	90
v1840	POLICE REPORT .....	90
v1850	FAX/MAIL .....	90
v1861	1ST QUESTION DERIVED .....	90
v1862	2ND QUESTION DERIVED .....	90
v1863	3RD QUESTION DERIVED .....	91
v1864	4TH QUESTION DERIVED .....	91
v1865	5TH QUESTION DERIVED .....	91
v1866	6TH QUESTION DERIVED .....	91
v1867	7TH QUESTION DERIVED .....	91
v1868	8TH QUESTION DERIVED .....	91
v1869	9TH QUESTION DERIVED .....	92
v1870	10TH QUESTION DERIVED .....	92

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
VEHICLES NOT IN-TRANSPORT – SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v1140	FRONT OF BUS .....	93
v1180	BUS TYPE .....	93

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES



### The ACCIDENT Variables

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

Variable	Name	Format	Type	Length
v1	CASE STATE	FSTATES	Numeric	3

---

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	Alabama
0	0.0	2	Alaska
9	2.9	4	Arizona
3	1.0	5	Arkansas
31	10.0	6	California
3	1.0	8	Colorado
5	1.6	9	Connecticut
3	1.0	10	Delaware
3	1.0	11	District of Columbia
31	10.0	12	Florida
6	1.9	13	Georgia
3	1.0	15	Hawaii
1	0.3	16	Idaho
13	4.2	17	Illinois
6	1.9	18	Indiana
5	1.6	19	Iowa
3	1.0	20	Kansas
3	1.0	21	Kentucky
5	1.6	22	Louisiana
1	0.3	23	Maine
10	3.2	24	Maryland
0	0.0	25	Massachusetts
9	2.9	26	Michigan
8	2.6	27	Minnesota
0	0.0	28	Mississippi
10	3.2	29	Missouri
0	0.0	30	Montana
1	0.3	31	Nebraska
4	1.3	32	Nevada
1	0.3	33	New Hampshire
15	4.8	34	New Jersey
2	0.6	35	New Mexico
24	7.7	36	New York
8	2.6	37	North Carolina
0	0.0	38	North Dakota
9	2.9	39	Ohio
2	0.6	40	Oklahoma
2	0.6	41	Oregon
19	6.1	42	Pennsylvania
0	0.0	44	Rhode Island
6	1.9	45	South Carolina

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	46	South Dakota
4	1.3	47	Tennessee
15	4.8	48	Texas
1	0.3	49	Utah
0	0.0	50	Vermont
12	3.9	51	Virginia
0	0.0	52	Virgin Islands
6	1.9	53	Washington
1	0.3	54	West Virginia
6	1.9	55	Wisconsin
0	0.0	56	Wyoming

Variable	Name	Format	Type	Length
v2	CASE NUMBER		Numeric	8

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	2	
		-	Case number
1	0.3	3811	

Variable	Name	Format	Type	Length
v7	CITY		Numeric	4

CITY – GSA GEOGRAPHIC LOCATION CODE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
106	34.2	0	Not applicable
3	1.0	10	
		-	GSA code
1	0.3	8120	

Variable	Name	Format	Type	Length
v8	COUNTY		Numeric	3

COUNTY – GSA GEOGRAPHIC LOCATION CODE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
12	3.9	1	
		-	GSA code
4	1.3	810	

Variable	Name	Format	Type	Length
v9	ACCIDENT DATE - MONTH		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
35	11.3	1	January
24	7.7	2	February
23	7.4	3	March
35	11.3	4	April
34	11.0	5	May
15	4.8	6	June
16	5.2	7	July
15	4.8	8	August
23	7.4	9	September
35	11.3	10	October
28	9.0	11	November
27	8.7	12	December

Variable	Name	Format	Type	Length
v10	ACCIDENT DATE - DAY		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
8	2.6	1	
		-	Day of month
6	1.9	31	

Variable	Name	Format	Type	Length
v11	ACCIDENT DATE - YEAR		Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	2005	2005

Variable	Name	Format	Type	Length
v12	ACCIDENT TIME - HOUR	FACHOUR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	0	12:01 am - 12:59 am
2	0.6	1	1:00 am - 1:59 am
3	1.0	2	2:00 am - 2:59 am
4	1.3	3	3:00 am - 3:59 am
3	1.0	4	4:00 am - 4:59 am
4	1.3	5	5:00 am - 5:59 am
31	10.0	6	6:00 am - 6:59 am
36	11.6	7	7:00 am - 7:59 am

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
19	6.1	8	8:00 am - 8:59 am
17	5.5	9	9:00 am - 9:59 am
14	4.5	10	10:00 am - 10:59 am
8	2.6	11	11:00 am - 11:59 am
11	3.5	12	12:00 pm - 12:59 pm
9	2.9	13	1:00 pm - 1:59 pm
21	6.8	14	2:00 pm - 2:59 pm
33	10.6	15	3:00 pm - 3:59 pm
28	9.0	16	4:00 pm - 4:59 pm
17	5.5	17	5:00 pm - 5:59 pm
16	5.2	18	6:00 pm - 6:59 pm
9	2.9	19	7:00 pm - 7:59 pm
9	2.9	20	8:00 pm - 8:59 pm
8	2.6	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
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v13	ACCIDENT TIME - MINUTE		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
9	2.9	0	
		-	Minute
8	2.6	59	
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v14	NUMBER OF VEHICLE FORMS	FVEHFORM	Numeric	8

NUMBER OF MOTOR VEHICLES IN-TRANSPORT INVOLVED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
106	34.2	1	1 vehicle
142	45.8	2	2 vehicles
47	15.2	3	3 vehicles
8	2.6	4	4 vehicles
2	0.6	5	5 vehicles
3	1.0	6	6 vehicles
1	0.3	7	7 vehicles
1	0.3	9	9 vehicles

Variable	Name	Format	Type	Length
v14B	VEHICLE FORMS SUBMITTED – ALL		Numeric	3

NUMBER OF MOTOR VEHICLES INVOLVED IN ACCIDENT INCLUDING NOT IN-TRANSPORT VEHS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
101	32.6	1	1 vehicle
145	46.8	2	2 vehicles
48	15.5	3	3 vehicles
7	2.3	4	4 vehicles
4	1.3	5	5 vehicles
3	1.0	6	6 vehicles
1	0.3	7	7 vehicles
1	0.3	9	9 vehicles

Variable	Name	Format	Type	Length
v15	NUMBER OF PERSON FORMS	FNUMPERS	Numeric	3

NUMBER OF PERSONS INVOLVED IN ACCIDENT

Does not include uninjured bus or railway train occupants

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	1	1 person
150	48.4	2	2 persons
34	11.0	3	3 persons
28	9.0	4	4 persons
15	4.8	5	5 persons
20	6.5	6	6 persons
14	4.5	7	7 persons
7	2.3	8	8 persons
7	2.3	9	9 persons
6	1.9	10	10 persons
4	1.3	11	11 persons
2	0.6	12	12 persons
4	1.3	13	13 persons
1	0.3	15	15 persons
3	1.0	17	17 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	26	26 persons
1	0.3	28	28 persons
1	0.3	31	31 persons
1	0.3	37	37 persons
2	0.6	38	38 persons

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	45	45 persons
1	0.3	50	50 persons
1	0.3	51	51 persons

Variable	Name	Format	Type	Length
v16	LAND USE	V16_F	Numeric	3

LAND USE – FHWA CLASSIFICATION

Recode of Roadway Function Class (V18)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
220	71.0	1	Urban area
85	27.4	2	Rural area
5	1.6	9	Unknown

Variable	Name	Format	Type	Length
v17	NATIONAL HIGHWAY SYSTEM	FNHS94F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
205	66.1	0	This section is not on the NHS
100	32.3	1	This section is on the NHS
5	1.6	9	Unknown if this section is on the NHS

Variable	Name	Format	Type	Length
v18	ROADWAY FUNCTION CLASS	FRFC87F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Rural			
15	4.8	1	Principal arterial-interstate
16	5.2	2	Principal arterial-other
17	5.5	3	Minor arterial
12	3.9	4	Major collector
5	1.6	5	Minor collector
19	6.1	6	Local road or street
1	0.3	9	Unknown rural
Urban			
28	9.0	11	Principal arterial-interstate

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
14	4.5	12	Principal arterial-other freeways
63	20.3	13	Other principal arterial
54	17.4	14	Minor arterial
17	5.5	15	Collector
43	13.9	16	Local road or street
1	0.3	19	Unknown urban
5	1.6	99	Unknown

Variable	Name	Format	Type	Length
v19	ROUTE SIGNING	FRTSIGN	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
41	13.2	1	Interstate
31	10.0	2	U.S. highway
79	25.5	3	State highway
46	14.8	4	County road
			Local Street
13	4.2	5	Township
94	30.3	6	Municipality
0	0.0	7	Frontage road
4	1.3	8	Other
2	0.6	9	Unknown

Variable	Name	Format	Type	Length
v20	TRAFFICWAY IDENTIFIER #1		Char	20

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	102I	
		-	Roadway identifier
1	0.3	WILSON ROAD	

Variable	Name	Format	Type	Length
v20_2	TRAFFICWAY IDENTIFIER #2		Char	20

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4	1.3	0	
		-	Roadway identifier
1	0.3	WINANE ST	

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Variable	Name	Format	Type	Length
v21	MILEPOINT		Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
110	35.5	0	None
2	0.6	1	
		-	Actual to nearest .1 mile
1	0.3	24541	
45	14.5	99999	Unknown

Variable	Name	Format	Type	Length
v22	SPECIAL JURISDICTION	FSPECJUR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	0	No special jurisdiction
0	0.0	1	National Park Service
0	0.0	2	Military
0	0.0	3	Indian reservation
2	0.6	4	College/University campus
0	0.0	5	Other Federal properties
0	0.0	8	Other
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v23	FIRST HARMFUL EVENT	FFHE82F	Numeric	3

1<sup>st</sup> EVENT CAUSING INJURY/PROPERTY DAMAGE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
6	1.9	1	Overturn/rollover
1	0.3	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
2	0.6	5	Fell/jumped from vehicle
0	0.0	6	Injured in veh (other than cargo/equip loss/shift)
0	0.0	7	Other noncollision
73	23.5	8	Pedestrian
16	5.2	9	Pedalcycle
0	0.0	10	Railway train
0	0.0	11	Live animal
185	59.7	12	Motor vehicle in-transport on same roadway
5	1.6	13	Motor vehicle in-transport on different roadway
3	1.0	14	Parked motor vehicle or vehicle stopped off roadway
3	1.0	15	Nonmotorist on personal conveyance
0	0.0	16	Thrown/falling object (other than cargo/equip loss/shift)



BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	17	Boulder
1	0.3	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
1	0.3	23	Bridge rail
2	0.6	24	Guardrail face
3	1.0	25	Concrete traffic barrier
0	0.0	26	Other traffic barrier
1	0.3	27	Highway/traffic sign post/sign
0	0.0	28	Overhead sign support/sign
1	0.3	29	Luminaire/light support
0	0.0	30	Utility pole
0	0.0	31	Other post, other pole or other supports
1	0.3	32	Culvert
0	0.0	33	Curb
1	0.3	34	Ditch
0	0.0	35	Embankment - earth
0	0.0	36	Embankment - rock, stone or concrete
3	1.0	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
0	0.0	42	Tree (standing tree only)
0	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, etc)
1	0.3	45	Working motor vehicle (construction, maintenance, utility)
1	0.3	46	Traffic signal support/signal
0	0.0	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
0	0.0	50	Bridge overhead structure
0	0.0	51	Jackknife (causing injury or damage)
0	0.0	52	Guardrail end
0	0.0	53	Mail box
0	0.0	54	Motor veh in-transport strikes or is struck by cargo, person, objects set in motion by another veh in-transport
0	0.0	55	Other not in-transport motor vehicle
0	0.0	60	Cargo/equipment loss or shift (causing injury or damage)
0	0.0	99	Unknown

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

Noncollision Event  
01=Overturn/rollover

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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- 02=Fire/explosion
- 03=Immersion
- 04=Gas inhalation
- 05=Fell/jumped from vehicle
- 06=Injured in vehicle (other than cargo/equipment loss or shift)
- 07=Other noncollision
- 16=Thrown or falling object (other than cargo/equipment loss or shift)
- 44=Pavement surface irregularity (pothole, grooved, grates)
- 47=Vehicle occupant struck or run over by own vehicle
- 51=Jackknife (causing injury or damage)
- 60=Cargo/equipment loss or shift (causing injury or damage)

Collision with Motor Vehicle

*Collision Involving Motor Vehicles In-Transport*

- 12=Motor vehicle in-transport
- 13=Motor vehicle in-transport on different roadway
- 54=Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport

*Collision Involving Motor Vehicles Not In-Transport*

- 14=Parked motor vehicle or vehicle stopped off roadway
- 45=Working motor vehicle (construction, maintenance or utility vehicle only)
- 55=Other not in-transport motor vehicle

Collision with Object Not Fixed

- 08=Pedestrian
- 09=Pedalcycle
- 10=Railway train
- 11=Live animal
- 15=Nonmotorist on personal conveyance
- 18=Other object (not fixed)
- 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 face
- 25=Concrete traffic barrier
- 26=Other traffic barrier
- 27=Highway/traffic sign post/sign
- 28=Overhead sign support/sign
- 29=Luminaire/light support
- 30=Utility pole
- 31=Other post, other pole or other support
- 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 (standing tree only)
- 43=Other fixed object
- 46=Traffic signal support/signal
- 48=Collision with snow bank
- 50=Bridge overhead structure
- 52=Guardrail end
- 53=Mail box

Variable	Name	Format	Type	Length
v24	MANNER OF COLLISION	FCOLL02F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
116	37.4	0	Not a collision with a motor-vehicle
41	13.2	1	Front-to-rear (includes rear-end)
44	14.2	2	Front-to-front (includes head-on)
7	2.3	3	Angle - front-to-side, same direction
20	6.5	4	Angle - front-to-side, opposite direction
64	20.6	5	Angle - front-to-side, right angle (including broadside)
5	1.6	6	Angle - front-to-side /angle - dir not specified
5	1.6	7	Sideswipe - same direction
7	2.3	8	Sideswipe - opposite direction
1	0.3	9	Rear-to-side
0	0.0	10	Rear-to-rear
0	0.0	11	Other (end-swipes and others)
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v25	RELATION TO JUNCTION	FJUNCT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Noninterchange			
153	49.4	1	Nonjunction
116	37.4	2	Intersection
23	7.4	3	Intersection related
5	1.6	4	Driveway, alley access, etc.
1	0.3	5	Entrance/exit ramp related
0	0.0	6	Rail grade crossing
0	0.0	7	Crossover-related
3	1.0	8	Driveway access related
0	0.0	9	Unknown, non-interchange

