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BUSES INVOLVED IN FATAL ACCIDENTS CODEBOOK 2008

LINDA JAROSSI
DANIEL HERSHBERGER
JOHN WOODROOFFE

CENTER FOR NATIONAL TRUCK AND BUS STATISTICS

UMTRI
UNIVERSITY OF MICHIGAN
TRANSPORTATION RESEARCH INSTITUTE

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Linda Jarossi

Daniel Hershberger

John Woodrooffe

Center for National Truck and Bus Statistics

University of Michigan Transportation Research Institute

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16. Abstract

This report provides documentation for UMTRI's file of Buses Involved in Fatal Accidents (BIFA), 2008, including distributions of the code values for each variable in the file. The 2008 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 December 3, 2010 version of the Buses Involved in Fatal Accidents, 2008, 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 2008. 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 13Sept10, of the Fatality Analysis Reporting System (FARS) file for 2008 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

The 2008 BIFA database combines CNTBS survey data with FARS variables to provide complete national coverage and an enhanced description of all buses involved in fatal traffic accidents in the United States (293 cases in 2008). 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 2008 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 1865) 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 six of the 293 cases. Trip type (variable 1380) is unknown for 17 (5.8%) cases. Hours driving (variable 1510) could not be determined with certainty for 58 (19.8%) 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. Police reports were available for all but twelve 2008 cases.

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," variable 1840, police report, is coded "yes," and variable 1850, fax/mail, is coded “no.”

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 1865. 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 "13" in variable 1862 indicates that the second item corrected or derived for that particular case was the response to question 13 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 293 vehicles that are identified as a bus in one or more variables in the 2008 FARS file (version 13Sept10). Eight of these vehicles were subsequently found to be non-passenger carrying vehicles, thus something other than a bus. These included motor home conversions, cargo-carrying vehicles, and small mini vans.

In addition, eight cases, originally thought to be trucks in the FARS file, were found to be buses. 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 the eight vehicles originally thought to be trucks to the 293 bus cases identified in FARS yields 301 vehicles. Subtracting the eight vehicles incorrectly identified in FARS as buses results in 293 vehicles, which is the number of buses involved in fatal traffic accidents in 2008.

Format of Codebook

The main body of the codebook provides frequency distributions of all variables and code levels in the BIFA 2008 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 (six 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, 2008
FARS ACCIDENT VARIABLES

Variable Number	Variable Name	Page Number
v1	CASE STATE	1
v2	CASE NUMBER	2
v7	CITY	2
v8	COUNTY	3
v9	ACCIDENT DATE - MONTH	3
v10	ACCIDENT DATE - DAY	4
v11	ACCIDENT DATE - YEAR	4
v12	ACCIDENT TIME - HOUR	4
v13	ACCIDENT TIME - MINUTE	5
v14	NUMBER OF VEHICLE FORMS	5
v14B	ALL VEHICLE FORMS SUBMITTED	5
v15	NUMBER OF PERSON FORMS	6
v16	LAND USE	7
v17	NATIONAL HIGHWAY SYSTEM	7
v18	ROADWAY FUNCTION CLASS	7
v19	ROUTE SIGNING	8
v20	TRAFFICWAY IDENTIFIER #1	8
v20_2	TRAFFICWAY IDENTIFIER #2	9
v21	MILEPOINT	9
v22	SPECIAL JURISDICTION	9
v23	FIRST HARMFUL EVENT	9
v24	MANNER OF COLLISION	13
v25	RELATION TO JUNCTION	13
v26	RELATION TO ROADWAY	14
v27	TRAFFICWAY FLOW	14
v28	NUMBER OF TRAVEL LANES	15
v29	SPEED LIMIT	15
v30	ROADWAY ALIGNMENT	16
v31	ROADWAY PROFILE	16
v32	ROADWAY SURFACE TYPE	16
v33	ROADWY SURFACE CONDITION	17
v34	TRAFFIC CONTROL DEVICE	17
v35	TRAFFIC CONT FUNCTIONING	19
v36	HIT AND RUN	19
v37	LIGHT CONDITION	19
v38	ATMOSPHERIC CONDITIONS	20
v39	CONSTRUCTION/MAINT ZONE	20
v40	EMS NOTIFIED - HOUR	21
v41	EMS NOTIFIED - MINUTE	21
v42	EMS ARRIVAL - HOUR	21
v43	EMS ARRIVAL - MINUTE	21
v46	SCHOOL BUS RELATED	22
v48	RAIL GRADE CROSSING ID	22
v49	NUMBER FATALITIES IN ACC	22
v50	DAY OF WEEK	23
v51	NUMBER DRINKING DRIVERS	23
v52	ACCIDENT DATE - JULIAN	23
v53	NUMBER UNINJURED IN ACC	23
v54	NUMBER C-INJURED IN ACC	24
v55	NUMBER B-INJURED IN ACC	24
v56	NUMBER A-INJURED IN ACC	25
v57	NUMBER K-INJURED IN ACC	26

Variable Number	Variable Name	Page Number
v58	NUM UNK INJURED IN ACC	26
v59	ACC RELATED FACTORS #1	26
v60	ACC RELATED FACTORS #2	27
v61	ACC RELATED FACTORS #3	27
v62	ATMOSPHERIC CONDITIONS #1	28
v63	ATMOSPHERIC CONDITIONS #2	28
v71	LATITUDE	28
v72	LONGITUDE	29

BUSES INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Page Number
v104	VEHICLE NUMBER	31
v105	UNIT TYPE	31
v107	NUMBER OF OCCUPANTS	31
v108	VEHICLE MAKE	32
v109	VEHICLE MAKE-MODEL	33
v110	BODY TYPE	34
v111	MODEL YEAR	34
v112	VIN	35
v123	REGISTRATION STATE	35
v124	REGISTERED VEHICLE OWNER	37
v125	ROLLOVER	38
v126	JACKKNIFE	38
v127	TRAVEL SPEED	38
v129	VEHICLE TRAILERING	38
v130	VEHICLE CONFIGURATION	39
v132	CARGO BODY TYPE	39
v133	SPECIAL USE	40
v134	EMERGENCY USE	40
v135	IMPACT POINT - INITIAL	40
v136	IMPACT POINT - PRINCIPAL	41
v137	EXTENT OF DEFORMATION	42
v138	VEHICLE ROLE	42
v139	MANNER OF LEAVING SCENE	42
v140	FIRE OCCURRENCE	42
v142	VEHICLE MANEUVER	43
v143	CRASH AVOIDANCE MANUEVER	43
v144	MOST HARMFUL EVENT	44
v145	NUMBER OF DEATHS IN VEH	47
v151	VIN TRUCK FUEL CODE	47
v152	VIN TRUCK WEIGHT CODE	48
v153	VIN TRUCK SERIES	48
v155	LENGTH OF VIN	48
v156	NUMBER UNINJURED IN VEH	48
v157	NUMBER C-INJURED IN VEH	49
v158	NUMBER B-INJURED IN VEH	49
v159	NUMBER A-INJURED IN VEH	50
v160	NUMBER K-INJURED IN VEH	50
v161	NUM UNK INJURED IN VEH	51
v162	VEH RELATED FACTORS #1	51
v163	VEH RELATED FACTORS #2	52
v164	UNDERRIDE/OVERRIDE	52
v170	MOTOR CARRIER ID	53
v171	BUS USE	53
v172	GROSS WEIGHT RATING-GVWR	54
v173	EVENT #1	54
v174	EVENT #2	56
v175	EVENT #3	57
v176	EVENT #4	57
v177	EVENT #5	58
v178	EVENT #6	58
v179	HAZARDOUS MATERIAL CLASS NUMBER	58
v180	HAZARDOUS MATERIAL ID NUMBER	59

Variable Number	Variable Name	Page Number
v181	HAZARDOUS MATERIAL INVOLVEMENT	59
v182	HAZARDOUS MATERIAL PLACARD	59
v183	HAZARDOUS MATERIAL RELEASED	59
v184	MCID ISSUING AUTHORITY	59
v185	MCID IDENTIFICATION NUMBER	60

BUSES INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

Variable Number	Variable Name	Page Number
v207	DRIVER PRESENCE	61
v208	DRIVER DRINKING	61
v209	LICENSE STATE	61
v210A	NON-CDL LICENSE TYPE	63
v210B	NON-CDL LICENSE STATUS	63
v211	LICENSE CLASS COMPLIANCE	63
v212	CDL LICENSE STATUS	64
v213	LICENSE ENDORSEMENTS	64
v214	LICENSE RESTRICTIONS MET	65
v216	NUMBER OF PREV ACCIDENTS	65
v217	NUMBER PREV SUSPENSIONS	65
v218	NUMBER OF PREV DWI CONV	66
v219	NUM PREV SPEEDING CONV	66
v220	NUM PREV OTHER MV CONV	66
v221	LAST ACCIDENT - MONTH	66
v222	LAST ACCIDENT - YEAR	67
v223	FIRST ACCIDENT - MONTH	67
v224	FIRST ACCIDENT - YEAR	68
v227	DRIVER RELATED FACTORS #1	68
v228	DRIVER RELATED FACTORS #2	71
v229	DRIVER RELATED FACTORS #3	72
v230	DRIVER RELATED FACTORS #4	73
v231	VIOLATIONS CHARGED #1	73
v232	VIOLATIONS CHARGED #2	76
v233	VIOLATIONS CHARGED #3	76
v235	DRIVER HEIGHT (INCHES)	76
v236	DRIVER WEIGHT	77

BUSES INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Variable Number	Variable Name	Page Number
v306	OCCUPANT NUMBER	79
v308	OCCUPANT AGE	79
v309	OCCUPANT SEX	80
v310	OCCUPANT TYPE	81
v311	OCC SEATING POSITION	81
v312	RESTRAINT SYSTEM USE	81
v313	AIR BAG AVAIL/FUNCTION	81
v314	OCCUPANT EJECTION	82
v315	EJECTION PATH	82
v316	OCCUPANT EXTRICATION	83
v321	DRUG INVOLVEMENT	83
v322	DRUG DETERMINATION	83
v323	DRUG TEST TYPE #1	83
v324	DRUG TEST RESULTS #1	84
v325	DRUG TEST TYPE #2	85
v326	DRUG TEST RESULTS #2	85
v327	DRUG TEST TYPE #3	86
v328	DRUG TEST RESULTS #3	86
v329	OCCUPANT INJURY SEVERITY	86
v330	OCC TAKEN TO HOSPITAL	87
v331	OCC DEATH DATE - MONTH	87
v332	OCC DEATH DATE - DAY	87
v333	OCC DEATH DATE - YEAR	88
v334	OCC DEATH TIME - HOURS	88
v335	OCC DEATH TIME - MINUTES	88
v336	LAG TIME ACC/DEATH - HRS	89
v342	OCC FATAL INJURY AT WORK	89
v345	OCC ALCOHOL INVOLVEMENT	89
v346	OCC METH ALC DETERMINAT	89
v347	ALCOHOL TEST TYPE	90
v348	OCC ALCOHOL TEST RESULT	90
v361	RACE	91
v362	HISPANIC ORIGIN	91
v363	OCC DEAD ON ARRIVAL	92

BUSES INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Variable Number	Variable Name	Page Number
v1110	BUS MAKE	93
v1130	MODEL YEAR	93
v1140	FRONT OF BUS	94
v1170	BUS MODEL	94
v1180	BUS TYPE	95
v1190	DESCRIPTION OF BUS	95
v1200	NUMBER OF AXLES	96
v1220	PASSENGER SEATING CAPACITY	96
v1310	DESCRIPTION OF OPERATING AUTHORITY	98
v1350	BUS OPERATOR TYPE	99
v1360	AREA OF OPERATION	100
v1370	OPERATING AUTHORITY	100
v1380	TRIP TYPE	100
v1510	HOURS OF DRIVING	101
v1520	COMPENSATION-HOURLY	101
v1530	COMPENSATION-MILEAGE	101
v1540	COMPENSATION-TIPS	102
v1550	COMPENSATION-PERCENT REVENUE	102
v1560	COMPENSATION-SALARY	102
v1570	COMPENSATION-DRIVER OWNER	102
v1580	COMPENSATION-DRIVER VOLUNTEER	103
v1590	COMPENSATION-DRIVER PRIMARY EMP NOT BUS DRIVER	103
v1600	COMPENSATION-OTHER	103
v1610	DESCRIPTION OF COMPENSATION	103
v1710	ACCIDENT TYPE	104
v1720	PEDESTRIAN FATALITY	104
v1830	INTERVIEW CONDUCTED	105
v1840	POLICE REPORT	105
v1850	FAX/MAIL	105
v1861	1ST QUESTION DERIVED	105
v1862	2ND QUESTION DERIVED	106
v1863	3RD QUESTION DERIVED	106
v1864	4TH QUESTION DERIVED	106
v1865	5TH QUESTION DERIVED	106

BUSES INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES – VEHICLES NOT IN-TRANSPORT

Variable Number	Variable Name	Page Number
v1140	FRONT OF BUS	107
v1180	BUS TYPE	107

The ACCIDENT Variables

Variables 1 through 72 are the FARS variables that describe the accident.

