

BUSES INVOLVED IN FATAL ACCIDENTS CODEBOOK 2003

**ANNE MATTESON
DANIEL HERSHBERGER
JOHN WOODROOFFE**

CENTER FOR NATIONAL TRUCK AND BUS STATISTICS



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(Version December 22, 2005)

Anne Matteson

Daniel Hershberger

John Woodrooffe

Center for National Truck and Bus Statistics

University of Michigan Transportation Research Institute

January 2006

The research reported herein was conducted under general research funds provided by the Federal Motor Carrier Safety Administration. The opinions, findings, and conclusions expressed in this publication are those of the authors and not necessarily those of the U.S. Department of Transportation or the Federal Motor Carrier Safety Administration.

Technical Report Documentation Page

1. Report No. UMTRI-2006-2		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle BUSES INVOLVED IN FATAL ACCIDENTS CODEBOOK 2003 (Version December 22, 2005)				5. Report Date January 2006	
				6. Performing Organization Code	
7. Authors Anne Matteson, Daniel Hershberger, and John Woodrooffe				8. Performing Organization Report No. UMTRI-2006-2	
9. Performing Organization Name and Address University of Michigan Transportation Research Institute 2901 Baxter Road, Ann Arbor, Michigan 48109-2150				10. Work Unit No.	
				11. Contract or Grant No. DTMC75-02-R-00090	
12. Sponsoring Agency Name and Address U.S. Department of Transportation Federal Motor Carrier Safety Administration 400 Seventh Street, S.W. Washington, D.C. 20590				13. Type of Report and Period Covered Special Report	
				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract <p>This report provides documentation for UMTRI's file of Buses Involved in Fatal Accidents (BIFA), 2003, including distributions of the code values for each variable in the file. The 2003 BIFA file is a census of all buses involved in a fatal accident in the United States. The BIFA database provides coverage of buses recorded in the Fatality Analysis Reporting System (FARS) file. BIFA combines vehicle, accident, and occupant records from FARS with information about the physical configuration and operating authority of the bus from the BIFA survey.</p>					
17. Key Words buses, fatal accident data			18. Distribution Statement Unlimited		
19. Security Classification (of this report) Unclassified		20. Security Classification (of this page) Unclassified		21. No. of Pages 121	22. Price

Acknowledgments

The data documented in this report are the product of the dedicated efforts of many people. The project originated under the direction of Ken Campbell. Daniel Hershberger managed the survey and edited the cases. Laury Elwell, Julie Hansen, Robert Overmyer, James Piazza, and Stuart Snyder served as interviewers. Their conscientious dedication to accuracy and completeness is greatly appreciated. The project would not have been possible without the willing cooperation of hundreds of bus owners, operators, and police officers across the country.

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 22, 2005 version of the Buses Involved in Fatal Accidents, 2003, 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 2003. 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 1Sept04, 2004, of the Fatality Analysis Reporting System (FARS) file for 2003 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

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

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

The 2003 BIFA file is a census file, including every bus identifiable in the FARS file. This codebook presents the code levels and frequency distributions for each variable in the BIFA file.

The dataset includes virtually all the variables from the public version of the FARS file: the accident variables, the vehicle variables (for the bus), and the occupant variables (for the driver of the bus). All records in the BIFA file are at the vehicle level; that is, there is one record for each bus involved.

In addition to the variables from FARS (variables 1 through 363), there is a set of variables (numbers 1110 through 1870) that contains the information from the BIFA survey form. 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 total, thirteen police reports involving fatal bus crashes in 2003 were unavailable. For all of these cases, an attempt was made to match the FARS case to the Motor Carrier Management Information System (MCMIS) case using date, time, and vehicle information. The MCMIS file usually contains contact information for both owner and investigating officer. These data were used to obtain information when possible. Only those cases where the match was certain were pursued.

Missing data rates for BIFA survey variables vary. The range of missing data values is illustrated by the following examples. Bus type (variable 1180) could not be determined for seven (2.1%) of the 334 cases. Hours driving (variable 1510) is unknown for 101 (30.2%) cases. Gross vehicle weight rating (GVWR, variable 1240) could not be determined with certainty for 58 (17.4%) cases. GVWR is most often obtained by decoding the Vehicle Identification Number (VIN). In some cases, GVWR information was furnished by primary respondents and, if plausible, accepted. In other cases, a GVWR determination was based on familiarity with vehicle type. Cases for which the GVWR variable could not be decoded from the VIN or determined with certainty were coded as unknown.

Sources of Information

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

Information is collected primarily by telephone interviews. The person or company contacted is, when possible, the owner of the vehicle as listed in the police report. If no contact can be made with the owner, an attempt is made to reach the driver. If neither

the owner nor the driver can be reached, as much information as possible is collected from other parties, such as the police officer who investigated the accident or the tow truck operator if the vehicle was towed from the scene. Finally, if no knowledgeable respondent can be found, as much information as possible is coded from the police report. For these cases, variable 1830, which documents whether an interview was conducted, is coded "no," and variable 1840, police report, is coded "yes."

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

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

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

Number of Cases

There are 324 vehicles that are identified as a bus in one or more variables in the 2003 FARS file (version 1Sept04). However, some of these vehicles were subsequently found to be non-passenger carrying vehicles. These included motor home conversions, cargo vehicle conversions, small mini vans, etc. Altogether six cases were determined to be something other than a bus. In addition, sixteen cases were identified during the TIFA interviewing process that proved to be buses, not trucks. These cases were not identified as buses in any FARS variable, but were only discovered because the

CNTBS also surveys trucks involved in fatal accidents. Adding these sixteen cases to the 324 cases identified in FARS yields 340 vehicles. Subtracting the six vehicles incorrectly identified in FARS as a bus leaves 334, which is the number of buses involved in fatal traffic accidents in 2003.

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, 2003
FARS ACCIDENT VARIABLES

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

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
FARS ACCIDENT VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
58	NUM UNK INJURED IN ACC	2	Numeric	35
59	ACC RELATED FACTORS #1	2	Numeric	35
60	ACC RELATED FACTORS #2	2	Numeric	36
61	ACC RELATED FACTORS #3	2	Numeric	36

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Width	Storage Type	Page Number
104	VEHICLE NUMBER	2	Numeric	37
107	NUMBER OF OCCUPANTS	2	Numeric	37
108	VEHICLE MAKE	2	Numeric	38
109	VEHICLE MAKE-MODEL	5	Numeric	38
110	BODY TYPE	2	Numeric	39
111	MODEL YEAR	4	Numeric	40
112	VIN	12	Alphabetic	40
123	REGISTRATION STATE	2	Numeric	40
124	REGISTERED VEHICLE OWNER	1	Numeric	42
125	ROLLOVER	1	Numeric	42
126	JACKKNIFE	1	Numeric	42
127	TRAVEL SPEED	2	Numeric	43
128	HAZARDOUS CARGO	1	Numeric	43
129	VEHICLE TRAILERING	1	Numeric	43
130	VEHICLE CONFIGURATION	2	Numeric	43
131	NUMBER OF AXLES	2	Numeric	44
132	CARGO BODY TYPE	2	Numeric	44
133	SPECIAL USE	1	Numeric	44
134	EMERGENCY USE	1	Numeric	45
135	IMPACT POINT - INITIAL	2	Numeric	45
136	IMPACT POINT - PRINCIPAL	2	Numeric	45
137	EXTENT OF DEFORMATION	1	Numeric	46
138	VEHICLE ROLE	1	Numeric	46
139	MANNER OF LEAVING SCENE	1	Numeric	46
140	FIRE OCCURRENCE	1	Numeric	47
142	VEHICLE MANEUVER	2	Numeric	47
143	CRASH AVOIDANCE MANUEVER	1	Numeric	47
144	MOST HARMFUL EVENT	2	Numeric	48
145	NUMBER OF DEATHS IN VEH	2	Numeric	50
151	VIN TRUCK FUEL CODE	1	Numeric	50
152	VIN TRUCK WEIGHT CODE	1	Numeric	50
153	VIN TRUCK SERIES	3	Alphabetic	51
155	LENGTH OF VIN	2	Numeric	51
156	NUMBER UNINJURED IN VEH	2	Numeric	51
157	NUMBER C-INJURED IN VEH	2	Numeric	51
158	NUMBER B-INJURED IN VEH	2	Numeric	52
159	NUMBER A-INJURED IN VEH	2	Numeric	52
160	NUMBER K-INJURED IN VEH	2	Numeric	53
161	NUM UNK INJURED IN VEH	2	Numeric	53
162	VEH RELATED FACTORS #1	2	Numeric	53
163	VEH RELATED FACTORS #2	2	Numeric	54
164	UNDERRIDE/OVERRIDE	1	Numeric	54
170	MOTOR CARRIER ID NUMBER	11	Alphabetic	55
171	BUS USE	1	Numeric	55
172	GROSS WEIGHT RATING-GVWR	1	Numeric	56

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
FARS DRIVER VARIABLES

Variable Number	Variable Name	Width	Storage Type	Page Number
207	DRIVER PRESENCE	1	Numeric	57
208	DRIVER DRINKING	1	Numeric	57
209	LICENSE STATE	2	Numeric	57
210	NON-CDL LICENSE STATUS	1	Numeric	58
211	LICENSE CLASS COMPLIANCE	1	Numeric	59
212	CDL LICENSE STATUS	1	Numeric	59
213	LICENSE ENDORSEMENTS	1	Numeric	60
214	LICENSE RESTRICTIONS MET	1	Numeric	60
216	NUMBER OF PREV ACCIDENTS	2	Numeric	60
217	NUMBER PREV SUSPENSIONS	2	Numeric	61
218	NUMBER OF PREV DWI CONV	2	Numeric	61
219	NUM PREV SPEEDING CONV	2	Numeric	61
220	NUM PREV OTHER MV CONV	2	Numeric	61
221	LAST ACCIDENT - MONTH	2	Numeric	62
222	LAST ACCIDENT - YEAR	4	Numeric	62
223	FIRST ACCIDENT - MONTH	2	Numeric	62
224	FIRST ACCIDENT - YEAR	4	Numeric	63
227	DRIVER RELATED FACTORS#1	2	Numeric	63
228	DRIVER RELATED FACTORS#2	2	Numeric	66
229	DRIVER RELATED FACTORS#3	2	Numeric	67
230	DRIVER RELATED FACTORS#4	2	Numeric	67
231	VIOLATIONS CHARGED #1	2	Numeric	68
232	VIOLATIONS CHARGED #2	2	Numeric	70
233	VIOLATIONS CHARGED #3	2	Numeric	71
235	DRIVER HEIGHT	2	Numeric	71
236	DRIVER WEIGHT	3	Numeric	72

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
FARS OCCUPANT VARIABLES

Variable Number	Variable Name	Width	Storage Type	Page Number
306	OCCUPANT NUMBER	2	Numeric	73
308	OCCUPANT AGE	2	Numeric	73
309	OCCUPANT SEX	1	Numeric	74
310	OCCUPANT TYPE	2	Numeric	74
311	OCC SEATING POSITION	2	Numeric	74
312	RESTRAINT SYSTEM USE	2	Numeric	75
313	AIR BAG AVAIL/DEPLOY	2	Numeric	75
314	OCCUPANT EJECTION	1	Numeric	75
315	EJECTION PATH	1	Numeric	76
316	OCCUPANT EXTRICATION	1	Numeric	76
321	DRUG INVOLVEMENT	1	Numeric	76
322	DRUG DETERMINATION	1	Numeric	77
323	DRUG TEST TYPE #1	1	Numeric	77
324	DRUG TEST RESULTS #1	3	Numeric	77
325	DRUG TEST TYPE #2	1	Numeric	78
326	DRUG TEST RESULTS #2	3	Numeric	78
327	DRUG TEST TYPE #3	1	Numeric	79
328	DRUG TEST RESULTS #3	3	Numeric	80
329	OCCUPANT INJURY SEVERITY	1	Numeric	80
330	OCC TAKEN TO HOSPITAL	1	Numeric	81
331	OCC DEATH DATE - MONTH	2	Numeric	81
332	OCC DEATH DATE - DAY	2	Numeric	82
333	OCC DEATH DATE - YEAR	4	Numeric	82
334	OCC DEATH TIME - HOURS	2	Numeric	82
335	OCC DEATH TIME - MINUTES	2	Numeric	82
336	LAG TIME ACC/DEATH - HRS	3	Numeric	83
342	OCC FATAL INJURY AT WORK	1	Numeric	83
345	OCC ALCOHOL INVOLVEMENT	1	Numeric	83
346	OCC METH ALC DETERMINAT	1	Numeric	83
347	ALCOHOL TEST TYPE	1	Numeric	84
348	OCC ALCOHOL TEST RESULT	2	Numeric	84
361	RACE	2	Numeric	84
362	HISPANIC ORIGIN	2	Numeric	85
363	OCC DEAD ON ARRIVAL	1	Numeric	85