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
			Interchange area
2	0.6	10	Intersection
1	0.3	11	Intersection related
0	0.0	12	Driveway access
3	1.0	13	Entrance/exit ramp related
0	0.0	14	Crossover-related
3	1.0	15	Other location in interchange
0	0.0	19	Unknown, interchange area
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v26	RELATION TO ROADWAY	FRDWY98F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
281	90.6	1	On roadway
9	2.9	2	Shoulder
5	1.6	3	Median
11	3.5	4	Roadside
2	0.6	5	Outside trafficway/outside right-of-way
1	0.3	6	Off roadway - location unknown
0	0.0	7	In parking lane
0	0.0	8	Gore
0	0.0	10	Separator
0	0.0	11	Two-way continuous left-turn lane
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v27	TRAFFICWAY FLOW	FFLOW03F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
173	55.8	1	Not physically divided (two way trafficway)
72	23.2	2	Divided highway, median strip (no traffic barrier)
36	11.6	3	Divided highway, median strip (with traffic barrier)
10	3.2	4	One way trafficway
10	3.2	5	Not phys divided (with 2-way continuous left turn lane)
4	1.3	6	Entrance/exit ramp
5	1.6	9	Unknown

Variable	Name	Format	Type	Length
v28	NUMBER OF TRAVEL LANES	FLANES	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4	1.3	1	1 lane
191	61.6	2	2 lanes
39	12.6	3	3 lanes
57	18.4	4	4 lanes
5	1.6	5	5 lanes
6	1.9	6	6 lanes
1	0.3	7	7 or more lanes
7	2.3	9	Unknown

Variable	Name	Format	Type	Length
v29	SPEED LIMIT	FSPLMT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	No statutory limit
0	0.0	5	5 mph
0	0.0	10	10 mph
2	0.6	15	15 mph
1	0.3	20	20 mph
33	10.6	25	25 mph
37	11.9	30	30 mph
46	14.8	35	35 mph
34	11.0	40	40 mph
32	10.3	45	45 mph
10	3.2	50	50 mph
54	17.4	55	55 mph
10	3.2	60	60 mph
24	7.7	65	65 mph
9	2.9	70	70 mph
2	0.6	75	75 mph
16	5.2	99	Unknown

Variable	Name	Format	Type	Length
v30	ROADWAY ALIGNMENT	FALIG	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
272	87.7	1	Straight

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
35	11.3	2	Curve
3	1.0	9	Unknown

Variable	Name	Format	Type	Length
v31	ROADWAY PROFILE	FGRAD82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
232	74.8	1	Level
65	21.0	2	Grade
5	1.6	3	Hillcrest
1	0.3	4	Sag
7	2.3	9	Unknown

Variable	Name	Format	Type	Length
v32	ROADWAY SURFACE TYPE	FPAVE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
28	9.0	1	Concrete
274	88.4	2	Blacktop, bituminous, or asphalt
0	0.0	3	Brick or block
1	0.3	4	Slag, gravel or stone
0	0.0	5	Dirt
0	0.0	8	Other
7	2.3	9	Unknown

Variable	Name	Format	Type	Length
v33	ROADWAY SURFACE CONDITION	FSURFCON	Numeric	3

## ROADWAY SURFACE CONDITION

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
261	84.2	1	Dry
34	11.0	2	Wet
9	2.9	3	Snow or slush
6	1.9	4	Ice
0	0.0	5	Sand, dirt, oil
0	0.0	8	Other
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v34	TRAFFIC CONTROL DEVICE	FTRCN82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
172	55.5	0	No controls
*** Not At Railroad Grade Crossing ***			
Highway traffic signals			
12	3.9	1	Traffic control signal (on colors) w/out pedestrian signal
15	4.8	2	Traffic control(on colors) with pedestrian signal
46	14.8	3	Traffic control signal (on colors) not known if ped signal
0	0.0	4	Flashing traffic control signal
0	0.0	5	Flashing beacon
0	0.0	6	Flashing highway traffic signal, type unknown
1	0.3	7	Lane use control signal
2	0.6	8	Other highway traffic signal
0	0.0	9	Unknown highway traffic signal
Regulatory signs			
46	14.8	20	Stop sign
1	0.3	21	Yield sign
5	1.6	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
1	0.3	39	Unknown type school zone sign
Warning signs			
4	1.3	40	Warning sign
0	0.0	41	Electronic warning sign
Miscellaneous not at railroad crossing			
1	0.3	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

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	69	Active device, type unknown
Passive devices			
0	0.0	70	Cross-bucks
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
*** Whether or Not At Railroad Grade Crossing ***			
0	0.0	98	Other
4	1.3	99	Unknown

Variable	Name	Format	Type	Length
v35	TRAFFIC CONT FUNCTIONING	FTCFUNC	Numeric	3

TRAFFIC CONTROL FUNCTIONING

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
172	55.5	0	No controls
1	0.3	1	Device not functioning
0	0.0	2	Device functioning - functioning improperly
132	42.6	3	Device functioning properly
5	1.6	9	Unknown

Variable	Name	Format	Type	Length
v36	HIT AND RUN	FHIT05F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
304	98.1	0	No hit and run
2	0.6	1	Driver left scene after collision with veh in-transport
4	1.3	2	Driver left scene after coll with person not in a motor veh
0	0.0	3	Driver left scene after coll with parked/stopped off rdway/working/in motion outside trafway motor veh or object
0	0.0	4	Driver left scene after non-collision accident
0	0.0	5	Hit/run - other involved person left scene



Variable	Name	Format	Type	Length
v37	LIGHT CONDITION	FLIGHT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
224	72.3	1	Daylight
28	9.0	2	Dark
46	14.8	3	Dark but lighted
6	1.9	4	Dawn
6	1.9	5	Dusk
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v38	ATMOSPHERIC CONDITIONS	FATM82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	89.0	1	No adverse atmospheric condition
19	6.1	2	Rain (mist)
3	1.0	3	Sleet (hail)
7	2.3	4	Snow
3	1.0	5	Fog
0	0.0	6	Rain and fog
0	0.0	7	Sleet and fog
2	0.6	8	Other (smog, smoke, blowing sand, or dust)
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v39	CONSTRUCTION/MAINT ZONE	FCMZ82F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
303	97.7	0	None
6	1.9	1	Construction
0	0.0	2	Maintenance
0	0.0	3	Utility
1	0.3	4	Work zone, type unknown
0	0.0	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v40	EMS NOTIFIED – HOUR		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
8	2.6	0	Not notified or 12:01 – 12:59 am
3	1.0	2	
		-	Hour
1	0.3	23	
140	45.2	99	Unknown

Variable	Name	Format	Type	Length
v41	EMS NOTIFIED – MINUTE		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
13	4.2	0	Not notified or on hour
2	0.6	1	
		-	Minute
2	0.6	59	
140	45.2	99	Unknown

Variable	Name	Format	Type	Length
v42	EMS ARRIVAL – HOUR		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
8	2.6	0	Not notified or 12:01 – 12:59 am
2	0.6	2	
		-	Hour
1	0.3	23	
144	46.5	99	Unknown

Variable	Name	Format	Type	Length
v43	EMS ARRIVAL – MINUTE		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
7	2.3	0	Not notified or the hour
1	0.3	1	
		-	Minute
1	0.3	59	
157	50.6	99	Unknown

Variable	Name	Format	Type	Length
v46	SCHOOL BUS RELATED	FYESNO	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
191	61.6	0	No
119	38.4	1	Yes

Variable	Name	Format	Type	Length
v48	RAIL GRADE CROSSING ID		Char	7

RAIL GRADE CROSSING ID – FRA CODE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0000000	Not applicable

Variable	Name	Format	Type	Length
v49	NUMBER FATALITIES IN ACC	FFATALS	Numeric	3

NUMBER OF FATALITIES IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	0 killed
276	89.0	1	1 killed
22	7.1	2	2 killed
7	2.3	3	3 killed
2	0.6	4	4 killed
2	0.6	5	5 killed
1	0.3	23	23 killed

Variable	Name	Format	Type	Length
v50	DAY OF WEEK	FDAYS	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
21	6.8	1	Sunday
60	19.4	2	Monday
54	17.4	3	Tuesday
42	13.5	4	Wednesday
51	16.5	5	Thursday
58	18.7	6	Friday

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
24	7.7	7	Saturday
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v51	NUMBER DRINKING DRIVERS	FDRUNKDR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
264	85.2	0	0 drivers
40	12.9	1	1 driver
5	1.6	2	2 drivers
1	0.3	12	12 drivers

Variable	Name	Format	Type	Length
v52	ACCIDENT DATE – JULIAN		Numeric	8

The Julian date from March 1, 1900.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	1.0	38295	January 3, 2005
		-	
1	0.3	38657	December 31, 2005

Variable	Name	Format	Type	Length
v53	NUMBER UNINJURED IN ACC	FUNINJ	Numeric	8

NUMBER OF UNINJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
88	28.4	0	0 uninjured
181	58.4	1	1 uninjured
26	8.4	2	2 uninjured
6	1.9	3	3 uninjured
5	1.6	4	4 uninjured
1	0.3	5	5 uninjured
1	0.3	6	6 uninjured
1	0.3	7	7 uninjured
1	0.3	8	8 uninjured

Variable	Name	Format	Type	Length
v54	NUMBER C-INJURED IN ACC	FCINJ	Numeric	8

NUMBER OF C-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
205	66.1	0	0 C-injured
44	14.2	1	1 C-injured
15	4.8	2	2 C-injured
10	3.2	3	3 C-injured
8	2.6	4	4 C-injured
7	2.3	5	5 C-injured
5	1.6	6	6 C-injured
2	0.6	7	7 C-injured
1	0.3	8	8 C-injured
2	0.6	10	10 C-injured
2	0.6	11	11 C-injured
1	0.3	12	12 C-injured
1	0.3	13	13 C-injured
2	0.6	14	14 C-injured
2	0.6	19	19 C-injured
1	0.3	22	22 C-injured
1	0.3	27	27 C-injured
1	0.3	33	33 C-injured

Variable	Name	Format	Type	Length
v55	NUMBER B-INJURED IN ACC	FBINJ	Numeric	8

NUMBER OF B-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
227	73.2	0	0 B-injured
33	10.6	1	1 B-injured
19	6.1	2	2 B-injured
14	4.5	3	3 B-injured
2	0.6	4	4 B-injured
3	1.0	5	5 B-injured
2	0.6	6	6 B-injured
2	0.6	7	7 B-injured
1	0.3	9	9 B-injured
2	0.6	10	10 B-injured
1	0.3	12	12 B-injured
1	0.3	13	13 B-injured
1	0.3	20	20 B-injured
1	0.3	24	24 B-injured
1	0.3	26	26 B-injured

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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Variable	Name	Format	Type	Length
v56	NUMBER A-INJURED IN ACC	FAINJ	Numeric	8

NUMBER OF A-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
232	74.8	0	0 A-injured
44	14.2	1	1 A-injured
13	4.2	2	2 A-injured
7	2.3	3	3 A-injured
4	1.3	4	4 A-injured
6	1.9	5	5 A-injured
1	0.3	6	6 A-injured
1	0.3	8	8 A-injured
1	0.3	27	27 A-injured
1	0.3	46	46 A-injured

Variable	Name	Format	Type	Length
v57	NUMBER K-INJURED IN ACC	FKINJ	Numeric	8

NUMBER OF K-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	89.0	1	1 killed
22	7.1	2	2 killed
7	2.3	3	3 killed
2	0.6	4	4 killed
2	0.6	5	5 killed
1	0.3	23	23 killed

Variable	Name	Format	Type	Length
v58	NUM UNK INJURED IN ACC	FUNKINJ	Numeric	8

NUMBER UNKNOWN INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
307	99.0	0	0 unknown injured
1	0.3	1	1 unknown injured
1	0.3	3	3 unknown injured
1	0.3	6	6 unknown injured

Variable	Name	Format	Type	Length
v59	ACC RELATED FACTORS #1	FARF82F	Numeric	3

FACTORS AT ACCIDENT LEVEL – RESPONSE #1

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
287	92.6	0	None
0	0.0	1	Inadequate warning of exits, lanes narrowing, etc.
0	0.0	2	Shoulder design or condition
2	0.6	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, etc.
0	0.0	7	Surface washed out (caved in, road slippage)
Special circumstances			
8	2.6	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
1	0.3	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
4	1.3	16	Nonoccupant struck vehicle
0	0.0	17	Vehicle set-in-motion by nondriver
0	0.0	18	Date of accident & date of EMS notification not same day
4	1.3	19	Recent previous accident scene nearby
1	0.3	20	Police pursuit involved
2	0.6	21	Within designated school zone
1	0.3	22	Speed limit is a statutory limit - state's "basic rule"
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v60	ACC RELATED FACTORS #2	FARF82F	Numeric	3

FACTORS AT ACCIDENT LEVEL – RESPONSE #2

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v61	ACC RELATED FACTORS #3	FARF82F	Numeric	3

FACTORS AT ACCIDENT LEVEL – RESPONSE #3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS ACCIDENT VARIABLES



### The VEHICLE Variables

Variables 104 through 178 describe the vehicle involved in the accident (i.e., the bus).