Variable	Name	Format	Type	Length
v1	CASE STATE	FSTATES	Numeric	3

N	Prcnt	Code	Label
5	1.7	1	Alabama
0	0.0	2	Alaska
11	3.8	4	Arizona
2	0.7	5	Arkansas
33	11.3	6	California
2	0.7	8	Colorado
3	1.0	9	Connecticut
2	0.7	10	Delaware
2	0.7	11	District of Columbia
32	10.9	12	Florida
12	4.1	13	Georgia
0	0.0	15	Hawaii
0	0.0	16	Idaho
12	4.1	17	Illinois
4	1.4	18	Indiana
3	1.0	19	Iowa
2	0.7	20	Kansas
6	2.0	21	Kentucky
4	1.4	22	Louisiana
0	0.0	23	Maine
5	1.7	24	Maryland
3	1.0	25	Massachusetts
12	4.1	26	Michigan
3	1.0	27	Minnesota
4	1.4	28	Mississippi
4	1.4	29	Missouri
1	0.3	30	Montana
0	0.0	31	Nebraska
2	0.7	32	Nevada
1	0.3	33	New Hampshire
7	2.4	34	New Jersey
1	0.3	35	New Mexico

N	Prcnt	Code	Label
17	5.8	36	New York
12	4.1	37	North Carolina
0	0.0	38	North Dakota
12	4.1	39	Ohio
4	1.4	40	Oklahoma
3	1.0	41	Oregon
13	4.4	42	Pennsylvania
0	0.0	44	Rhode Island
4	1.4	45	South Carolina
2	0.7	46	South Dakota
5	1.7	47	Tennessee
23	7.8	48	Texas
2	0.7	49	Utah
0	0.0	50	Vermont
7	2.4	51	Virginia
7	2.4	53	Washington
2	0.7	54	West Virginia
1	0.3	55	Wisconsin
1	0.3	56	Wyoming

Variable	Name	Format	Type	Length
v2	CASE NUMBER	4	Numeric	8

N	Prcnt	Code	Label
1	0.3	5	
		-	Case number
1	0.3	3162	

Variable	Name	Format	Type	Length
v7	CITY		Numeric	4

CITY – GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Label
135	46.1	0	Not applicable

N	Prcnt	Code	Label
2	0.7	10	
		-	GSA code
1	0.3	7660	
2	0.7	9997	Other

Variable	Name	Format	Type	Length
v8	COUNTY		Numeric	3

COUNTY – GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Label
5	1.7	1	
		-	GSA code
1	0.3	710	

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

N	Prcnt	Code	Label
34	11.6	1	January
25	8.5	2	February
27	9.2	3	March
28	9.6	4	April
30	10.2	5	May
12	4.1	6	June
16	5.5	7	July
23	7.8	8	August
28	9.6	9	September
27	9.2	10	October
18	6.1	11	November
25	8.5	12	December

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

N	Prcnt	Code	Label
10	3.4	1	
		-	Day of month
2	0.7	31	

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

N	Prcnt	Code	Label
293	100.0	2008	2008

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

N	Prcnt	Code	Label
3	1.0	0	12:01 am - 12:59 am
6	2.0	1	1:00 am - 1:59 am
1	0.3	2	2:00 am - 2:59 am
2	0.7	3	3:00 am - 3:59 am
3	1.0	4	4:00 am - 4:59 am
7	2.4	5	5:00 am - 5:59 am
11	3.8	6	6:00 am - 6:59 am
24	8.2	7	7:00 am - 7:59 am
30	10.2	8	8:00 am - 8:59 am
10	3.4	9	9:00 am - 9:59 am
11	3.8	10	10:00 am - 10:59 am
5	1.7	11	11:00 am - 11:59 am
17	5.8	12	12:00 pm - 12:59 pm
14	4.8	13	1:00 pm - 1:59 pm
21	7.2	14	2:00 pm - 2:59 pm
36	12.3	15	3:00 pm - 3:59 pm
24	8.2	16	4:00 pm - 4:59 pm
10	3.4	17	5:00 pm - 5:59 pm
13	4.4	18	6:00 pm - 6:59 pm
13	4.4	19	7:00 pm - 7:59 pm

N	Prcnt	Code	Label
16	5.5	20	8:00 pm - 8:59 pm
3	1.0	21	9:00 pm - 9:59 pm
6	2.0	22	10:00 pm - 10:59 pm
6	2.0	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

N	Prcnt	Code	Label
18	6.1	0	
		-	Minute
4	1.4	59	
3	1.0	99	Unknown

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

NUMBER OF MOTOR VEHICLES IN-TRANSPORT INVOLVED IN THE ACCIDENT

N	Prcnt	Code	Label
109	37.2	1	1 vehicle
140	47.8	2	2 vehicles
31	10.6	3	3 vehicles
10	3.4	4	4 vehicles
1	0.3	5	5 vehicles
1	0.3	7	7 vehicles
1	0.3	8	8 vehicles

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

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

N	Prcnt	Code	Label
108	36.9	1	1 vehicle

N	Prcnt	Code	Label
139	47.4	2	2 vehicles
31	10.6	3	3 vehicles
12	4.1	4	4 vehicles
1	0.3	5	5 vehicles
1	0.3	7	7 vehicles
1	0.3	8	8 vehicles

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

NUMBER OF PERSONS INVOLVED IN THE ACCIDENT

Does not include uninjured bus or railway train occupants.

N	Prcnt	Code	Label
3	1.0	1	1 person
128	43.7	2	2 persons
37	12.6	3	3 persons
34	11.6	4	4 persons
22	7.5	5	5 persons
11	3.8	6	6 persons
7	2.4	7	7 persons
9	3.1	8	8 persons
5	1.7	9	9 persons
2	0.7	10	10 persons
6	2.0	11	11 persons
6	2.0	12	12 persons
1	0.3	13	13 persons
5	1.7	14	14 persons
4	1.4	15	15 persons
2	0.7	16	16 persons
1	0.3	17	17 persons
2	0.7	22	22 persons
1	0.3	24	24 persons
1	0.3	26	26 persons
1	0.3	32	32 persons
1	0.3	41	41 persons
1	0.3	49	49 persons
1	0.3	52	52 persons

N	Prcnt	Code	Label
1	0.3	53	53 persons
1	0.3	56	56 persons

Variable	Name	Format	Type	Length
v16	LAND USE	V16_F	Numeric	3

LAND USE – FHWA CLASSIFICATION

Recode of Roadway Function Class (v18).

N	Prcnt	Code	Label
163	55.6	1	Urban area
128	43.7	2	Rural area
2	0.7	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.

N	Prcnt	Code	Label
212	72.4	0	This section is not on the National Highway System
80	27.3	1	This section is on the National Highway System
1	0.3	9	Unknown if this section is on the National Highway System

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

N	Prcnt	Code	Label
			Rural
11	3.8	1	Principal arterial - interstate
35	11.9	2	Principal arterial - other
30	10.2	3	Minor arterial
25	8.5	4	Major collector
2	0.7	5	Minor collector
24	8.2	6	Local road or street

N	Prcnt	Code	Label
1	0.3	9	Unknown rural
			Urban
14	4.8	11	Principal arterial - interstate
9	3.1	12	Principal arterial - other freeways or expressways
62	21.2	13	Other principal arterial
33	11.3	14	Minor arterial
14	4.8	15	Collector
31	10.6	16	Local road or street
0	0.0	19	Unknown urban
2	0.7	99	Unknown

Variable	Name	Format	Type	Length
v19	ROUTE SIGNING	FRTSIGN	Numeric	3

N	Prcnt	Code	Label
24	8.2	1	Interstate
52	17.7	2	U.S. highway
78	26.6	3	State highway
37	12.6	4	County road
			Local Street
10	3.4	5	Township
83	28.3	6	Municipality
2	0.7	7	Frontage road
7	2.4	8	Other

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

N	Prcnt	Code	Label
1	0.3	10	
		-	Roadway identifier
1	0.3	US-90	

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

N	Prcnt	Code	Label
2	0.7	0	
		-	Roadway identifier
1	0.3	SR-80E	

Variable	Name	Format	Type	Length
v21	MILEPOINT		Numeric	4

N	Prcnt	Code	Label
98	33.4	0	None
2	0.7	1	
		-	Actual to nearest .1 mile
1	0.3	17505	
49	16.7	99999	Unknown

Variable	Name	Format	Type	Length
v22	SPECIAL JURISDICTION	FSPECJUR	Numeric	3

N	Prcnt	Code	Label
288	98.3	0	No special jurisdiction
1	0.3	1	National Park Service
2	0.7	2	Military
1	0.3	3	Indian reservation
0	0.0	4	College/university campus
0	0.0	5	Other federal properties
0	0.0	8	Other
1	0.3	9	Unknown

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

FIRST EVENT CAUSING INJURY/PROPERTY DAMAGE

N	Prcnt	Code	Label
11	3.8	1	Overturn/rollover

N	Prcnt	Code	Label
0	0.0	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
4	1.4	5	Fell/jumped from vehicle
2	0.7	6	Injured in vehicle (other than cargo/equipment loss/shift)
2	0.7	7	Other non-collision
75	25.6	8	Pedestrian
15	5.1	9	Pedal cycle
0	0.0	10	Railway train
0	0.0	11	Live animal
166	56.7	12	Motor vehicle in-transport on same roadway
2	0.7	13	Motor vehicle in-transport on different roadway
0	0.0	14	Parked motor vehicle or motor vehicle stopped off roadway
1	0.3	15	Non-motorist on personal conveyance
0	0.0	16	Thrown or falling object
0	0.0	17	Boulder
0	0.0	18	Other object (not fixed)
0	0.0	19	Building
2	0.7	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	0.7	24	Guardrail face
0	0.0	25	Concrete traffic barrier
0	0.0	26	Other traffic barrier
2	0.7	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
3	1.0	33	Curb
0	0.0	34	Ditch
0	0.0	35	Embankment - earth
0	0.0	36	Embankment - rock, stone or concrete
1	0.3	37	Embankment - material type unknown
0	0.0	38	Fence
0	0.0	39	Wall
0	0.0	40	Fire hydrant

N	Prcnt	Code	Label
0	0.0	41	Shrubbery
1	0.3	42	Tree (standing tree only)
1	0.3	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
1	0.3	45	Working motor vehicle (construction, maintenance or utility vehicle only)
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
1	0.3	51	Jackknife (causing injury or damage)
0	0.0	52	Guardrail end
0	0.0	53	Mail box
0	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable barrier
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 non-collision
16 = Thrown or falling object
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 on same roadway

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 motor vehicle stopped off roadway
45 = Working motor vehicle (construction, maintenance or utility vehicle only)
55 = Motor vehicle in motion outside the trafficway

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 supports
32 = Culvert
33 = Curb
34 = Ditch
35 = Embankment – earth
36 = Embankment – rock, stone or concrete
37 = Embankment – material type unknown
38 = Fence
39 = Wall
40 = Fire hydrant
41 = Shrubbery
42 = Tree (standing tree only)

43 = Other fixed object
46 = Traffic signal support/signal
48 = Snow bank
50 = Bridge overhead structure
52 = Guardrail end
53 = Mail box
57 = Cable barrier

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

N	Prcnt	Code	Label
124	42.3	0	Not a collision with a motor vehicle
28	9.6	1	Front-to-rear (includes rear-end)
40	13.7	2	Front-to-front (includes head-on)
3	1.0	3	Angle - front-to-side, same direction
18	6.1	4	Angle - front-to-side, opposite direction
62	21.2	5	Angle - front-to-side, right angle (including broadside)
2	0.7	6	Angle - front-to-side/angle - direction not specified
4	1.4	7	Sideswipe - same direction
10	3.4	8	Sideswipe - opposite direction
0	0.0	9	Rear-to-side
0	0.0	10	Rear-to-rear
2	0.7	11	Other (end-swipes and others)

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

N	Prcnt	Code	Label
			Noninterchange
150	51.2	1	Non-junction
104	35.5	2	Intersection
21	7.2	3	Intersection related
3	1.0	4	Driveway, alley access, etc.
2	0.7	5	Entrance/exit ramp related
0	0.0	6	Rail grade crossing
0	0.0	7	Crossover-related
5	1.7	8	Driveway access related

N	Prcnt	Code	Label
0	0.0	9	Unknown
			Interchange area
1	0.3	10	Intersection
2	0.7	11	Intersection related
0	0.0	12	Driveway access
2	0.7	13	Entrance/exit ramp related
0	0.0	14	Crossover-related
2	0.7	15	Other location in interchange
0	0.0	19	Unknown interchange area
1	0.3	99	Unknown

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

N	Prcnt	Code	Label
271	92.5	1	On roadway
5	1.7	2	Shoulder
4	1.4	3	Median
6	2.0	4	Roadside
3	1.0	5	Outside trafficway/outside right-of-way
2	0.7	6	Off roadway - location unknown
0	0.0	7	In parking lane/zone
1	0.3	8	Gore
1	0.3	10	Separator
0	0.0	11	Two-way continuous left-turn lane

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.

N	Prcnt	Code	Label
174	59.4	1	Not physically divided (two-way trafficway)
67	22.9	2	Divided highway, median strip (without traffic barrier)
23	7.8	3	Divided highway, median strip (with traffic barrier)

N	Prcnt	Code	Label
11	3.8	4	One-way trafficway
13	4.4	5	Not physically divided (with two-way continuous left-turn lane)
3	1.0	6	Entrance/exit ramp
2	0.7	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.

N	Prcnt	Code	Label
4	1.4	1	1 lane
193	65.9	2	2 lanes
27	9.2	3	3 lanes
44	15.0	4	4 lanes
9	3.1	5	5 lanes
7	2.4	6	6 lanes
9	3.1	9	Unknown

Variable	Name	Format	Type	Length
v29	SPEED LIMIT	FSPLMT	Numeric	3

N	Prcnt	Code	Label
1	0.3	0	No statutory limit
0	0.0	5	5 mph
0	0.0	10	10 mph
1	0.3	15	15 mph
3	1.0	20	20 mph
28	9.6	25	25 mph
31	10.6	30	30 mph
42	14.3	35	35 mph
15	5.1	40	40 mph
43	14.7	45	45 mph
13	4.4	50	50 mph
50	17.1	55	55 mph
11	3.8	60	60 mph
30	10.2	65	65 mph

N	Prcnt	Code	Label
12	4.1	70	70 mph
2	0.7	75	75 mph
11	3.8	99	Unknown

Variable	Name	Format	Type	Length
v30	ROADWAY ALIGNMENT	FALIG	Numeric	3

N	Prcnt	Code	Label
250	85.3	1	Straight
43	14.7	2	Curve

Variable	Name	Format	Type	Length
v31	ROADWAY PROFILE	FGRAD82F	Numeric	3

N	Prcnt	Code	Label
223	76.1	1	Level
54	18.4	2	Grade
5	1.7	3	Hillcrest
1	0.3	4	Sag
10	3.4	9	Unknown

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

N	Prcnt	Code	Label
29	9.9	1	Concrete
254	86.7	2	Blacktop, bituminous, or asphalt
1	0.3	3	Brick or block
0	0.0	4	Slag, gravel or stone
0	0.0	5	Dirt
0	0.0	8	Other
9	3.1	9	Unknown

Variable	Name	Format	Type	Length
v33	ROADWY SURFACE CONDITION	FSURF07F	Numeric	3

ROADWAY SURFACE CONDITION

N	Prcnt	Code	Label
250	85.3	1	Dry
32	10.9	2	Wet
4	1.4	3	Snow or slush
7	2.4	4	Ice/frost
0	0.0	5	Sand, dirt, mud, gravel
0	0.0	6	Water (standing or moving)
0	0.0	7	Oil
0	0.0	8	Other
0	0.0	9	Unknown

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

N	Prcnt	Code	Label
184	62.8	0	No controls
			*** Not at Railroad Grade Crossing ***
			Highway traffic signals
3	1.0	1	Traffic control signal (on colors) without pedestrian signal
14	4.8	2	Traffic control signal (on colors) with pedestrian signal
38	13.0	3	Traffic control signal (on colors) not known whether or not pedestrian 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 or other than traffic control or beacon
0	0.0	7	Lane use control signal
2	0.7	8	Other highway traffic signal
1	0.3	9	Unknown highway traffic signal
			Regulatory signs
37	12.6	20	Stop sign
2	0.7	21	Yield sign

N	Prcnt	Code	Label
7	2.4	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
1	0.3	40	Warning sign
0	0.0	41	Electronic warning sign
			Miscellaneous not at railroad crossing
0	0.0	50	Officer, crossing guard, flagman, etc.
			*** At Railroad Grade Crossing ***
			Active devices
0	0.0	60	Gates
0	0.0	61	Flashing lights
0	0.0	62	Traffic control signal
0	0.0	63	Wigwags
0	0.0	64	Bells
0	0.0	68	Other train activated device
0	0.0	69	Active device, type unknown
			Passive devices
0	0.0	70	Cross bucks
0	0.0	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

N	Prcnt	Code	Label
			*** Whether or Not at Railroad Grade Crossing ***
0	0.0	98	Other
3	1.0	99	Unknown

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

TRAFFIC CONTROL FUNCTIONING

N	Prcnt	Code	Label
184	62.8	0	No controls
0	0.0	1	Device not functioning
0	0.0	2	Device functioning improperly
104	35.5	3	Device functioning properly
5	1.7	9	Unknown

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

N	Prcnt	Code	Label
287	98.0	0	No hit-and-run
2	0.7	1	Driver left scene after collision with vehicle in-transport
4	1.4	2	Driver left scene after collision with person not in a motor vehicle
0	0.0	3	Driver left scene after collision with parked/stopped off roadway/working motor vehicle or object
0	0.0	4	Driver left scene after non-collision accident
0	0.0	5	Hit-and-run - other involved person left scene

Variable	Name	Format	Type	Length
v37	LIGHT CONDITION	FLIGHT	Numeric	3

N	Prcnt	Code	Label
207	70.6	1	Daylight
33	11.3	2	Dark
38	13.0	3	Dark but lighted

N	Prcnt	Code	Label
11	3.8	4	Dawn
4	1.4	5	Dusk

Variable	Name	Format	Type	Length
v38	ATMOSPHERIC CONDITIONS	FATM07F	Numeric	3

N	Prcnt	Code	Label
0	0.0	0	No additional atmospheric conditions
265	90.4	1	Clear/cloudy (no adverse conditions)
17	5.8	2	Rain
1	0.3	3	Sleet (hail)
5	1.7	4	Snow or blowing snow
5	1.7	5	Fog, smog, smoke
0	0.0	6	Severe crosswinds
0	0.0	7	Blowing sand, soil, dirt
0	0.0	8	Other
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.