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

Variable Number	Variable Name	Width	Storage Type	Page Number
1110	BUS MAKE	3	Numeric	87
1120	FINAL MANUFACTURER	30	Alphabetic	87
1130	MODEL YEAR	4	Numeric	88
1140	FRONT OF BUS	1	Numeric	88
1150	ENGINE LOCATION	1	Numeric	89
1160	FUEL TYPE	1	Numeric	89
1170	BUS MODEL	10	Alphabetic	89
1180	BUS TYPE	2	Numeric	89
1190	DESCRIPTION OF BUS	50	Alphabetic	90
1200	NUMBER OF AXLES	1	Numeric	91
1210	BODY STYLE	1	Numeric	91
1220	PASS SEATING CAPACITY	3	Numeric	91
1230	NUMBER OF PASSENGERS	3	Numeric	92
1240	GROSS VEH WEIGHT RATING	1	Numeric	93
1250	EMPTY WEIGHT	6	Numeric	94
1260	LENGTH	3	Numeric	94
1270	WIDTH	3	Numeric	95
1280	GEN PASSENGER RESTRAINT	1	Numeric	95
1290	SPECIAL NEEDS RESTRAINT	1	Numeric	95
1310	DESCRIPTION OF OPER AUTH	50	Alphabetic	95
1320	FLEET SIZE	6	Numeric	97
1330	NUMBER OWNED	6	Numeric	97
1340	NUMBER LEASED	6	Numeric	97
1350	BUS OPERATOR TYPE	2	Numeric	97
1360	AREA OF OPERATION	1	Numeric	98
1370	OPERATING AUTHORITY	1	Numeric	98
1380	TRIP TYPE	1	Numeric	98
1410	ROLLOVER	1	Numeric	98
1420	DIRECTION OF ROLL	1	Numeric	98
1430	NUMBER OF QUARTER TURNS	2	Numeric	99
1510	HOURS DRIVING	2	Numeric	99
1520	COMPENSATION-HOURLY	1	Numeric	99
1530	COMPENSATION-MILEAGE	1	Numeric	100
1540	COMPENSATION-TIPS	1	Numeric	100
1550	COMPENSATION-% REVENUE	1	Numeric	100
1560	COMPENSATION-SALARY	1	Numeric	100
1570	COMPENSATION-DRIVER OWN	1	Numeric	100
1580	COMPENSATION-DRIVER VOL	1	Numeric	101
1590	COMPENSATION-NOT A DRVR	1	Numeric	101
1600	COMPENSATION-OTHER	1	Numeric	101
1610	DESCRIBE COMPENSATION	50	Alphabetic	101
1710	ACCIDENT TYPE	2	Numeric	102
1720	PEDESTRIAN FATALITY	2	Numeric	102
1830	INTERVIEW CONDUCTED	1	Numeric	102
1840	POLICE REPORT	1	Numeric	103
1850	FAX/MAIL	1	Numeric	103
1861	1ST QUESTION DERIVED	2	Numeric	103
1862	2ND QUESTION DERIVED	2	Numeric	103
1863	3RD QUESTION DERIVED	2	Numeric	104
1864	4TH QUESTION DERIVED	2	Numeric	104

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
1865	5TH QUESTION DERIVED	2	Numeric	104
1866	6TH QUESTION DERIVED	2	Numeric	104
1867	7TH QUESTION DERIVED	2	Numeric	104
1868	8TH QUESTION DERIVED	2	Numeric	104
1869	9TH QUESTION DERIVED	2	Numeric	105
1870	10TH QUESTION DERIVED	2	Numeric	105

The ACCIDENT Variables

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

Variable 1	CASE STATE		Width: 2	Type: Numeric
			Dec: None	Miss: None
N	Prcnt	Code Value and Description		
2	0.6	1 Alabama		
0	0.0	2 Alaska		
8	2.4	4 Arizona		
1	0.3	5 Arkansas		
41	12.3	6 California		
9	2.7	8 Colorado		
1	0.3	9 Connecticut		
4	1.2	10 Delaware		
2	0.6	11 District of Columbia		
21	6.3	12 Florida		
13	3.9	13 Georgia		
3	0.9	15 Hawaii		
1	0.3	16 Idaho		
7	2.1	17 Illinois		
4	1.2	18 Indiana		
3	0.9	19 Iowa		
4	1.2	20 Kansas		
5	1.5	21 Kentucky		
5	1.5	22 Louisiana		
0	0.0	23 Maine		
12	3.6	24 Maryland		
5	1.5	25 Massachusetts		
6	1.8	26 Michigan		
6	1.8	27 Minnesota		
1	0.3	28 Mississippi		
10	3.0	29 Missouri		
1	0.3	30 Montana		
3	0.9	31 Nebraska		
6	1.8	32 Nevada		
1	0.3	33 New Hampshire		
10	3.0	34 New Jersey		
3	0.9	35 New Mexico		
32	9.6	36 New York		
9	2.7	37 North Carolina		
3	0.9	38 North Dakota		
14	4.2	39 Ohio		
5	1.5	40 Oklahoma		
3	0.9	41 Oregon		
27	8.1	42 Pennsylvania		
0	0.0	44 Rhode Island		
0	0.0	45 South Carolina		
0	0.0	46 South Dakota		
5	1.5	47 Tennessee		
17	5.1	48 Texas		

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
 FARS ACCIDENT VARIABLES

Variable 1:CASE STATE (Continued)

N	Prcnt	Code	Value and Description
2	0.6	49	Utah
2	0.6	50	Vermont
4	1.2	51	Virginia
6	1.8	53	Washington
1	0.3	54	West Virginia
6	1.8	55	Wisconsin
0	0.0	56	Wyoming

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

CASE NUMBER ASSIGNED WITHIN STATES

N	Prcnt	Code	Value and Description
2	0.6	1	
		-	Case number
0	0.0	9999	

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

CITY - GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Value and Description
128	38.3	0	Not applicable
0	0.0	1	
		-	GSA code
0	0.0	9996	
0	0.0	9997	Other
1	0.3	9999	Unknown

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

COUNTY - GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
14	4.2	1	
		-	GSA code
0	0.0	996	
0	0.0	997	Other
0	0.0	999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
 FARS ACCIDENT VARIABLES

Variable 9	ACCIDENT DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
36	10.8	1	January
29	8.7	2	February
19	5.7	3	March
22	6.6	4	April
36	10.8	5	May
12	3.6	6	June
20	6.0	7	July
24	7.2	8	August
26	7.8	9	September
42	12.6	10	October
38	11.4	11	November
30	9.0	12	December

Variable 10	ACCIDENT DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
10	3.0	1	- Day of month
2	0.6	31	

Variable 11	ACCIDENT DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

N	Prcnt	Code	Value and Description
334	100.0	2003	2003

Variable 12	ACCIDENT TIME - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
6	1.8	0	12:01 am - 12:59 am
1	0.3	1	1:00 am - 1:59 am
3	0.9	2	2:00 am - 2:59 am
1	0.3	3	3:00 am - 3:59 am
3	0.9	4	4:00 am - 4:59 am
6	1.8	5	5:00 am - 5:59 am
15	4.5	6	6:00 am - 6:59 am
31	9.3	7	7:00 am - 7:59 am
25	7.5	8	8:00 am - 8:59 am
15	4.5	9	9:00 am - 9:59 am
8	2.4	10	10:00 am - 10:59 am

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 12: ACCIDENT TIME - HOUR (Continued)

N	Prcnt	Code	Value and Description
18	5.4	11	11:00 am - 11:59 am
9	2.7	12	12:00 pm - 12:59 pm
16	4.8	13	1:00 pm - 1:59 pm
36	10.8	14	2:00 pm - 2:59 pm
47	14.1	15	3:00 pm - 3:59 pm
24	7.2	16	4:00 pm - 4:59 pm
16	4.8	17	5:00 pm - 5:59 pm
15	4.5	18	6:00 pm - 6:59 pm
9	2.7	19	7:00 pm - 7:59 pm
8	2.4	20	8:00 pm - 8:59 pm
5	1.5	21	9:00 pm - 9:59 pm
9	2.7	22	10:00 pm - 10:59 pm
6	1.8	23	11:00 pm - 11:59 pm
0	0.0	24	12:00 midnight
2	0.6	99	Unknown

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

N	Prcnt	Code	Value and Description
15	4.5	0	- Minute
6	1.8	59	
2	0.6	99	Unknown

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

NUMBER OF VEHICLES INVOLVED IN ACCIDENT

N	Prcnt	Code	Value and Description
109	32.6	1	1 vehicle
177	53.0	2	2 vehicles
33	9.9	3	3 vehicles
8	2.4	4	4 vehicles
4	1.2	5	5 vehicles
3	0.9	7	7 vehicles

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

NUMBER OF PERSONS INVOLVED IN ACCIDENT

Does not include uninjured bus or railway train occupants

N	Prcnt	Code	Value and Description
2	0.6	1	1 person
144	43.1	2	2 persons
53	15.9	3	3 persons
32	9.6	4	4 persons
23	6.9	5	5 persons
14	4.2	6	6 persons
7	2.1	7	7 persons
11	3.3	8	8 persons
4	1.2	9	9 persons
5	1.5	10	10 persons
7	2.1	11	11 persons
3	0.9	12	12 persons
2	0.6	13	13 persons
7	2.1	14	14 persons
3	0.9	15	15 persons
3	0.9	16	16 persons
2	0.6	17	17 persons
1	0.3	18	18 persons
1	0.3	20	20 persons
1	0.3	24	24 persons
1	0.3	25	25 persons
1	0.3	27	27 persons
1	0.3	29	29 persons
1	0.3	31	31 persons
1	0.3	32	32 persons
1	0.3	35	35 persons
1	0.3	36	36 persons
1	0.3	39	39 persons
1	0.3	43	43 persons

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

LAND USE - FHWA CLASSIFICATION

Recode of Roadway Function Class (V 18)

N	Prcnt	Code	Value and Description
220	65.9	1	Urban area
113	33.8	2	Rural area
1	0.3	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 17	NATIONAL HIGHWAY SYSTEM	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

N	Prcnt	Code	Value and Description
254	76.0	0	This section is not on the NHS
79	23.7	1	This section is on the NHS
1	0.3	9	Unknown if this section is on the NHS

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

N	Prcnt	Code	Value and Description
Rural			
14	4.2	1	Principal arterial - interstate
27	8.1	2	Principal arterial - other
25	7.5	3	Minor arterial
24	7.2	4	Major collector
5	1.5	5	Minor collector
17	5.1	6	Local road or street
1	0.3	9	Unknown rural
Urban			
11	3.3	11	Principal arterial - interstate
12	3.6	12	Principal arterial - other freeways or expressways
76	22.8	13	Other principal arterial
53	15.9	14	Minor arterial
12	3.6	15	Collector
53	15.9	16	Local road or street
3	0.9	19	Unknown urban
1	0.3	99	Unknown

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

N	Prcnt	Code	Value and Description
24	7.2	1	Interstate
31	9.3	2	U.S. highway
91	27.2	3	State highway
35	10.5	4	County road
Local Street			
15	4.5	5	Township
120	35.9	6	Municipality

Variable 19:ROUTE SIGNING (Continued)

N	Prcnt	Code	Value and Description
1	0.3	7	Frontage road
16	4.8	8	Other
1	0.3	9	Unknown

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

N	Prcnt	Code	Value and Description
1	0.3	99999999999999999999	Unknown

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

N	Prcnt	Code	Value and Description
144	43.1	0	None
2	0.6	1	
		-	Actual to nearest .1 mile
1	0.3	23560	
34	10.2	99999	Unknown

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

N	Prcnt	Code	Value and Description
333	99.7	0	No special jurisdiction
1	0.3	1	National Park Service
0	0.0	2	Military
0	0.0	3	Indian reservation
0	0.0	4	College/University campus
0	0.0	5	Other Federal properties
0	0.0	8	Other
0	0.0	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 23	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1ST EVENT CAUSING INJURY/PROPERTY DAMAGE

N	Prcnt	Code	Value and Description
9	2.7	1	Overturn
1	0.3	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
2	0.6	5	Fell from vehicle
1	0.3	6	Injured in vehicle
1	0.3	7	Other noncollision
85	25.4	8	Pedestrian
8	2.4	9	Pedalcycle
1	0.3	10	Railway train
0	0.0	11	Animal
206	61.7	12	Motor vehicle in transport
5	1.5	13	Motor vehicle in transport in other roadway
2	0.6	14	Parked motor vehicle
0	0.0	15	Other type nonmotorist
0	0.0	16	Thrown or falling object
0	0.0	17	Boulder
0	0.0	18	Other object (not fixed)
0	0.0	19	Building
0	0.0	20	Impact attenuator/crash cushion
0	0.0	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
1	0.3	23	Bridge rail
4	1.2	24	Guardrail
1	0.3	25	Concrete traffic barrier
0	0.0	26	Other longitudinal barrier type
1	0.3	27	Highway/traffic sign post
0	0.0	28	Overhead sign support
0	0.0	29	Luminaire/light support
0	0.0	30	Utility pole
0	0.0	31	Other post, pole or supports
0	0.0	32	Culvert
1	0.3	33	Curb
0	0.0	34	Ditch
1	0.3	35	Embankment - earth
0	0.0	36	Embankment - rock, stone or concrete
0	0.0	37	Embankment - material type unknown
1	0.3	38	Fence
0	0.0	39	Wall
0	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
2	0.6	42	Tree
1	0.3	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
0	0.0	45	Transport device used as equipment
0	0.0	46	Traffic signal support
0	0.0	47	Vehicle Occupant Struck or Run Over by Own Vehicle
0	0.0	48	Collision With Snow Bank
0	0.0	49	Ridden animal or animal-drawn conveyance

Variable 23:FIRST HARMFUL EVENT (Continued)

N	Prcnt	Code	Value and Description
0	0.0	50	Bridge Overhead Structure
0	0.0	99	Unknown

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

Noncollision Event

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

Collision With Object Not Fixed

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

Collision With Fixed Object

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

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
 FARS ACCIDENT VARIABLES

Variable 23:FIRST HARMFUL EVENT (Continued)

Code Value and Description

37	Embankment - material type unknown
38	Fence
39	Wall
40	Fire hydrant
41	Shrubbery
42	Tree
43	Other fixed object
46	Traffic signal support
48	Collision With Snow Bank
50	Bridge Overhead Structure

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

N	Prcnt	Code	Value and Description
123	36.8	0	Not applicable
49	14.7	1	Rear-end
48	14.4	2	Head-on
5	1.5	3	Front-to-side:Same dir
42	12.6	4	Front-to-side:Opp dir
54	16.2	5	Front-to-side:Right angle
2	0.6	6	Front-to-side:Other
5	1.5	7	S-Swipe:Same dir
4	1.2	8	S-Swipe:Opp dir
1	0.3	9	Rear-to-Side
0	0.0	10	Rear-to-Rear
1	0.3	11	Other
0	0.0	99	Unknown

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

N	Prcnt	Code	Value and Description
Noninterchange			
163	48.8	1	Nonjunction
116	34.7	2	Intersection
35	10.5	3	Intersection related
6	1.8	4	Driveway, alley, access, etc.
1	0.3	5	Entrance/exit ramp related
1	0.3	6	Rail grade crossing
0	0.0	7	In crossover
3	0.9	8	Driveway access related
0	0.0	9	Unknown, noninterchange
Interchange area			
3	0.9	10	Intersection

Variable 25:RELATION TO JUNCTION (Continued)

N	Prcnt	Code	Value and Description
0	0.0	11	Intersection related
0	0.0	12	Driveway access
2	0.6	13	Entrance/exit ramp related
0	0.0	14	In crossover
4	1.2	15	Other location in interchange
0	0.0	19	Unknown, interchange area
0	0.0	99	Unknown