Variable	Name	Format	Type	Length
v104	VEHICLE NUMBER	FVEHNUM	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
170	54.8	1	Vehicle #1
114	36.8	2	Vehicle #2
21	6.8	3	Vehicle #3
2	0.6	4	Vehicle #4
2	0.6	5	Vehicle #5
1	0.3	6	Vehicle #6

Variable	Name	Format	Type	Length
v105	UNIT TYPE	FUNIT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	1	Motor vehicle in-transport
0	0.0	2	Motor vehicle not in-transport within trafficway
0	0.0	3	Motor vehicle not in-transport outside trafficway
0	0.0	4	Working motor veh (construction, maintenance, utility only)

Variable	Name	Format	Type	Length
v107	NUMBER OF OCCUPANTS	FNUMOCC	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	0	0 occupants
199	64.2	1	1 occupant
23	7.4	2	2 occupants
15	4.8	3	3 occupants
5	1.6	4	4 occupants
12	3.9	5	5 occupants
3	1.0	6	6 occupants
4	1.3	7	7 occupants
6	1.9	8	8 occupants
6	1.9	9	9 occupants
2	0.6	11	11 occupants
1	0.3	13	13 occupants
1	0.3	14	14 occupants
1	0.3	15	15 occupants
1	0.3	16	16 occupants
3	1.0	20	20 occupants
1	0.3	21	21 occupants
3	1.0	24	24 occupants

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	25	25 occupants
1	0.3	26	26 occupants
2	0.6	30	30 occupants
1	0.3	31	31 occupants
1	0.3	37	37 occupants
1	0.3	38	38 occupants
2	0.6	44	44 occupants
1	0.3	45	45 occupants
1	0.3	47	47 occupants
1	0.3	48	48 occupants
7	2.3	97	Unknown – only injured reported
2	0.6	99	Unknown

Variable	Name	Format	Type	Length
v108	VEHICLE MAKE	FMAKE91F	Numeric	3

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	7	Dodge
40	12.9	12	Ford
3	1.0	13	Lincoln
8	2.6	20	Chevrolet
10	3.2	23	GMC
11	3.5	82	Freightliner
63	20.3	84	International
1	0.3	89	White/Autocar-White/GMC
22	7.1	90	Bluebird
16	5.2	92	Gillag
35	11.3	93	MCI
15	4.8	94	Thomas Built
81	26.1	98	Other make
4	1.3	99	Unknown

Variable	Name	Format	Type	Length
v109	VEHICLE MAKE-MODEL	FMKMD91F	Numeric	4

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	7461	B-series van
26	8.4	12461	Ford E-series Van
1	0.3	12470	Ford Van derivative
1	0.3	12880	Ford Med/heavy pickup (pickup-style - over 10,000 lbs)
7	2.3	12981	Ford Medium bus
5	1.6	12988	Ford Other bus
3	1.0	13001	Lincoln TownCar/Continental
4	1.3	20461	Chevrolet G-series van

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4	1.3	20981	Chevrolet Conventional Bus
2	0.6	23461	GMC G-series Van/Savana
6	1.9	23981	GMC Bus B6000
2	0.6	23988	GMC Other bus
2	0.6	82461	Freightliner/White Sprinter/Advantage
6	1.9	82981	Freightliner/White Conventional bus
1	0.3	82983	Freightliner/White Bus-flat front, rear engine
2	0.6	82988	Freightliner/White Other bus
57	18.4	84981	International Harvester/Navistar Conventional bus
2	0.6	84982	International Harvester/Navistar Bus-flat front, front engine
2	0.6	84983	International Harvester/Navistar Bus-flat front, rear engine
2	0.6	84988	International Harvester/Navistar Other bus
1	0.3	89988	White/Autocar/GMC Other bus
14	4.5	90981	Bluebird Conventional bus (engine out front)
1	0.3	90982	Bluebird Bus-flat front, front engine
2	0.6	90983	Bluebird Bus-flat front, rear engine
5	1.6	90988	Bluebird Other bus
4	1.3	92981	Gillig Conventional bus (engine out front)
1	0.3	92982	Gillig Bus-flat front, front engine
8	2.6	92983	Gillig Bus-flat front, rear engine
3	1.0	92988	Gillig Other bus
28	9.0	93981	MCI Conventional bus (engine out front)
1	0.3	93982	MCI Bus-flat front, front engine
3	1.0	93983	MCI Bus-flat front, rear engine
3	1.0	93988	MCI Other bus
9	2.9	94981	Thomas Built Conventional bus (engine out front)
1	0.3	94983	Thomas Built Bus-flat front, rear engine
5	1.6	94988	Thomas Built Other bus
4	1.3	98902	Other Make NeoPlan bus
2	0.6	98905	Other Make DINA
6	1.9	98907	Other Make Orion
3	1.0	98908	Other Make Van Hool
24	7.7	98981	Other Make Other Conventional bus
3	1.0	98982	Other Make Other Bus front engine
7	2.3	98983	Other Make Other Bus rear engine
32	10.3	98988	Other Make Other bus
1	0.3	99981	Unknown Make Unknown Conventional bus
1	0.3	99988	Unknown Make Unknown Other bus
2	0.6	99989	Unknown Make Unknown bus

Variable	Name	Format	Type	Length
v110	BODY TYPE	FBODY03F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	1.0	12	Large limousine - 5+ side doors or stretch chassis

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
			Van Based Light Truck, GVWR < 10,000 lbs.
25	8.1	21	Large van (excludes moving van)
9	2.9	22	Step van or walk-in van
2	0.6	29	Unknown van type
111	35.8	50	School bus
36	11.6	51	Cross country/intercity bus (i.e., Greyhound)
82	26.5	52	Transit bus (city bus)
28	9.0	58	Other bus type
13	4.2	59	Unknown bus type
			Heavy/Medium Truck, GVWR > 10,000 lbs.
1	0.3	67	Medium/heavy pickup (Ford Super Duty 450/550)

Variable	Name	Format	Type	Length
v111	MODEL YEAR	FMODYR	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	1978	1978
1	0.3	1979	1979
1	0.3	1981	1981
1	0.3	1983	1983
1	0.3	1985	1985
3	1.0	1987	1987
5	1.6	1988	1988
5	1.6	1989	1989
6	1.9	1990	1990
5	1.6	1991	1991
6	1.9	1992	1992
7	2.3	1993	1993
10	3.2	1994	1994
16	5.2	1995	1995
16	5.2	1996	1996
19	6.1	1997	1997
17	5.5	1998	1998
24	7.7	1999	1999
35	11.3	2000	2000
37	11.9	2001	2001
34	11.0	2002	2002
22	7.1	2003	2003
19	6.1	2004	2004
16	5.2	2005	2005
3	1.0	9999	Unknown

Variable	Name	Format	Type	Length
v112	VIN	\$12	Char	12

VEHICLE ID NUMBER – 1<sup>ST</sup> 12 POSITIONS

Variable	Name	Format	Type	Length
v123	REGISTRATION STATE	FREG_ST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
20	6.5	0	Not applicable
0	0.0	1	Alabama
1	0.3	2	Alaska
0	0.0	3	American Samoa
7	2.3	4	Arizona
0	0.0	5	Arkansas
14	4.5	6	California
3	1.0	8	Colorado
5	1.6	9	Connecticut
2	0.6	10	Delaware
4	1.3	11	District of Columbia
30	9.7	12	Florida
6	1.9	13	Georgia
0	0.0	14	Guam
3	1.0	15	Hawaii
1	0.3	16	Idaho
13	4.2	17	Illinois
8	2.6	18	Indiana
4	1.3	19	Iowa
2	0.6	20	Kansas
2	0.6	21	Kentucky
3	1.0	22	Louisiana
1	0.3	23	Maine
12	3.9	24	Maryland
0	0.0	25	Massachusetts
8	2.6	26	Michigan
10	3.2	27	Minnesota
0	0.0	28	Mississippi
9	2.9	29	Missouri
0	0.0	30	Montana
1	0.3	31	Nebraska
3	1.0	32	Nevada
1	0.3	33	New Hampshire
13	4.2	34	New Jersey
2	0.6	35	New Mexico
19	6.1	36	New York
9	2.9	37	North Carolina
0	0.0	38	North Dakota

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
10	3.2	39	Ohio
2	0.6	40	Oklahoma
1	0.3	41	Oregon
21	6.8	42	Pennsylvania
0	0.0	43	Puerto Rico
0	0.0	44	Rhode Island
5	1.6	45	South Carolina
1	0.3	46	South Dakota
4	1.3	47	Tennessee
14	4.5	48	Texas
1	0.3	49	Utah
0	0.0	50	Vermont
12	3.9	51	Virginia
0	0.0	52	Virgin Islands
3	1.0	53	Washington
1	0.3	54	West Virginia
6	1.9	55	Wisconsin
5	1.6	56	Wyoming
4	1.3	92	No registration
2	0.6	93	Multiple state registration
0	0.0	95	U.S. government tags
0	0.0	96	Military vehicle
2	0.6	97	Foreign country
0	0.0	98	Other registration
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v124	REGISTERED VEHICLE OWNER	FROWNER	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
23	7.4	0	N/A, vehicle not registered
9	2.9	1	Driver (in this crash) was registered owner
18	5.8	2	Driver not registered owner (other private owner listed)
258	83.2	3	Veh registered as business/company/government vehicle
0	0.0	4	Vehicle registered as rental vehicle
0	0.0	5	Vehicle was stolen (reported by police)
1	0.3	6	Driverless motor vehicle parked/stopped off rdway/in motion outside trafficway
1	0.3	9	Unknown

Variable	Name	Format	Type	Length
v125	ROLLOVER	FROLL	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
297	95.8	0	No rollover
6	1.9	1	First event
7	2.3	2	Subsequent event

Variable	Name	Format	Type	Length
v126	JACKKNIFE	FJK82F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	0	Not an articulated vehicle
2	0.6	1	No
0	0.0	2	First event
0	0.0	3	Subsequent event

Variable	Name	Format	Type	Length
v127	TRAVEL SPEED	FTSPEED	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
23	7.4	0	Stopped motor vehicle in-transport
4	1.3	2	
		-	Actual miles per hour
1	0.3	70	
103	33.2	98	Not reported
71	22.9	99	Unknown

Variable	Name	Format	Type	Length
v128	HAZARDOUS CARGO	FHAZ	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	0	No
0	0.0	1	Yes, placarded
1	0.3	2	Yes, not placarded
0	0.0	3	Yes, unknown if placarded
1	0.3	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v129	VEHICLE TRAILERING	FVTOW87F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	0	No
1	0.3	1	Yes, one trailer
1	0.3	2	Yes, two trailers
0	0.0	3	Yes, three or more trailers
0	0.0	4	Yes, number of trailers unknown
0	0.0	5	Vehicle towing another motor vehicle
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v130	VEHICLE CONFIGURATION	FVCON01F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
23	7.4	0	Not applicable, not a med/heavy truck or bus or veh displaying a hazardous material placard
1	0.3	1	Single Unit Truck (SUT): 2 axles, 6 tires
24	7.7	20	Bus (seats 9-15 people, including driver)
261	84.2	21	Bus (seats more than 15 people, including driver)
1	0.3	99	Unknown if light or medium/heavy truck or bus

Variable	Name	Format	Type	Length
v131	NUMBER OF AXLES	FAXLES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
24	7.7	0	Not applicable, not a medium/heavy truck or bus
153	49.4	2	2 axles
82	26.5	3	3 axles
51	16.5	98	Medium/heavy truck or bus, number of axles unknown

Variable	Name	Format	Type	Length
v132	CARGO BODY TYPE	FCBT01F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
23	7.4	0	Not applicable, not a medium/heavy truck or bus
0	0.0	1	Van/enclosed box
0	0.0	2	Cargo tank
0	0.0	3	Flatbed



<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	4	Dump
0	0.0	5	Concrete mixer
0	0.0	6	Auto transporter
0	0.0	7	Garbage/refuse
0	0.0	8	Grain, chips, gravel, etc
0	0.0	9	Pole
24	7.7	20	Bus (seats 9-15 people, including driver)
261	84.2	21	Bus (seats more than 15 people, including driver)
0	0.0	96	No cargo body type
1	0.3	97	Medium/heavy truck or bus, other cargo body type
0	0.0	98	Medium/heavy truck or bus, unknown cargo body type
1	0.3	99	Unknown if light or med/heavy truck or bus

Variable	Name	Format	Type	Length
v133	SPECIAL USE	FSPECIAL	Numeric	3

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

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
286	92.3	0	No special use
2	0.6	1	Taxi
8	2.6	2	Vehicle used as school bus
11	3.5	3	Vehicle used as other bus
0	0.0	4	Military
0	0.0	5	Police
0	0.0	6	Ambulance
0	0.0	7	Firetruck
3	1.0	9	Unknown

Variable	Name	Format	Type	Length
v134	EMERGENCY USE	FYESNO	Numeric	3

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

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	No
0	0.0	1	Yes

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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Variable	Name	Format	Type	Length
v135	IMPACT POINT - INITIAL	FIMPACTA	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	1.6	0	Noncollision
14	4.5	1	1 o'clock
7	2.3	2	2 o'clock
10	3.2	3	3 o'clock
2	0.6	4	4 o'clock
7	2.3	5	5 o'clock
26	8.4	6	6 o'clock
2	0.6	7	7 o'clock
4	1.3	8	8 o'clock
12	3.9	9	9 o'clock
9	2.9	10	10 o'clock
17	5.5	11	11 o'clock
172	55.5	12	12 o'clock
0	0.0	13	Top
13	4.2	14	Undercarriage
1	0.3	18	Veh set something in motion causing inj/damage (not a clock point)
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v136	IMPACT POINT - PRINCIPAL	FIMPACTA	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	1.6	0	Noncollision
13	4.2	1	1 o'clock
7	2.3	2	2 o'clock
10	3.2	3	3 o'clock
1	0.3	4	4 o'clock
8	2.6	5	5 o'clock
25	8.1	6	6 o'clock
1	0.3	7	7 o'clock
3	1.0	8	8 o'clock
12	3.9	9	9 o'clock
8	2.6	10	10 o'clock
16	5.2	11	11 o'clock
171	55.2	12	12 o'clock
0	0.0	13	Top
17	5.5	14	Undercarriage
4	1.3	18	Veh set something in motion causing inj/damage (not a clock point)
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v137	EXTENT OF DEFORMATION	FEDEFORM	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
55	17.7	0	None
60	19.4	2	Other (minor)
62	20.0	4	Functional (moderate)
122	39.4	6	Disabling (severe)
11	3.5	9	Unknown

Variable	Name	Format	Type	Length
v138	VEHICLE ROLE	FIMPAC	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	1.6	0	Noncollision
184	59.4	1	Striking
106	34.2	2	Struck
15	4.8	3	Both

Variable	Name	Format	Type	Length
v139	MANNER OF LEAVING SCENE	FTOW82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
108	34.8	1	Driven
192	61.9	2	Towed away
10	3.2	9	Unknown

Variable	Name	Format	Type	Length
v140	FIRE OCCURRENCE	FFIRE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
306	98.7	0	No fire
4	1.3	1	Fire occurred in vehicle during accident