N	Prcnt	Code	Label
287	98.0	0	None
5	1.7	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

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

N	Prcnt	Code	Label
11	3.8	0	Not notified or 12:01 – 12:59 am
5	1.7	1	
		-	Hour
2	0.7	23	
115	39.2	99	Unknown EMS notification time

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

N	Prcnt	Code	Label
15	5.1	0	Not notified or on the hour
5	1.7	1	
		-	Minute
2	0.7	59	
116	39.6	99	Unknown EMS notification time

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

N	Prcnt	Code	Label
12	4.1	0	Not notified or 12:01 – 12:59 am
5	1.7	1	
		-	Hour
2	0.7	23	
113	38.6	99	Unknown EMS scene arrival time

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

N	Prcnt	Code	Label
13	4.4	0	Not notified or on the hour

N	Prcnt	Code	Label
2	0.7	1	
		-	Minute
3	1.0	58	
125	42.7	99	Unknown EMS scene arrival time

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.

N	Prcnt	Code	Label
165	56.3	0	No
128	43.7	1	Yes

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

RAIL GRADE CROSSING ID – FRA CODE

N	Prcnt	Code	Label
292	99.7	0000000	Not applicable
1	0.3	9999999	Unknown

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

NUMBER OF FATALITIES IN ACCIDENT

N	Prcnt	Code	Label
0	0.0	0	0 killed
262	89.4	1	1 killed
19	6.5	2	2 killed
6	2.0	3	3 killed
2	0.7	4	4 killed
1	0.3	7	7 killed
2	0.7	9	9 killed
1	0.3	17	17 killed

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

N	Prcnt	Code	Label
19	6.5	1	Sunday
40	13.7	2	Monday
59	20.1	3	Tuesday
47	16.0	4	Wednesday
39	13.3	5	Thursday
70	23.9	6	Friday
19	6.5	7	Saturday

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

N	Prcnt	Code	Label
260	88.7	0	0 drivers
32	10.9	1	1 driver
1	0.3	2	2 drivers

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

The Julian date from March 1, 1990.

N	Prcnt	Code	Label
1	0.3	39389	January 2, 2008
		-	
1	0.3	39753	December 31, 2008

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

NUMBER OF UNINJURED IN ACCIDENT

N	Prcnt	Code	Label
94	32.1	0	0 uninjured
165	56.3	1	1 uninjured

N	Prcnt	Code	Label
16	5.5	2	2 uninjured
9	3.1	3	3 uninjured
3	1.0	4	4 uninjured
2	0.7	5	5 uninjured
1	0.3	6	6 uninjured
2	0.7	7	7 uninjured
1	0.3	11	11 uninjured

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

NUMBER OF C-INJURED IN ACCIDENT

N	Prcnt	Code	Label
202	68.9	0	0 C-injured
30	10.2	1	1 C-injured
16	5.5	2	2 C-injured
14	4.8	3	3 C-injured
9	3.1	4	4 C-injured
3	1.0	5	5 C-injured
5	1.7	6	6 C-injured
2	0.7	7	7 C-injured
1	0.3	8	8 C-injured
2	0.7	9	9 C-injured
5	1.7	10	10 C-injured
1	0.3	12	12 C-injured
1	0.3	15	15 C-injured
1	0.3	17	17 C-injured
1	0.3	39	39 C-injured

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

NUMBER OF B-INJURED IN ACCIDENT

N	Prcnt	Code	Label
202	68.9	0	0 B-injured
43	14.7	1	1 B-injured
17	5.8	2	2 B-injured

N	Prcnt	Code	Label
7	2.4	3	3 B-injured
7	2.4	4	4 B-injured
4	1.4	5	5 B-injured
2	0.7	6	6 B-injured
1	0.3	8	8 B-injured
3	1.0	10	10 B-injured
2	0.7	11	11 B-injured
1	0.3	14	14 B-injured
1	0.3	17	17 B-injured
1	0.3	19	19 B-injured
1	0.3	20	20 B-injured
1	0.3	31	31 B-injured

Variable	Name	Format	Type	Length
v56	NUMBER A-INJURED IN ACC	FAINJ	Numeric	8

NUMBER OF A-INJURED IN ACCIDENT

N	Prcnt	Code	Label
238	81.2	0	0 A-injured
30	10.2	1	1 A-injured
8	2.7	2	2 A-injured
4	1.4	3	3 A-injured
2	0.7	5	5 A-injured
1	0.3	6	6 A-injured
1	0.3	7	7 A-injured
2	0.7	8	8 A-injured
1	0.3	10	10 A-injured
1	0.3	14	14 A-injured
1	0.3	15	15 A-injured
1	0.3	21	21 A-injured
1	0.3	22	22 A-injured
1	0.3	23	23 A-injured
1	0.3	28	28 A-injured

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

NUMBER OF K-INJURED IN ACCIDENT

N	Prcnt	Code	Label
262	89.4	1	1 killed
19	6.5	2	2 killed
6	2.0	3	3 killed
2	0.7	4	4 killed
1	0.3	7	7 killed
2	0.7	9	9 killed
1	0.3	17	17 killed

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

NUMBER OF UNKNOWN INJURED IN ACCIDENT

N	Prcnt	Code	Label
288	98.3	0	0 unknown injured
1	0.3	1	1 unknown injured
2	0.7	2	2 unknown injured
1	0.3	5	5 unknown injured
1	0.3	9	9 unknown injured

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

FACTORS AT ACCIDENT LEVEL – RESPONSE #1

N	Prcnt	Code	Label
277	94.5	0	None
0	0.0	1	Inadequate warning of exits, lanes narrowing, etc.
0	0.0	2	Shoulder design or condition
0	0.0	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.

N	Prcnt	Code	Label
0	0.0	7	Surface washed out (caved in, road slippage)
			Special circumstances
0	0.0	13	Aggressive driving/road rage by non-contact vehicle driver
3	1.0	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
3	1.0	16	Nonoccupant struck vehicle
0	0.0	17	Vehicle set-in-motion by nondriver
0	0.0	18	Date of accident and date of emergency medical services notification not same day
2	0.7	19	Recent previous accident scene nearby
1	0.3	20	Police pursuit involved
2	0.7	21	Within designated school zone
3	1.0	22	Speed limit is a statutory limit - state's "basic rule"
1	0.3	23	Indication of a stalled/disabled vehicle

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

FACTORS AT ACCIDENT LEVEL – RESPONSE #2

N	Prcnt	Code	Label
292	99.7	0	None
			Special circumstances
1	0.3	20	Police pursuit involved

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

FACTORS AT ACCIDENT LEVEL – RESPONSE #3

N	Prcnt	Code	Label
293	100.0	0	None

Variable	Name	Format	Type	Length
v62	ATMOSPHERIC CONDITIONS #1	FATM07F	Numeric	3

N	Prcnt	Code	Label
0	0.0	0	No additional atmospheric conditions
265	90.4	1	Clear/cloudy (no adverse conditions)
17	5.8	2	Rain
1	0.3	3	Sleet (hail)
5	1.7	4	Snow or blowing snow
5	1.7	5	Fog, smog, smoke
0	0.0	6	Severe crosswinds
0	0.0	7	Blowing sand, soil, dirt
0	0.0	8	Other
0	0.0	9	Unknown

Variable	Name	Format	Type	Length
v63	ATMOSPHERIC CONDITIONS #2	FATM07F	Numeric	3

N	Prcnt	Code	Label
292	99.7	0	No additional atmospheric conditions
1	0.3	1	Clear/cloudy (no adverse conditions)

Variable	Name	Format	Type	Length
v71	LATITUDE		Numeric	8

LATITUDE IN DECIMAL DEGREE FORMAT

N	Prcnt	Code	Label
1	0.3	25.648106	
		-	Latitude
1	0.3	47.864314	

Variable	Name	Format	Type	Length
v72	LONGITUDE		Numeric	8

LONGITUDE IN DECIMAL DEGREE FORMAT

N	Prcnt	Code	Label
1	0.3	-122.8825	
		-	Longitude
1	0.3	-70.82499	

The VEHICLE Variables

Variables 104 through 185 are the FARS variables that describe the vehicle involved in the accident (i.e., the bus).

Variable	Name	Format	Type	Length
v104	VEHICLE NUMBER	FVEHNUM	Numeric	3

N	Prcnt	Code	Label
153	52.2	1	Vehicle #1
113	38.6	2	Vehicle #2
23	7.8	3	Vehicle #3
4	1.4	4	Vehicle #4

Variable	Name	Format	Type	Length
v105	UNIT TYPE	FUNIT	Numeric	3

N	Prcnt	Code	Label
293	100.0	1	Motor vehicle in-transport (inside or outside the trafficway)
0	0.0	2	Motor vehicle not in-transport within the trafficway
0	0.0	3	Motor vehicle not in-transport outside the trafficway
0	0.0	4	Working motor vehicle (highway construction, maintenance, utility only)

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

N	Prcnt	Code	Label
178	60.8	1	1 occupant
25	8.5	2	2 occupants
17	5.8	3	3 occupants
11	3.8	4	4 occupants
15	5.1	5	5 occupants
6	2.0	6	6 occupants
3	1.0	7	7 occupants
3	1.0	8	8 occupants
4	1.4	9	9 occupants
6	2.0	10	10 occupants
3	1.0	11	11 occupants

N	Prcnt	Code	Label
2	0.7	12	12 occupants
3	1.0	13	13 occupants
1	0.3	14	14 occupants
1	0.3	15	15 occupants
3	1.0	16	16 occupants
1	0.3	19	19 occupants
1	0.3	22	22 occupants
2	0.7	24	24 occupants
1	0.3	31	31 occupants
1	0.3	37	37 occupants
1	0.3	41	41 occupants
1	0.3	49	49 occupants
2	0.7	52	52 occupants
1	0.3	56	56 occupants
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v108	VEHICLE MAKE	FMAKE91F	Numeric	3

N	Prcnt	Code	Label
2	0.7	7	Dodge
34	11.6	12	Ford
2	0.7	19	Cadillac
7	2.4	20	Chevrolet
11	3.8	23	GMC
2	0.7	51	Volvo
7	2.4	82	Freightliner
69	23.5	84	International Harvester or Navistar
22	7.5	90	Bluebird
27	9.2	92	Gillig
16	5.5	93	MCI
19	6.5	94	Thomas Built
73	24.9	98	Other make
2	0.7	99	Unknown

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

N	Prcnt	Code	Label
2	0.7	7461	B-series van/Ram van/Ram wagon
28	9.6	12461	Ford E-series van/Econoline
1	0.3	12481	Ford F-series pickup
5	1.7	12981	Ford conventional bus (engine out front)
2	0.7	19004	Cadillac limousine
3	1.0	20461	Chevrolet G-series van
1	0.3	20881	Chevrolet medium/heavy -- cab behind engine
2	0.7	20981	Chevrolet conventional bus – engine out front
1	0.3	20988	Chevrolet other bus
5	1.7	23461	GMC G-series van/Savana
1	0.3	23499	GMC unknown (light truck)
1	0.3	23881	GMC medium/heavy -- cab behind engine
3	1.0	23981	GMC conventional bus (engine out front)
1	0.3	23988	GMC other (bus)
2	0.7	51981	Volvo bus: conventional (engine out front)
6	2.0	82981	Freightliner bus: conventional (engine out front)
1	0.3	82988	Freightliner other (bus)
66	22.5	84981	International Harvester/Navistar bus: conventional (engine out front)
1	0.3	84982	International Harvester/Navistar bus: front engine, flat front
2	0.7	84983	International Harvester/Navistar bus: rear engine, flat front
18	6.1	90981	Bluebird bus: conventional (engine out front)
3	1.0	90982	Bluebird bus: front engine, flat front
1	0.3	90988	Bluebird other (bus)
25	8.5	92981	Gillig bus: conventional (engine out front)
1	0.3	92982	Gillig bus: front engine, flat front
1	0.3	92988	Gillig other (bus)
11	3.8	93981	MCI bus: conventional (engine out front)
2	0.7	93982	MCI bus: front engine, flat front
1	0.3	93983	MCI bus: rear engine, flat front
2	0.7	93988	MCI other (bus)
16	5.5	94981	Thomas Built bus: conventional (engine out front)
1	0.3	94982	Thomas Built bus: front engine, flat front
2	0.7	94983	Thomas Built bus: rear engine, flat front
2	0.7	98902	Other make Neoplan
8	2.7	98907	Other make Orion

N	Prcnt	Code	Label
7	2.4	98908	Other make Van Hool
45	15.4	98981	Other make bus: conventional (engine out front)
1	0.3	98982	Other make bus: front engine, flat front
10	3.4	98988	Other make other (bus)
2	0.7	99989	Unknown make unknown (bus)