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

N	Prcnt	Code	Value and Description
307	91.9	1	On roadway
7	2.1	2	Shoulder
4	1.2	3	Median
10	3.0	4	Roadside
2	0.6	5	Outside right-of-way
1	0.3	6	Off roadway - location unknown
1	0.3	7	In parking lane
1	0.3	8	Gore
0	0.0	10	Separator
1	0.3	11	Two-way continuous left-turn lane
0	0.0	99	Unknown

Variable 27	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

N	Prcnt	Code	Value and Description
206	61.7	1	Not physically divided (two way trafficway)
69	20.7	2	Divided highway, median strip (without traffic barrier)
23	6.9	3	Divided highway, median strip (with traffic barrier)
6	1.8	4	One way trafficway
19	5.7	5	Not physically divided (with two-way continuous left-turn lane)
3	0.9	6	Entrance/Exit ramp
8	2.4	9	Unknown

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Variable 28	NUMBER OF TRAVEL LANES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

N	Prcnt	Code	Value and Description
4	1.2	1	1 lane
209	62.6	2	2 lanes
31	9.3	3	3 lanes
64	19.2	4	4 lanes
8	2.4	5	5 lanes
8	2.4	6	6 lanes
2	0.6	7	7 or more lanes
8	2.4	9	Unknown

Variable 29	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
1	0.3	0	No statutory limit
0	0.0	5	5 mph
1	0.3	10	10 mph
2	0.6	15	15 mph
1	0.3	20	20 mph
32	9.6	25	25 mph
43	12.9	30	30 mph
59	17.7	35	35 mph
24	7.2	40	40 mph
33	9.9	45	45 mph
16	4.8	50	50 mph
64	19.2	55	55 mph
3	0.9	60	60 mph
14	4.2	65	65 mph
10	3.0	70	70 mph
3	0.9	75	75 mph
28	8.4	99	Unknown

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

N	Prcnt	Code	Value and Description
293	87.7	1	Straight
40	12.0	2	Curve
1	0.3	9	Unknown

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

N	Prcnt	Code	Value and Description
253	75.7	1	Level
63	18.9	2	Grade
7	2.1	3	Hillcrest
1	0.3	4	Sag
10	3.0	9	Unknown

Variable 32 ROADWAY SURFACE TYPE Width: 1 Type: Numeric
 Dec: None Miss: 9

N	Prcnt	Code	Value and Description
24	7.2	1	Concrete
289	86.5	2	Blacktop, bituminous or asphalt
0	0.0	3	Brick or block
2	0.6	4	Slag, gravel or stone
2	0.6	5	Dirt
0	0.0	8	Other
17	5.1	9	Unknown

Variable 33 ROADWAY SURFACE CONDITION Width: 1 Type: Numeric
 Dec: None Miss: 9

ROADWAY SURFACE CONDITION

N	Prcnt	Code	Value and Description
268	80.2	1	Dry
49	14.7	2	Wet
14	4.2	3	Snow or slush
2	0.6	4	Ice
0	0.0	5	Sand, dirt, oil
0	0.0	8	Other
1	0.3	9	Unknown

Variable 34 TRAFFIC CONTROL DEVICE Width: 2 Type: Numeric
 Dec: None Miss: 99

N	Prcnt	Code	Value and Description
198	59.3	0	No controls
Not At Railroad Grade Crossing			
Highway traffic signals			
4	1.2	1	Traffic control signal (on colors) without pedestrian signal

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 34: TRAFFIC CONTROL DEVICE (Continued)

N	Prcnt	Code	Value and Description
16	4.8	2	Traffic control (on colors) with pedestrian signal
63	18.9	3	Traffic control signal (on colors) not known whether or not pedestrian signal
0	0.0	4	Flashing traffic control signal
1	0.3	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	0.6	8	Other highway traffic signal
2	0.6	9	Unknown highway traffic signal
Regulatory signs			
30	9.0	20	Stop sign
2	0.6	21	Yield sign
5	1.5	28	Other regulatory sign
1	0.3	29	Unknown type regulatory sign
School zone signs			
0	0.0	30	School speed limit sign
0	0.0	31	School advance or crossing sign
0	0.0	38	Other school related sign
0	0.0	39	Unknown type school zone sign
Warning signs			
4	1.2	40	Warning sign
0	0.0	41	Electric warning sign
Miscellaneous not at railroad crossing			
1	0.3	50	Officer, crossing guard, flagman, etc.
At Railroad Grade Crossing			
Active devices			
1	0.3	60	Gates
0	0.0	61	Flashing lights
0	0.0	62	Traffic control signal
0	0.0	63	Wigwags
0	0.0	64	Bells
0	0.0	68	Other train activated device
0	0.0	69	Active device, type unknown
Passive devices			
0	0.0	70	Cross-bucks
0	0.0	71	Stop sign
0	0.0	72	Other railroad crossing sign
0	0.0	73	Special warning device - watchman, flagged by crew
0	0.0	78	Other passive device
0	0.0	79	Passive device, type unknown
Miscellaneous devices at railroad crossing			
0	0.0	80	Grade crossing controlled, type unknown

Variable 34: TRAFFIC CONTROL DEVICE (Continued)

N	Prcnt	Code	Value and Description
			Whether Or Not At Railroad Grade Crossing
0	0.0	98	Other
4	1.2	99	Unknown

Variable 35	TRAFFIC CONT FUNCTIONING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TRAFFIC CONTROL FUNCTIONING

N	Prcnt	Code	Value and Description
198	59.3	0	No controls
0	0.0	1	Device not functioning
0	0.0	2	Device functioning - functioning improperly
132	39.5	3	Device functioning properly
4	1.2	9	Unknown

Variable 36	HIT AND RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

N	Prcnt	Code	Value and Description
328	98.2	0	No hit and run
2	0.6	1	Hit motor vehicle in transport
3	0.9	2	Hit pedestrian or nonmotorist
0	0.0	3	Hit parked vehicle or object
1	0.3	4	Driver/Occupant leaves scene after non-collision event

Variable 37	LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
244	73.1	1	Daylight
23	6.9	2	Dark
48	14.4	3	Dark but lighted
11	3.3	4	Dawn
6	1.8	5	Dusk
2	0.6	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 38	ATMOSPHERIC CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
284	85.0	1	No adverse atmospheric conditions
21	6.3	2	Rain
4	1.2	3	Sleet (hail)
13	3.9	4	Snow
8	2.4	5	Fog
0	0.0	6	Rain and fog
0	0.0	7	Sleet and fog
3	0.9	8	Other (smog, smoke, blowing sand, or dust)
1	0.3	9	Unknown

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

CONSTRUCTION OR MAINTENANCE ZONE

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

N	Prcnt	Code	Value and Description
328	98.2	0	None
6	1.8	1	Construction
0	0.0	2	Maintenance
0	0.0	3	Utility
0	0.0	4	Work zone, type unknown

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

N	Prcnt	Code	Value and Description
11	3.3	0	Not notified or 12:01 - 12:59 am
1	0.3	1	Hour
0	0.0	24	
159	47.6	99	Unknown

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

N	Prcnt	Code	Value and Description
12	3.6	0	Not notified or on hour
2	0.6	1	
			- Minute
3	0.9	59	
0	0.0	98	Unknown whether transported
159	47.6	99	Unknown

Variable 42 EMS ARRIVAL - HOUR Width: 2 Type: Numeric
 Dec: None Miss: 99

N	Prcnt	Code	Value and Description
10	3.0	0	Not notified or 12:01 - 12:59 am
2	0.6	1	
			- Hour
0	0.0	24	
159	47.6	99	Unknown

Variable 43 EMS ARRIVAL - MINUTE Width: 2 Type: Numeric
 Dec: None Miss: 99

N	Prcnt	Code	Value and Description
10	3.0	0	Not notified or on hour
0	0.0	1	
			- Minute
4	1.2	59	
0	0.0	97	Officially cancelled
1	0.3	98	Unknown whether transported
164	49.1	99	Unknown

Variable 46 SCHOOL BUS RELATED Width: 1 Type: Numeric
 Dec: None Miss: 9

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

N	Prcnt	Code	Value and Description
213	63.8	0	No
121	36.2	1	Yes

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
FARS ACCIDENT VARIABLES

Variable 48	RAIL GRADE CROSSING ID	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

RAIL GRADE CROSSING ID - FRA CODE

N	Prcnt	Code	Value and Description
333	99.7	0000000	Not Applicable - FRA code
1	0.3	746785Y	
0	0.0	9999999	Unknown

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

NUMBER OF FATALITIES IN ACCIDENT

N	Prcnt	Code	Value and Description
0	0.0	0	0 killed
306	91.6	1	1 killed
18	5.4	2	2 killed
5	1.5	3	3 killed
0	0.0	4	4 killed
1	0.3	5	5 killed
0	0.0	6	6 killed
1	0.3	7	7 killed
2	0.6	8	8 killed
1	0.3	9	9 killed

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

N	Prcnt	Code	Value and Description
20	6.0	1	Sunday
56	16.8	2	Monday
53	15.9	3	Tuesday
59	17.7	4	Wednesday
55	16.5	5	Thursday
52	15.6	6	Friday
39	11.7	7	Saturday

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

N	Prcnt	Code	Value and Description
283	84.7	0	0 drivers
46	13.8	1	1 drivers

Variable 51:NUMBER DRINKING DRIVERS (Continued)

N	Prcnt	Code	Value and Description
5	1.5	2	2 drivers
0	0.0	3	3 drivers

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

The Julian date from March 1, 1900

N	Prcnt	Code	Value and Description
0	0.0	0	Missing data
2	0.6	37563	January 2, 2003
		-	
1	0.3	37925	December 30, 2003

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

NUMBER OF UNINJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
99	29.6	0	0 uninjured
188	56.3	1	1 uninjured
28	8.4	2	2 uninjured
5	1.5	3	3 uninjured
6	1.8	4	4 uninjured
3	0.9	5	5 uninjured
2	0.6	6	6 uninjured
1	0.3	10	10 uninjured
2	0.6	13	13 uninjured

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

NUMBER OF C-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
212	63.5	0	0 C-injured
57	17.1	1	1 C-injured
20	6.0	2	2 C-injured
11	3.3	3	3 C-injured
7	2.1	4	4 C-injured
4	1.2	5	5 C-injured

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<u>Variable 55</u>	<u>NUMBER B-INJURED IN ACC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NUMBER OF B-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
254	76.0	0	0 B-injured
37	11.1	1	1 B-injured
17	5.1	2	2 B-injured
10	3.0	3	3 B-injured
1	0.3	4	4 B-injured
2	0.6	5	5 B-injured
5	1.5	6	6 B-injured
2	0.6	7	7 B-injured
1	0.3	9	9 B-injured
1	0.3	10	10 B-injured
1	0.3	12	12 B-injured
1	0.3	15	15 B-injured
1	0.3	25	25 B-injured
1	0.3	35	35 B-injured

<u>Variable 56</u>	<u>NUMBER A-INJURED IN ACC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NUMBER OF A-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
262	78.4	0	0 A-injured
38	11.4	1	1 A-injured
10	3.0	2	2 A-injured
11	3.3	3	3 A-injured
3	0.9	4	4 A-injured
1	0.3	5	5 A-injured
1	0.3	6	6 A-injured
2	0.6	7	7 A-injured
1	0.3	8	8 A-injured
1	0.3	10	10 A-injured
2	0.6	15	15 A-injured
2	0.6	16	16 A-injured

<u>Variable 57</u>	<u>NUMBER K-INJURED IN ACC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NUMBER OF K-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
306	91.6	1	1 killed
18	5.4	2	2 killed
5	1.5	3	3 killed

Variable 57:NUMBER K-INJURED IN ACC (Continued)

N	Prcnt	Code	Value and Description
1	0.3	5	5 killed
1	0.3	7	7 killed
2	0.6	8	8 killed
1	0.3	9	9 killed

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

NUMBER UNKNOWN INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
329	98.5	0	0 unknown injured
2	0.6	1	1 unknown injured
1	0.3	2	2 unknown injured
1	0.3	3	3 unknown injured
1	0.3	8	8 unknown injured

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

FACTORS AT ACCIDENT LEVEL - RESPONSE #1

N	Prcnt	Code	Value and Description
314	94.0	0	None
0	0.0	1	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
1	0.3	2	Shoulder related
2	0.6	3	Other construction created condition
0	0.0	4	No (or obscured) pavement marking
0	0.0	5	Surface under water
0	0.0	6	Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	7	Surface washed out (caved in, road slippage)
Special circumstances			
7	2.1	14	Motor vehicle in transport struck by falling cargo, or something that was set in motion by a vehicle
0	0.0	15	Nonoccupant struck by falling cargo or something that came loose from or was set in motion by a vehicle
4	1.2	16	Nonoccupant struck vehicle
0	0.0	17	Vehicle set in motion by nondriver
0	0.0	18	Date of accident and date of EMS notification were not the same day
1	0.3	19	Recent previous accident scene nearby.
2	0.6	20	Police pursuit involved

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Variable 59:ACC RELATED FACTORS #1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	21	Within designated school zone
0	0.0	22	Speed Limit is a Satutory Limit as recorded or was determined as, This State's "Basic Rule"
3	0.9	99	Unknown

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

FACTORS AT ACCIDENT LEVEL - RESPONSE #2

N	Prcnt	Code	Value and Description
331	99.1	0	None
3	0.9	99	Unknown

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

FACTORS AT ACCIDENT LEVEL - RESPONSE #3

N	Prcnt	Code	Value and Description
331	99.1	0	None
3	0.9	99	Unknown

The VEHICLE Variables

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

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

N	Prct	Code	Value and Description
160	47.9	1	Vehicle #1
153	45.8	2	Vehicle #2
17	5.1	3	Vehicle #3
2	0.6	4	Vehicle #4
1	0.3	5	Vehicle #5
1	0.3	7	Vehicle #7

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

N	Prct	Code	Value and Description
0	0.0	0	0 occupants
207	62.0	1	1 occupant
27	8.1	2	2 occupants
10	3.0	3	3 occupants
9	2.7	4	4 occupants
8	2.4	5	5 occupants
3	0.9	6	6 occupants
7	2.1	7	7 occupants
5	1.5	8	8 occupants
2	0.6	9	9 occupants
4	1.2	10	10 occupants
2	0.6	11	11 occupants
3	0.9	12	12 occupants
4	1.2	13	13 occupants
2	0.6	14	14 occupants
2	0.6	15	15 occupants
2	0.6	16	16 occupants
1	0.3	17	17 occupants
1	0.3	18	18 occupants
1	0.3	21	21 occupants
1	0.3	23	23 occupants
2	0.6	26	26 occupants
1	0.3	30	30 occupants
1	0.3	31	31 occupants
1	0.3	32	32 occupants
1	0.3	35	35 occupants
1	0.3	43	43 occupants
26	7.8	97	Unknown - only injured reported
0	0.0	99	Unknown