Variable	Name	Format	Type	Length
v142	VEHICLE MANEUVER	FV_MAN	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
204	65.8	1	Going straight
6	1.9	2	Slowing or stopping in traffic lane
6	1.9	3	Starting in traffic lane
23	7.4	4	Stopped in traffic lane

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	5	Passing or overtaking another vehicle
2	0.6	6	Leaving a parked position
1	0.3	7	Parked
0	0.0	8	Entering a parked position
3	1.0	9	Controlled maneuver to avoid animal, ped, object, veh, etc.
5	1.6	10	Turning right: Right Turn On Red (RTOR) permitted
0	0.0	11	Turning right: RTOR not permitted
12	3.9	12	Turning right: RTOR not known if permitted or n/a
33	10.6	13	Turning left
0	0.0	14	Making a U-turn
0	0.0	15	Backing up (other than for parking purposes)
5	1.6	16	Changing lanes or merging
10	3.2	17	Negotiating a curve
0	0.0	98	Other
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v143	CRASH AVOIDANCE MANUEVER	FCVOID	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
183	59.0	0	No avoidance maneuver reported
7	2.3	1	Braking (skidmarks evident)
8	2.6	2	Braking (no skidmarks; driver stated)
5	1.6	3	Braking (other reported evidence)
18	5.8	4	Steering (evidence or stated)
17	5.5	5	Steering & braking (evidence or stated)
1	0.3	6	Other avoidance maneuver
71	22.9	8	Not reported/inconclusive (by Police)

Variable	Name	Format	Type	Length
v144	MOST HARMFUL EVENT	FFHE82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
7	2.3	1	Overturn/rollover
2	0.6	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
1	0.3	5	Fell/jumped from vehicle
0	0.0	6	Injured in veh (other than cargo/equip loss/shift)
0	0.0	7	Other noncollision
80	25.8	8	Pedestrian
16	5.2	9	Pedalcycle
0	0.0	10	Railway train
0	0.0	11	Live animal

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
187	60.3	12	Motor vehicle in-transport on same roadway
3	1.0	13	Motor vehicle in-transport on different roadway
2	0.6	14	Parked motor vehicle or vehicle stopped off roadway
3	1.0	15	Nonmotorist on personal conveyance
0	0.0	16	Thrown/falling object (other than cargo/equip loss/shift)
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
0	0.0	24	Guardrail face
1	0.3	25	Concrete traffic barrier
0	0.0	26	Other traffic barrier
0	0.0	27	Highway/traffic sign post/sign
0	0.0	28	Overhead sign support/sign
0	0.0	29	Luminaire/light support
1	0.3	30	Utility pole
0	0.0	31	Other post, other pole or other supports
0	0.0	32	Culvert
0	0.0	33	Curb
1	0.3	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
1	0.3	42	Tree (standing tree only)
0	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, etc)
0	0.0	45	Working motor vehicle (construction, maintenance, utility)
0	0.0	46	Traffic signal support/signal
0	0.0	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
0	0.0	50	Bridge overhead structure
0	0.0	51	Jackknife (causing injury or damage)
0	0.0	52	Guardrail end
0	0.0	53	Mail box
4	1.3	54	Motor veh in-transport strikes or is struck by cargo, person, objects set in motion by another veh in-transport
0	0.0	55	Other not in-transport motor vehicle
0	0.0	60	Cargo/equipment loss or shift (causing injury or damage)
0	0.0	99	Unknown

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

Noncollision Event

- 01=Overturn/rollover
- 02=Fire/explosion
- 03=Immersion
- 04=Gas inhalation
- 05=Fell/jumped from vehicle
- 06=Injured in vehicle (other than cargo/equipment loss or shift)
- 07=Other noncollision
- 16=Thrown or falling object (other than cargo/equipment loss or shift)
- 44=Pavement surface irregularity (pothole, grooved, grates)
- 47=Vehicle occupant struck or run over by own vehicle
- 51=Jackknife (causing injury or damage)
- 60=Cargo/equipment loss or shift (causing injury or damage)

Collision with Motor Vehicle

*Collision Involving Motor Vehicles In-Transport*

- 12=Motor vehicle in-transport
- 13=Motor vehicle in-transport on different roadway
- 54=Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport

*Collision Involving Motor Vehicles Not In-Transport*

- 14=Parked motor vehicle or vehicle stopped off roadway
- 45=Working motor vehicle (construction, maintenance or utility vehicle only)
- 55=Other not in-transport motor vehicle

Collision with Object Not Fixed

- 08=Pedestrian
- 09=Pedalcycle
- 10=Railway train
- 11=Live animal
- 15=Nonmotorist on personal conveyance
- 18=Other object (not fixed)
- 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 face
- 25=Concrete traffic barrier
- 26=Other traffic barrier
- 27=Highway/traffic sign post/sign
- 28=Overhead sign support/sign
- 29=Luminaire/light support
- 30=Utility pole
- 31=Other post, other pole or other support
- 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 (standing tree only)
- 43=Other fixed object
- 46=Traffic signal support/signal
- 48=Collision with snow bank
- 50=Bridge overhead structure
- 52=Guardrail end
- 53=Mail box

Variable	Name	Format	Type	Length
v145	NUMBER OF DEATHS IN VEH	FVDEATH	Numeric	3

NUMBER OF DEATHS IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
274	88.4	0	0 deaths
24	7.7	1	1 death
5	1.6	2	2 deaths
4	1.3	3	3 deaths
2	0.6	5	5 deaths
1	0.3	23	23 deaths

Variable	Name	Format	Type	Length
v151	VIN TRUCK FUEL CODE	V151_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	(E) Electric operated
23	7.4	2	(G) Gas
110	35.5	3	(D) Diesel
0	0.0	4	(P) Propane
5	1.6	7	(*) Not available from VIN
0	0.0	8	(b) Unknown
172	55.5	9	(9) No VIN information

Variable	Name	Format	Type	Length
v152	VIN TRUCK WEIGHT CODE		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
12	3.9	0	Value not returned

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
10	3.2	2	6,001 – 10,000 lbs.
17	5.5	3	10,001 – 14,000 lbs.
19	6.1	4	14,001 – 16,000 lbs.
1	0.3	5	16,001 – 19,500 lbs.
18	5.8	6	19,501 – 26,000 lbs.
59	19.0	7	26,001 – 33,000 lbs.
2	0.6	8	> 33,001 lbs.
172	55.5	9	Value not coded

Variable	Name	Format	Type	Length
v153	VIN TRUCK SERIES		Char	3

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Variable	Name	Format	Type	Length
v155	LENGTH OF VIN		Numeric	3

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	13	
		-	Actual length
308	99.4	17	

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	Name	Format	Type	Length
v156	NUMBER UNINJURED IN VEH	FVUNINJ	Numeric	8

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NUMBER OF UNINJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
117	37.7	0	0 uninjured
187	60.3	1	1 uninjured
1	0.3	2	2 uninjured
3	1.0	3	3 uninjured
0	0.0	4	4 uninjured
1	0.3	5	5 uninjured
0	0.0	6	6 uninjured
1	0.3	7	7 uninjured



Variable	Name	Format	Type	Length
v157	NUMBER C-INJURED IN VEH	FVCINJ	Numeric	8

NUMBER OF C-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
217	70.0	0	0 C-injured
48	15.5	1	1 C-injured
9	2.9	2	2 C-injured
3	1.0	3	3 C-injured
6	1.9	4	4 C-injured
8	2.6	5	5 C-injured
4	1.3	6	6 C-injured
2	0.6	7	7 C-injured
1	0.3	8	8 C-injured
1	0.3	9	9 C-injured
1	0.3	10	10 C-injured
3	1.0	11	11 C-injured
2	0.6	14	14 C-injured
2	0.6	19	19 C-injured
1	0.3	22	22 C-injured
1	0.3	26	26 C-injured
1	0.3	33	33 C-injured

Variable	Name	Format	Type	Length
v158	NUMBER B-INJURED IN VEH	FVBINJ	Numeric	8

NUMBER OF B-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
252	81.3	0	0 B-injured
28	9.0	1	1 B-injured
8	2.6	2	2 B-injured
8	2.6	3	3 B-injured
0	0.0	4	4 B-injured
2	0.6	5	5 B-injured
3	1.0	6	6 B-injured
1	0.3	7	7 B-injured
1	0.3	9	9 B-injured
2	0.6	10	10 B-injured
1	0.3	11	11 B-injured
1	0.3	12	12 B-injured
1	0.3	19	19 B-injured
1	0.3	23	23 B-injured
1	0.3	26	26 B-injured

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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Variable	Name	Format	Type	Length
v159	NUMBER A-INJURED IN VEH	FVAINJ	Numeric	8

NUMBER OF A-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
272	87.7	0	0 A-injured
18	5.8	1	1 A-injured
4	1.3	2	2 A-injured
5	1.6	3	3 A-injured
2	0.6	4	4 A-injured
5	1.6	5	5 A-injured
1	0.3	6	6 A-injured
1	0.3	8	8 A-injured
1	0.3	27	27 A-injured
1	0.3	46	46 A-injured

Variable	Name	Format	Type	Length
v160	NUMBER K-INJURED IN VEH	FVKINJ	Numeric	8

NUMBER OF K-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
274	88.4	0	0 killed
24	7.7	1	1 killed
5	1.6	2	2 killed
4	1.3	3	3 killed
2	0.6	5	5 killed
1	0.3	23	23 killed

Variable	Name	Format	Type	Length
v161	NUM UNK INJURED IN VEH	FVUNKINJ	Numeric	8

NUMBER UNKNOWN INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
307	99.0	0	0 unknown injured
1	0.3	1	1 unknown injured
1	0.3	2	2 unknown injured
1	0.3	4	4 unknown injured

Variable	Name	Format	Type	Length
v162	VEH RELATED FACTORS #1	FVRF	Numeric	3

RELATED FACTORS AT VEHICLE LEVEL – RESPONSE #1

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	None
Vehicle Condition(s) Noted:			
2	0.6	1	Tires
2	0.6	2	Brake system
0	0.0	3	Steering system - includes tie-rod, kingpin, ball-joint, etc.
0	0.0	4	Suspension - includes springs, shock-absorbers, struts, etc.
1	0.3	5	Power train/engine - includes universal-joint, drive-shaft, 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
1	0.3	14	Body, doors, hood, other
0	0.0	15	Trailer hitch
0	0.0	16	Wheels
0	0.0	17	Airbags
0	0.0	18	Other vehicle defects
0	0.0	19	Safety belts
Special Vehicle Flags:			
4	1.3	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	35	Reconstructed vehicle
0	0.0	36	Electric/alternative fuel vehicle
1	0.3	37	Transporting children to/from Head Start/Day Care
0	0.0	39	Highway construction, maintenance/utility veh in transport
0	0.0	40	Highway incident response vehicle
0	0.0	41	Police, fire, EMS veh working at scene of emergency
0	0.0	42	Other working veh (not constr, maint, util, police, fire, EMS veh)
0	0.0	43	Hazardous materials/cargo released from this vehicle
3	1.0	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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Variable	Name	Format	Type	Length
v163	VEH RELATED FACTORS #2	FVRF	Numeric	3

RELATED FACTORS AT VEHICLE LEVEL – RESPONSE #2

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
307	99.0	0	None
3	1.0	99	Unknown

Variable	Name	Format	Type	Length
v164	UNDERRIDE/OVERRIDE	FURID05F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
307	99.0	0	No underride or override

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Underriding a 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
2	0.6	7	Overriding a motor vehicle in-transport
0	0.0	8	Overriding a motor vehicle not in-transport
0	0.0	9	Unknown if underride or override

Variable	Name	Format	Type	Length
v170	MOTOR CARRIER ID		Char	11

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Issuing Authority (cols 1-2)			
2	0.6		Blank
23	7.4	00	Not applicable
1	0.3	06	
		-	FARS state code
1	0.3	48	
67	21.6	57	US DOT
2	0.6	58	ICC
88	28.4	88	None
1	0.3	95	Canada
97	31.3	99	Unknown

Identification Number (cols 3-11)			
		00000000	Not applicable
		88888888	None
		99999999	Unknown

Variable	Name	Format	Type	Length
v171	BUS USE	FBUSUSE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
20	6.5	0	Not used as a bus
81	26.1	1	Used as a Public school bus
2	0.6	2	Used as a Private school bus
45	14.5	3	Used as a School bus, public or private unknown
57	18.4	4	Used as a Scheduled service bus
39	12.6	5	Used as a Tour bus
26	8.4	6	Used as a Commuter bus
14	4.5	7	Used as a Shuttle bus
1	0.3	8	Modified for personal/private use
25	8.1	9	Unknown bus use

Variable	Name	Format	Type	Length
v172	GROSS WEIGHT RATING-GVWR	FGVWR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
24	7.7	0	Not applicable
14	4.5	1	10,000 lbs or less
53	17.1	2	10,001 - 26,000 lbs
185	59.7	3	26,001 lbs or more
34	11.0	9	Unknown

Variable	Name	Format	Type	Length
v173	EVENT #1	FSEQ04F	Numeric	3

EVENT #1 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	1	Overturn/rollover
1	0.3	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
2	0.6	5	Fell/jumped from vehicle
0	0.0	6	Injured in veh (other than cargo/equipment loss/shift)
0	0.0	7	Other noncollision
71	22.9	8	Pedestrian
16	5.2	9	Pedalcycle
0	0.0	10	Railway train
0	0.0	11	Live Animal
185	59.7	12	Motor-vehicle in transport on same roadway
1	0.3	13	Motor-vehicle in transport on different roadway

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	14	Parked motor-vehicle or vehicle stopped off roadway
3	1.0	15	Nonmotorist on personal conveyance
0	0.0	16	Thrown/falling object(other than cargo/equip loss/shift)
0	0.0	17	Boulder
1	0.3	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
0	0.0	24	Guardrail face
0	0.0	25	Concrete traffic barrier
0	0.0	26	Other traffic barrier
0	0.0	27	Highway/traffic sign post/sign
0	0.0	28	Overhead sign support/sign
0	0.0	29	Luminaire/light support
0	0.0	30	Utility pole
0	0.0	31	Other post, other pole or other 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
0	0.0	42	Tree (standing tree only)
0	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, etc)
1	0.3	45	Working motor veh (construction, maintenance, utility veh)
0	0.0	46	Traffic signal support/signal
0	0.0	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
0	0.0	50	Bridge overhead structure
0	0.0	51	Jackknife
0	0.0	52	Guardrail end
0	0.0	53	Mail box
2	0.6	54	Motor vehicle in-transport strikes or is struck by cargo, persons, objects set in motion by another veh in-transport
0	0.0	55	Other not in-transport motor vehicle
0	0.0	60	Cargo/equipment loss or shift
1	0.3	61	Equipment failure (blown tire, brake failure, etc.)
0	0.0	62	Separation of units
7	2.3	63	Ran off road - right
5	1.6	64	Ran off road - left