Variable	Name	Format	Type	Length
v110	BODY TYPE	FBODY03F	Numeric	3

N	Prcnt	Code	Label
			Automotive derivatives
2	0.7	12	Large limousine – more than four side doors or stretch chassis
			Van-based light trucks (GVWR <= 10,000 lbs)
38	13.0	21	Large van – includes van-based buses
1	0.3	29	Unknown van type
			Light conventional truck (pickup-style cab, GVWR <= 10,000 lbs)
1	0.3	31	Standard pickup (gross vehicle weight rating 4,500 to 10,000 lbs.)
			Buses (excludes van-based)
115	39.2	50	School bus
20	6.8	51	Cross country/intercity bus (i.e., Greyhound)
92	31.4	52	Transit bus (city bus)
11	3.8	58	Other bus type
11	3.8	59	Unknown bus type
			Heavy/medium truck, gross vehicle weight rating > 10,000 lbs
2	0.7	61	Single-unit straight truck (10,000 lbs < gross vehicle weight rating <= 19,500 lbs)

Variable	Name	Format	Type	Length
v111	MODEL YEAR	FMODYR	Numeric	4

N	Prcnt	Code	Label
1	0.3	1982	1982

N	Prcnt	Code	Label
2	0.7	1985	1985
1	0.3	1986	1986
1	0.3	1987	1987
1	0.3	1988	1988
2	0.7	1989	1989
4	1.4	1990	1990
3	1.0	1991	1991
1	0.3	1992	1992
5	1.7	1993	1993
7	2.4	1994	1994
15	5.1	1995	1995
10	3.4	1996	1996
17	5.8	1997	1997
20	6.8	1998	1998
19	6.5	1999	1999
24	8.2	2000	2000
27	9.2	2001	2001
21	7.2	2002	2002
13	4.4	2003	2003
20	6.8	2004	2004
13	4.4	2005	2005
25	8.5	2006	2006
25	8.5	2007	2007
10	3.4	2008	2008
3	1.0	2009	2009
3	1.0	9999	Unknown

Variable	Name	Format	Type	Length
v112	VIN	$12	Char	12

VEHICLE IDENTIFICATION NUMBER – FIRST 12 POSITIONS

Variable	Name	Format	Type	Length
v123	REGISTRATION STATE	FREG08ST	Numeric	3

N	Prcnt	Code	Label
23	7.8	0	Not applicable
4	1.4	1	Alabama

N	Prcnt	Code	Label
0	0.0	2	Alaska
9	3.1	4	Arizona
1	0.3	5	Arkansas
9	3.1	6	California
1	0.3	8	Colorado
3	1.0	9	Connecticut
2	0.7	10	Delaware
1	0.3	11	District of Columbia
32	10.9	12	Florida
8	2.7	13	Georgia
0	0.0	15	Hawaii
0	0.0	16	Idaho
11	3.8	17	Illinois
4	1.4	18	Indiana
3	1.0	19	Iowa
3	1.0	20	Kansas
8	2.7	21	Kentucky
4	1.4	22	Louisiana
0	0.0	23	Maine
6	2.0	24	Maryland
4	1.4	25	Massachusetts
12	4.1	26	Michigan
4	1.4	27	Minnesota
3	1.0	28	Mississippi
1	0.3	29	Missouri
1	0.3	30	Montana
1	0.3	31	Nebraska
2	0.7	32	Nevada
1	0.3	33	New Hampshire
7	2.4	34	New Jersey
2	0.7	35	New Mexico
16	5.5	36	New York
11	3.8	37	North Carolina
0	0.0	38	North Dakota
11	3.8	39	Ohio
2	0.7	40	Oklahoma
2	0.7	41	Oregon
13	4.4	42	Pennsylvania
0	0.0	44	Rhode Island

N	Prcnt	Code	Label
4	1.4	45	South Carolina
1	0.3	46	South Dakota
3	1.0	47	Tennessee
25	8.5	48	Texas
2	0.7	49	Utah
0	0.0	50	Vermont
7	2.4	51	Virginia
7	2.4	53	Washington
2	0.7	54	West Virginia
2	0.7	55	Wisconsin
1	0.3	56	Wyoming
4	1.4	92	No registration
3	1.0	93	Multiple state registration
5	1.7	94	U.S. government tags (includes military)
0	0.0	95	Canada
0	0.0	96	Mexico
0	0.0	97	Other foreign country
0	0.0	98	Other registration (includes Native American Indian Nations)
2	0.7	99	Unknown

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

N	Prcnt	Code	Label
27	9.2	0	Not applicable, vehicle not registered
7	2.4	1	Driver (in this crash) was registered owner
12	4.1	2	Driver (in this crash) not registered owner (other private owner listed)
244	83.3	3	Vehicle registered as business/company/government vehicle
1	0.3	4	Vehicle registered as rental vehicle
0	0.0	5	Vehicle was stolen (reported by police)
0	0.0	6	Driverless/motor vehicle parked/stopped off roadway/in motion outside trafficway
2	0.7	9	Unknown

Variable	Name	Format	Type	Length
v125	ROLLOVER	FROLL	Numeric	3

N	Prcnt	Code	Label
267	91.1	0	No rollover
9	3.1	1	First event
17	5.8	2	Subsequent event

Variable	Name	Format	Type	Length
v126	JACKKNIFE	FJK82F	Numeric	3

Identifies the loss of control of a bus in motion where the trailing unit yaws more than 15 degrees from its normal straight line path behind the forward unit.

N	Prcnt	Code	Label
291	99.3	0	Not an articulated vehicle
2	0.7	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

N	Prcnt	Code	Label
23	7.8	0	Stopped motor vehicle in-transport
2	0.7	2	
		-	Actual miles per hour
1	0.3	80	
119	40.6	98	Not reported
45	15.4	99	Unknown

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.

N	Prcnt	Code	Label
291	99.3	0	No

N	Prcnt	Code	Label
2	0.7	1	Yes, one trailer
0	0.0	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

N	Prcnt	Code	Label
13	4.4	0	Not applicable, not a medium/heavy truck, bus or vehicle displaying a hazardous material placard
1	0.3	1	Single-unit Truck (2 axles, 6 tires)
1	0.3	3	Single-unit truck (unknown number of axles, tires)
32	10.9	20	Bus (seats 9-15 people, including driver)
245	83.6	21	Bus (seats for 16 or more people, including driver)
1	0.3	99	Unknown if light or medium/heavy truck/bus

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

N	Prcnt	Code	Label
13	4.4	0	Not applicable, not a medium/heavy truck or bus
1	0.3	1	Van/enclosed box
0	0.0	2	Cargo tank
0	0.0	3	Flatbed
0	0.0	4	Dump
0	0.0	5	Concrete mixer
0	0.0	6	Auto transporter
0	0.0	7	Garbage/refuse
0	0.0	8	Grain, chips, gravel
0	0.0	9	Pole
0	0.0	10	Log
0	0.0	11	Intermodal chassis
0	0.0	12	Vehicle towing another motor vehicle
32	10.9	20	Bus (seats 9-15 people, including driver)
245	83.6	21	Bus (seats for 16 or more people, including driver)

N	Prcnt	Code	Label
1	0.3	96	No cargo body type
0	0.0	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 medium/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.

N	Prcnt	Code	Label
252	86.0	0	No special use
0	0.0	1	Taxi
19	6.5	2	Vehicle used as school bus
20	6.8	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	Fire truck
2	0.7	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.

N	Prcnt	Code	Label
293	100.0	0	No
0	0.0	1	Yes

Variable	Name	Format	Type	Length
v135	IMPACT POINT - INITIAL	FIMPACTA	Numeric	3

N	Prcnt	Code	Label
12	4.1	0	Noncollision
7	2.4	1	1 o'clock
1	0.3	2	2 o'clock

N	Prcnt	Code	Label
15	5.1	3	3 o'clock
9	3.1	4	4 o'clock
7	2.4	5	5 o'clock
26	8.9	6	6 o'clock
6	2.0	7	7 o'clock
7	2.4	8	8 o'clock
17	5.8	9	9 o'clock
6	2.0	10	10 o'clock
15	5.1	11	11 o'clock
154	52.6	12	12 o'clock
1	0.3	13	Top
5	1.7	14	Undercarriage
0	0.0	18	Vehicle set something in motion causing injury or damage (not a clock point)
5	1.7	99	Unknown

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

N	Prcnt	Code	Label
12	4.1	0	Noncollision
8	2.7	1	1 o'clock
0	0.0	2	2 o'clock
14	4.8	3	3 o'clock
8	2.7	4	4 o'clock
9	3.1	5	5 o'clock
22	7.5	6	6 o'clock
7	2.4	7	7 o'clock
7	2.4	8	8 o'clock
17	5.8	9	9 o'clock
6	2.0	10	10 o'clock
15	5.1	11	11 o'clock
150	51.2	12	12 o'clock
4	1.4	13	Top
8	2.7	14	Undercarriage
0	0.0	18	Vehicle set something in motion causing injury or damage (not a clock point)
6	2.0	99	Unknown

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

N	Prcnt	Code	Label
50	17.1	0	None
54	18.4	2	Other (minor)
66	22.5	4	Functional (moderate)
111	37.9	6	Disabling (severe)
12	4.1	9	Unknown

Variable	Name	Format	Type	Length
v138	VEHICLE ROLE	FIMPAC	Numeric	3

N	Prcnt	Code	Label
12	4.1	0	Non-collision
152	51.9	1	Striking
122	41.6	2	Struck
7	2.4	3	Both

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

N	Prcnt	Code	Label
102	34.8	1	Driven
182	62.1	2	Towed away
1	0.3	3	Abandoned/left at scene
8	2.7	9	Unknown

Variable	Name	Format	Type	Length
v140	FIRE OCCURRENCE	FFIRE	Numeric	3

N	Prcnt	Code	Label
289	98.6	0	No fire
3	1.0	1	Fire occurred in this vehicle during accident
1	0.3	2	Fire occurred in this vehicle and initiated fire/explosion in another vehicle

Variable	Name	Format	Type	Length
v142	VEHICLE MANEUVER	FV_MAN	Numeric	3

N	Prcnt	Code	Label
187	63.8	1	Going straight
5	1.7	2	Slowing or stopping in traffic lane
6	2.0	3	Starting in traffic lane
24	8.2	4	Stopped in traffic lane
2	0.7	5	Passing or overtaking another vehicle
2	0.7	6	Leaving a parked position
0	0.0	7	Parked
0	0.0	8	Entering a parked position
3	1.0	9	Controlled maneuver to avoid animal, pedestrian, object, another vehicle, etc.
0	0.0	10	Turning right: right turn on red permitted
0	0.0	11	Turning right: right turn on red not permitted
7	2.4	12	Turning right: right turn on red not known if permitted or right turn on red not applicable
39	13.3	13	Turning left
0	0.0	14	Making a U-turn
0	0.0	15	Backing up (other than for parking purposes)
0	0.0	16	Changing lanes or merging
16	5.5	17	Negotiating a curve
1	0.3	98	Other
1	0.3	99	Unknown

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

N	Prcnt	Code	Label
140	47.8	0	No avoidance maneuver reported
7	2.4	1	Braking (skid marks evident)
5	1.7	2	Braking (no skid marks; driver stated)
0	0.0	3	Braking (other reported evidence)
21	7.2	4	Steering (evidence or stated)
26	8.9	5	Steering and braking (evidence or stated)
2	0.7	6	Other avoidance maneuver
92	31.4	8	Not reported/inconclusive (by police)

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

N	Prcnt	Code	Label
19	6.5	1	Overturn/rollover
1	0.3	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
4	1.4	5	Fell/jumped from vehicle
2	0.7	6	Injured in vehicle (other than cargo/equipment loss/shift)
1	0.3	7	Other non-collision
73	24.9	8	Pedestrian
15	5.1	9	Pedal cycle
0	0.0	10	Railway train
0	0.0	11	Live animal
170	58.0	12	Motor vehicle in-transport on same roadway
0	0.0	13	Motor vehicle in-transport on different roadway
0	0.0	14	Parked motor vehicle or motor vehicle stopped off roadway
1	0.3	15	Non-motorist on personal conveyance
0	0.0	16	Thrown or falling object
0	0.0	17	Boulder
0	0.0	18	Other object (not fixed)
0	0.0	19	Building
1	0.3	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
1	0.3	35	Embankment - earth
0	0.0	36	Embankment - rock, stone or concrete

N	Prcnt	Code	Label
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
3	1.0	42	Tree (standing tree only)
0	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
1	0.3	45	Working motor vehicle (construction, maintenance or utility vehicle only)
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
1	0.3	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable barrier
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 non-collision
16 = Thrown or falling object
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 on same roadway
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 motor 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 supports
32 = Culvert
33 = Curb
34 = Ditch
35 = Embankment – earth
36 = Embankment – rock, stone or concrete
37 = Embankment – material type unknown

38 = Fence
39 = Wall
40 = Fire hydrant
41 = Shrubbery
42 = Tree (standing tree only)
43 = Other fixed object
46 = Traffic signal support/signal
48 = Snow bank
50 = Bridge overhead structure
52 = Guardrail end
53 = Mail box
57 = Cable barrier

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

NUMBER OF DEATHS IN VEHICLE

N	Prcnt	Code	Label
252	86.0	0	0 deaths
29	9.9	1	1 death
4	1.4	2	2 deaths
2	0.7	3	3 deaths
2	0.7	4	4 deaths
1	0.3	7	7 deaths
2	0.7	9	9 deaths
1	0.3	17	17 deaths

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

N	Prcnt	Code	Label
0	0.0	1	(E) Electric operated
20	6.8	2	(G) Gas
98	33.4	3	(D) Diesel
0	0.0	4	(P) Propane
3	1.0	7	(*) Not available from vehicle identification number
0	0.0	8	(b) Unknown
172	58.7	9	(9) No vehicle identification number information

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

N	Prcnt	Code	Label
3	1.0	0	Value not returned
14	4.8	2	6,001 – 10,000 lbs
14	4.8	3	10,001 – 14,000 lbs
9	3.1	4	14,001 – 16,000 lbs
6	2.0	5	16,001 – 19,500 lbs
14	4.8	6	19,501 – 26,000 lbs
61	20.8	7	26,001 – 33,000 lbs
2	0.7	8	33,001 lbs or more
170	58.0	9	Value not coded

Variable	Name	Format	Type	Length
v153	VIN TRUCK SERIES		Char	3

Variable	Name	Format	Type	Length
v155	LENGTH OF VIN		Numeric	3

N	Prcnt	Code	Label
293	100.0	17	17 characters

Variables 156 through 161 are added by UMTRI to indicate the number of persons in the vehicle with injury severity 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

NUMBER OF UNINJURED IN VEHICLE

N	Prcnt	Code	Label
110	37.5	0	0 uninjured
172	58.7	1	1 uninjured
5	1.7	3	3 uninjured
1	0.3	4	4 uninjured
3	1.0	5	5 uninjured