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

N	Prcnt	Code	Value and Description
4	1.2	7	Dodge
47	14.1	12	Ford
16	4.8	20	Chevrolet
9	2.7	23	GMC
8	2.4	82	Freightliner
68	20.4	84	International
1	0.3	89	White/Autocar-White/GMC
21	6.3	90	Bluebird
16	4.8	92	Gillig
30	9.0	93	MCI
10	3.0	94	Thomas Built
96	28.7	98	Other make
8	2.4	99	Unknown

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

N	Prcnt	Code	Value and Description
4	1.2	7461	Dodge B-series Van
15	4.5	12461	Ford E-series Van
1	0.3	12470	Ford Van derivative
4	1.2	12481	Ford F-series Pickup
1	0.3	12499	Ford Unk light truck
2	0.6	12881	Ford Med/Hvy CBE
18	5.4	12981	Ford Conventional Bus
3	0.9	12988	Ford Other (bus)
3	0.9	12999	Ford Unknown
7	2.1	20461	Chevrolet G-series Van
1	0.3	20466	Chevrolet P-series Van
7	2.1	20981	Chevrolet Conventional Bus
1	0.3	20999	Chevrolet Unknown
4	1.2	23461	GMC G-series Van
1	0.3	23481	GMC C,K,R,V-series Pickup
3	0.9	23981	GMC Conventional Bus
1	0.3	23988	GMC Other (bus)
5	1.5	82981	Freightliner Conventional Bus
1	0.3	82982	Freightliner Bus front engine
2	0.6	82988	Freightliner Other Bus
63	18.9	84981	International Conventional Bus
3	0.9	84982	International Bus front engine
2	0.6	84988	International Other Bus
1	0.3	89981	White/Autocar-White/GMC Conventional Bus
14	4.2	90981	Bluebird Conventional Bus
4	1.2	90982	Bluebird Bus front engine, flat front
1	0.3	90983	Bluebird Bus rear engine, flat front
2	0.6	90988	Bluebird Other Bus
11	3.3	92981	Gillig Conventional Bus
1	0.3	92982	Gillig Bus front engine, flat front

Variable 109:VEHICLE MAKE-MODEL (Continued)

N	Prcnt	Code	Value and Description
2	0.6	92983	Gillig Bus rear engine, flat front
2	0.6	92988	Gillig Bus Other Bus
23	6.9	93981	MCI Conventional Bus
1	0.3	93983	MCI Bus rear engine, flat front
6	1.8	93988	MCI Other Bus
1	0.3	94461	Thomas Built Van-based Light Truck
9	2.7	94981	Thomas Built Conventional Bus
7	2.1	98902	Other Make NEOPLAN Bus
3	0.9	98905	Other Make DINA Bus
13	3.9	98907	Other Make Orion Bus
6	1.8	98908	Other Make Van Hool
42	12.6	98981	Other Make Conventional Bus
1	0.3	98982	Other Make Bus front engine
2	0.6	98983	Other Make Bus rear engine
22	6.6	98988	Other Make Other Bus
3	0.9	99981	Unknown Make Conventional Bus
1	0.3	99983	Unknown Make Bus rear engine
3	0.9	99989	Unknown Make Unknown Bus
1	0.3	99999	Unknown Make Unknown Vehicle

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

N	Prcnt	Code	Value and Description
			Van Based Light Truck, GVWR < 10,000 lbs.
28	8.4	21	Large Van (excludes moving van)
1	0.3	22	Step Van or walk-in van
1	0.3	28	Other Van type
3	0.9	29	Unknown Van type
			Light Truck, GVWR < 10,000 lbs.
5	1.5	31	Standard Pickup (GVWR 4,500 to 10,000 lbs.)
			Other Light Truck, GVWR 10,000 lbs.
1	0.3	49	Unknown Light Vehicle type
111	33.2	50	School Bus
26	7.8	51	X-country/Intercity
103	30.8	52	Transit Bus
31	9.3	58	Other Bus type
17	5.1	59	Unknown Bus type
			Heavy/Medium Truck, GVWR > 10,000 lbs.
2	0.6	60	Step Van
5	1.5	99	Unknown Body Type

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

N	Prcnt	Code	Value and Description
2	0.6	1978	1978
		-	Actual model year
1	0.3	1981	1981
1	0.3	1982	1982
0	0.0	1983	1983
2	0.6	1984	1984
1	0.3	1985	1985
5	1.5	1986	1986
4	1.2	1987	1987
8	2.4	1988	1988
14	4.2	1989	1989
12	3.6	1990	1990
11	3.3	1991	1991
11	3.3	1992	1992
14	4.2	1993	1993
13	3.9	1994	1994
21	6.3	1995	1995
24	7.2	1996	1996
23	6.9	1997	1997
18	5.4	1998	1998
33	9.9	1999	1999
25	7.5	2000	2000
45	13.5	2001	2001
26	7.8	2002	2002
14	4.2	2003	2003
1	0.3	2004	2004
3	0.9	9999	Unknown

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

VEHICLE ID NUMBER - 1ST 12 POSITIONS

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

N	Prcnt	Code	Value and Description
35	10.5	0	Not applicable
2	0.6	1	Alabama
0	0.0	2	Alaska
8	2.4	4	Arizona
0	0.0	5	Arkansas
9	2.7	6	California
8	2.4	8	Colorado
1	0.3	9	Connecticut
3	0.9	10	Delaware

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Variable 123:REGISTRATION STATE (Continued)

N	Prcnt	Code	Value and Description
3	0.9	11	District of Columbia
20	6.0	12	Florida
11	3.3	13	Georgia
3	0.9	15	Hawaii
1	0.3	16	Idaho
6	1.8	17	Illinois
3	0.9	18	Indiana
2	0.6	19	Iowa
4	1.2	20	Kansas
3	0.9	21	Kentucky
4	1.2	22	Louisiana
0	0.0	23	Maine
12	3.6	24	Maryland
4	1.2	25	Massachusetts
6	1.8	26	Michigan
7	2.1	27	Minnesota
1	0.3	28	Mississippi
7	2.1	29	Missouri
1	0.3	30	Montana
2	0.6	31	Nebraska
6	1.8	32	Nevada
1	0.3	33	New Hampshire
13	3.9	34	New Jersey
2	0.6	35	New Mexico
28	8.4	36	New York
9	2.7	37	North Carolina
2	0.6	38	North Dakota
15	4.5	39	Ohio
3	0.9	40	Oklahoma
4	1.2	41	Oregon
27	8.1	42	Pennsylvania
0	0.0	43	Puerto Rico
0	0.0	44	Rhode Island
1	0.3	45	South Carolina
0	0.0	46	South Dakota
6	1.8	47	Tennessee
18	5.4	48	Texas
2	0.6	49	Utah
2	0.6	50	Vermont
5	1.5	51	Virginia
2	0.6	53	Washington
2	0.6	54	West Virginia
6	1.8	55	Wisconsin
1	0.3	56	Wyoming
2	0.6	92	No registration
7	2.1	93	Multiple state registration - in state
0	0.0	94	Multiple state registration - out-of-state
1	0.3	95	U.S. government tags
1	0.3	96	Military vehicle
1	0.3	97	Foreign country
0	0.0	98	Other registration

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Variable 123:REGISTRATION STATE (Continued)

N	Prcnt	Code	Value and Description
1	0.3	99	Unknown

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

N	Prcnt	Code	Value and Description
37	11.1	0	N/A, Vehicle Not Registered
5	1.5	1	Driver was Registered Owner
15	4.5	2	Driver Not Registered Owner (other private owner listed)
272	81.4	3	Vehicle registered as Business/Company/Government vehicle
4	1.2	4	Vehicle registered as Rental vehicle
0	0.0	5	Vehicle was Stolen (reported by police)
0	0.0	6	Driverless Vehicle
1	0.3	9	Unknown

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

N	Prcnt	Code	Value and Description
314	94.0	0	No rollover
8	2.4	1	First event
12	3.6	2	Subsequent event

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

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

N	Prcnt	Code	Value and Description
334	100.0	0	Not an articulated vehicle
0	0.0	1	No
0	0.0	2	First event
0	0.0	3	Subsequent event

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

N	Prcnt	Code	Value and Description
33	9.9	0	Stopped vehicle
		-	Actual miles per hour
1	0.3	75	
105	31.4	98	Not reported
82	24.6	99	Unknown

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

N	Prcnt	Code	Value and Description
330	98.8	0	No
1	0.3	1	Yes, Placarded
1	0.3	2	Yes, Not Placarded
0	0.0	3	Yes, Unknown if Placarded
2	0.6	9	Unknown

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

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

N	Prcnt	Code	Value and Description
330	98.8	0	No
0	0.0	1	Yes, one trailing unit
1	0.3	2	Yes, two trailing units
0	0.0	3	Yes, three or more trailing units
0	0.0	4	Yes, number of trailing units unknown
3	0.9	9	Unknown

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

N	Prcnt	Code	Value and Description
24	7.2	0	Not Applicable, not a med/heavy truck or bus
1	0.3	1	Single Unit Truck (SUT): 2 axles, 6 tires
1	0.3	3	SUT: Unk axles and tires
19	5.7	20	Bus (seats for 9-15 people, including driver)
283	84.7	21	Bus (seats for more than 15 people, including driver)
1	0.3	70	Light Truck (displaying hazardous materials placard)

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 130:VEHICLE CONFIGURATION (Continued)

N	Prcnt	Code	Value and Description
5	1.5	99	Unknown if light or med/heavy truck or bus

Variable 131	NUMBER OF AXLES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
26	7.8	0	Not Applicable, not a med/heavy truck or bus
175	52.4	2	2 axles
45	13.5	3	3 axles
83	24.9	98	Medium/Heavy Truck or Bus, no. of axles unk
5	1.5	99	Unknown if light or med/heavy truck or bus

Variable 132	CARGO BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
25	7.5	0	Not Applicable, not a med/heavy truck or bus
2	0.6	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
19	5.7	20	Bus (seats for 9-15 people, including driver)
283	84.7	21	Bus (seats for more than 15 people, including driver)
5	1.5	99	Unknown if light or med/heavy truck or bus

Variable 133	SPECIAL USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

N	Prcnt	Code	Value and Description
305	91.3	0	No special use
0	0.0	1	Taxi
15	4.5	2	Vehicle used as school bus
10	3.0	3	Vehicle used as other bus
1	0.3	4	Military
1	0.3	5	Police
0	0.0	6	Ambulance
0	0.0	7	Firetruck

Variable 133:SPECIAL USE (Continued)

N	Prcnt	Code	Value and Description
2	0.6	9	Unknown

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

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

N	Prcnt	Code	Value and Description
333	99.7	0	No
1	0.3	1	Yes

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

N	Prcnt	Code	Value and Description
10	3.0	0	Noncollision
7	2.1	1	1 o'clock
10	3.0	2	2 o'clock
12	3.6	3	3 o'clock
4	1.2	4	4 o'clock
4	1.2	5	5 o'clock
36	10.8	6	6 o'clock
6	1.8	7	7 o'clock
7	2.1	8	8 o'clock
14	4.2	9	9 o'clock
8	2.4	10	10 o'clock
21	6.3	11	11 o'clock
180	53.9	12	12 o'clock
2	0.6	13	Top
8	2.4	14	Undercarriage
5	1.5	99	Unknown

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

N	Prcnt	Code	Value and Description
10	3.0	0	Noncollision
7	2.1	1	1 o'clock
10	3.0	2	2 o'clock
12	3.6	3	3 o'clock
4	1.2	4	4 o'clock
2	0.6	5	5 o'clock

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Variable 136: IMPACT POINT - PRINCIPAL (Continued)

N	Prcnt	Code	Value and Description
36	10.8	6	6 o'clock
5	1.5	7	7 o'clock
8	2.4	8	8 o'clock
11	3.3	9	9 o'clock
7	2.1	10	10 o'clock
23	6.9	11	11 o'clock
177	53.0	12	12 o'clock
2	0.6	13	Top
15	4.5	14	Undercarriage
5	1.5	99	Unknown

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

N	Prcnt	Code	Value and Description
59	17.7	0	None
81	24.3	2	Other (minor)
66	19.8	4	Functional (moderate)
116	34.7	6	Disabling (severe)
12	3.6	9	Unknown

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

N	Prcnt	Code	Value and Description
10	3.0	0	Noncollision
175	52.4	1	Striking
137	41.0	2	Struck
11	3.3	3	Both
1	0.3	9	Unknown

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

N	Prcnt	Code	Value and Description
135	40.4	1	Driven
187	56.0	2	Towed away
2	0.6	3	Abandoned/Left at Scene
10	3.0	9	Unknown

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

N	Prcnt	Code	Value and Description
332	99.4	0	No fire
2	0.6	1	Fire occurred in vehicle during accident

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

N	Prcnt	Code	Value and Description
192	57.5	1	Going straight
10	3.0	2	Slowing or stopping in traffic lane
12	3.6	3	Starting in traffic lane
35	10.5	4	Stopped in traffic lane
2	0.6	5	Passing or overtaking another vehicle
3	0.9	6	Leaving a parked position
0	0.0	7	Parked
2	0.6	8	Entering a parked position
2	0.6	9	Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc.
3	0.9	10	Turning right: Right Turn On Red (RTOR) permitted
0	0.0	11	Turning right: RTOR not permitted
11	3.3	12	Turning right: RTOR not known if permitted or n/a
42	12.6	13	Turning left
1	0.3	14	Making a U-turn
1	0.3	15	Backing up (other than for parking purposes)
1	0.3	16	Changing lanes or merging
14	4.2	17	Negotiating a curve
3	0.9	98	Other
0	0.0	99	Unknown

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

N	Prcnt	Code	Value and Description
159	47.6	0	No Avoidance Maneuver Reported
12	3.6	1	Braking (skidmarks evident)
8	2.4	2	Braking (no skidmarks; driver stated)
6	1.8	3	Braking (other reported evidence)
18	5.4	4	Steering (evidence or stated)
20	6.0	5	Steer & Braking (evidence or stated)
0	0.0	6	Other Avoidance Maneuver
111	33.2	8	Not Reported (by Police)

Variable 144:MOST HARMFUL EVENT (Continued)

N	Prcnt	Code	Value and Description
0	0.0	99	Unknown

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

Noncollision Event

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

Collision With Object Not Fixed

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

Collision With Fixed Object

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

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Variable 144: MOST HARMFUL EVENT (Continued)

Code Value and Description

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

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

NUMBER OF DEATHS IN VEHICLE

N	Prcnt	Code	Value and Description
299	89.5	0	0 deaths
29	8.7	1	1 death
2	0.6	2	2 deaths
0	0.0	3	3 deaths
2	0.6	5	5 deaths
2	0.6	8	8 deaths

Variable 151	<u>VIN TRUCK FUEL CODE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 8

N	Prcnt	Code	Value and Description
0	0.0	1	(E) Electric operated
25	7.5	2	(G) Gas
124	37.1	3	(D) Diesel
0	0.0	4	(P) Propane
5	1.5	7	(*) Not available from VIN
0	0.0	8	(b) Unknown
180	53.9	9	(9) No VIN information

Variable 152	<u>VIN TRUCK WEIGHT CODE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
10	3.0	0	Value not returned
0	0.0	1	6,000 lbs. or less
18	5.4	2	6,001 - 10,000 lbs.
11	3.3	3	10,001 - 14,000 lbs.
21	6.3	4	14,001 - 16,000 lbs.
2	0.6	5	16,001 - 19,500 lbs.