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
11	3.5	65	Cross median/centerline
0	0.0	66	Downhill runaway
0	0.0	67	Vehicle went airborne
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v174	EVENT #2	FSEQ04F	Numeric	3

EVENT #2 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
216	69.7	0	0
3	1.0	1	Overturn/rollover
2	0.6	8	Pedestrian
25	8.1	12	Motor-vehicle in transport on same roadway
2	0.6	14	Parked motor-vehicle or vehicle stopped off roadway
1	0.3	24	Guardrail face
1	0.3	25	Concrete traffic barrier
1	0.3	27	Highway/traffic sign post/sign
1	0.3	29	Luminaire/light support
1	0.3	33	Curb
1	0.3	34	Ditch
1	0.3	35	Embankment – earth
1	0.3	37	Embankment - material type unknown
1	0.3	42	Tree (standing tree only)
1	0.3	43	Other fixed object
1	0.3	46	Traffic signal support/signal
1	0.3	47	Vehicle occupant struck or run over by own vehicle
1	0.3	53	Mail box
4	1.3	54	Motor vehicle in-transport strikes or is struck by cargo, persons, objects set in motion by another veh in-transport
22	7.1	63	Ran off road – right
11	3.5	64	Ran off road – left
4	1.3	65	Cross median/centerline
8	2.6	99	Unknown

Variable	Name	Format	Type	Length
v175	EVENT #3	FSEQ04F	Numeric	3

EVENT #3 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
251	81.0	0	0

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	1.6	1	Overturn/rollover
7	2.3	8	Pedestrian
4	1.3	12	Motor-vehicle in transport on same roadway
1	0.3	13	Motor-vehicle in transport on different roadway
1	0.3	14	Parked motor-vehicle or vehicle stopped off roadway
1	0.3	21	Bridge pier or abutment
1	0.3	23	Bridge rail
3	1.0	24	Guardrail face
3	1.0	25	Concrete traffic barrier
1	0.3	29	Luminaire/light support
1	0.3	30	Utility pole
2	0.6	34	Ditch
2	0.6	37	Embankment - material type unknown
1	0.3	40	Fire hydrant
1	0.3	41	Shrubbery
1	0.3	42	Tree (standing tree only)
1	0.3	43	Other fixed object
1	0.3	46	Traffic signal support/signal
1	0.3	53	Mail box
4	1.3	63	Ran off road - right
4	1.3	64	Ran off road - left
1	0.3	65	Cross median/centerline
12	3.9	99	Unknown

Variable	Name	Format	Type	Length
v176	EVENT #4	FSEQ04F	Numeric	3

## EVENT #4 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	89.0	0	0
2	0.6	1	Overturn/rollover
2	0.6	2	Fire/explosion
3	1.0	8	Pedestrian
4	1.3	12	Motor-vehicle in transport on same roadway
1	0.3	14	Parked motor-vehicle or vehicle stopped off roadway
1	0.3	29	Luminaire/light support
1	0.3	30	Utility pole
1	0.3	33	Curb
1	0.3	35	Embankment - earth
4	1.3	42	Tree (standing tree only)
1	0.3	65	Cross median/centerline
1	0.3	67	Vehicle went airborne
12	3.9	99	Unknown



Variable	Name	Format	Type	Length
v177	EVENT #5	FSEQ04F	Numeric	3

EVENT #5 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
290	93.5	0	0
2	0.6	1	Overturn/rollover
1	0.3	8	Pedestrian
1	0.3	13	Motor-vehicle in transport on different roadway
1	0.3	14	Parked motor-vehicle or vehicle stopped off roadway
1	0.3	38	Fence
1	0.3	41	Shrubbery
1	0.3	65	Cross median/centerline
12	3.9	99	Unknown

Variable	Name	Format	Type	Length
v178	EVENT #6	FSEQ04F	Numeric	3

EVENT #6 RELATED TO THIS VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
292	94.2	0	0
1	0.3	13	Motor-vehicle in transport on different roadway
1	0.3	14	Parked motor-vehicle or vehicle stopped off roadway
1	0.3	19	Building
1	0.3	39	Wall
1	0.3	64	Ran off road - left
13	4.2	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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### The DRIVER Variables

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

Variable	Name	Format	Type	Length
v207	DRIVER PRESENCE	FDRIVER	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	1	Driver operated vehicle
2	0.6	2	Driverless
0	0.0	3	Driver left scene
0	0.0	4	Motor vehicle not in-transport (parked, stopped off roadway, working, in motion outside trafficway)

Variable	Name	Format	Type	Length
v208	DRIVER DRINKING	FDRIVEDR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	0	No drinking reported
2	0.6	1	Drinking reported
0	0.0	8	Not reported

Variable	Name	Format	Type	Length
v209	LICENSE STATE	FSTATES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	Alabama
0	0.0	2	Alaska
10	3.2	4	Arizona
2	0.6	5	Arkansas
29	9.4	6	California
4	1.3	8	Colorado
5	1.6	9	Connecticut
2	0.6	10	Delaware
4	1.3	11	District of Columbia
29	9.4	12	Florida
7	2.3	13	Georgia
3	1.0	15	Hawaii
1	0.3	16	Idaho
12	3.9	17	Illinois
7	2.3	18	Indiana
3	1.0	19	Iowa
2	0.6	20	Kansas
1	0.3	21	Kentucky
4	1.3	22	Louisiana
1	0.3	23	Maine

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
11	3.5	24	Maryland
0	0.0	25	Massachusetts
9	2.9	26	Michigan
9	2.9	27	Minnesota
0	0.0	28	Mississippi
10	3.2	29	Missouri
0	0.0	30	Montana
2	0.6	31	Nebraska
4	1.3	32	Nevada
1	0.3	33	New Hampshire
12	3.9	34	New Jersey
2	0.6	35	New Mexico
21	6.8	36	New York
8	2.6	37	North Carolina
0	0.0	38	North Dakota
10	3.2	39	Ohio
2	0.6	40	Oklahoma
1	0.3	41	Oregon
21	6.8	42	Pennsylvania
0	0.0	43	Puerto Rico
0	0.0	44	Rhode Island
5	1.6	45	South Carolina
2	0.6	46	South Dakota
6	1.9	47	Tennessee
15	4.8	48	Texas
1	0.3	49	Utah
0	0.0	50	Vermont
12	3.9	51	Virginia
0	0.0	52	Virgin Islands
6	1.9	53	Washington
1	0.3	54	West Virginia
6	1.9	55	Wisconsin
0	0.0	56	Wyoming
2	0.6	95	US government tags
1	0.3	96	Military vehicle
1	0.3	97	Other foreign country
3	1.0	99	Unknown

Variable	Name	Format	Type	Length
v210A	NON-CDL LICENSE TYPE	FLTYPF	Numeric	3

NON-CDL LICENSE TYPE, REGARDLESS OF VEHICLE DRIVEN

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	0	Not licensed

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
301	97.1	1	Full driver license
0	0.0	2	Intermediate driver license
0	0.0	7	Learner's Permit
0	0.0	8	Temporary license
8	2.6	9	Unknown license type

Variable	Name	Format	Type	Length
v210B	NON-CDL LICENSE STATUS	FLST93F	Numeric	3

NON-CDL LICENSE STATUS, REGARDLESS OF VEHICLE DRIVEN

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	0	Not licensed
3	1.0	1	Suspended
0	0.0	2	Revoked
1	0.3	3	Expired
0	0.0	4	Canceled or denied
297	95.8	6	Valid
8	2.6	9	Unknown license status

Variable	Name	Format	Type	Length
v211	LICENSE CLASS COMPLIANCE	FCOM87F	Numeric	3

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	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
293	94.5	3	Valid license for this class vehicle
1	0.3	8	Unknown if CDL/CDL endorsement required for this vehicle
8	2.6	9	Unknown

Variable	Name	Format	Type	Length
v212	CDL LICENSE STATUS	FCDL93F	Numeric	3

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
20	6.5	0	No (CDL)
2	0.6	1	Suspended
0	0.0	2	Revoked
1	0.3	3	Expired

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	4	Canceled or denied
0	0.0	5	Disqualified
276	89.0	6	Valid
0	0.0	7	Learner's permit
1	0.3	8	Other - not valid
10	3.2	9	Unknown

Variable	Name	Format	Type	Length
v213	LICENSE ENDORSEMENTS	FEND91F	Numeric	3

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## COMPLIANCE WITH LICENSE ENDORSEMENTS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
65	21.0	0	No endorsements required for this vehicle
172	55.5	1	Endorsement(s) required, complied with
2	0.6	2	Endorsement(s) required, not complied with
58	18.7	3	Endorsement(s) required, compliance unknown
13	4.2	9	Unknown, if required

Variable	Name	Format	Type	Length
v214	LICENSE RESTRICTIONS MET	FLREST	Numeric	3

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## COMPLIANCE WITH LICENSE RESTRICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
143	46.1	0	No restrictions or not applicable
32	10.3	1	Restrictions complied with
3	1.0	2	Restrictions not complied with
122	39.4	3	Restrictions, compliance unknown
10	3.2	9	Unknown

Variable	Name	Format	Type	Length
v216	NUMBER OF PREV ACCIDENTS	FNOPAC	Numeric	3

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## NUMBER OF PREVIOUS RECORDED ACCIDENTS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
232	74.8	0	0 accidents
44	14.2	1	1 accident
8	2.6	2	2 accidents
2	0.6	3	3 accidents
1	0.3	5	5 accidents

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
14	4.5	98	Accidents not reported on driving record
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v217	NUMBER PREV SUSPENSIONS	FNOPSUS	Numeric	3

NUMBER OF PREVIOUS SUSPENSIONS/REVOICATIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
283	91.3	0	0 suspensions
12	3.9	1	1 suspension
4	1.3	2	2 suspensions
1	0.3	3	3 suspensions
1	0.3	5	5 suspensions
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v218	NUMBER OF PREV DWI CONV	FNODWI	Numeric	3

NUMBER OF PREVIOUS DWI CONVICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
301	97.1	0	0 DWI convictions
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v219	NUM PREV SPEEDING CONV	FNOPSPD	Numeric	3

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
268	86.5	0	0 speed convictions
30	9.7	1	1 speed conviction
3	1.0	2	2 speed convictions
9	2.9	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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Variable	Name	Format	Type	Length
v220	NUM PREV OTHER MV CONV	FNOPTH	Numeric	3

NUMBER OF PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
263	84.8	0	0 other convictions
34	11.0	1	1 other conviction
3	1.0	2	2 other convictions
1	0.3	3	3 other convictions
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v221	LAST ACCIDENT - MONTH	FACMONTH	Numeric	3

LAST ACCIDENT/SUSPENSION/CONVICTION – MONTH

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
194	62.6	0	No record
10	3.2	1	January
8	2.6	2	February
14	4.5	3	March
7	2.3	4	April
11	3.5	5	May
6	1.9	6	June
5	1.6	7	July
9	2.9	8	August
12	3.9	9	September
9	2.9	10	October
8	2.6	11	November
8	2.6	12	December
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v222	LAST ACCIDENT – YEAR		Numeric	4

LAST ACCIDENT/SUSPENSION/CONVICTION – YEAR

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
194	62.6	0	No record
9	2.9	2002	2002
33	10.6	2003	2003
42	13.5	2004	2004
23	7.4	2005	2005
9	2.9	9999	Unknown



Variable	Name	Format	Type	Length
v223	FIRST ACCIDENT - MONTH	FACMONTH	Numeric	3

1<sup>ST</sup> ACCIDENT/SUSPENSION/CONVICTION – MONTH

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
194	62.6	0	No record
11	3.5	1	January
9	2.9	2	February
16	5.2	3	March
4	1.3	4	April
12	3.9	5	May
2	0.6	6	June
3	1.0	7	July
11	3.5	8	August
12	3.9	9	September
10	3.2	10	October
10	3.2	11	November
7	2.3	12	December
9	2.9	99	Unknown

Variable	Name	Format	Type	Length
v224	FIRST ACCIDENT – YEAR		Numeric	4

1<sup>ST</sup> ACCIDENT/SUSPENSION/CONVICTION – YEAR

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
194	62.6	0	No record
20	6.5	2002	2002
42	13.5	2003	2003
31	10.0	2004	2004
14	4.5	2005	2005
9	2.9	9999	Unknown

Variable	Name	Format	Type	Length
v227	DRIVER RELATED FACTORS#1	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #1

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
199	64.2	0	None
			Physical/Mental Condition
3	1.0	1	Drowsy, sleepy, asleep, fatigued
2	0.6	2	Ill, passed out/blackout

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	3	Emotional (e.g., depression, angry, disturbed)
0	0.0	4	Reaction to or failure to take drugs/medication
0	0.0	5	Under the influence of alcohol, drugs or medication
15	4.8	6	Inattentive (talking, eating, etc.)
0	0.0	7	Restricted to wheelchair
0	0.0	8	Road rage/aggressive driving
0	0.0	9	Impaired due to previous injury
0	0.0	11	Other physical impairment (includes paraplegic)
0	0.0	12	Mother of dead fetus
0	0.0	13	Mentally challenged
0	0.0	15	Seat back not in normal upright position, seat back reclined
0	0.0	16	Police or law enforcement officer
Miscellaneous Causes			
0	0.0	18	Traveling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license
1	0.3	20	Leaving vehicle unattended with engine running
0	0.0	21	Overloading/improper loading of veh with pass or cargo
0	0.0	22	Towing or pushing improperly
0	0.0	23	Failing to dim lights or to have lights on when required
0	0.0	24	Operating without required equipment
0	0.0	26	Following improperly
1	0.3	27	Improper or erratic lane changing
14	4.5	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road shoulder, ditch, sidewalk, median
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 closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, school bus warning, etc
0	0.0	34	Passing on wrong side
0	0.0	35	Pass w/insuff distance/inadequate visibility; failing to yield to overtaking veh
4	1.3	36	Oper veh in an erratic, reckless, careless, negligent manner
0	0.0	37	Police pursuing this driver or police officer in pursuit
23	7.4	38	Failure to yield right-of-way
5	1.6	39	Fail to obey traffic signs, control devices, officers, etc
0	0.0	40	Passing through or around barrier
0	0.0	41	Fail to observe warnings/instructions on vehicle displaying them
0	0.0	42	Failure to signal intentions
10	3.2	44	Driving too fast for conditions/in excess of posted maximum
1	0.3	45	Driving less than posted minimum
0	0.0	46	Racing
0	0.0	47	Making right turn from left turn lane; or left turn from right turn lane
2	0.6	48	Making other improper turn
0	0.0	50	Driving wrong way on one-way traffic