N	Prcnt	Code	Label
1	0.3	7	7 uninjured
1	0.3	10	10 uninjured

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

NUMBER OF C-INJURED IN VEHICLE

N	Prcnt	Code	Label
212	72.4	0	0 C-injured
29	9.9	1	1 C-injured
11	3.8	2	2 C-injured
10	3.4	3	3 C-injured
11	3.8	4	4 C-injured
4	1.4	5	5 C-injured
5	1.7	6	6 C-injured
2	0.7	7	7 C-injured
5	1.7	9	9 C-injured
1	0.3	12	12 C-injured
1	0.3	15	15 C-injured
1	0.3	17	17 C-injured
1	0.3	39	39 C-injured

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

NUMBER OF B-INJURED IN VEHICLE

N	Prcnt	Code	Label
223	76.1	0	0 B-injured
38	13.0	1	1 B-injured
7	2.4	2	2 B-injured
3	1.0	3	3 B-injured
7	2.4	4	4 B-injured
2	0.7	5	5 B-injured
2	0.7	6	6 B-injured
1	0.3	8	8 B-injured
1	0.3	9	9 B-injured
3	1.0	10	10 B-injured

N	Prcnt	Code	Label
1	0.3	11	11 B-injured
1	0.3	14	14 B-injured
1	0.3	17	17 B-injured
1	0.3	19	19 B-injured
1	0.3	20	20 B-injured
1	0.3	31	31 B-injured

Variable	Name	Format	Type	Length
v159	NUMBER A-INJURED IN VEH	FVAINJ	Numeric	8

NUMBER OF A-INJURED IN VEHICLE

N	Prcnt	Code	Label
263	89.8	0	0 A-injured
13	4.4	1	1 A-injured
3	1.0	2	2 A-injured
2	0.7	3	3 A-injured
1	0.3	4	4 A-injured
1	0.3	5	5 A-injured
2	0.7	6	6 A-injured
2	0.7	8	8 A-injured
1	0.3	14	14 A-injured
1	0.3	15	15 A-injured
1	0.3	19	19 A-injured
1	0.3	22	22 A-injured
1	0.3	23	23 A-injured
1	0.3	28	28 A-injured

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

NUMBER OF K-INJURED IN VEHICLE

N	Prcnt	Code	Label
252	86.0	0	0 killed
29	9.9	1	1 killed
4	1.4	2	2 killed
2	0.7	3	3 killed
2	0.7	4	4 killed

N	Prcnt	Code	Label
1	0.3	7	7 killed
2	0.7	9	9 killed
1	0.3	17	17 killed

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

NUMBER OF UNKNOWN INJURED IN VEHICLE

N	Prcnt	Code	Label
288	98.3	0	0 unknown injured
1	0.3	1	1 unknown injured
2	0.7	2	2 unknown injured
1	0.3	5	5 unknown injured
1	0.3	8	8 unknown injured

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

RELATED FACTORS AT VEHICLE LEVEL – RESPONSE #1

N	Prcnt	Code	Label
283	96.6	0	None
			Vehicle condition(s) noted
3	1.0	1	Tires
2	0.7	2	Brake system
0	0.0	3	Steering system
0	0.0	4	Suspension
0	0.0	5	Power train
0	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
0	0.0	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors
0	0.0	12	Wipers
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors, hood, other

N	Prcnt	Code	Label
0	0.0	15	Trailer hitch
0	0.0	16	Wheels
0	0.0	17	Air bag
0	0.0	18	Other vehicle defects
0	0.0	19	Safety belts
			Special vehicle flags
2	0.7	31	Hit-and-run vehicle
2	0.7	32	Vehicle registration for handicapped
0	0.0	33	Vehicle being pushed by non-motorist
0	0.0	35	Reconstructed/altered vehicle
0	0.0	36	Electric/alternative fuel vehicle
0	0.0	37	Transporting children to/from Head Start/day care
0	0.0	39	Highway construction, maintenance or utility vehicle, in-transport (inside or outside work zone)
0	0.0	40	Highway incident response vehicle
0	0.0	41	Police, fire, or emergency services vehicle working at the scene of an emergency or performing other traffic control activities
1	0.3	42	Other working vehicle (not construction, maintenance, utility, police, fire, or emergency services vehicle)
0	0.0	44	Adaptive equipment
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v163	VEH RELATED FACTORS #2	FVRF	Numeric	3

RELATED FACTORS AT VEHICLE LEVEL – RESPONSE #2

N	Prcnt	Code	Label
293	100.0	0	None

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

N	Prcnt	Code	Label
291	99.3	0	No underride or override

N	Prcnt	Code	Label
			Underriding a motor vehicle in-transport
0	0.0	1	Underride, compartment intrusion
0	0.0	2	Underride, no compartment intrusion
0	0.0	3	Underride, compartment intrusion unknown
2	0.7	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

N	Prcnt	Code	Label
			Issuing authority (columns 1-2)
13	4.4	00	Not applicable
1	0.3	04	
		-	FARS state code
1	0.3	56	
57	19.5	57	US DOT
1	0.3	58	MC/MX (ICC)
110	37.5	88	None
55	18.8	99	Unknown

Identification number (columns 3-11)

000000000	Not applicable
888888888	None
999999999	Unknown

Variable	Name	Format	Type	Length
v171	BUS USE	FBUSUSE	Numeric	3

N	Prcnt	Code	Label
13	4.4	0	Not used as a bus
90	30.7	1	Used as a public school bus
7	2.4	2	Used as a private school bus

N	Prcnt	Code	Label
35	11.9	3	Used as a school bus, public or private unknown
71	24.2	4	Used as a scheduled service bus
17	5.8	5	Used as a tour bus
23	7.8	6	Used as a commuter bus
15	5.1	7	Used as a shuttle bus
2	0.7	8	Modified for personal/private use
20	6.8	9	Unknown bus use

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

N	Prcnt	Code	Label
13	4.4	0	Not applicable
14	4.8	1	10,000 lbs or less
59	20.1	2	10,001 - 26,000 lbs
193	65.9	3	26,001 lbs or more
14	4.8	9	Unknown

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

EVENT #1 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
0	0.0	0	No event
2	0.7	1	Overturn/rollover
0	0.0	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
3	1.0	5	Fell/jumped from vehicle
2	0.7	6	Injured in vehicle (other than cargo/equipment loss or shift)
2	0.7	7	Other non-collision
72	24.6	8	Pedestrian
15	5.1	9	Pedal cycle
0	0.0	10	Railway train
0	0.0	11	Live animal
172	58.7	12	Motor vehicle in-transport on same roadway
0	0.0	13	Motor vehicle in-transport on different roadway

N	Prcnt	Code	Label
0	0.0	14	Parked motor vehicle or vehicle stopped off roadway
1	0.3	15	Non-motorist on personal conveyance
0	0.0	16	Thrown or falling object
0	0.0	17	Boulder
0	0.0	18	Other object (not fixed)
0	0.0	19	Building
0	0.0	20	Impact attenuator/crash cushion
0	0.0	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
0	0.0	23	Bridge rail
1	0.3	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, grooved, grates)
1	0.3	45	Working motor vehicle (construction, maintenance or utility vehicle only)
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

N	Prcnt	Code	Label
0	0.0	52	Guardrail end
0	0.0	53	Mail box
1	0.3	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable Barrier
0	0.0	60	Cargo/equipment loss or shift (causing injury or damage)
2	0.7	61	Equipment failure (blown tire, brake failure, etc.)
0	0.0	62	Separation of units
10	3.4	63	Ran off road - right
4	1.4	64	Ran off road - left
5	1.7	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

N	Prcnt	Code	Label
219	74.7	0	No event
6	2.0	1	Overturn/rollover
3	1.0	2	Fire/explosion
1	0.3	5	Fell/jumped from vehicle
2	0.7	8	Pedestrian
15	5.1	12	Motor vehicle in-transport on same roadway
1	0.3	20	Impact attenuator/crash cushion
1	0.3	23	Bridge rail
2	0.7	24	Guardrail face
1	0.3	27	Highway/traffic sign post/sign
1	0.3	33	Curb
1	0.3	37	Embankment - material type unknown
2	0.7	42	Tree (standing tree only)
1	0.3	43	Other fixed object
1	0.3	61	Equipment failure (blown tire, brake failure, etc.)
1	0.3	62	Separation of units

N	Prcnt	Code	Label
18	6.1	63	Ran off road - right
12	4.1	64	Ran off road - left
5	1.7	65	Cross median/centerline

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

EVENT #3 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
256	87.4	0	No event
12	4.1	1	Overturn/rollover
4	1.4	12	Motor vehicle in-transport on same roadway
3	1.0	24	Guardrail face
1	0.3	30	Utility pole
2	0.7	33	Curb
3	1.0	34	Ditch
1	0.3	37	Embankment - material type unknown
1	0.3	38	Fence
1	0.3	42	Tree (standing tree only)
5	1.7	63	Ran off road - right
3	1.0	64	Ran off road - left
1	0.3	65	Cross median/centerline

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

EVENT #4 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
276	94.2	0	No event
3	1.0	1	Overturn/rollover
1	0.3	2	Fire/explosion
1	0.3	12	Motor vehicle in-transport on same roadway
1	0.3	14	Parked motor vehicle or vehicle stopped off roadway
1	0.3	25	Concrete traffic barrier
1	0.3	27	Highway/traffic sign post/sign
1	0.3	30	Utility pole
1	0.3	37	Embankment - material type unknown

N	Prcnt	Code	Label
1	0.3	38	Fence
3	1.0	42	Tree (standing tree only)
2	0.7	65	Cross median/centerline
1	0.3	67	Vehicle went airborne

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

EVENT #5 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
286	97.6	0	No event
2	0.7	1	Overturn/rollover
1	0.3	14	Parked motor vehicle or vehicle stopped off roadway
1	0.3	24	Guardrail face
3	1.0	64	Ran off road - left

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

EVENT #6 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
287	98.0	0	No event
1	0.3	1	Overturn/rollover
1	0.3	19	Building
1	0.3	24	Guardrail face
1	0.3	25	Concrete traffic barrier
1	0.3	35	Embankment - earth
1	0.3	63	Ran off road - right

Variable	Name	Format	Type	Length
v179	HAZARDOUS MATERIAL CLASS NUMBER	FHAZ4F	Numeric	3

N	Prcnt	Code	Label
293	100.0	0	Not applicable

Variable	Name	Format	Type	Length
v180	HAZARDOUS MATERIAL ID NUMBER	FHAZ3F	Numeric	4

N	Prcnt	Code	Label
293	100.0	0	Not applicable

Variable	Name	Format	Type	Length
v181	HAZARDOUS MATERIAL INVOLVEMENT	FHAZ07F	Numeric	3

N	Prcnt	Code	Label
293	100.0	1	No

Variable	Name	Format	Type	Length
v182	HAZARDOUS MATERIAL PLACARD	FHAZ2F	Numeric	3

N	Prcnt	Code	Label
293	100.0	0	Not applicable

Variable	Name	Format	Type	Length
v183	HAZARDOUS MATERIAL RELEASED	FHAZ2F	Numeric	3

N	Prcnt	Code	Label
293	100.0	0	Not applicable

Variable	Name	Format	Type	Length
v184	MCID ISSUING AUTHORITY	FSTATES	Numeric	3

N	Prcnt	Code	Label
14	4.8	0	Not applicable
22	7.5	6	
		-	FARS state code
2	0.7	56	
57	19.5	57	US DOT
1	0.3	58	MC/MX (ICC)
110	37.5	88	None
55	18.8	99	Unknown

Variable	Name	Format	Type	Length
v185	MCID IDENTIFICATION NUMBER		Char	9

N	Prcnt	Code	Label
1	0.3	00010206	
		-	MCID identification number
1	0.3	899147	
13	4.4	000000000	Not applicable
116	39.6	888888888	None
82	28.0	999999999	Unknown

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

N	Prcnt	Code	Label
293	100.0	1	Driver-operated vehicle
0	0.0	2	Driverless
0	0.0	3	Driver left scene
0	0.0	4	Motor vehicle not in-transport (parked/stopped off roadway/working motor vehicle)

Variable	Name	Format	Type	Length
v208	DRIVER DRINKING	FDRIVEDR	Numeric	3

N	Prcnt	Code	Label
288	98.3	0	No (alcohol not involved)
5	1.7	1	Yes (alcohol involved)
0	0.0	8	Not reported

Variable	Name	Format	Type	Length
v209	LICENSE STATE	FSTATES	Numeric	3

N	Prcnt	Code	Label
4	1.4	1	Alabama
0	0.0	2	Alaska
10	3.4	4	Arizona
2	0.7	5	Arkansas
31	10.6	6	California
1	0.3	8	Colorado
3	1.0	9	Connecticut
2	0.7	10	Delaware
0	0.0	11	District of Columbia
31	10.6	12	Florida
11	3.8	13	Georgia
0	0.0	15	Hawaii
1	0.3	16	Idaho

N	Prcnt	Code	Label
14	4.8	17	Illinois
4	1.4	18	Indiana
2	0.7	19	Iowa
3	1.0	20	Kansas
8	2.7	21	Kentucky
5	1.7	22	Louisiana
0	0.0	23	Maine
7	2.4	24	Maryland
3	1.0	25	Massachusetts
12	4.1	26	Michigan
3	1.0	27	Minnesota
4	1.4	28	Mississippi
4	1.4	29	Missouri
1	0.3	30	Montana
1	0.3	31	Nebraska
2	0.7	32	Nevada
1	0.3	33	New Hampshire
7	2.4	34	New Jersey
0	0.0	35	New Mexico
15	5.1	36	New York
12	4.1	37	North Carolina
0	0.0	38	North Dakota
11	3.8	39	Ohio
2	0.7	40	Oklahoma
2	0.7	41	Oregon
15	5.1	42	Pennsylvania
1	0.3	44	Rhode Island
4	1.4	45	South Carolina
2	0.7	46	South Dakota
5	1.7	47	Tennessee
24	8.2	48	Texas
2	0.7	49	Utah
0	0.0	50	Vermont
8	2.7	51	Virginia
7	2.4	53	Washington
2	0.7	54	West Virginia
1	0.3	55	Wisconsin
1	0.3	56	Wyoming

N	Prcnt	Code	Label
1	0.3	96	Mexico
1	0.3	99	Unknown

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

NON-CDL LICENSE TYPE, REGARDLESS OF VEHICLE DRIVEN

N	Prcnt	Code	Label
0	0.0	0	Not licensed
290	99.0	1	Full driver license
0	0.0	2	Intermediate driver license
0	0.0	7	Learner's permit
0	0.0	8	Temporary license
3	1.0	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

N	Prcnt	Code	Label
0	0.0	0	Not licensed
2	0.7	1	Suspended
0	0.0	2	Revoked
0	0.0	3	Expired
0	0.0	4	Canceled or denied
288	98.3	6	Valid
3	1.0	9	Unknown license status