Variable 152:VIN TRUCK WEIGHT CODE (Continued)

N	Prcnt	Code	Value and Description
18	5.4	6	19,501 - 26,000 lbs.
73	21.9	7	26,001 - 33,000 lbs.
2	0.6	8	33,001 lbs. or more
179	53.6	9	Value not coded

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

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

N	Prcnt	Code	Value and Description
2	0.6	6	- Actual length
330	98.8	17	
1	0.3	99	Unknown VIN length

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

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

NO. UNINJURED IN VEHICLE

N	Prcnt	Code	Value and Description
113	33.8	0	0 uninjured
209	62.6	1	1 uninjured
3	0.9	2	2 uninjured
1	0.3	3	3 uninjured
3	0.9	4	4 uninjured

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

NO. C-INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
230	68.9	0	0 C-injured

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Variable 157:NUMBER C-INJURED IN VEH (Continued)

N	Prcnt	Code	Value and Description
54	16.2	1	1 C-injured
10	3.0	2	2 C-injured
7	2.1	3	3 C-injured
9	2.7	4	4 C-injured
4	1.2	5	5 C-injured

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

NO. B-INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
278	83.2	0	0 B-injured
30	9.0	1	1 B-injured
8	2.4	2	2 B-injured
6	1.8	3	3 B-injured
1	0.3	4	4 B-injured
2	0.6	5	5 B-injured
1	0.3	35	35 B-injured

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

NO. A-INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
300	89.8	0	0 A-injured
13	3.9	1	1 A-injured
4	1.2	2	2 A-injured
4	1.2	3	3 A-injured
3	0.9	4	4 A-injured
3	0.9	5	5 A-injured
1	0.3	7	7 A-injured
1	0.3	8	8 A-injured
1	0.3	10	10 A-injured
3	0.9	15	15 A-injured
1	0.3	16	16 A-injured

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

NO. K-INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
299	89.5	0	0 killed
29	8.7	1	1 killed
2	0.6	2	2 killed
2	0.6	5	5 killed
2	0.6	8	8 killed

Variable 161	NUM UNK INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NO. UNK INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
331	99.1	0	0 unknown injured
1	0.3	1	1 unknown injured
1	0.3	3	3 unknown injured
1	0.3	8	8 unknown injured

Variable 162	VEH RELATED FACTORS #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

RELATED FACTORS AT VEHICLE LEVEL - RESPONSE #1

N	Prcnt	Code	Value and Description
319	95.5	0	None
Vehicle Condition(s) Noted:			
3	0.9	1	Tires
1	0.3	2	Brake system
0	0.0	3	Steering system - tie-rod, kingpin, ball-joint, etc.
0	0.0	4	Suspension - springs, shock-absorbers, MacPherson-struts, axle bearing, control-arm, etc.
0	0.0	5	Power train - universal-joint, drive-shaft, transmission, etc.
0	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
0	0.0	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors
0	0.0	12	Wipers
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors, hood, other
0	0.0	15	Trailer hitch

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 162:VEH RELATED FACTORS #1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	16	Wheels
0	0.0	17	Airbags
0	0.0	18	Other vehicle defects
0	0.0	19	Safety belts
Special Vehicle Flags:			
3	0.9	31	Hit-and-run vehicle
0	0.0	32	Vehicle registration for handicapped
0	0.0	33	Vehicle being pushed by nonmotorist
2	0.6	34	Vehicle impact point - the result of something set-in-motion
0	0.0	35	Reconstructed vehicles
1	0.3	36	Electric/Alternative fuel vehicles
2	0.6	37	Transporting Children to/from Head Start/Day Care
2	0.6	38	Vehicle went airborne during crash
0	0.0	39	Highway construction, maintenance, or utility vehicle in transport
1	0.3	99	Unknown

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

RELATED FACTORS AT VEHICLE LEVEL - RESPONSE #2

N	Prcnt	Code	Value and Description
332	99.4	0	None
Special Vehicle Flags:			
1	0.3	34	Vehicle impact point - the result of something set-in-motion
1	0.3	99	Unknown

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

N	Prcnt	Code	Value and Description
333	99.7	0	No Underride or Override
With 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

Variable 164:UNDERRIDE/OVERRIDE (Continued)

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

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

N	Prcnt	Code	Value and Description
Issuing Authority (cols 1-2)			
		00	Not applicable
1	0.3	01	
			- FARS State Code
4	1.2	55	
43	12.9	57	US DOT
2	0.6	58	ICC
1	0.3	59	
104	31.1	88	None
0	0.0	95	Canada
0	0.0	96	Mexico
1	0.3	97	
98	29.3	99	Unknown
Identification Number (cols 3-11)			
		000000000	Not applicable
		888888888	None
		999999999	Unknown

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

N	Prcnt	Code	Value and Description
16	4.8	0	Not used as a bus
95	28.4	1	Used as a Public school bus
4	1.2	2	Used as a Private school bus
40	12.0	3	Used as a School bus, public or private unknown
86	25.7	4	Used as a Scheduled service bus
21	6.3	5	Used as a Tour bus
23	6.9	6	Used as a Commuter bus
13	3.9	7	Used as a Shuttle bus

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Variable 171:BUS USE (Continued)

N	Prcnt	Code	Value and Description
2	0.6	8	Modified for personal/private use
34	10.2	9	Unknown bus use

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

N	Prcnt	Code	Value and Description
24	7.2	0	Not applicable
12	3.6	1	10,000 lbs or less
60	18.0	2	10,001 - 26,000 lbs
194	58.1	3	26,001 lbs or more
44	13.2	9	Unknown

The DRIVER Variables

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

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

N	Prcnt	Code	Value and Description
333	99.7	1	Driver operated vehicle
1	0.3	2	Driverless
0	0.0	3	Driver left scene
0	0.0	9	Unknown

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

N	Prcnt	Code	Value and Description
331	99.1	0	No drinking reported
3	0.9	1	Drinking reported
0	0.0	8	Not reported
0	0.0	9	Unknown

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

N	Prcnt	Code	Value and Description
2	0.6	1	Alabama
0	0.0	2	Alaska
8	2.4	4	Arizona
1	0.3	5	Arkansas
39	11.7	6	California
9	2.7	8	Colorado
1	0.3	9	Connecticut
3	0.9	10	Delaware
1	0.3	11	District of Columbia
21	6.3	12	Florida
12	3.6	13	Georgia
3	0.9	15	Hawaii
1	0.3	16	Idaho
7	2.1	17	Illinois
4	1.2	18	Indiana
2	0.6	19	Iowa
3	0.9	20	Kansas
4	1.2	21	Kentucky
4	1.2	22	Louisiana
0	0.0	23	Maine

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Variable 209: LICENSE STATE (Continued)

N	Prcnt	Code	Value and Description
14	4.2	24	Maryland
5	1.5	25	Massachusetts
6	1.8	26	Michigan
6	1.8	27	Minnesota
1	0.3	28	Mississippi
9	2.7	29	Missouri
1	0.3	30	Montana
4	1.2	31	Nebraska
5	1.5	32	Nevada
1	0.3	33	New Hampshire
10	3.0	34	New Jersey
2	0.6	35	New Mexico
30	9.0	36	New York
9	2.7	37	North Carolina
2	0.6	38	North Dakota
15	4.5	39	Ohio
7	2.1	40	Oklahoma
5	1.5	41	Oregon
28	8.4	42	Pennsylvania
0	0.0	44	Rhode Island
1	0.3	45	South Carolina
1	0.3	46	South Dakota
5	1.5	47	Tennessee
19	5.7	48	Texas
2	0.6	49	Utah
2	0.6	50	Vermont
4	1.2	51	Virginia
5	1.5	53	Washington
2	0.6	54	West Virginia
6	1.8	55	Wisconsin
0	0.0	56	Wyoming
0	0.0	94	Military
0	0.0	95	Canada
0	0.0	96	Mexico
0	0.0	97	Other foreign country
2	0.6	99	Unknown

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

NON-CDL LICENSE STATUS, REGARDLESS OF VEH. DRIVEN

N	Prcnt	Code	Value and Description
			No valid license
0	0.0	0	Not licensed
0	0.0	1	Suspended
0	0.0	2	Revoked
2	0.6	3	Expired

Variable 210:NON-CDL LICENSE STATUS (Continued)

N	Prcnt	Code	Value and Description
0	0.0	4	Cancelled or denied
Valid license			
326	97.6	6	Valid
1	0.3	7	Learner's permit/Restricted
0	0.0	8	Temporary
5	1.5	9	Unknown

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

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

N	Prcnt	Code	Value and Description
0	0.0	0	Not licensed
0	0.0	1	No license required for this class vehicle
6	1.8	2	No valid license for this class vehicle
321	96.1	3	Valid license for this class vehicle
2	0.6	8	Unknown if CDL and/or CDL endorsement required for this vehicle
5	1.5	9	Unknown

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

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

N	Prcnt	Code	Value and Description
24	7.2	0	No CDL
0	0.0	1	Suspended
0	0.0	2	Revoked
1	0.3	3	Expired
0	0.0	4	Cancelled or denied
0	0.0	5	Disqualified
304	91.0	6	Valid
0	0.0	7	Learner's permit
0	0.0	8	Other - not valid
5	1.5	9	Unknown

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Variable 213	LICENSE ENDORSEMENTS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

COMPLIANCE WITH LICENSE ENDORSEMENTS

N	Prcnt	Code	Value and Description
74	22.2	0	No Endorsements
203	60.8	1	Endorsement(s) complied with
4	1.2	2	Endorsement(s) not complied with
43	12.9	3	Endorsement(s), compliance unknown
10	3.0	9	Unknown

Variable 214	LICENSE RESTRICTIONS MET	Width: 1	Type: Numeric
		Dec: None	Miss: 9

COMPLIANCE WITH LICENSE RESTRICTIONS

N	Prcnt	Code	Value and Description
165	49.4	0	No restrictions or not applicable
44	13.2	1	Restrictions complied with
2	0.6	2	Restrictions not complied with
116	34.7	3	Restrictions, compliance unknown
7	2.1	9	Unknown

Variable 216	NUMBER OF PREV ACCIDENTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NUMBER OF PREVIOUS RECORDED ACCIDENTS

N	Prcnt	Code	Value and Description
261	78.1	0	0 accidents
40	12.0	1	1 accident
10	3.0	2	2 accidents
2	0.6	3	3 accidents
1	0.3	4	4 accidents
15	4.5	98	Accidents not reported on driving record
5	1.5	99	Unknown

Variable 217	NUMBER PREV SUSPENSIONS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

N	Prcnt	Code	Value and Description
323	96.7	0	0 suspensions
4	1.2	1	1 suspension
1	0.3	2	2 suspensions
1	0.3	3	3 suspensions
5	1.5	99	Unknown

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

NUMBER OF PREVIOUS DWI CONVICTIONS

N	Prcnt	Code	Value and Description
329	98.5	0	0 DWI convictions
5	1.5	99	Unknown

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

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

N	Prcnt	Code	Value and Description
293	87.7	0	0 speed convictions
30	9.0	1	1 speed conviction
4	1.2	2	2 speed convictions
1	0.3	4	4 speed convictions
1	0.3	6	6 speed convictions
5	1.5	99	Unknown

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

NO. PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

N	Prcnt	Code	Value and Description
297	88.9	0	0 other convictions
26	7.8	1	1 other conviction
6	1.8	2	2 other convictions
5	1.5	99	Unknown

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

LAST ACC./SUSPENSION/CONVICTION - MONTH

N	Prcnt	Code	Value and Description
230	68.9	0	No record
6	1.8	1	January
9	2.7	2	February
12	3.6	3	March
8	2.4	4	April
13	3.9	5	May
7	2.1	6	June
9	2.7	7	July
8	2.4	8	August
6	1.8	9	September
10	3.0	10	October
7	2.1	11	November
4	1.2	12	December
5	1.5	99	Unknown

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

LAST ACC./SUSPENSION/CONVICTION - YEAR

N	Prcnt	Code	Value and Description
230	68.9	0	No record
9	2.7	2000	2000
30	9.0	2001	2001
38	11.4	2002	2002
22	6.6	2003	2003
5	1.5	9999	Unknown

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

1ST ACC./SUSPENSION/CONVICTION - MONTH

N	Prcnt	Code	Value and Description
230	68.9	0	No record
11	3.3	1	January
10	3.0	2	February
11	3.3	3	March
7	2.1	4	April
9	2.7	5	May
9	2.7	6	June
8	2.4	7	July
11	3.3	8	August

Variable 223:FIRST ACCIDENT - MONTH (Continued)

N	Prcnt	Code	Value and Description
8	2.4	9	September
7	2.1	10	October
2	0.6	11	November
6	1.8	12	December
5	1.5	99	Unknown