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	51	Driving on wrong side of road (intentional or unintentional)
0	0.0	52	Operator inexperience
0	0.0	53	Unfamiliar with roadway
0	0.0	54	Stopped in roadway (vehicle not abandoned)
0	0.0	55	Under riding a parked truck
0	0.0	57	Locked wheel
0	0.0	58	Overcorrecting
0	0.0	59	Getting off/out of or on/into vehicle
Vision Obscured By:			
2	0.6	61	Rain, snow, fog, smoke, sand, dust
0	0.0	62	Reflected glare, bright sunlight, headlights
0	0.0	63	Curve, hill, design features (incl traf signs, embankment)
0	0.0	64	Building, billboard, other structures
0	0.0	65	Trees, crops, vegetation
1	0.3	66	Motor vehicle (including load)
1	0.3	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
0	0.0	75	Broken or improperly cleaned windshield
0	0.0	76	Other visual obstruction
Avoiding, Swerving or Sliding due to:			
0	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
1	0.3	79	Slippery or loose surface
1	0.3	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
0	0.0	84	Vehicle in road
0	0.0	85	Phantom vehicle
1	0.3	86	Pedestrian, pedalcyclist, or other nonmotorist
0	0.0	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
0	0.0	88	Trailer fishtailing or swaying
Special Circumstances			
0	0.0	73	Driver not complied w/learner's permit/intemed dr lic restricrs
3	1.0	74	Driver not complied w/physical/other imposed restrictions
0	0.0	89	Driver has a record/driver's license from more than 1 state
4	1.3	90	Hit and run vehicle, driver
1	0.3	91	Nontraffic violation charged - manslaughter, homicide, other
4	1.3	92	Other nonmoving traffic violations

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Possible Distractions (inside vehicle)			
4	1.3	93	Cellular phone present in vehicle
0	0.0	94	Cellular phone in use in vehicle
0	0.0	95	Computer/fax machines/printers
0	0.0	96	On-board navigation system
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
6	1.9	99	Unknown

Variable	Name	Format	Type	Length
v228	DRIVER RELATED FACTORS#2	FDRF02F	Numeric	3

## FACTORS AT DRIVER LEVEL – RESPONSE #2

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
269	86.8	0	None
Physical/Mental Condition			
1	0.3	2	Ill, passed out/blackout
2	0.6	6	Inattentive (talking, eating, etc.)
1	0.3	11	Other physical impairment (includes paraplegic)
Miscellaneous Causes			
1	0.3	21	Overloading/improper loading of veh with pass or cargo
1	0.3	27	Improper or erratic lane changing
6	1.9	28	Failure to keep in proper lane
2	0.6	36	Oper veh in an erratic, reckless, careless, negligent manner
7	2.3	38	Failure to yield right-of-way
2	0.6	39	Fail to obey traffic signs, control devices, officers, etc
5	1.6	44	Driving too fast for conditions/in excess of posted maximum
2	0.6	52	Operator inexperience
1	0.3	58	Overcorrecting
Vision Obscured By:			
1	0.3	62	Reflected glare, bright sunlight, headlights
Avoiding, Swerving or Sliding due to:			
1	0.3	81	Debris or objects in road
Special Circumstances			
2	0.6	92	Other nonmoving traffic violations
6	1.9	99	Unknown

Variable	Name	Format	Type	Length
v229	DRIVER RELATED FACTORS#3	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	None
			Miscellaneous Causes
3	1.0	28	Failure to keep in proper lane
1	0.3	41	Fail to observe warnings/instructions on vehicle displaying them
			Vision Obscured By:
1	0.3	71	Obstructing angles on vehicle
			Special Circumstances
1	0.3	91	Nontraffic violation charged - manslaughter, homicide, other
			Possible Distractions (inside vehicle)
1	0.3	93	Cellular phone present in vehicle
1	0.3	94	Cellular phone in use in vehicle
6	1.9	99	Unknown

Variable	Name	Format	Type	Length
v230	DRIVER RELATED FACTORS#4	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
301	97.1	0	None
			Miscellaneous Causes
1	0.3	58	Overcorrecting
			Vision Obscured By:
1	0.3	72	Mirrors
			Possible Distractions (inside vehicle)
1	0.3	93	Cellular phone present in vehicle
6	1.9	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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Variable	Name	Format	Type	Length
v231	VIOLATIONS CHARGED#1	FVCHG97F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
270	87.1	0	None
Reckless/careless/hit-and-run type offenses			
5	1.6	1	Manslaughter or homicide
0	0.0	2	Willful reckless driving; driving to endanger; negligent
2	0.6	3	Unsafe reckless (not willful, wanton reckless) driving
4	1.3	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/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
Speed-related offenses			
0	0.0	21	Racing
2	0.6	22	Speeding (above the speed limit)
0	0.0	23	Speed greater than reasonable & prudent
0	0.0	24	Exceed special speed limit (e.g. for trucks, in school zone)
0	0.0	25	Energy speed (exceeding 55 MPH, non-pointable)
0	0.0	26	Driving too slowly
1	0.3	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	Viol of turn on red (fail to stop/yield; yield to peds before turn)
0	0.0	34	Fail to obey flashing signal (yellow or red)
1	0.3	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

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Rules of the Road – Turning, Yielding, Signaling			
0	0.0	41	Turn in violation of traf control (disobey signs, etc.)
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
11	3.5	46	Fail to yield, generally
0	0.0	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			
1	0.3	61	Unsafe or prohibited lane change
0	0.0	62	Improper use of lane
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (>2 per lane, riding between lanes)
0	0.0	67	Motorcyclist attached to another vehicle
1	0.3	69	Lane violations, generally
Non-Moving – License & Registration Violations			
1	0.3	71	Driving while lic withdrawn (inc viol of provisions of work permit)
0	0.0	72	Other driver license violations
0	0.0	73	Commercial driver violations (log book, hours, permits carried)
1	0.3	74	Vehicle registration violations
0	0.0	75	Fail to carry insurance card
0	0.0	76	Driving uninsured vehicle
0	0.0	79	Nonmoving 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 equip)
0	0.0	85	Violation of hazardous cargo regulations
0	0.0	86	Size, weight, load violations
0	0.0	89	Equipment violations, generally

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
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, etc)
0	0.0	98	Other moving violation (coasting, backing, opening door)
9	2.9	99	Unknown violation

Variable	Name	Format	Type	Length
v232	VIOLATIONS CHARGED#2	FVCHG97F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
301	97.1	0	None
Reckless/Careless/Hit-and-Run Type Offenses			
1	0.3	3	Unsafe reckless (not willful, wanton reckless) driving
1	0.3	9	Serious violation resulting in death
Rules of the Road – Turning, Yielding, Signaling			
1	0.3	46	Fail to yield, generally
6	1.9	99	Unknown violation

Variable	Name	Format	Type	Length
v233	VIOLATIONS CHARGED#3	FVCHG97F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
304	98.1	0	None
6	1.9	99	Unknown violation

Variable	Name	Format	Type	Length
v235	DRIVER HEIGHT (INCHES)		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	59	
		-	Actual inches
1	0.3	77	
10	3.2	99	Unknown



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Variable	Name	Format	Type	Length
v236	DRIVER WEIGHT		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	105	
		-	Actual weight in pounds
1	0.3	330	
107	34.5	999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
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### The OCCUPANT Variables

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

Variable	Name	Format	Type	Length
v306	OCCUPANT NUMBER		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	0	None
308	99.4	1	Occupant #1

Variable	Name	Format	Type	Length
v308	OCCUPANT AGE	FOCCAGE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	15	15 years
0	0.0	16	16 years
0	0.0	17	17 years
0	0.0	18	18 years
0	0.0	19	19 years
1	0.3	20	20 years
0	0.0	21	21 years
6	1.9	22	22 years
1	0.3	23	23 years
6	1.9	24	24 years
1	0.3	25	25 years
1	0.3	26	26 years
2	0.6	27	27 years
3	1.0	28	28 years
1	0.3	29	29 years
3	1.0	30	30 years
4	1.3	31	31 years
6	1.9	32	32 years
6	1.9	33	33 years
6	1.9	34	34 years
5	1.6	35	35 years
11	3.5	36	36 years
7	2.3	37	37 years
5	1.6	38	38 years
6	1.9	39	39 years
6	1.9	40	40 years
12	3.9	41	41 years
8	2.6	42	42 years
6	1.9	43	43 years
8	2.6	44	44 years
11	3.5	45	45 years
11	3.5	46	46 years

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
10	3.2	47	47 years
8	2.6	48	48 years
4	1.3	49	49 years
10	3.2	50	50 years
6	1.9	51	51 years
6	1.9	52	52 years
6	1.9	53	53 years
8	2.6	54	54 years
11	3.5	55	55 years
9	2.9	56	56 years
7	2.3	57	57 years
14	4.5	58	58 years
10	3.2	59	59 years
6	1.9	60	60 years
7	2.3	61	61 years
3	1.0	62	62 years
5	1.6	63	63 years
9	2.9	64	64 years
2	0.6	65	65 years
2	0.6	66	66 years
1	0.3	67	67 years
4	1.3	68	68 years
1	0.3	69	69 years
1	0.3	70	70 years
2	0.6	71	71 years
2	0.6	72	72 years
4	1.3	73	73 years
1	0.3	74	74 years
2	0.6	75	75 years
0	0.0	76	76 years
1	0.3	77	77 years
2	0.6	78	78 years
0	0.0	79	79 years
0	0.0	80	80 years
0	0.0	81	81 years
0	0.0	82	82 years
0	0.0	83	83 years
0	0.0	84	84 years
3	1.0	99	Unknown

Variable	Name	Format	Type	Length
v309	OCCUPANT SEX	FSEX	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
209	67.4	1	Male

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
98	31.6	2	Female
3	1.0	9	Unknown

Variable	Name	Format	Type	Length
v310	OCCUPANT TYPE	FPTYP94F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	1	Driver of a motor vehicle in transport
2	0.6	99	Unknown occupant type

Variable	Name	Format	Type	Length
v311	OCC SEATING POSITION	FSEAT82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	99.4	11	Front seat - left side (driver's side)
2	0.6	99	Unknown

Variable	Name	Format	Type	Length
v312	RESTRAINT SYSTEM USE	FRUSE94F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
24	7.7	0	None used/NA - not a motor vehicle occupant
3	1.0	1	Shoulder belt
42	13.5	2	Lap belt
201	64.8	3	Lap and shoulder belt
1	0.3	8	Restraint used - type unknown
39	12.6	99	Unknown

Variable	Name	Format	Type	Length
v313	AIR BAG AVAIL/FUNCTION	FAIRB98F	Numeric	3

AIRBAG AVAILABILITY – DEPLOYMENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	NA - not a motor vehicle occupant

Deployed (for this seat)			
15	4.8	1	From the front
0	0.0	2	From the side
0	0.0	7	From other direction
0	0.0	8	From multiple directions

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	1.0	9	From unknown direction
Not Deployed (for this seat)			
8	2.6	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			
279	90.0	30	Not available (this seat)
0	0.0	31	Previously deployed/not replaced
0	0.0	32	Disabled/removed
2	0.6	99	Unknown if airbag available (for this seat)

Variable	Name	Format	Type	Length
v314	OCCUPANT EJECTION	FEJECT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
303	97.7	0	Not ejected - not applicable
3	1.0	1	Totally ejected
2	0.6	2	Partially ejected
2	0.6	9	Unknown

Variable	Name	Format	Type	Length
v315	EJECTION PATH	FEPATH	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
303	97.7	0	Not ejected: N/A
1	0.3	1	Side door opening
1	0.3	2	Side window
0	0.0	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 pickup truck)
5	1.6	9	Unknown/unknown path

Variable	Name	Format	Type	Length
v316	OCCUPANT EXTRICATION	FEXTR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
303	97.7	0	Not extricated - not applicable
3	1.0	1	Extricated
4	1.3	9	Unknown

Variable	Name	Format	Type	Length
v321	DRUG INVOLVEMENT	FDRUGS	Numeric	3

POLICE REPORTED OTHER DRUG INVOLVEMENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
95	30.6	0	No (other drugs not involved)
1	0.3	1	Yes (other drugs involved)
199	64.2	8	Not reported
15	4.8	9	Unknown (police reported as unknown)

Variable	Name	Format	Type	Length
v322	DRUG DETERMINATION	FDRUGDET	Numeric	3

METHOD OTHER DRUG DETERMINATION (POLICE)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
15	4.8	1	Evidential test (blood, urine)
0	0.0	2	Drug Recognition Technician (DRT) determined
3	1.0	3	Behavioral
23	7.4	7	Other
269	86.8	8	Not reported

Variable	Name	Format	Type	Length
v323	DRUG TEST TYPE #1	FDR_TEST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
211	68.1	0	Not tested for drugs
35	11.3	1	Blood test
16	5.2	2	Urine test
0	0.0	3	Blood and urine tests
2	0.6	7	Unknown test type
0	0.0	8	Other type test
46	14.8	9	Unknown if tested for drugs

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v324	DRUG TEST RESULTS #1	FDR93RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
211	68.1	0	Not tested for drugs
37	11.9	1	No drugs reported
1	0.3	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	
1	0.3	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	
3	1.0	996	Other drug
11	3.5	997	Tested for drugs, results unknown
0	0.0	998	Tested for drugs, drugs found, type unknown
46	14.8	999	Unknown if tested for drugs