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

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

N	Prcnt	Code	Label
0	0.0	0	Not licensed
0	0.0	1	No license required for this class vehicle

N	Prcnt	Code	Label
2	0.7	2	No valid license for this class vehicle
288	98.3	3	Valid license for this class vehicle
0	0.0	8	Unknown if commercial driver license and/or commercial driver license endorsement required for this vehicle
3	1.0	9	Unknown

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

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

N	Prcnt	Code	Label
20	6.8	0	No (commercial driver license)
0	0.0	1	Suspended
0	0.0	2	Revoked
1	0.3	3	Expired
0	0.0	4	Canceled or denied
1	0.3	5	Disqualified
262	89.4	6	Valid
6	2.0	7	Learner's permit
0	0.0	8	Other - not valid
3	1.0	9	Unknown

Variable	Name	Format	Type	Length
v213	LICENSE ENDORSEMENTS	FEND91F	Numeric	3

COMPLIANCE WITH LICENSE ENDORSEMENTS

N	Prcnt	Code	Label
84	28.7	0	No endorsements required for this vehicle
153	52.2	1	Endorsement(s) required, complied with
1	0.3	2	Endorsement(s) required, not complied with
53	18.1	3	Endorsement(s) required, compliance unknown
2	0.7	9	Unknown if required

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

COMPLIANCE WITH LICENSE RESTRICTIONS

N	Prcnt	Code	Label
162	55.3	0	No restrictions or not applicable
31	10.6	1	Restrictions complied with
2	0.7	2	Restrictions not complied with
94	32.1	3	Restrictions, compliance unknown
4	1.4	9	Unknown

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

NUMBER OF PREVIOUS RECORDED ACCIDENTS

N	Prcnt	Code	Label
213	72.7	0	0 accidents
42	14.3	1	1 accident
14	4.8	2	2 accidents
4	1.4	3	3 accidents
1	0.3	5	5 accidents
15	5.1	98	Accidents not reported on driving record
4	1.4	99	Unknown

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

NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

N	Prcnt	Code	Label
275	93.9	0	0 suspensions
7	2.4	1	1 suspension
3	1.0	2	2 suspensions
2	0.7	3	3 suspensions
1	0.3	7	7 suspensions
1	0.3	13	13 suspensions
4	1.4	99	Unknown

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

NUMBER OF PREVIOUS DRIVING WHILE UNDER THE INFLUENCE CONVICTIONS

N	Prcnt	Code	Label
288	98.3	0	0 driving while intoxicated convictions
1	0.3	1	1 driving while intoxicated conviction
4	1.4	99	Unknown

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

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

N	Prcnt	Code	Label
261	89.1	0	0 speed convictions
24	8.2	1	1 speed conviction
3	1.0	2	2 speed convictions
1	0.3	4	4 speed convictions
4	1.4	99	Unknown

Variable	Name	Format	Type	Length
v220	NUM PREV OTHER MV CONV	FNOPOTH	Numeric	3

NUMBER OF PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

N	Prcnt	Code	Label
248	84.6	0	0 other convictions
36	12.3	1	1 other conviction
5	1.7	2	2 other convictions
4	1.4	99	Unknown

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

LAST ACCIDENT/SUSPENSION/CONVICTION – MONTH

N	Prcnt	Code	Label
177	60.4	0	No record

N	Prcnt	Code	Label
8	2.7	1	January
5	1.7	2	February
14	4.8	3	March
8	2.7	4	April
10	3.4	5	May
5	1.7	6	June
14	4.8	7	July
9	3.1	8	August
10	3.4	9	September
9	3.1	10	October
7	2.4	11	November
13	4.4	12	December
4	1.4	99	Unknown

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

LAST ACCIDENT/SUSPENSION/CONVICTION – YEAR

N	Prcnt	Code	Label
177	60.4	0	No record
6	2.0	2005	2005
34	11.6	2006	2006
44	15.0	2007	2007
28	9.6	2008	2008
4	1.4	9999	Unknown

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

FIRST ACCIDENT/SUSPENSION/CONVICTION – MONTH

N	Prcnt	Code	Label
177	60.4	0	No record
8	2.7	1	January
5	1.7	2	February
12	4.1	3	March
7	2.4	4	April
10	3.4	5	May

N	Prcnt	Code	Label
8	2.7	6	June
12	4.1	7	July
11	3.8	8	August
12	4.1	9	September
8	2.7	10	October
8	2.7	11	November
11	3.8	12	December
4	1.4	99	Unknown

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

FIRST ACCIDENT/SUSPENSION/CONVICTION – YEAR

N	Prcnt	Code	Label
177	60.4	0	No record
19	6.5	2005	2005
39	13.3	2006	2006
39	13.3	2007	2007
15	5.1	2008	2008
4	1.4	9999	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #1

N	Prcnt	Code	Label
201	68.6	0	None
			Physical/mental condition
1	0.3	1	Drowsy, sleepy, asleep, fatigued
0	0.0	2	Ill, passed out/blackout
0	0.0	3	Emotional (e.g., depression, angry, disturbed)
0	0.0	4	Reaction to or failure to take drugs/medication
0	0.0	5	Under the influence of alcohol, drugs or medication
13	4.4	6	Careless/inattentive
0	0.0	7	Restricted to wheelchair
0	0.0	8	Aggressive driving/road rage

N	Prcnt	Code	Label
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
0	0.0	20	Leaving vehicle unattended with engine running
1	0.3	21	Overloading/improper loading of vehicle with passengers or cargo
0	0.0	22	Towing or pushing improperly
1	0.3	23	Failing to dim lights or to have lights on when required
0	0.0	24	Operating without required equipment
1	0.3	26	Following improperly
0	0.0	27	Improper or erratic lane changing
7	2.4	28	Failure to keep in proper lane
1	0.3	29	Illegal driving on road shoulder, ditch, sidewalk, median
0	0.0	30	Making improper entry to or exit from trafficway
1	0.3	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	Passing with insufficient distance/inadequate visibility; failing to yield to overtaking vehicle
2	0.7	36	Operating vehicle in an erratic, reckless, negligent manner
25	8.5	38	Failure to yield right-of-way
3	1.0	39	Failure to obey traffic signs, control devices, officers, etc.
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
0	0.0	42	Failure to signal intentions
2	0.7	43	Driving too fast for conditions
4	1.4	44	Driving in excess of posted maximum
0	0.0	45	Driving less than posted minimum
0	0.0	46	Racing

N	Prcnt	Code	Label
0	0.0	47	Making right turn from left turn lane; or left turn from right turn lane
4	1.4	48	Making other improper turn
0	0.0	50	Driving wrong way in one-way traffic
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	Underriding 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:
0	0.0	61	Rain, snow, fog, smoke, sand, dust
1	0.3	62	Reflected glare, bright sunlight, headlights
0	0.0	63	Curve, hill, design features (including traffic signs, embankment)
0	0.0	64	Building, billboard, other structures
1	0.3	65	Trees, crops, vegetation
0	0.0	66	Motor vehicle (including load)
0	0.0	67	Parked vehicle
0	0.0	68	Splash or spray of passing vehicle
0	0.0	69	Inadequate defrost or defog system
0	0.0	70	Inadequate lighting system
1	0.3	71	Obstructing angles on vehicle
0	0.0	72	Mirrors
0	0.0	75	Broken or improperly cleaned windshield
1	0.3	76	Other visual obstruction
			Avoiding, swerving, or sliding due to:
0	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
0	0.0	79	Slippery or loose surface
2	0.7	80	Tire blow-out or flat
0	0.0	81	Debris or objects in road
0	0.0	82	Ruts, holes, bumps in road
1	0.3	83	Live animals in road
0	0.0	84	Vehicle in road

N	Prcnt	Code	Label
0	0.0	85	Phantom vehicle
0	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
3	1.0	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 with learner's permit/intermediate driver license restrictions
2	0.7	74	Driver not complied with physical/other imposed restrictions
1	0.3	89	Hauling hazardous material improperly
2	0.7	90	Hit and run vehicle, driver
1	0.3	91	Nontraffic violation charged - manslaughter, homicide, other
3	1.0	92	Other nonmoving traffic violations
			Possible distractions (inside vehicle)
3	1.0	93	Cellular phone present in vehicle
1	0.3	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
3	1.0	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #2

N	Prcnt	Code	Label
264	90.1	0	None
			Physical/mental condition
1	0.3	1	Drowsy, sleepy, asleep, fatigued
1	0.3	2	Ill, passed out/blackout
1	0.3	6	Careless/inattentive
			Miscellaneous causes
1	0.3	23	Failing to dim lights or to have lights on when required

N	Prcnt	Code	Label
1	0.3	24	Operating without required equipment
4	1.4	28	Failure to keep in proper lane
5	1.7	38	Failure to yield right-of-way
1	0.3	39	Failure to obey traffic signs, control devices, officers, etc.
2	0.7	44	Driving in excess of posted maximum
1	0.3	48	Making other improper turn
2	0.7	58	Overcorrecting
			Vision obscured by:
1	0.3	61	Rain, snow, fog, smoke, sand, dust
1	0.3	71	Obstructing angles on vehicle
			Possible distractions (inside vehicle)
3	1.0	93	Cellular phone present in vehicle
1	0.3	97	Two-way radio
3	1.0	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #3

N	Prcnt	Code	Label
284	96.9	0	None
			Physical/mental condition
1	0.3	6	Careless/inattentive
			Miscellaneous causes
1	0.3	28	Failure to keep in proper lane
1	0.3	32	Opening closure into moving traffic or while vehicle is in motion
1	0.3	35	Passing with insufficient distance/inadequate visibility; failing to yield to overtaking vehicle
1	0.3	39	Failure to obey traffic signs, control devices, officers, etc.
1	0.3	58	Overcorrecting
3	1.0	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #4

N	Prcnt	Code	Label
289	98.6	0	None
			Avoiding, swerving, or sliding due to:
1	0.3	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
3	1.0	99	Unknown

Variable	Name	Format	Type	Length
v231	VIOLATIONS CHARGED#1	FVCHG97F	Numeric	3

N	Prcnt	Code	Label
262	89.4	0	None
			Reckless/careless/hit-and-run type offenses
6	2.0	1	Manslaughter or homicide
0	0.0	2	Willful reckless driving; driving to endanger; negligent driving
0	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
3	1.0	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, information, wait for police after accident
0	0.0	9	Serious violation resulting in death
			Impairment offenses
0	0.0	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
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

N	Prcnt	Code	Label
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
0	0.0	22	Speeding (above the speed limit)
0	0.0	23	Speed greater than reasonable and prudent (not necessarily over the limit)
0	0.0	24	Exceed special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
0	0.0	25	Energy speed (exceeding 55 MPH, non-pointable)
0	0.0	26	Driving too slowly
1	0.3	29	Speed related violations, generally
			Rules of the road – traffic sign and signals
0	0.0	31	Fail to stop for red signal
0	0.0	32	Fail to stop for flashing red
2	0.7	33	Violation of turn on red (fail to stop and yield; yield to pedestrians before turning)
0	0.0	34	Fail to obey flashing signal (yellow or red)
0	0.0	35	Fail to obey signal generally
0	0.0	36	Violate railroad grade crossing device/regulations
2	0.7	37	Fail to obey stop sign
0	0.0	38	Fail to obey yield sign
0	0.0	39	Fail to obey traffic control device
			Rules of the road – turning, yielding, signaling
0	0.0	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
0	0.0	42	Improper method and 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
8	2.7	46	Fail to yield, generally
0	0.0	48	Enter intersection when space insufficient
1	0.3	49	Turn, yield, signaling violations, generally
			Rules of the road – wrong side, passing and 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

N	Prcnt	Code	Label
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
1	0.3	58	Following too closely
0	0.0	59	Wrong side, passing, following violations, generally
			Rules of the road – lane usage
0	0.0	61	Unsafe or prohibited lane change
0	0.0	62	Improper use of lane (enter of 3-lane road, high occupancy vehicle designated lane)
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcyclist attached to another vehicle
1	0.3	69	Lane violations, generally
			Non-moving – license and registration violations
0	0.0	71	Driving while license withdrawn (including violation 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
1	0.3	79	Non-moving violations, generally
			Equipment
0	0.0	81	Lamp violations
0	0.0	82	Brake violations
0	0.0	83	Failure to require restraint use (by self or passengers)
0	0.0	84	Motorcycle equipment violations (helmet, special equipment)
0	0.0	85	Violation of hazardous cargo regulations
0	0.0	86	Size, weight, load violations
0	0.0	89	Equipment violations, generally
			Other violations
0	0.0	91	Parking
0	0.0	92	Theft, unauthorized use of motor vehicle
0	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)

N	Prcnt	Code	Label
0	0.0	98	Other moving violation (coasting, backing, opening door)
4	1.4	99	Unknown violation

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

N	Prcnt	Code	Label
286	97.6	0	None
			Speed-related offenses
1	0.3	23	Speed greater than reasonable and prudent (not necessarily
			Rules of the road – turning, yielding, signaling
1	0.3	46	Fail to yield, generally
			Non-moving – license and registration violations
2	0.7	73	Commercial driver violations (log book, hours, permits carried)
3	1.0	99	Unknown violation

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

N	Prcnt	Code	Label
290	99.0	0	None
3	1.0	99	Unknown violation

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

N	Prcnt	Code	Label
2	0.7	59	
		-	Actual height in inches
1	0.3	78	
7	2.4	99	Unknown

Variable	Name	Format	Type	Length
v236	DRIVER WEIGHT		Numeric	3

N	Prcnt	Code	Label
4	1.4	120	
		-	Actual weight in pounds
1	0.3	325	
93	31.7	999	Unknown

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

N	Prcnt	Code	Label
293	100.0	1	Occupant #1

Variable	Name	Format	Type	Length
v308	OCCUPANT AGE	FOCCAGE	Numeric	3

N	Prcnt	Code	Label
1	0.3	21	21 years
3	1.0	24	24 years
2	0.7	25	25 years
2	0.7	26	26 years
4	1.4	28	28 years
2	0.7	30	30 years
4	1.4	31	31 years
3	1.0	32	32 years
3	1.0	33	33 years
1	0.3	34	34 years
6	2.0	35	35 years
5	1.7	36	36 years
6	2.0	37	37 years
6	2.0	38	38 years
10	3.4	39	39 years
6	2.0	40	40 years
7	2.4	41	41 years
8	2.7	42	42 years
7	2.4	43	43 years
7	2.4	44	44 years
7	2.4	45	45 years
6	2.0	46	46 years
6	2.0	47	47 years
13	4.4	48	48 years
11	3.8	49	49 years