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

1ST ACCIDENT/SUSPENSION/CONVICTION - YEAR

N	Prcnt	Code	Value and Description
230	68.9	0	No record
17	5.1	2000	2000
40	12.0	2001	2001
28	8.4	2002	2002
14	4.2	2003	2003
5	1.5	9999	Unknown

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

FACTORS AT DRIVER LEVEL - RESPONSE #1

N	Prcnt	Code	Value and Description
218	65.3	0	None
Physical/Mental Condition			
0	0.0	1	Drowsy, sleepy, asleep, fatigued
1	0.3	2	Ill, passed out, blackout
0	0.0	3	Emotional (e.g., depression, angry, disturbed)
0	0.0	4	Reaction to drugs - medication
1	0.3	5	Under influence of alcohol, drugs or medication
18	5.4	6	Inattentive (talking, eating, etc.)
0	0.0	7	Restricted to wheelchair
0	0.0	8	Paraplegic
0	0.0	9	Impaired due to previous injury
0	0.0	10	Deaf
0	0.0	11	Other physical impairment
0	0.0	12	Mother of dead fetus
0	0.0	13	Mentally challenged
0	0.0	14	Failure to take drugs/medication
0	0.0	15	Seat back reclined
0	0.0	16	Police/law enf officer

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Variable 227:DRIVER RELATED FACTORS#1 (Continued)

N	Prcnt	Code	Value and Description
Miscellaneous Causes			
10	3.0	17	Running off road
0	0.0	18	Travelling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license
1	0.3	20	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	22	Towing or pushing vehicle improperly
0	0.0	23	Failing to dim or to have lights on when required
0	0.0	24	Operating without required equipment
0	0.0	25	Creating unlawful noise or using equipment prohibited by law
1	0.3	26	Following improperly
0	0.0	27	Improper or erratic lane changing
2	0.6	28	Failure to keep in proper lane or running off road
0	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median or on separator
0	0.0	30	Making improper entry to or exit from trafficway
0	0.0	31	Starting or backing improperly
0	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass
0	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
4	1.2	36	Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	37	High speed chase - police in pursuit
29	8.7	38	Failure to yield right-of-way
5	1.5	39	Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	43	Giving wrong signal
2	0.6	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
0	0.0	46	Racing
0	0.0	47	Making right turn from left turn lane, making left turn from right turn lane
2	0.6	48	Making other improper turn
0	0.0	49	Failure to comply with physical restrictions of license
0	0.0	50	Driving wrong way on one-way trafficway
0	0.0	51	Driving on wrong side of road (intentionally or unintentionally)
0	0.0	52	Operator inexperience
0	0.0	53	Unfamiliar with roadway
0	0.0	54	Stopped or stopping in roadway (vehicle not abandoned)
0	0.0	55	Underriding a parked truck

Variable 227:DRIVER RELATED FACTORS#1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	56	Improper tire pressure
0	0.0	57	Locked wheel
0	0.0	58	Over correcting
0	0.0	59	Getting off/out of or on/in to moving vehicle
0	0.0	60	Getting off/out of or on/in to nonmoving vehicle
Vision Obscured By:			
0	0.0	61	Rain, snow, fog, smoke, sand, dust
1	0.3	62	Reflected glare, bright sunlight, headlights
1	0.3	63	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	64	Building, billboard, other structures
0	0.0	65	Trees, crops, vegetation
1	0.3	66	Motor vehicle (including load)
1	0.3	67	Parked vehicle
0	0.0	68	Splash or spray of passing vehicle
0	0.0	69	Inadequate defrost or defog system
0	0.0	70	Inadequate lighting system
3	0.9	71	Obstructing angles on vehicle
0	0.0	72	Mirrors - rear view
0	0.0	73	Mirrors - other
0	0.0	74	Head restraints
0	0.0	75	Broken or improperly cleaned windshield
1	0.3	76	Other obstruction
Avoiding, Swerving or Sliding due to:			
0	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
0	0.0	79	Slippery or loose surface
2	0.6	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
1	0.3	84	Vehicle in road
0	0.0	85	Phantom vehicle
1	0.3	86	Pedestrian, pedalcyclist, or other nonmotorist in road
3	0.9	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
0	0.0	88	Trailer fishtailing or swaying
Other Miscellaneous Factors			
1	0.3	89	Driver has a driving record or driver's licence from more than one state
1	0.3	90	Hit-and-run vehicle driver
3	0.9	91	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
1	0.3	92	Other nonmoving traffic violations
Possible distractions (inside vehicle)			
11	3.3	93	Cellular phone
0	0.0	94	Cellular phone in use in vehicle
0	0.0	95	Computer Fax Machine/Printers
0	0.0	96	On-board Navigation system

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 227:DRIVER RELATED FACTORS#1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
7	2.1	99	Unknown

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

FACTORS AT DRIVER LEVEL - RESPONSE #2

N	Prcnt	Code	Value and Description
296	88.6	0	None
Miscellaneous Causes			
4	1.2	17	Running off road
1	0.3	26	Following improperly
1	0.3	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median or on separator
1	0.3	36	Operating the vehicle in an erratic, reckless, careless or negligent manner
2	0.6	38	Failure to yield right-of-way
7	2.1	44	Driving too fast for conditions or in excess of posted maximum
1	0.3	48	Making other improper turn
3	0.9	58	Over correcting
Vision Obscured By:			
2	0.6	61	Rain, snow, fog, smoke, sand, dust
1	0.3	65	Trees, crops, vegetation
1	0.3	66	Motor vehicle (including load)
Avoiding, Swerving or Sliding due to:			
1	0.3	80	Tire blow-out or flat
1	0.3	86	Pedestrian, pedalcyclist, or other nonmotorist in road
1	0.3	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
Other Miscellaneous Factors			
1	0.3	90	Hit-and-run vehicle driver
1	0.3	91	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
Possible distractions (inside vehicle)			
2	0.6	93	Cellular phone
7	2.1	99	Unknown

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

FACTORS AT DRIVER LEVEL - RESPONSE #3

N	Prcnt	Code	Value and Description
317	94.9	0	None
			Miscellaneous Causes
2	0.6	28	Failure to keep in proper lane or running off road
1	0.3	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
1	0.3	58	Over correcting
			Vision Obscured By:
1	0.3	67	Parked vehicle
			Avoiding, Swerving or Sliding due to:
2	0.6	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Other Miscellaneous Factors
2	0.6	92	Other nonmoving traffic violations
			Possible distractions (inside vehicle)
1	0.3	98	Head-up display
7	2.1	99	Unknown

Variable 230	DRIVER RELATED FACTORS#4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FACTORS AT DRIVER LEVEL - RESPONSE #4

N	Prcnt	Code	Value and Description
325	97.3	0	None
			Miscellaneous Causes
1	0.3	21	Overloading or improper loading of vehicle with passengers or cargo
1	0.3	58	Over correcting
7	2.1	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable	231	VIOLATIONS CHARGED #1	Width: 2	Type: Numeric
			Dec: None	Miss: 99
N	Prcnt	Code Value and Description		
301	90.1	0 None		
RECKLESS/CARELESS/HIT-AND-RUN TYPE OFFENSES				
6	1.8	1 Manslaughter or Homicide		
2	0.6	2 Willful Reckless Driving; Driving to Endanger; Negligent Driving		
1	0.3	3 Unsafe Reckless (Not Willful, Wanton Reckless) Driving		
6	1.8	4 Inattentive, Careless, Improper Driving		
0	0.0	5 Fleeing or Eluding Police		
0	0.0	6 Fail to Obey Police, Fireman, Authorized Person Directing Traffic		
0	0.0	7 Hit-and-Run, Fail to Stop After Accident		
0	0.0	8 Fail to Give Aid, Info., Wait for Police After Accident		
0	0.0	9 Serious Violation Resulting in Death		
IMPAIRMENT OFFENSES				
0	0.0	11 Driving While Intoxicated (Alcohol or Drugs) or BAC Above Limit		
0	0.0	12 Driving While Impaired		
0	0.0	13 Driving Under Influence of Substance Not Intended to Intoxicate		
0	0.0	14 Drinking While Operating		
0	0.0	15 Illegal Possession of Alcohol or Drugs		
0	0.0	16 Driving With Detectable Alcohol		
0	0.0	18 Refusal to Submit to Chemical Test		
0	0.0	19 Alcohol, Drug, or Impairment Violations Generally		
SPEED-RELATED OFFENSES				
0	0.0	21 Racing		
0	0.0	22 Speeding (Above the Speed Limit)		
1	0.3	23 Speed Greater than Reasonable & Prudent		
0	0.0	24 Exceeding Special Speed Limit (e.g.: for Trucks, Buses, Cycles, or on Bridge, in School Zone, etc.)		
0	0.0	25 Energy Speed (Exceeding 55 MPH, Non-Pointable)		
0	0.0	26 Driving too Slowly		
1	0.3	29 Speed Related Violations Generally		
RULES OF THE ROAD - TRAFFIC SIGN & SIGNALS				
0	0.0	31 Fail to Stop for Red Signal		
0	0.0	32 Fail to Stop for Flashing Red		
1	0.3	33 Violation of Turn on Red (Fail to Stop & Yield, Yield to Pedestrians Before Turning)		
0	0.0	34 Fail to Obey Flashing Signal (Yellow or Red)		

Variable 231:VIOLATIONS CHARGED #1 (Continued)

N	Prcnt	Code	Value and Description
1	0.3	35	Fail to Obey Signal Generally
0	0.0	36	Violate RR Grade Crossing Device/Regulations
0	0.0	37	Fail to Obey Stop Sign
0	0.0	38	Fail to Obey Yield Sign
0	0.0	39	Fail to Obey Traffic Control Device Generally
RULES OF THE ROAD - TURNING, YIELDING, SIGNALING			
0	0.0	41	Turn in Violation of Traffic Control (Disobey Signs, Turn Arrow or Pavement Markings; this is not a Right-on-Red Violation)
0	0.0	42	Improper Method & Position of Turn (Too Wide, Wrong Lane)
0	0.0	43	Fail to Signal for Turn or Stop
0	0.0	45	Fail to Yield to Emergency Vehicle
3	0.9	46	Fail to Yield Generally
0	0.0	48	Enter Intersection When Space Insufficient
0	0.0	49	Turn, Yield, Signaling Violations Generally
RULES OF THE ROAD -WRONG SIDE, PASSING & FOLLOWING			
0	0.0	51	Driving Wrong Way on One-Way Road
0	0.0	52	Driving on Left, Wrong Side of Road Generally
0	0.0	53	Improper, Unsafe Passing
0	0.0	54	Pass on Right (Drive off Pavement to Pass)
0	0.0	55	Pass Stopped School Bus
0	0.0	56	Fail to Give Way When Overtaken
0	0.0	58	Following too Closely
0	0.0	59	Wrong Side, Passing, Following Violations Generally
RULES OF THE ROAD - LANE USAGE			
0	0.0	61	Unsafe or Prohibited Lane Change
0	0.0	62	Improper use of Lane (Enter of 3-Lane Road, HOV Designated Lane)
0	0.0	63	Certain Traffic to use Right Lane (Trucks, Slow Moving, etc.)
0	0.0	66	Motorcycle Lane Violations (More than two per Lane, Riding Between Lanes, etc.)
0	0.0	67	Motorcyclist Attached to Another Vehicle
1	0.3	69	Lane Violations Generally
NON-MOVING - LICENSE & REGISTRATION VIOLATIONS			
0	0.0	71	Driving While License Withdrawn
0	0.0	72	Other Driver License Violations
1	0.3	73	Commercial Driver Violations
0	0.0	74	Vehicle Registration Violations
0	0.0	75	Fail to Carry Insurance Card
0	0.0	76	Driving Uninsured Vehicle
0	0.0	79	Non-Moving Violations Generally
EQUIPMENT			
0	0.0	81	Lamp Violations

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 231: VIOLATIONS CHARGED #1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	82	Brake Violations
1	0.3	83	Failure to Require Restraint use (by Self or Passenger)
0	0.0	84	Motorcycle Equipment Violations (Helmet, Special Equipment)
0	0.0	85	Violation of Hazardous Cargo Regulations
0	0.0	86	Size, weight, Load Violations
0	0.0	89	Equipment Violations Generally
OTHER VIOLATIONS			
0	0.0	91	Parking
1	0.3	92	Theft, Unauthorized use of Motor Vehicle
0	0.0	93	Driving where Prohibited (Sidewalk, Limited Access, Off Truck Route)
1	0.3	98	Other Moving Violation
6	1.8	99	Unknown Violation

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

N	Prcnt	Code	Value and Description
320	95.8	0	None
RECKLESS/CARELESS/HIT-AND-RUN TYPE OFFENSES			
2	0.6	4	Inattentive, Careless, Improper Driving
1	0.3	7	Hit-and-Run, Fail to Stop After Accident
1	0.3	9	Serious Violation Resulting in Death
SPEED-RELATED OFFENSES			
1	0.3	22	Speeding (Above the Speed Limit)
RULES OF THE ROAD - TRAFFIC SIGN & SIGNALS			
1	0.3	39	Fail to Obey Traffic Control Device Generally
RULES OF THE ROAD - TURNING, YIELDING, SIGNALING			
2	0.6	46	Fail to Yield Generally
NON-MOVING - LICENSE & REGISTRATION VIOLATIONS			
1	0.3	73	Commercial Driver Violations
EQUIPMENT			
1	0.3	83	Failure to Require Restraint use (by Self or Passenger)
4	1.2	99	Unknown Violation

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

N	Prcnt	Code	Value and Description
330	98.8	0	None
4	1.2	99	Unknown Violation

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

N	Prcnt	Code	Value and Description
1	0.3	53	- Actual inches
2	0.6	77	
5	1.5	99	Unknown

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

N	Prcnt	Code	Value and Description
1	0.3	100	- Actual weight in pounds
1	0.3	355	
0	0.0	998	Other
107	32.0	999	Unknown