Variable	Name	Format	Type	Length
v325	DRUG TEST TYPE #2	FDR_TEST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
268	86.5	0	Not tested for drugs
4	1.3	1	Blood test
0	0.0	2	Urine test
0	0.0	3	Blood and urine tests
1	0.3	7	Unknown test type
0	0.0	8	Other type test
37	11.9	9	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v326	DRUG TEST RESULTS #2	FDR93RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
268	86.5	0	Not tested for drugs
3	1.0	1	No drugs reported
1	0.3	996	Other drug
1	0.3	997	Tested for drugs, results unknown
0	0.0	998	Tested for drugs, drugs found, type unknown
37	11.9	999	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v327	DRUG TEST TYPE #3	FDR_TEST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
269	86.8	0	Not tested for drugs
3	1.0	1	Blood test
0	0.0	2	Urine test
0	0.0	3	Blood and urine tests
1	0.3	7	Unknown test type
0	0.0	8	Other type test
37	11.9	9	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v328	DRUG TEST RESULTS #3	FDR93RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
269	86.8	0	Not tested for drugs
3	1.0	1	No drugs reported
0	0.0	996	Other drug
1	0.3	997	Tested for drugs, results unknown

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	998	Tested for drugs, drugs found, type unknown
37	11.9	999	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v329	OCCUPANT INJURY SEVERITY	FINJURY	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
192	61.9	0	O - no injury
46	14.8	1	C - possible injury
32	10.3	2	B - nonincapacitating evident injury
22	7.1	3	A - incapacitating injury
12	3.9	4	K - fatal injury
2	0.6	5	Injured, severity unknown
0	0.0	6	Died prior to accident
4	1.3	9	Unknown

Variable	Name	Format	Type	Length
v330	OCC TAKEN TO HOSPITAL	FHOSPIT	Numeric	3

TAKEN TO HOSPITAL OR TREATMENT FACILITY

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
208	67.1	0	No
96	31.0	1	Yes
6	1.9	9	Unknown

Variable	Name	Format	Type	Length
v331	OCC DEATH DATE - MONTH		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	Not applicable
1	0.3	1	January
1	0.3	3	March
1	0.3	5	May
2	0.6	7	July
1	0.3	8	August
1	0.3	9	September
3	1.0	10	October
1	0.3	11	November
1	0.3	12	December
2	0.6	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v332	OCC DEATH DATE – DAY		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	Not applicable
1	0.3	1	
		-	Day of month
1	0.3	31	
2	0.6	99	Unknown

Variable	Name	Format	Type	Length
v333	OCC DEATH DATE – YEAR		Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	Not applicable
12	3.9	2005	2005
2	0.6	9999	Unknown

Variable	Name	Format	Type	Length
v334	OCC DEATH TIME - HOURS	FACHOUR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	12:01 am - 12:59 am or not applicable
2	0.6	2	2:00 am - 2:59 am
1	0.3	5	5:00 am - 5:59 am
3	1.0	7	7:00 am - 7:59 am
1	0.3	11	11:00 am - 11:59 am
1	0.3	13	1:00 pm - 1:59 pm
1	0.3	15	3:00 pm - 3:59 pm
1	0.3	23	11:00 pm - 11:59 pm
4	1.3	99	Unknown

Variable	Name	Format	Type	Length
v335	OCC DEATH TIME - MINUTES		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
297	95.8	0	
		-	Minute
1	0.3	55	
4	1.3	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v336	LAG TIME ACC/DEATH - HRS		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	1.6	0	-
			Actual time in hours
1	0.3	61	
300	96.8	999	

Variable	Name	Format	Type	Length
v342	OCC FATAL INJURY AT WORK	FWORKINJ	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	0	No
8	2.6	1	Yes
296	95.5	8	Not Applicable (not a fatality)
4	1.3	9	Unknown

Variable	Name	Format	Type	Length
v345	OCC ALCOHOL INVOLVEMENT	FDRINK	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
187	60.3	0	No (alcohol not involved)
2	0.6	1	Yes (alcohol involved)
100	32.3	8	Not reported
21	6.8	9	Unknown (police reported)

Variable	Name	Format	Type	Length
v346	OCC METH ALC DETERMINAT	FALC_D	Numeric	3

METHOD OF ALCOHOL DETERMINATION (POLICE)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
23	7.4	1	Evidential test (breath, blood, urine)
6	1.9	2	Preliminary Breath Test (PBT)
2	0.6	3	Behavioral
0	0.0	4	Passive Alcohol Sensor (PAS)
44	14.2	5	Observed
0	0.0	8	Other (e.g., saliva test)
235	75.8	9	Not reported

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
 FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v347	ALCOHOL TEST TYPE	FTESTTYP	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
184	59.4	0	Not tested for alcohol
62	20.0	1	Whole blood
7	2.3	2	Breathalyzer "BAC"
4	1.3	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
2	0.6	8	Other test type
2	0.6	9	Invalid
5	1.6	10	Preliminary Breath Test (PBT)
44	14.2	99	Unknown/not reported

Variable	Name	Format	Type	Length
v348	OCC ALCOHOL TEST RESULT	FT_RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
75	24.2	0	BAC result < 0.01%
0	0.0	94	.94 or greater
0	0.0	95	Test refused
184	59.4	96	None given
10	3.2	97	AC test performed, results unknown
0	0.0	98	PBT positive reading with no actual value
41	13.2	99	Unknown if tested

Variable	Name	Format	Type	Length
v361	RACE	FRACE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	Not a fatality (not applicable)
7	2.3	1	White
1	0.3	2	Black
0	0.0	3	American Indian (includes Aleuts and Eskimos)
			Asian or Pacific Islander
0	0.0	4	Chinese
0	0.0	5	Japanese
0	0.0	6	Hawaiian (includes part-Hawaiian)
0	0.0	7	Filipino
0	0.0	18	Asian Indian
0	0.0	19	Other Indian (incl S/Cen Amer, not Amer/Asian Indians)

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
FARS OCCUPANT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	28	Korean
0	0.0	38	Samoan
0	0.0	48	Vietnamese
0	0.0	58	Guamanian
0	0.0	68	Other Asian or Pacific Islander
0	0.0	78	Asian or Pacific Islander, no specific (individual) race
0	0.0	97	Multiple races (individuals races not specified; ex. "mixed")
0	0.0	98	All other races
6	1.9	99	Unknown

Variable	Name	Format	Type	Length
v362	HISPANIC ORIGIN	FHISPAN	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
296	95.5	0	Not a fatality (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	European Spanish
1	0.3	6	Hispanic, origin not specified or other origin
7	2.3	7	Non-Hispanic
6	1.9	99	Unknown

Variable	Name	Format	Type	Length
v363	OCC DEAD ON ARRIVAL	FDOA01F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
301	97.1	0	Not applicable (non-fatals/victims dying other than scene)
7	2.3	7	Died at scene
0	0.0	8	Died en route
2	0.6	9	Fatal, unknown location

### The SURVEY Variables

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

Variable	Name	Format	Type	Length
v1110	BUS MAKE	V1110_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	AM General
1	0.3	7	Dodge
40	12.9	12	Ford
8	2.6	20	Chevrolet
8	2.6	23	GMC
0	0.0	51	Volvo
15	4.8	82	Freightliner
67	21.6	84	International Harvester
20	6.5	90	Blue Bird
0	0.0	91	Eagle Coach
16	5.2	92	Gillig
38	12.3	93	MCI
12	3.9	94	Thomas Built
6	1.9	111	Fixible/Grumman Fixible
6	1.9	112	Neoplan
17	5.5	113	New Flyer
0	0.0	114	Ontario
6	1.9	115	TMC
8	2.6	116	Orion
7	2.3	117	Prevost
5	1.6	118	Van Hool
9	2.9	201	NABI
6	1.9	202	Nova
14	4.5	998	Other
1	0.3	999	Unknown

Variable	Name	Format	Type	Length
v1130	MODEL YEAR	V1130_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	1979	1979
0	0.0	1980	1980
1	0.3	1981	1981
0	0.0	1982	1982
1	0.3	1983	1983
0	0.0	1984	1984
1	0.3	1985	1985
0	0.0	1986	1986
3	1.0	1987	1987
5	1.6	1988	1988

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	1.6	1989	1989
6	1.9	1990	1990
6	1.9	1991	1991
6	1.9	1992	1992
7	2.3	1993	1993
11	3.5	1994	1994
16	5.2	1995	1995
16	5.2	1996	1996
18	5.8	1997	1997
18	5.8	1998	1998
24	7.7	1999	1999
37	11.9	2000	2000
34	11.0	2001	2001
33	10.6	2002	2002
22	7.1	2003	2003
20	6.5	2004	2004
17	5.5	2005	2005
1	0.3	2006	2006
1	0.3	9999	Unknown

Variable	Name	Format	Type	Length
v1140	FRONT OF BUS	V1140_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	0	Unknown
135	43.5	1	Conventional Hood
174	56.1	2	Flat Front
0	0.0	8	Other

Variable	Name	Format	Type	Length
v1170	BUS MODEL	\$CHAR10	Char	10

BUS MODEL NAME OR NUMBER

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	102A3	
		-	Model name or number
2	0.6	VII	
67	21.6	Unknown	Unknown



BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1180	BUS TYPE	V1180_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
10	3.2	1	Type A School Bus
4	1.3	2	Type B School Bus
76	24.5	3	Type C School Bus
37	11.9	4	Type D School Bus
80	25.8	5	Flat Front (like transit or shuttle)
5	1.6	6	Big Cowl & Chassis
57	18.4	7	High Platform
28	9.0	8	Small Cowl & Chassis
9	2.9	9	Van
3	1.0	98	Other
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v1190	DESCRIPTION OF BUS	\$CHAR50	Char	50

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
4	1.3	Articulated Heavy-Duty Transit Bus
1	0.3	Coach on Medium-Duty Truck-Based Chassis
2	0.6	Conventional Hood Bus
1	0.3	Conventional Hood Medium-Duty Shuttle Bus
1	0.3	Electric Shuttle Bus
69	22.3	Heavy-Duty Transit Bus
1	0.3	Inmate Security Bus
5	1.6	Large Passenger Van
1	0.3	Large Passenger Van with Cargo Trailer
1	0.3	Large Passenger Van with Raised Roof
1	0.3	Large Passenger Van with Raised Roof and Wheelchair Lift
1	0.3	Large Passenger Van with Wheelchair Lift
54	17.4	Long-Distance Coach
2	0.6	Long-Distance Commuter Coach
1	0.3	Long-Distance Commuter Coach with Wheelchair Lift
2	0.6	Medium-Duty Shuttle Bus
1	0.3	Retired School Bus
110	35.5	School Bus
4	1.3	Shuttle Bus
1	0.3	Small Paratransit Shuttle Bus
8	2.6	Small School Bus
12	3.9	Small Shuttle Bus
1	0.3	Small Shuttle Bus < 12
1	0.3	Small Shuttle Bus with Luxury Interior
10	3.2	Small Shuttle Bus with Wheelchair Lift
7	2.3	Special Needs School Bus

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
2	0.6	Special Needs Small School Bus
2	0.6	Special Needs Small Shuttle Bus
3	1.0	Stretch Limousine
1	0.3	Unknown

Variable	Name	Format	Type	Length
v1200	NUMBER OF AXLES	V1200_F	Numeric	4

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
249	80.3	2	2 axles
60	19.4	3	3 axles
1	0.3	9	Unknown

Variable	Name	Format	Type	Length
v1220	PASSENGER SEATING CAPACITY	V1220_F	Numeric	4

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	1.0	8	8 Seats
3	1.0	9	9 Seats
4	1.3	10	10 Seats
3	1.0	11	11 Seats
2	0.6	12	12 Seats
7	2.3	14	14 Seats
5	1.6	15	15 Seats
4	1.3	16	16 Seats
1	0.3	17	17 Seats
2	0.6	18	18 Seats
1	0.3	19	19 Seats
2	0.6	20	20 Seats
2	0.6	21	21 Seats
4	1.3	22	22 Seats
1	0.3	23	23 Seats
1	0.3	24	24 Seats
4	1.3	25	25 Seats
1	0.3	26	26 Seats
3	1.0	27	27 Seats
2	0.6	28	28 Seats
3	1.0	29	29 Seats
2	0.6	30	30 Seats
4	1.3	32	32 Seats
4	1.3	34	34 Seats
4	1.3	35	35 Seats
3	1.0	36	36 Seats
2	0.6	37	37 Seats

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
12	3.9	38	38 Seats
8	2.6	39	39 Seats
16	5.2	40	40 Seats
3	1.0	42	42 Seats
10	3.2	43	43 Seats
1	0.3	44	44 Seats
2	0.6	45	45 Seats
1	0.3	46	46 Seats
11	3.5	47	47 Seats
6	1.9	48	48 Seats
10	3.2	49	49 Seats
4	1.3	50	50 Seats
2	0.6	51	51 Seats
3	1.0	52	52 Seats
2	0.6	53	53 Seats
7	2.3	54	54 Seats
17	5.5	55	55 Seats
8	2.6	56	56 Seats
3	1.0	57	57 Seats
1	0.3	58	58 Seats
2	0.6	63	63 Seats
8	2.6	64	64 Seats
8	2.6	65	65 Seats
9	2.9	66	66 Seats
1	0.3	68	68 Seats
5	1.6	71	71 Seats
25	8.1	72	72 Seats
1	0.3	74	74 Seats
1	0.3	75	75 Seats
9	2.9	77	77 Seats
2	0.6	78	78 Seats
1	0.3	80	80 Seats
7	2.3	84	84 Seats
3	1.0	995	8-14 seats
20	6.5	996	15 or more seats
4	1.3	999	Unknown

Variable	Name	Format	Type	Length
v1310	DESCRIPTION OF OPERATING AUTHORITY	\$CHAR50	Char	50

OPERATING AUTHORITY

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
2	0.6	Airport Shuttle Service
1	0.3	Amusement Park Charter Shuttle Service