N	Prcnt	Code	Label
6	2.0	50	50 years
7	2.4	51	51 years
9	3.1	52	52 years
14	4.8	53	53 years
11	3.8	54	54 years
13	4.4	55	55 years
9	3.1	56	56 years
9	3.1	57	57 years
7	2.4	58	58 years
8	2.7	59	59 years
8	2.7	60	60 years
6	2.0	61	61 years
6	2.0	62	62 years
4	1.4	63	63 years
5	1.7	64	64 years
6	2.0	65	65 years
2	0.7	66	66 years
5	1.7	67	67 years
2	0.7	68	68 years
5	1.7	69	69 years
4	1.4	70	70 years
3	1.0	71	71 years
2	0.7	74	74 years
3	1.0	75	75 years
3	1.0	99	Unknown

Variable	Name	Format	Type	Length
v309	OCCUPANT SEX	FSEXX	Numeric	3

N	Prcnt	Code	Label
175	59.7	1	Male
116	39.6	2	Female
2	0.7	9	Unknown

Variable	Name	Format	Type	Length
v310	OCCUPANT TYPE	FPTYP94F	Numeric	3

N	Prcnt	Code	Label
293	100.0	1	Driver of a motor vehicle in-transport

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

OCCUPANT SEATING POSITION

N	Prcnt	Code	Label
293	100.0	11	Front seat - left side (driver's side)

Variable	Name	Format	Type	Length
v312	RESTRAINT SYSTEM USE	FRUSE08F	Numeric	3

N	Prcnt	Code	Label
13	4.4	0	None used/not applicable - not a motor vehicle occupant
4	1.4	1	Shoulder belt
28	9.6	2	Lap belt
227	77.5	3	Lap and shoulder belt
21	7.2	99	Unknown

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

AIR BAG AVAILABILITY – DEPLOYMENT

N	Prcnt	Code	Label
			Deployed (for this seat)
9	3.1	1	From the front (steering wheel, dashboard)
0	0.0	2	From the side (door, seat, canopy)
0	0.0	7	From other direction (knee, airbelt, etc.)
0	0.0	8	From multiple direction
0	0.0	9	From unknown direction

N	Prcnt	Code	Label
			Not deployed (for this seat)
18	6.1	20	Airbag available – no deployment
0	0.0	28	Airbag available – switched off
			Unknown if deployed
5	1.7	29	Airbag available – unknown if deployed
			Not available
260	88.7	30	Not available (this seat)
0	0.0	31	Previously deployed/not replaced
0	0.0	32	Disabled/removed
1	0.3	99	Unknown if airbag available (for this seat)

Variable	Name	Format	Type	Length
v314	OCCUPANT EJECTION	FEJEC07F	Numeric	3

N	Prcnt	Code	Label
289	98.6	0	Not ejected
3	1.0	1	Totally ejected
1	0.3	9	Unknown

Variable	Name	Format	Type	Length
v315	EJECTION PATH	FEPATH	Numeric	3

N	Prcnt	Code	Label
289	98.6	0	Not ejected – not applicable
1	0.3	1	Side door opening
0	0.0	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)
3	1.0	9	Unknown/unknown path

Variable	Name	Format	Type	Length
v316	OCCUPANT EXTRICATION	FEXTR	Numeric	3

N	Prcnt	Code	Label
287	98.0	0	Not extricated - not applicable
4	1.4	1	Extricated
2	0.7	9	Unknown

Variable	Name	Format	Type	Length
v321	DRUG INVOLVEMENT	FDRUGS	Numeric	3

POLICE REPORTED OTHER DRUG INVOLVEMENT

N	Prcnt	Code	Label
104	35.5	0	No (other drugs not involved)
0	0.0	1	Yes (other drugs involved)
176	60.1	8	Not reported
13	4.4	9	Unknown (police reported as unknown)

Variable	Name	Format	Type	Length
v322	DRUG DETERMINATION	FDRUGDET	Numeric	3

METHOD OTHER DRUG DETERMINATION (POLICE)

N	Prcnt	Code	Label
20	6.8	1	Evidential test (blood, urine)
4	1.4	2	Drug Recognition Technician determined
3	1.0	3	Behavioral
16	5.5	7	Other
250	85.3	8	Not reported

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

N	Prcnt	Code	Label
200	68.3	0	Not tested for drugs
52	17.7	1	Blood test
10	3.4	2	Urine test

N	Prcnt	Code	Label
1	0.3	3	Blood and urine tests
1	0.3	7	Unknown test type
29	9.9	9	Unknown if tested for drugs

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

N	Prcnt	Code	Label
200	68.3	0	Not tested for drugs
44	15.0	1	No drugs reported
0	0.0	100 - 295	Narcotic drug
0	0.0	300 - 395	Depressant drug
0	0.0	401 - 495	Stimulant drug
0	0.0	500 - 595	Hallucinogen drug
0	0.0	600 - 695	Cannabinoid drug
0	0.0	700 - 795	Phencyclidine (PCP)
0	0.0	800 - 895	Anabolic steroid

N	Prcnt	Code	Label
0	0.0	900	
		-	Inhalant drug
0	0.0	995	
3	1.0	996	Other drug
14	4.8	997	Tested for drugs, results unknown
1	0.3	998	Tested for drugs, drugs found, type unknown
29	9.9	999	Unknown if tested for drugs

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

N	Prcnt	Code	Label
263	89.8	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
0	0.0	7	Unknown test type
0	0.0	8	Other type test
27	9.2	9	Unknown if tested for drugs

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

N	Prcnt	Code	Label
263	89.8	0	Not tested for drugs
2	0.7	1	No drugs reported
1	0.3	996	Other drug
0	0.0	997	Tested for drugs, results unknown
0	0.0	998	Tested for drugs, drugs found, type unknown
27	9.2	999	Unknown if tested for drugs

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

N	Prcnt	Code	Label
264	90.1	0	Not tested for drugs
2	0.7	1	Blood test
0	0.0	2	Urine test
0	0.0	3	Blood and urine tests
0	0.0	7	Unknown test type
0	0.0	8	Other type test
27	9.2	9	Unknown if tested for drugs

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

N	Prcnt	Code	Label
264	90.1	0	Not tested for drugs
2	0.7	1	No drugs reported
0	0.0	996	Other drug
0	0.0	997	Tested for drugs, results unknown
0	0.0	998	Tested for drugs, drugs found, type unknown
27	9.2	999	Unknown if tested for drugs

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

N	Prcnt	Code	Label
177	60.4	0	O - no injury
48	16.4	1	C - possible injury
41	14.0	2	B - nonincapacitating evident injury
18	6.1	3	A - incapacitating injury
6	2.0	4	K - fatal injury
1	0.3	5	Injured, severity unknown
0	0.0	6	Died prior to accident
2	0.7	9	Unknown

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

TRANSPORTED FOR TREATMENT BY

N	Prcnt	Code	Label
205	70.0	0	Not transported
82	28.0	1	Yes, emergency medical services
1	0.3	2	Yes, law enforcement
3	1.0	3	Yes, other
2	0.7	9	Unknown

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

OCCUPANT DEATH DATE – MONTH

N	Prcnt	Code	Label
287	98.0	0	Not applicable
1	0.3	3	March
1	0.3	4	April
1	0.3	5	May
1	0.3	9	September
1	0.3	10	October
1	0.3	12	December

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

OCCUPANT DEATH DATE – DAY

N	Prcnt	Code	Label
287	98.0	0	Not applicable
1	0.3	2	
		-	Day of month
1	0.3	28	

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

OCCUPANT DEATH DATE – YEAR

N	Prcnt	Code	Label
287	98.0	0	Not applicable
6	2.0	2008	2008

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

OCCUPANT DEATH TIME – HOURS

N	Prcnt	Code	Label
287	98.0	0	12:01 am - 12:59 am or not applicable
1	0.3	5	5:00 am - 5:59 am
1	0.3	6	6:00 am - 6:59 am
1	0.3	9	9:00 am - 9:59 am
1	0.3	10	10:00 am - 10:59 am
1	0.3	17	5:00 pm - 5:59 pm
1	0.3	22	10:00 pm - 10:59 pm

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

OCCUPANT DEATH TIME – MINUTES

N	Prcnt	Code	Label
288	98.3	0	
		-	Minute
2	0.7	40	

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

LAG TIME BETWEEN ACCIDENT AND DEATH -- HOURS

N	Prcnt	Code	Label
4	1.4	0	
		-	Actual time in hours
1	0.3	200	
287	98.0	999	Unknown

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

OCCUPANT FATAL INJURY AT WORK

N	Prcnt	Code	Label
1	0.3	0	No
5	1.7	1	Yes
287	98.0	8	Not applicable (not a fatality)

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

OCCUPANT ALCOHOL INVOLVEMENT

N	Prcnt	Code	Label
207	70.6	0	No (alcohol not involved)
2	0.7	1	Yes (alcohol involved)
71	24.2	8	Not reported
13	4.4	9	Unknown (police reported)

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

METHOD OF ALCOHOL DETERMINATION (POLICE)

N	Prcnt	Code	Label
38	13.0	1	Evidential test (breath, blood, urine)
4	1.4	2	Preliminary Breath Test

N	Prcnt	Code	Label
1	0.3	3	Behavioral
0	0.0	4	Passive Alcohol Sensor
35	11.9	5	Observed
0	0.0	8	Other (e.g., saliva test)
215	73.4	9	Not reported

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

N	Prcnt	Code	Label
179	61.1	0	Not tested for alcohol
71	24.2	1	Whole blood
7	2.4	2	Breathalyzer
3	1.0	3	Urine
0	0.0	4	Vitreous
0	0.0	5	Blood plasma/serum
0	0.0	6	Blood clot
0	0.0	7	Liver
0	0.0	8	Other test type
9	3.1	10	Preliminary Breath Test
24	8.2	99	Unknown/not reported

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

OCCUPANT ALCOHOL TEST RESULT

N	Prcnt	Code	Label
81	27.6	0	Blood alcohol test result < 0.01%
0	0.0	94	.94 or greater
0	0.0	95	Test refused
179	61.1	96	None given
10	3.4	97	Alcohol test performed, results unknown
0	0.0	98	Positive reading with no actual value
23	7.8	99	Unknown if tested

Variable	Name	Format	Type	Length
v361	RACE	FRACE	Numeric	3

N	Prcnt	Code	Label
286	97.6	0	Not a fatality (not applicable)
3	1.0	1	White
3	1.0	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 (includes South Central America, not American/Asian Indians)
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
1	0.3	99	Unknown

Variable	Name	Format	Type	Length
v362	HISPANIC ORIGIN	FHISPAN	Numeric	3

N	Prcnt	Code	Label
286	97.6	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
0	0.0	6	Hispanic, origin not specified or other origin

N	Prcnt	Code	Label
6	2.0	7	Non-Hispanic
1	0.3	99	Unknown

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

OCCUPANT DEAD ON ARRIVAL

N	Prcnt	Code	Label
288	98.3	0	Not applicable (non-fatals/victims dying other than scene)
5	1.7	7	Died at scene
0	0.0	8	Died en route
0	0.0	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

N	Prcnt	Code	Label
2	0.7	7	Dodge
33	11.3	12	Ford
8	2.7	20	Chevrolet
10	3.4	23	GMC
14	4.8	82	Freightliner
71	24.2	84	International Harvester
20	6.8	90	Blue Bird
27	9.2	92	Gillig
17	5.8	93	MCI
15	5.1	94	Thomas Built
4	1.4	111	Flxible/Grumman Flxible
2	0.7	112	Neoplan
8	2.7	113	New Flyer
8	2.7	116	Orion
6	2.0	117	Prevost
7	2.4	118	Van Hool
9	3.1	201	NABI
9	3.1	202	Nova
16	5.5	998	Other
7	2.4	999	Unknown

Variable	Name	Format	Type	Length
v1130	MODEL YEAR	V1130_F	Numeric	4

N	Prcnt	Code	Label
1	0.3	1982	1982
2	0.7	1985	1985
1	0.3	1986	1986
1	0.3	1987	1987
1	0.3	1988	1988
2	0.7	1989	1989

N	Prcnt	Code	Label
3	1.0	1990	1990
3	1.0	1991	1991
1	0.3	1992	1992
5	1.7	1993	1993
6	2.0	1994	1994
16	5.5	1995	1995
10	3.4	1996	1996
17	5.8	1997	1997
19	6.5	1998	1998
19	6.5	1999	1999
23	7.8	2000	2000
26	8.9	2001	2001
22	7.5	2002	2002
11	3.8	2003	2003
19	6.5	2004	2004
13	4.4	2005	2005
26	8.9	2006	2006
25	8.5	2007	2007
11	3.8	2008	2008
3	1.0	2009	2009
7	2.4	9999	Unknown

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

N	Prcnt	Code	Label
123	42.0	1	Conventional hood
163	55.6	2	Flat front
7	2.4	9	Unknown

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

N	Prcnt	Code	Label
1	0.3	102C3	
		-	Model name or number
1	0.3	XB	

Variable	Name	Format	Type	Length
v1180	BUS TYPE	V1180_F	Numeric	4

N	Prcnt	Code	Label
9	3.1	1	Type A school bus
70	23.9	3	Type C school bus
44	15.0	4	Type D school bus
83	28.3	5	Flat front (like transit or shuttle)
14	4.8	6	Big cowl and chassis
36	12.3	7	High platform
18	6.1	8	Small cowl and chassis
9	3.1	9	Van
4	1.4	98	Other
6	2.0	99	Unknown

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

N	Prcnt	Label
1	0.3	Alternative fuel heavy-duty transit bus
2	0.7	Articulated heavy-duty transit bus
1	0.3	Articulated heavy-duty transit bus 519 WB
1	0.3	Articulated heavy-duty transit bus 995 WB
4	1.4	Conventional hood bus
1	0.3	Conventional hood bus with cargo box
64	21.8	Heavy-duty transit bus
7	2.4	Large passenger van
1	0.3	Large passenger van outfitted as school bus
1	0.3	Large passenger van with cargo trailer
33	11.3	Long-distance coach
2	0.7	Long-distance commuter coach
1	0.3	Medium-duty limousine bus
6	2.0	Medium-duty shuttle bus
1	0.3	Medium-duty tour bus
1	0.3	Open-top double-decked sightseeing bus
3	1.0	Recycled school bus
109	37.2	School bus
12	4.1	Shuttle bus
7	2.4	Small paratransit shuttle bus

N	Prcnt	Label
8	2.7	Small school bus
9	3.1	Small shuttle bus
1	0.3	Small special needs school bus
5	1.7	Special needs school bus
1	0.3	Special needs shuttle bus
2	0.7	Stretch limousine
1	0.3	Stretch pickup truck limousine
1	0.3	Touring coach
1	0.3	Trolley replica bus
6	2.0	Unknown

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

N	Prcnt	Code	Label
247	84.3	2	2 axles
38	13.0	3	3 axles
8	2.7	9	Unknown

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

N	Prcnt	Code	Label
3	1.0	8	8 seats
3	1.0	9	9 seats
2	0.7	10	10 seats
3	1.0	11	11 seats
3	1.0	12	12 seats
1	0.3	13	13 seats
11	3.8	14	14 seats
3	1.0	15	15 seats
2	0.7	16	16 seats
1	0.3	18	18 seats
2	0.7	19	19 seats
4	1.4	20	20 seats
3	1.0	21	21 seats
2	0.7	22	22 seats