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The OCCUPANT Variables

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

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

N	Prcnt	Code	Value and Description
1	0.3	0	None
333	99.7	1	Occupant #1

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

N	Prcnt	Code	Value and Description
1	0.3	18	18 years
1	0.3	19	19 years
1	0.3	20	20 years
2	0.6	22	22 years
4	1.2	23	23 years
2	0.6	24	24 years
1	0.3	25	25 years
3	0.9	26	26 years
8	2.4	27	27 years
3	0.9	28	28 years
5	1.5	29	29 years
4	1.2	30	30 years
8	2.4	31	31 years
7	2.1	32	32 years
8	2.4	33	33 years
8	2.4	34	34 years
3	0.9	35	35 years
6	1.8	36	36 years
10	3.0	37	37 years
11	3.3	38	38 years
15	4.5	39	39 years
8	2.4	40	40 years
11	3.3	41	41 years
9	2.7	42	42 years
14	4.2	43	43 years
5	1.5	44	44 years
8	2.4	45	45 years
11	3.3	46	46 years
15	4.5	47	47 years
6	1.8	48	48 years
8	2.4	49	49 years
9	2.7	50	50 years
13	3.9	51	51 years
9	2.7	52	52 years

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
 FARS OCCUPANT VARIABLES

Variable 308:OCCUPANT AGE (Continued)

N	Prcnt	Code	Value and Description
9	2.7	53	53 years
4	1.2	54	54 years
4	1.2	55	55 years
12	3.6	56	56 years
7	2.1	57	57 years
10	3.0	58	58 years
5	1.5	59	59 years
8	2.4	60	60 years
4	1.2	61	61 years
5	1.5	62	62 years
1	0.3	63	63 years
3	0.9	64	64 years
5	1.5	65	65 years
4	1.2	66	66 years
3	0.9	67	67 years
2	0.6	68	68 years
3	0.9	70	70 years
1	0.3	72	72 years
2	0.6	73	73 years
1	0.3	75	75 years
4	1.2	99	Unknown

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

N	Prcnt	Code	Value and Description
220	65.9	1	Male
112	33.5	2	Female
2	0.6	9	Unknown

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

N	Prcnt	Code	Value and Description
333	99.7	1	Driver of a motor vehicle in transport
1	0.3	99	Unknown occupant type

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

N	Prcnt	Code	Value and Description
333	99.7	11	Front seat - left side (driver's side)
1	0.3	99	Unknown

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

RESTRAINT SYSTEM USE

N	Prcnt	Code	Value and Description
29	8.7	0	None used (vehicle occupant) or not applicable (nonmotorist)
1	0.3	1	Shoulder belt
74	22.2	2	Lap belt
179	53.6	3	Lap and shoulder belt
12	3.6	8	Restraint used - type unknown or other
0	0.0	13	Safety belt used improperly
39	11.7	99	Unknown

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

AIRBAG AVAILABILITY - DEPLOYMENT

N	Prcnt	Code	Value and Description
0	0.0	0	Nonmotorist
			Deployed (For This Seat)
12	3.6	1	From the FRONT
0	0.0	2	From the SIDE
0	0.0	7	From OTHER direction
0	0.0	8	From MULTIPLE direction
1	0.3	9	From UNKNOWN direction
			Not Deployed (for this seat)
8	2.4	20	Airbag available - NO DEPLOYMENT
0	0.0	28	Airbag available - SWITCHED OFF
			Unknown if Deployed
6	1.8	29	Airbag available - UNKNOWN IF DEPLOYED
			Not Available
303	90.7	30	Not available (this seat)
0	0.0	31	PREVIOUSLY DEPLOYED/NOT REPLACED
0	0.0	32	DISABLED/REMOVED
4	1.2	99	Unknown if airbag available (for this seat)

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

N	Prcnt	Code	Value and Description
327	97.9	0	Not ejected - not applicable
4	1.2	1	Totally ejected

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Variable 314: OCCUPANT EJECTION (Continued)

N	Prcnt	Code	Value and Description
2	0.6	2	Partially ejected
1	0.3	9	Unknown

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

N	Prcnt	Code	Value and Description
327	97.9	0	Not Ejected: N/A
2	0.6	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 pick-up truck)
5	1.5	9	Unknown/unknown path

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

N	Prcnt	Code	Value and Description
329	98.5	0	Not extricated - not applicable
4	1.2	1	Extricated
1	0.3	9	Unknown

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

POLICE REPORTED OTHER DRUG INVOLVEMENT

N	Prcnt	Code	Value and Description
114	34.1	0	No (other drugs not involved)
0	0.0	1	Yes (other drugs involved)
207	62.0	8	Not Reported
13	3.9	9	Unknown (police reported as unknown)

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

METHOD OTHER DRUG DETERMINATION (POLICE)

N	Prcnt	Code	Value and Description
6	1.8	1	Evidential Test (blood, urine)
1	0.3	2	Drug Recognition Technician (DRT) determined
8	2.4	3	Behavioral
11	3.3	7	Other
308	92.2	8	Not Reported

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

N	Prcnt	Code	Value and Description
218	65.3	0	Not Tested For Drugs
36	10.8	1	Blood Test
14	4.2	2	Urine Test
0	0.0	3	Both: Blood and Urine
2	0.6	7	Unknown Test Type
0	0.0	8	Other Type Test
64	19.2	9	Unknown if Tested for Drugs

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

N	Prcnt	Code	Value and Description
218	65.3	0	Not Tested For Drugs
36	10.8	1	No Drugs Reported
0	0.0	100	- Narcotic Drug
0	0.0	295	
0	0.0	300	- Depressant Drug
0	0.0	395	
0	0.0	400	- Stimulant Drug
0	0.0	495	
0	0.0	500	- Hallucinogen Drug
0	0.0	595	
0	0.0	600	- Cannabinoid Drug

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Variable 324:DRUG TEST RESULTS #1 (Continued)

N	Prcnt	Code	Value and Description
1	0.3	695	
0	0.0	700	
0	0.0	795	- Phencyclidine (PCP)
0	0.0	800	
0	0.0	895	- Anabolic Steroid
0	0.0	900	
0	0.0	995	- Inhalant Drug
2	0.6	996	Other Drug
11	3.3	997	Tested For Drugs, Results Unknown
0	0.0	998	Tested For Drugs, Drugs Found, Type Unknown
65	19.5	999	Unknown if Tested for Drugs

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

N	Prcnt	Code	Value and Description
299	89.5	0	Not Tested For Drugs
1	0.3	1	Blood Test
0	0.0	2	Urine Test
0	0.0	3	Both: Blood and Urine
0	0.0	7	Unknown Test Type
0	0.0	8	Other Type Test
34	10.2	9	Unknown if Tested for Drugs

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

N	Prcnt	Code	Value and Description
299	89.5	0	Not Tested For Drugs
1	0.3	1	No Drugs Reported
0	0.0	100	
0	0.0	295	- Narcotic Drug
0	0.0	300	
0	0.0	395	- Depressant Drug

Variable 326:DRUG TEST RESULTS #2 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	400	
		-	Stimulant Drug
0	0.0	495	
0	0.0	500	
		-	Hallucinogen Drug
0	0.0	595	
0	0.0	600	
		-	Cannabinoid Drug
0	0.0	695	
0	0.0	700	
		-	Phencylidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
0	0.0	995	
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
34	10.2	999	Unknown if Tested for Drugs

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

N	Prcnt	Code	Value and Description
299	89.5	0	Not Tested For Drugs
1	0.3	1	Blood Test
0	0.0	2	Urine Test
0	0.0	3	Both: Blood and Urine
0	0.0	7	Unknown Test Type
0	0.0	8	Other Type Test
34	10.2	9	Unknown if Tested for Drugs

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 328	DRUG TEST RESULTS #3	Width: 3	Type: Numeric
		Dec: None	Miss: 999

N	Prcnt	Code	Value and Description
299	89.5	0	Not Tested For Drugs
1	0.3	1	No Drugs Reported
0	0.0	100	- Narcotic Drug
0	0.0	295	
0	0.0	300	- Depressant Drug
0	0.0	395	
0	0.0	400	- Stimulant Drug
0	0.0	495	
0	0.0	500	- Hallucinogen Drug
0	0.0	595	
0	0.0	600	- Cannabinoid Drug
0	0.0	695	
0	0.0	700	- Phencyclidine (PCP)
0	0.0	795	
0	0.0	800	- Anabolic Steroid
0	0.0	895	
0	0.0	900	- Inhalant Drug
0	0.0	995	
0	0.0	996	Other Drug
0	0.0	997	Tested For Drugs, Results Unknown
0	0.0	998	Tested For Drugs, Drugs Found, Type Unknown
34	10.2	999	Unknown if Tested for Drugs

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

N	Prcnt	Code	Value and Description
214	64.1	0	O - no injury
59	17.7	1	C - possible injury
28	8.4	2	B - nonincapacitating evident injury
21	6.3	3	A - incapacitating injury

Variable 329:OCCUPANT INJURY SEVERITY (Continued)

N	Prcnt	Code	Value and Description
9	2.7	4	K - fatal injury
2	0.6	5	Injured, severity unknown
0	0.0	6	Died prior to accident
1	0.3	9	Unknown

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

TAKEN TO HOSPITAL OR TREATMENT FACILITY

N	Prcnt	Code	Value and Description
234	70.1	0	No
97	29.0	1	Yes
0	0.0	7	Died at the scene
0	0.0	8	Died En Route
3	0.9	9	Unknown

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

N	Prcnt	Code	Value and Description
324	97.0	0	Not applicable
0	0.0	1	January
0	0.0	2	February
1	0.3	3	March
1	0.3	4	April
0	0.0	5	May
0	0.0	6	June
1	0.3	7	July
0	0.0	8	August
3	0.9	9	September
1	0.3	10	October
1	0.3	11	November
1	0.3	12	December
1	0.3	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 332	OCC DEATH DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
324	97.0	0	Not applicable
0	0.0	1	
			- Day of month
0	0.0	31	
1	0.3	99	Unknown

Variable 333	OCC DEATH DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

N	Prcnt	Code	Value and Description
324	97.0	0	Not applicable
9	2.7	2003	2003
1	0.3	9999	Unknown

Variable 334	OCC DEATH TIME - HOURS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
324	97.0	0	12:01 am - 12:59 am, or not applicable
1	0.3	3	3:00 am - 3:59 am
1	0.3	7	7:00 am - 7:59 am
1	0.3	10	10:00 am - 10:59 am
1	0.3	14	2:00 pm - 2:59 pm
3	0.9	15	3:00 pm - 3:59 pm
1	0.3	16	4:00 pm - 4:59 pm
1	0.3	22	10:00 pm - 10:59 pm
1	0.3	99	Unknown

Variable 335	OCC DEATH TIME - MINUTES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
325	97.3	0	
			- Minute
0	0.0	59	
1	0.3	99	Unknown

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

N	Prcnt	Code	Value and Description
5	1.5	0	- Actual time in hours
1	0.3	421	
325	97.3	999	Unknown

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

N	Prcnt	Code	Value and Description
2	0.6	0	No
5	1.5	1	Yes
324	97.0	8	Not Applicable (not a fatality)
3	0.9	9	Unknown

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

N	Prcnt	Code	Value and Description
227	68.0	0	No (alcohol not involved)
2	0.6	1	Yes (alcohol involved)
83	24.9	8	Not reported
22	6.6	9	Unknown (police reported)

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

METHOD OF ALCOHOL DETERMINATION (POLICE)

N	Prcnt	Code	Value and Description
21	6.3	1	Evidential test (breath, blood, urine)
6	1.8	2	Preliminary Breath Test (PBT)
3	0.9	3	Behavioral
0	0.0	4	Passive Alcohol Sensor (PAS)
50	15.0	5	Observed
2	0.6	8	Other (e.g., saliva test)
252	75.4	9	Not reported

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 347	ALCOHOL TEST TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
194	58.1	0	Not tested for Alcohol
66	19.8	1	Whole Blood
13	3.9	2	Breath "BAC"
7	2.1	3	Urine
0	0.0	4	Vitreous
0	0.0	5	Blood Plasma/Serum
0	0.0	6	Blood Clot
0	0.0	7	Liver
2	0.6	8	Other Test Type
52	15.6	9	Unknown

Variable 348	OCC ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

N	Prcnt	Code	Value and Description
75	22.5	0.00	BAC result < 0.01% - Result value (grams/100 ml) %
1	0.3	0.01	
0	0.0	0.95	Test refused
194	58.1	0.96	None given
12	3.6	0.97	AC test performed, results unknown
52	15.6	0.99	Unknown

Variable 361	RACE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
325	97.3	0	Not applicable
4	1.2	1	White
1	0.3	2	Black
0	0.0	3	American Indian
			Asian or Pacific Islander
0	0.0	4	Chinese
0	0.0	5	Japanese
0	0.0	6	Hawaiian
0	0.0	7	Filipino
0	0.0	18	Asian Indian
0	0.0	28	Korean
0	0.0	38	Samoan
0	0.0	48	Vietnamese
0	0.0	58	Guamanian
0	0.0	68	Other Asian
0	0.0	78	Asian\Pacific Islander

Variable 361:RACE (Continued)

N	Prcnt	Code	Value and Description
0	0.0	98	All other races
4	1.2	99	Unknown

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

N	Prcnt	Code	Value and Description
325	97.3	0	Not applicable
0	0.0	1	Mexican
0	0.0	2	Puerto Rican
0	0.0	3	Cuban
0	0.0	4	Central or South American
0	0.0	5	European Spanish
0	0.0	6	Hispanic - not specified
5	1.5	7	Non-Hispanic
4	1.2	99	Unknown

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

N	Prcnt	Code	Value and Description
328	98.2	0	Not applicable
4	1.2	7	Died at scene
1	0.3	8	Died En route
1	0.3	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
FARS OCCUPANT VARIABLES

The SURVEY Variables

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

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

N	Prcnt	Code	Value and Description
0	0.0	1	AM General
2	0.6	7	Dodge
47	14.1	12	Ford
17	5.1	20	Chevrolet
9	2.7	23	GMC
74	22.2	84	International Harvester
17	5.1	90	Blue Bird
0	0.0	91	Eagle Coach
19	5.7	92	Gillig
28	8.4	93	MCI
10	3.0	94	Thomas Built
8	2.4	111	Flxible/Grumman Flxible
7	2.1	112	Neoplan
8	2.4	113	New Flyer
3	0.9	114	Ontario
10	3.0	115	TMC
11	3.3	116	Orion
3	0.9	117	Prevost
9	2.7	118	Van Hool
46	13.8	998	Other
6	1.8	999	Unknown

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

MANUFACTURER

N	Prcnt	Code	Value and Description
10	3.0		Amtram
34	10.2		Blue Bird
4	1.2		Carpenter
1	0.3		Champion
1	0.3		Coach & Equipment
4	1.2		Collins
1	0.3		Crown
2	0.6		Diamond
6	1.8		Eldorado National
7	2.1		Goshen
25	7.5		Thomas Built
2	0.6		Ward
1	0.3		Wayne