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
1	0.3	Athletic Team Transport for Public School District
2	0.6	Casino Shuttle Service
1	0.3	Casino Hotel Patron Courtesy Limo Service
1	0.3	Casino Shuttle & Charter Service
31	10.0	Charter Service
1	0.3	Church Chartered Bus Trip
1	0.3	Church Use for Senior Citizen Assistance Program
1	0.3	Commuter Service
1	0.3	Commuter Service Contracted to Federal Government
1	0.3	Contracted Carrier for Community Center
1	0.3	Contracted Carrier for Demand Response Transit
1	0.3	Contracted Carrier for Employee Shuttle
1	0.3	Contracted Carrier for Employee Transportation
1	0.3	Contracted Carrier for Paratransit Services
1	0.3	Contracted Carrier for Private School
38	12.3	Contracted Carrier for School District
1	0.3	Contracted Carrier for School Sporting Events
5	1.6	Contracted Carrier for Transit Authority
2	0.6	Contracted Carrier for Transit Authority Paratransit
1	0.3	County Department of Corrections
1	0.3	County Special Mobility Bus Service
1	0.3	County Transportation Services
1	0.3	Courtesy Shuttle for Casino
1	0.3	Demand Response Paratransit Regional Urban Area
2	0.6	Employee Transportation
1	0.3	Farm Labor Transportation
2	0.6	Federal Emergency Evacuation Charter Service
1	0.3	Hotel Guest Shuttle Service
1	0.3	Hurricane Evacuation Charter Shuttle Service
4	1.3	Intercity Passenger Service
1	0.3	International & Intercity Passenger Service
3	1.0	Interstate Passenger & Express Freight
4	1.3	Interstate Passenger Service
1	0.3	Limousine Service
1	0.3	Limousine Service for Family Gathering
1	0.3	Local Sightseeing & Shuttle Charter Service
1	0.3	Manufacturer Delivering New Bus to Dealer
1	0.3	Municipal Shuttle Service
1	0.3	National Armed Services Division
1	0.3	Non-Profit Migrant Worker Service Organization
1	0.3	Non-Profit Service Organization for the Disabled
1	0.3	Non-Profit Transportation Service for Disadvantaged
1	0.3	On-Demand Airport Shuttle Service
1	0.3	Paratransit Service
1	0.3	Preschool Program Transportation
1	0.3	Private School Transportation
79	25.5	Public School District
1	0.3	Public School District Field Trip

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
3	1.0	Public School State Department of Education
1	0.3	Rental Car Shuttle Service
1	0.3	Scheduled Commuter Service
1	0.3	Scheduled Route & Demand-Response Paratransit
1	0.3	Scheduled Route & Paratransit Regional Urban Area
1	0.3	Scheduled Route & Paratransit Urban Area
1	0.3	Scheduled Route Intercity
2	0.6	Scheduled Route Regional Area
4	1.3	Scheduled Route Regional Rural Area
60	19.4	Scheduled Route Regional Urban Area
12	3.9	Scheduled Route Urban Area
1	0.3	School Group Field Trip Charter Service
1	0.3	Sightseeing Tour Service
1	0.3	Special Needs Service Provider
1	0.3	State Agency Transporting Veterans Home Residents
1	0.3	State University Transporting Students to Event
1	0.3	Statewide Intercity Passenger Service
1	0.3	Transit Authority Demand-Response Paratransit
1	0.3	Transit Authority Providing Plant Employee Shuttle
1	0.3	Transportation of Non-Residents Seeking Employment
1	0.3	University Field Trip Charter Service
1	0.3	Unknown

Variable	Name	Format	Type	Length
v1350	BUS OPERATOR TYPE	V1350_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
85	27.4	1	School District
93	30.0	2	Urban Transit Authority
14	4.5	3	Scheduled Intercity
44	14.2	4	Charter Bus
2	0.6	5	Private Company (not pass transport)
4	1.3	6	Non-government Organization
7	2.3	7	Non-educational Unit of Government
0	0.0	8	Private individual for Personal Transportation
40	12.9	9	Contractor for School District
20	6.5	98	Other
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v1360	AREA OF OPERATION	V1360_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
114	36.8	1	Interstate

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
184	59.4	2	Intrastate
12	3.9	9	Unknown

Variable	Name	Format	Type	Length
v1370	OPERATING AUTHORITY	V1370_F	Numeric	4

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
14	4.5	1	Private
121	39.0	2	For Hire
174	56.1	3	Government owned
1	0.3	9	Unknown

Variable	Name	Format	Type	Length
v1380	TRIP TYPE	V1380_F	Numeric	4

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
245	79.0	1	Local
16	5.2	2	51 to 100 miles
7	2.3	3	101 to 150 miles
8	2.6	4	151 to 200 miles
13	4.2	5	201 to 500 miles
5	1.6	6	Over 500 miles
1	0.3	7	Unknown over-the-road trip distance
15	4.8	9	Unknown

Variable	Name	Format	Type	Length
v1510	HOURS OF DRIVING	6	Numeric	4

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<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
77	24.8	1	1 hour
52	16.8	2	2 hours
33	10.6	3	3 hours
25	8.1	4	4 hours
16	5.2	5	5 hours
20	6.5	6	6 hours
7	2.3	7	7 hours
1	0.3	8	8 hours
3	1.0	9	9 hours
1	0.3	15	15 hours
7	2.3	96	Unknown but legal
2	0.6	98	Unoccupied
66	21.3	99	Unknown

Variable	Name	Format	Type	Length
v1520	COMPENSATION-HOURLY	V1520_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
222	71.6	1	Yes
49	15.8	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1530	COMPENSATION-MILEAGE	V1530_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
14	4.5	1	Yes
257	82.9	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1540	COMPENSATION-TIPS	V1540_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.6	1	Yes
269	86.8	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1550	COMPENSATION-PERCENT REVENUE	V1550_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	1.0	1	Yes
268	86.5	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1560	COMPENSATION-SALARY	V1560_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
14	4.5	1	Yes
257	82.9	2	No
39	12.6	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1570	COMPENSATION-DRIVER OWNER	V1570_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	1	Yes
270	87.1	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1580	COMPENSATION-DRIVER VOLUNTEER	V1580_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	Yes
271	87.4	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1590	COMPENSATION-DRIVER PRIMARY EMP NOT BUS DRIVER	V1590_F	Numeric	4

DIRVER'S PRIMARY EMPLOYMENT IS NOT AS A BUS DRIVER

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
6	1.9	1	Yes
265	85.5	2	No
39	12.6	9	Unknown

Variable	Name	Format	Type	Length
v1600	COMPENSATION-OTHER	V1600_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
24	7.7	1	Yes
246	79.4	2	No
40	12.9	9	Unknown

Variable	Name	Format	Type	Length
v1610	DESCRIPTION OF COMPENSATION	\$CHAR50	Char	50

COMPENSATION METHOD

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
1	0.3	Base Pay Plus Mileage



<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
1	0.3	Church Volunteer
1	0.3	Company Secretary Transferring Bus to Driver
1	0.3	Driver is Also Coach for School District
1	0.3	Driver is Also Deputy for County Sheriff's Department
1	0.3	Driver is Also Member of National Armed Services
1	0.3	Driver is Also Preschool Program Staff Member
1	0.3	Driver is Student at University
1	0.3	Driver Leases Bus Used in Franchise Operation
1	0.3	Driver Owns Vehicle Used in Franchise Operation
1	0.3	Hourly Plus Per Passenger Piece Rate
1	0.3	Mechanic was Test Driving Bus
2	0.6	Mileage Plus Trip Bonus
1	0.3	No Driver – Unoccupied Bus Rolls Over Mechanic
4	1.3	Paid by Day
1	0.3	Paid by Number of Routes Per Day
2	0.6	Paid by Route
6	1.9	Paid by Trip
1	0.3	Paid by Trip for Activity Runs
1	0.3	Paid in Cash by Passengers
1	0.3	Salary Plus Incentives Based on Head Count
279	90.0	Unknown

Variable	Name	Format	Type	Length
v1710	ACCIDENT TYPE	V1710_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.3	0	No impact
0	0.0	1	Drive off road, right
		-	Diagram number (see appendix)
4	1.3	97	Untripped rollover
33	10.6	98	Other accident type
3	1.0	99	Unknown

Variable	Name	Format	Type	Length
v1720	PEDESTRIAN FATALITY	V1720_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	Not applicable
9	2.9	1	Discharged passenger
8	2.6	2	Intended passenger
73	23.5	3	Not related to bus
209	67.4	97	No non-motorist involvement
7	2.3	98	Other
4	1.3	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1830	INTERVIEW CONDUCTED	V1830_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
273	88.1	1	Yes
37	11.9	2	No
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v1840	POLICE REPORT	V1840_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
309	99.7	1	Yes
1	0.3	2	No
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v1850	FAX/MAIL	V1850_F	Numeric	4

INFORMATION RECEIVED BY FAX OR MAIL

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
42	13.5	1	Yes
268	86.5	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	Name	Format	Type	Length
v1861	1ST QUESTION DERIVED	V1861_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1862	2ND QUESTION DERIVED	V1862_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
 SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1863	3RD QUESTION DERIVED	V1863_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1864	4TH QUESTION DERIVED	V1864_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1865	5TH QUESTION DERIVED	V1865_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1866	6TH QUESTION DERIVED	V1866_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1867	7TH QUESTION DERIVED	V1867_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1868	8TH QUESTION DERIVED	V1868_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

BUSES INVOLVED IN FATAL ACCIDENTS, 2005  
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1869	9TH QUESTION DERIVED	V1869_F	Numeric	4

---

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

Variable	Name	Format	Type	Length
v1870	10TH QUESTION DERIVED	V1870_F	Numeric	4

---

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
310	100.0	0	None

**SURVEY Variables for Vehicles Not In-Transport**

Variable	Name	Format	Type	Length
v1140	FRONT OF BUS	V1140_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	33.3	1	Conventional Hood
6	66.7	2	Flat Front

Variable	Name	Format	Type	Length
v1180	BUS TYPE	V1180_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	22.2	3	Type C School Bus
4	44.5	5	Flat Front (like transit or shuttle)
1	11.1	6	Big Cowl & Chassis
2	22.2	7	High Platform

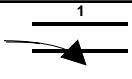
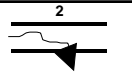
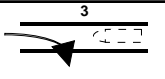








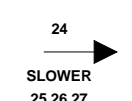



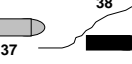

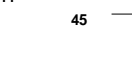


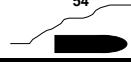





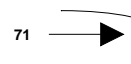


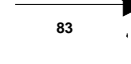

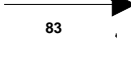

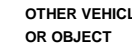


## APPENDIX





### ACCIDENT TYPES (INCLUDES INTENT)

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



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

Accident Date \_\_\_\_\_ / \_\_\_\_\_ / **2005**  
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.*

5. Bus Model Year: 

_	_	_	_
12	13	14	15

**VEHICLE DESCRIPTION**

4. Bus Make:
- |                         |     |     |
|-------------------------|-----|-----|
| AM General              | [ ] | 001 |
| Dodge                   | [ ] | 007 |
| Ford                    | [ ] | 012 |
| Chevrolet               | [ ] | 020 |
| GMC                     | [ ] | 023 |
| Freightliner            | [ ] | 082 |
| 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 |
| NABI                    | [ ] | 201 |
| Nova                    | [ ] | 202 |
| Other _____             | [ ] | 998 |
- (Specify)*

6. Front of Bus:

Conventional hood	[ ] 1
Flat Front	[ ] 2
Other _____	[ ] 8
<i>(Specify)</i>	16

7. Bus Model \_\_\_\_\_ (editor)  
17 18 19 20 21 22 23 24 25 26

8. Bus Type:

Type A School Bus	[ ] 01
Type B School Bus	[ ] 02
Type C School Bus	[ ] 03
Type D School Bus	[ ] 04
Flat Front (like transit or shuttle bus)	[ ] 05
Big Cowl and Chassis	[ ] 06
High Platform	[ ] 07
Small Cowl and Chassis	[ ] 08
Van	[ ] 09
Other _____	[ ] 98
<i>(Specify)</i>	27-28

9. Describe the Bus:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (editor)

10. No. of Axles:

<hr style="width: 50px; margin: 0 auto;"/> 79
--

11. Passenger Seating Capacity:

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

<hr style="width: 100%; margin: 0;"/> 80    81    82
---

**VEHICLE USE**

12. Describe Bus Operating Authority:

<hr style="border-top: 1px dashed black;"/> <hr style="border-top: 1px dashed black;"/> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>83-132</span> <span>(editor)</span> </div>
--

13. 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
- Contractor for School District
- Other \_\_\_\_\_

*(Specify)*

[ ] 01
[ ] 02
[ ] 03
[ ] 04
[ ] 05
[ ] 06
[ ] 07
[ ] 08
[ ] 09
[ ] 98
133-134

15. Operator : Private

- Carry passengers for hire
- Govt. owned

[ ] 1
[ ] 2
[ ] 3
136

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

- Yes
- No

[ ] 1
[ ] 2
135

16. Intended One-Way Trip Distance

- Local *(within a 50 mile radius of base)* [ ] 1
- Over-the-Road
- 51 to 100 miles [ ] 2
- 101 to 150 miles [ ] 3
- 151 to 200 miles [ ] 4
- 201 to 500 miles [ ] 5
- Greater than 500 miles [ ] 6
- Unknown over-the-road trip distance [ ] 7

137

**DRIVER DESCRIPTION**

17. How many hours had the driver been driving since the last 10-hour break?

_____	_____	Hrs.
138	139	

18. 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	140
Mileage	[ ] 1	[ ] 2	141
Tips	[ ] 1	[ ] 2	142
Percentage of revenue	[ ] 1	[ ] 2	143
Salary	[ ] 1	[ ] 2	144
Driver is owner	[ ] 1	[ ] 2	145
Driver is volunteer	[ ] 1	[ ] 2	146
Driver's primary employment is not as bus driver	[ ] 1	[ ] 2	147
Other _____ <i>(Specify)</i>	[ ] 1	[ ] 2	148

19. Describe compensation method:

149-198

(editor)

REMAINDER TO BE COMPLETED BY EDITOR.

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

199 200

[Large empty box for collision avoidance scenario illustration]

21. Interview?

Yes  
No

[ ] 1  
[ ] 2  
201

22. Police report?

Yes  
No

[ ] 1  
[ ] 2  
202

23. FAX/Mail?

Yes  
No

[ ] 1  
[ ] 2  
203

DERIVED INFORMATION (Insert question numbers.)

204 205 206 207 208 209 210 211 212 213  
214 215 216 217 218 219 220 221 222 223

NON-MOTORIST FATALITY

24. Relationship of non-motorist to bus:

- Discharged passenger [ ] 01
- Intended passenger [ ] 02
- Not related to bus [ ] 03
- No non-motorist involvement [ ] 97
- Other \_\_\_\_\_ [ ] 98  
*(Specify)*
- Unknown [ ] 99

224-225

25. PAR Number

226 227 228 229 230 231 232 233 234 235 236 237

26. ICC Number

238 239 240 241 242 243

27. DOT Number

244 245 246 247 248 249 250

28. State PSC Number

251 252 253 254 255 256 257 258 259 260

29. State issuing

261 262