N	Prcnt	Code	Label
1	0.3	23	23 seats
4	1.4	24	24 seats
5	1.7	25	25 seats
2	0.7	26	26 seats
1	0.3	27	27 seats
3	1.0	28	28 seats
5	1.7	29	29 seats
3	1.0	30	30 seats
2	0.7	31	31 seats
3	1.0	32	32 seats
5	1.7	34	34 seats
8	2.7	35	35 seats
3	1.0	36	36 seats
4	1.4	37	37 seats
8	2.7	38	38 seats
3	1.0	39	39 seats
10	3.4	40	40 seats
1	0.3	42	42 seats
10	3.4	43	43 seats
2	0.7	44	44 seats
6	2.0	45	45 seats
1	0.3	46	46 seats
3	1.0	47	47 seats
3	1.0	48	48 seats
1	0.3	49	49 seats
2	0.7	50	50 seats
1	0.3	51	51 seats
4	1.4	52	52 seats
5	1.7	54	54 seats
10	3.4	55	55 seats
6	2.0	56	56 seats
6	2.0	57	57 seats
3	1.0	58	58 seats
2	0.7	59	59 seats
5	1.7	60	60 seats
2	0.7	64	64 seats
15	5.1	65	65 seats
10	3.4	66	66 seats
7	2.4	71	71 seats

N	Prcnt	Code	Label
15	5.1	72	72 seats
5	1.7	74	74 seats
1	0.3	75	75 seats
5	1.7	77	77 seats
6	2.0	78	78 seats
1	0.3	81	81 seats
2	0.7	83	83 seats
12	4.1	84	84 seats
1	0.3	89	89 seats
19	6.5	996	15 or more seats
8	2.7	999	Unknown

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

N	Prcnt	Label
1	0.3	Airport shuttle service
1	0.3	Casino shuttle and charter service
3	1.0	Casino shuttle service
20	6.8	Charter service
1	0.3	Charter service for church trip
1	0.3	Charter service for military personnel
1	0.3	Charter service for school band trip
1	0.3	Child development center transportation
4	1.4	Church use
1	0.3	Church use for casino trip
1	0.3	Church use for choir trip
1	0.3	College transporting wrestling team
1	0.3	Community service organization
1	0.3	Commuter service
1	0.3	Commuter shuttle service
1	0.3	Contracted carrier for private school
27	9.2	Contracted carrier for school district
1	0.3	Contracted carrier for transit authority
1	0.3	County agency for developmentally disabled
1	0.3	County department of corrections
1	0.3	County medical center
2	0.7	Day care center transportation

N	Prcnt	Label
1	0.3	Dealer delivering bus
1	0.3	Drive away company delivering new bus
1	0.3	Employee shuttle
1	0.3	Employee transportation
3	1.0	Farm labor transportation
2	0.7	Funeral home
1	0.3	Individually-owned bus providing school transport
1	0.3	Intercity service for train passengers
4	1.4	Interstate passenger and express freight
3	1.0	Interstate passenger service
1	0.3	Musical group touring transportation
1	0.3	National armed services division
1	0.3	Non-profit after school program
1	0.3	Non-profit community action agency
1	0.3	Non-profit senior citizen service agency
1	0.3	Nursing home resident transportation
1	0.3	Paratransit contractor for city
1	0.3	Private camp attendee transportation
88	30.0	Public school district
1	0.3	Public school district athletic team transport
3	1.0	Public school department of education
3	1.0	Scheduled route and paratransit regional urban area
1	0.3	Scheduled route and paratransit regional area
1	0.3	Scheduled route regional area
67	22.9	Scheduled route regional urban area
13	4.4	Scheduled route urban area
1	0.3	Shuttle service
2	0.7	Sightseeing charter service
1	0.3	Special needs transportation provider
2	0.7	State department of corrections
10	3.4	Unknown
1	0.3	Vanpool operation of regional transit

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

N	Prcnt	Code	Label
92	31.4	1	School district

N	Prcnt	Code	Label
86	29.4	2	Urban transit authority
9	3.1	3	Scheduled intercity
27	9.2	4	Charter bus
4	1.4	5	Private company (not passenger transport)
10	3.4	6	Non-government organization
5	1.7	7	Non-educational unit of government
1	0.3	8	Private individual for personal transportation
28	9.6	9	Contractor for school district
21	7.2	98	Other
10	3.4	99	Unknown

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

N	Prcnt	Code	Label
116	39.6	1	Interstate
162	55.3	2	Intrastate
15	5.1	9	Unknown

Variable	Name	Format	Type	Length
v1370	OPERATING AUTHORITY	V1370_F	Numeric	4

N	Prcnt	Code	Label
26	8.9	1	Private
76	25.9	2	For hire
184	62.8	3	Government owned
7	2.4	9	Unknown

Variable	Name	Format	Type	Length
v1380	TRIP TYPE	V1380_F	Numeric	4

N	Prcnt	Code	Label
232	79.2	1	Local
12	4.1	2	51 to 100 miles
2	0.7	3	101 to 150 miles
4	1.4	4	151 to 200 miles
13	4.4	5	201 to 500 miles

N	Prcnt	Code	Label
11	3.8	6	Over 500 miles
2	0.7	7	Unknown over-the-road trip distance
17	5.8	9	Unknown

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

N	Prcnt	Code	Label
53	18.1	1	1 hour
41	14.0	2	2 hours
43	14.7	3	3 hours
30	10.2	4	4 hours
25	8.5	5	5 hours
24	8.2	6	6 hours
6	2.0	7	7 hours
6	2.0	8	8 hours
4	1.4	9	9 hours
1	0.3	10	10 hours
1	0.3	16	16 hours
1	0.3	19	19 hours
8	2.7	96	96 Unknown, but under legal limit
50	17.1	99	Unknown

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

N	Prcnt	Code	Label
191	65.2	1	Yes
58	19.8	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
7	2.4	1	Yes

N	Prcnt	Code	Label
242	82.6	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
1	0.3	1	Yes
248	84.6	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
0	0.0	1	Yes
249	85.0	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
12	4.1	1	Yes
237	80.9	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
2	0.7	1	Yes
247	84.3	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
6	2.0	1	Yes
243	82.9	2	No
44	15.0	9	Unknown

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

DRIVER'S PRIMARY EMPLOYMENT IS NOT AS A BUS DRIVER

N	Prcnt	Code	Label
9	3.1	1	Yes
240	81.9	2	No
44	15.0	9	Unknown

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

N	Prcnt	Code	Label
32	10.9	1	Yes
217	74.1	2	No
44	15.0	9	Unknown

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

COMPENSATION METHOD

N	Prcnt	Label
1	0.3	Bus mechanic serving as relief driver
1	0.3	Charter operator transferring bus to dealer
3	1.0	Church volunteer
205	70.0	Compensation coded
3	1.0	Driver is also corrections officer
1	0.3	Driver is also member of national armed services

N	Prcnt	Label
1	0.3	Driver is also musician in touring group
1	0.3	Driver is also oil field worker for company
1	0.3	Driver is also owner of charter bus company
1	0.3	Driver is member of van pool
11	3.8	Paid by day
1	0.3	Paid by day plus mileage
5	1.7	Paid by route
1	0.3	Paid by route plus mileage
2	0.7	Paid by run
6	2.0	Paid by trip
1	0.3	Paid by trip plus mileage
1	0.3	Paid flat rate plus mileage
1	0.3	Paid on commission – percentage of contract
1	0.3	Parents pay bus owner/driver for school transport
1	0.3	Teacher also paid monthly stipend for driving
44	15.0	Unknown

Variable	Name	Format	Type	Length
v1710	ACCIDENT TYPE	V1710_F	Numeric	4

N	Prcnt	Code	Label
0	0.0	0	No impact
5	1.7	1	Drive off road, right
		-	Diagram number (see appendix)
3	1.0	97	Untripped rollover
45	15.4	98	Other accident type
7	2.4	99	Unknown

Variable	Name	Format	Type	Length
v1720	PEDESTRIAN FATALITY	V1720_F	Numeric	4

N	Prcnt	Code	Label
4	1.4	1	Discharged passenger
4	1.4	2	Intended passenger
76	25.9	3	Not related to bus
200	68.3	97	No non-motorist involvement

N	Prcnt	Code	Label
1	0.3	98	Other
8	2.7	99	Unknown

Variable	Name	Format	Type	Length
v1830	INTERVIEW CONDUCTED	V1830_F	Numeric	4

N	Prcnt	Code	Label
247	84.3	1	Yes
46	15.7	2	No

Variable	Name	Format	Type	Length
v1840	POLICE REPORT	V1840_F	Numeric	4

N	Prcnt	Code	Label
281	95.9	1	Yes
12	4.1	2	No

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

INFORMATION RECEIVED BY FAX OR MAIL

N	Prcnt	Code	Label
62	21.2	1	Yes
231	78.8	2	No

Variables 1861 through 1865 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

FIRST QUESTION DERIVED

N	Prcnt	Code	Label
289	98.6	0	None
1	0.3	11	Question 11

N	Prcnt	Code	Label
1	0.3	15	Question 15
2	0.7	18	Question 18

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

SECOND QUESTION DERIVED

N	Prcnt	Code	Label
293	100.0	0	None

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

THIRD QUESTION DERIVED

N	Prcnt	Code	Label
293	100.0	0	None

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

FOURTH QUESTION DERIVED

N	Prcnt	Code	Label
293	100.0	0	None

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

FIFTH QUESTION DERIVED

N	Prcnt	Code	Label
293	100.0	0	None

SURVEY Variables for Vehicles Not In-Transport

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

N	Prcnt	Code	Label
3	50.0	1	Conventional hood
3	50.0	2	Flat front

Variable	Name	Format	Type	Length
v1180	BUS TYPE	V1180_F	Numeric	4

N	Prcnt	Code	Label
2	33.3	3	Type C school bus
1	16.7	5	Flat front (like transit or shuttle)
2	33.3	7	High platform
1	16.7	8	Small cowl and chassis

APPENDIX

ACCIDENT TYPES (INCLUDES INTENT)

CATEGORY	CONFIGURATION			
I SINGLE DRIVER	A. RIGHT ROADSIDE DEPARTURE	1 DRIVE OFF ROAD; 2 CONTROL/ TRACTION LOSS; 3 AVOID COLLISION W/ VEHICLE, PEDESTRIAN, ANIMAL	4 SPECIFICS OTHER	5 SPECIFICS UNKNOWN
	B. LEFT ROADSIDE DEPARTURE	6 DRIVE OFF ROAD; 7 CONTROL/ TRACTION LOSS; 8 AVOID COLLISION W/VEHICLE, PEDESTRIAN, ANIMAL	9 SPECIFICS OTHER	10 SPECIFICS UNKNOWN
	C. FORWARD IMPACT	11 PARKED VEHICLE; 12 STATIONARY OBJECT; 13 PEDESTRIAN ANIMAL; 14 END DEPARTURE	15 SPECIFICS OTHER	16 SPECIFICS UNKNOWN
II SAME TRAFFICWAY SAME DIRECTION	D. REAR-END	20 STOPPED 21,22,23; 21 22 23; 24 SLOWER 25,26,27; 25 26 27; 28 DECELERATING 29,30,31; 29 30 31	(EACH - 32) SPECIFICS OTHER	(EACH - 33) SPECIFICS UNKNOWN
	E. FORWARD IMPACT	34 CONTROL/ TRACTION LOSS; 35; 36 CONTROL/ TRACTION LOSS; 37; 38 AVOID COLLISION WITH VEHICLE; 39; 40 AVOID COLLISION WITH OBJECT; 41	(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	54 CONTROL/ TRACTION LOSS; 55; 56 CONTROL/ TRACTION LOSS; 57; 58 AVOID COLLISION WITH VEHICLE; 59; 60 AVOID COLLISION WITH OBJECT; 61	(EACH - 62) SPECIFICS OTHER	(EACH - 63) SPECIFICS UNKNOWN
	I. SIDESWIPE/ ANGLE	64 LATERAL MOVE; 65	(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; 73 INITIAL SAME DIRECTION	(EACH - 74) SPECIFICS OTHER	(EACH - 75) SPECIFICS UNKNOWN
	K. TURN INTO PATH	76; 77; 78; 79 TURN INTO SAME DIRECTION; 80; 81; 82; 83 TURN IN OPPOSITE DIRECTIONS	(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 ____ / ____ / 2008
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 _____ *(Specify)*	[ ]	998

9-11

6. Front of Bus:

Conventional hood	[ ] 1
Flat Front	[ ] 2
Other _____ *(Specify)*	[ ] 8

16

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

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 _____ *(Specify)*	[ ]	98

27-28

9. Describe the Bus:

[29][30][31][32][33][34][35][36][37][38][39][40][41][42][43][44][45][46][47][48][49][50][51][52] (editor)

[53][54][55][56][57][58][59][60][61][62][63][64][65][66][67][68][69][70][71][72][73][74][75][76]

29-78

10. No. of Axles: ___ 79

11. Passenger Seating Capacity: ___ ___ ___ 80 81 82
(does not include driver but does include designated wheelchair spaces)

VEHICLE USE

12. Describe Bus Operating Authority:

___ ___

___ ___

83-132 (editor)

13. Bus Operator Type:

School District	[ ] 01
Urban transit authority	[ ] 02
Scheduled intercity	[ ] 03
Charter bus	[ ] 04
Private company (not pass. transport)	[ ] 05
Non-govt. organization	[ ] 06
Non-educational unit of govt.	[ ] 07
Private individual for personal -transportation	[ ] 08
Contractor for School District	[ ] 09
Other _____ *(Specify)*	[ ] 98

133-134

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

Yes	[ ] 1
No	[ ] 2

135

15. Operator :

Private	[ ] 1
Carry passengers for hire	[ ] 2
Govt. owned	[ ] 3

136

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? ___ ___ (138 139) Hrs.

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

	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 _____ *(Specify)*	[ ] 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

21. Interview?

Yes [ ] 1
No [ ] 2
201

22. Police report?

Yes [ ] 1
No [ ] 2
202

23. FAX/Mail?

Yes [ ] 1
No [ ] 2
203

DERIVED INFORMATION *(Insert question numbers.)*

204 205 206 207 208 209 210 211 212 213

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 _____ *(Specify)*	[ ]	98
Unknown	[ ]	99

214-215

25. PAR Number

216 217 218 219 220 221 222 223 224 225 226 227

26. ICC Number

228 229 230 231 232 233

27. DOT Number

234 235 236 237 238 239 240

28. State PSC Number

241 242 243 244 245 246 247 248 249 250

29. State issuing

251 252