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

Variable 1120:FINAL MANUFACTURER (Continued)

N	Prcnt	Code	Value and Description
236	70.7		Not Applicable/Unknown

Variable 1130	MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

N	Prcnt	Code	Value and Description
2	0.6	1978	1978
1	0.3	1979	1979
1	0.3	1980	1980
1	0.3	1981	1981
1	0.3	1982	1982
3	0.9	1984	1984
1	0.3	1985	1985
5	1.5	1986	1986
2	0.6	1987	1987
9	2.7	1988	1988
13	3.9	1989	1989
12	3.6	1990	1990
12	3.6	1991	1991
11	3.3	1992	1992
12	3.6	1993	1993
13	3.9	1994	1994
23	6.9	1995	1995
25	7.5	1996	1996
24	7.2	1997	1997
17	5.1	1998	1998
32	9.6	1999	1999
27	8.1	2000	2000
42	12.6	2001	2001
24	7.2	2002	2002
14	4.2	2003	2003
1	0.3	2004	2004
6	1.8	9999	Unknown

Variable 1140	FRONT OF BUS	Width: 1	Type: Numeric
		Dec: None	Miss: 8

N	Prcnt	Code	Value and Description
6	1.8	0	Unknown
144	43.1	1	Conventional Hood
183	54.8	2	Flat Front
1	0.3	8	Other

Variable 1150 ENGINE LOCATION Width: 1 Type: Numeric
 Dec: None Miss: 9

N	Prcnt	Code	Value and Description
153	45.8	1	Rear
173	51.8	2	Front
2	0.6	8	Other
6	1.8	9	Unknown

Variable 1160 FUEL TYPE Width: 1 Type: Numeric
 Dec: None Miss: 9

N	Prcnt	Code	Value and Description
29	8.7	1	Gasoline
280	83.8	2	Diesel
13	3.9	6	CNG
0	0.0	7	LPG
4	1.2	8	Other
8	2.4	9	Unknown

Variable 1170 BUS MODEL Width: 10 Type: Alphabetic
 Dec: None Miss: None

BUS MODEL NAME OR NUMBER

N	Prcnt	Code	Value and Description
4	1.2	102A3	
			- Model name or number
1	0.3	VI	

Variable 1180 BUS TYPE Width: 2 Type: Numeric
 Dec: None Miss: 99

N	Prcnt	Code	Value and Description
13	3.9	1	Type A School Bus
0	0.0	2	Type B School Bus
87	26.0	3	Type C School Bus
32	9.6	4	Type D School Bus
103	30.8	5	Flat Front (like transit or shuttle)
5	1.5	6	Big Cowl & Chassis
47	14.1	7	High Platform
28	8.4	8	Small Cowl & Chassis
12	3.6	98	Other
7	2.1	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 1190	DESCRIPTION OF BUS	Width: 50	Type: Alphabetic
		Dec: None	Miss: None

BODY STYLE

N	Prcnt	Code Value and Description
1	0.3	Alternative Fuel Articulated Heavy-duty TransitBus
11	3.3	Alternative Fuel Heavy-Duty Transit Bus
1	0.3	Alternative Fuel Mid-size Shuttle Bus
1	0.3	Alternative Fuel Shorter Transit Bus
3	0.9	Articulated Heavy-Duty Transit Bus
1	0.3	Commuter Coach with Wheelchair Lift
1	0.3	Conventional-Hood Bus
1	0.3	Electric Trolley Bus
84	25.2	Full-Size School Bus
62	18.6	Heavy-Duty Transit Bus
1	0.3	Heavy-Duty Transit Bus With Wheelchair Lift
1	0.3	Hybrid Electric Pedestrian Mall Shuttle Bus
9	2.7	Large Passenger Van
1	0.3	Large Passenger Van Equipped for Inmate Security
1	0.3	Large Passenger Van with Trailer
45	13.5	Long-Distance Coach
1	0.3	Long-Distance Coach with Wheelchair Lift
2	0.6	Mid-size Conventional-Hood Bus
21	6.3	Mid-Size School Bus
3	0.9	Mid-Size Shuttle Bus
1	0.3	Mid-Size Shuttle Bus on Truck-Based Chassis
3	0.9	Mid-Size Shuttle Bus on Van-based Chassis
6	1.8	Mid-Size Shuttle Bus with Wheelchair Lift
1	0.3	Retired Full-size School Bus
2	0.6	School Bus
1	0.3	Short School Bus on Truck-Based Chassis
14	4.2	Shorter Transit Bus
1	0.3	Shuttle Bus
2	0.6	Shuttle Bus on Van-based Chassis
1	0.3	Small Paratransit Bus
12	3.6	Small School Bus
2	0.6	Small Shuttle Bus
1	0.3	Small Shuttle Bus on Stripped Chassis
9	2.7	Small Shuttle Bus on Van-based Chassis
5	1.5	Small Shuttle Bus With Wheelchair Lift
3	0.9	Special Needs Full-size School Bus
8	2.4	Special Needs Mid-size School Bus
1	0.3	Special Needs Small School Bus
2	0.6	Special Needs Small Shuttle Bus
1	0.3	Trolley Replica Bus
7	2.1	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 1200	NUMBER OF AXLES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NUMBER OF AXLES

N	Prcnt	Code	Value and Description
276	82.6	2	2 axles
51	15.3	3	3 axles
7	2.1	9	Unknown

Variable 1210	BODY STYLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
316	94.6	1	Bus
11	3.3	2	Large Van
0	0.0	3	Mini Van
1	0.3	8	Other
6	1.8	9	Unknown

Variable 1220	PASS SEATING CAPACITY	Width: 3	Type: Numeric
		Dec: None	Miss: 999

N	Prcnt	Code	Value and Description
1	0.3	8	8 Seats
2	0.6	10	10 Seats
1	0.3	11	11 Seats
8	2.4	12	12 Seats
15	4.5	14	14 Seats
7	2.1	15	15 Seats
1	0.3	16	16 Seats
1	0.3	17	17 Seats
5	1.5	18	18 Seats
7	2.1	20	20 Seats
2	0.6	21	21 Seats
3	0.9	22	22 Seats
2	0.6	23	23 Seats
3	0.9	24	24 Seats
2	0.6	25	25 Seats
2	0.6	26	26 Seats
3	0.9	27	27 Seats
2	0.6	28	28 Seats
1	0.3	29	29 Seats
7	2.1	30	30 Seats
1	0.3	32	32 Seats
1	0.3	33	33 Seats
1	0.3	34	34 Seats
3	0.9	35	35 Seats
7	2.1	36	36 Seats

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 1220: PASS SEATING CAPACITY (Continued)

N	Prcnt	Code	Value and Description
5	1.5	37	37 Seats
5	1.5	38	38 Seats
4	1.2	39	39 Seats
22	6.6	40	40 Seats
3	0.9	41	41 Seats
2	0.6	42	42 Seats
14	4.2	43	43 Seats
6	1.8	44	44 Seats
4	1.2	45	45 Seats
14	4.2	47	47 Seats
5	1.5	48	48 Seats
4	1.2	49	49 Seats
6	1.8	50	50 Seats
1	0.3	52	52 Seats
3	0.9	53	53 Seats
2	0.6	54	54 Seats
12	3.6	55	55 Seats
3	0.9	56	56 Seats
4	1.2	57	57 Seats
10	3.0	60	60 Seats
2	0.6	63	63 Seats
1	0.3	64	64 Seats
11	3.3	65	65 Seats
14	4.2	66	66 Seats
1	0.3	68	68 Seats
15	4.5	71	71 Seats
17	5.1	72	72 Seats
1	0.3	75	75 Seats
9	2.7	77	77 Seats
1	0.3	80	80 Seats
1	0.3	82	82 Seats
2	0.6	83	83 Seats
15	4.5	84	84 Seats
13	3.9	996	15 or more Seats
14	4.2	999	Unknown

Variable 1230 NUMBER OF PASSENGERS

Width: 3

Type: Numeric

Dec: None

Miss: 999

N	Prcnt	Code	Value and Description
93	27.8	0	0 Passengers
17	5.1	1	1 Passenger
14	4.2	2	2 Passengers
15	4.5	3	3 Passengers
8	2.4	4	4 Passengers
6	1.8	5	5 Passengers
13	3.9	6	6 Passengers
2	0.6	7	7 Passengers
6	1.8	8	8 Passengers

Variable 1230:NUMBER OF PASSENGERS (Continued)

N	Prcnt	Code	Value and Description
4	1.2	9	9 Passengers
5	1.5	10	10 Passengers
3	0.9	11	11 Passengers
8	2.4	12	12 Passengers
7	2.1	13	13 Passengers
5	1.5	14	14 Passengers
8	2.4	15	15 Passengers
2	0.6	16	16 Passengers
4	1.2	17	17 Passengers
4	1.2	18	18 Passengers
3	0.9	19	19 Passengers
9	2.7	20	20 Passengers
1	0.3	22	22 Passengers
3	0.9	24	24 Passengers
6	1.8	25	25 Passengers
2	0.6	26	26 Passengers
2	0.6	27	27 Passengers
7	2.1	30	30 Passengers
2	0.6	31	31 Passengers
1	0.3	32	32 Passengers
2	0.6	33	33 Passengers
1	0.3	34	34 Passengers
2	0.6	35	35 Passengers
3	0.9	39	39 Passengers
4	1.2	40	40 Passengers
2	0.6	42	42 Passengers
1	0.3	44	44 Passengers
2	0.6	45	45 Passengers
1	0.3	49	49 Passengers
1	0.3	50	50 Passengers
1	0.3	53	53 Passengers
1	0.3	56	56 Passengers
1	0.3	78	78 Passengers
1	0.3	80	80 Passengers
51	15.3	999	Unknown

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

N	Prcnt	Code	Value and Description
20	6.0	2	6,001 - 10,000 lbs.
10	3.0	3	10,001 - 14,000 lbs.
19	5.7	4	14,001 - 16,000 lbs.
1	0.3	5	16,001 - 19,500 lbs.
19	5.7	6	19,501 - 26,000 lbs.
77	23.1	7	26,001 - 33,000 lbs.
130	38.9	8	33,001 lbs. or more
58	17.4	9	Unknown

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

N	Prcnt	Code	Value and Description
1	0.3	5600	
		-	Weight in pounds
1	0.3	44800	
15	4.5	999999	Unknown

Variable 1260	LENGTH	Width: 3	Type: Numeric
		Dec: None	Miss: 999

N	Prcnt	Code	Value and Description
1	0.3	16	16 feet
7	2.1	18	18 feet
3	0.9	19	19 feet
13	3.9	20	20 feet
3	0.9	21	21 feet
2	0.6	22	22 feet
5	1.5	23	23 feet
2	0.6	24	24 feet
8	2.4	25	25 feet
3	0.9	26	26 feet
4	1.2	27	27 feet
6	1.8	28	28 feet
5	1.5	29	29 feet
16	4.8	30	30 feet
1	0.3	31	31 feet
7	2.1	32	32 feet
5	1.5	33	33 feet
5	1.5	34	34 feet
31	9.3	35	35 feet
5	1.5	36	36 feet
7	2.1	37	37 feet
15	4.5	38	38 feet
4	1.2	39	39 feet
133	39.8	40	40 feet
1	0.3	41	41 feet
23	6.9	45	45 feet
4	1.2	60	60 feet
1	0.3	998	Greater than 35 feet
14	4.2	999	Unknown

Variable 1270	WIDTH	Width: 3	Type: Numeric
		Dec: None	Miss: 999

N	Prcnt	Code	Value and Description
2	0.6	79	
		-	Width in inches
120	35.9	102	
45	13.5	997	Unknown, but legal
0	0.0	998	Unknown, but overwidth
11	3.3	999	Unknown

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

N	Prcnt	Code	Value and Description
245	73.4	1	None
36	10.8	2	Lap Belts
17	5.1	3	Lap and Shoulder
2	0.6	7	Lap Belts, front pass only
6	1.8	8	Other
28	8.4	9	Unknown

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

N	Prcnt	Code	Value and Description
173	51.8	1	None
27	8.1	2	Wheelchair Securement
6	1.8	3	Belts
93	27.8	4	Wheelchair securement and Belts
0	0.0	8	Other
35	10.5	9	Unknown

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

OPERATING AUTHORITY

N	Prcnt	Code	Value and Description
2	0.6		Bus Sales Company Transporting Used Bus
1	0.3		Charter & Airport Shuttle Service
1	0.3		Charter & Intercity Passenger Service
1	0.3		Charter & Shuttle Service
34	10.2		Charter Service
1	0.3		Child Development Center
3	0.9		Church Use

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
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Variable 1310:DESCRIPTION OF OPER AUTH (Continued)

N	Prcnt	Code Value and Description
2	0.6	Church Use of Rental Van
1	0.3	Commuter Service
1	0.3	Contracted Carrier for City Bus Service
1	0.3	Contracted Carrier for Employee Shuttle Service
39	11.7	Contracted Carrier for School District
1	0.3	Contracted Carrier for School Transportation
1	0.3	Contracted Carrier for Special Needs Program
6	1.8	Contracted Carrier for Transit Authority
1	0.3	Contracted Carrier Shuttle for Ski Resort
1	0.3	Contracted Paratransit Carrier for Transit Auth
1	0.3	Employee Transportation
1	0.3	Employee Transportation for Construction Company
1	0.3	Farm Labor Contractor Employee Transportation
2	0.6	Farm Worker Transportation
1	0.3	Federal Law Enforcement Agency
1	0.3	For-hire Shuttle for Transportation to School
1	0.3	Hospital Patient Transportation
1	0.3	Interprovincial Passenger & Express Freight
3	0.9	Interstate Passenger & Express Freight
1	0.3	Interstate Passenger Service
1	0.3	Municipal Airport Shuttle Service
1	0.3	Municipal Law Enforcement Agency
1	0.3	National Armed Services
1	0.3	Non-profit Community Action Organization Preschool
2	0.6	Non-Profit Organization for People with Disability
1	0.3	Non-Profit Organization for Vocational Assistance
1	0.3	Non-Profit Social Services & Rehabilitation Org
2	0.6	Nursing Facility Resident Transportation
1	0.3	On-Demand Paratransit & Shuttle Service
4	1.2	Private School
1	0.3	Private University
1	0.3	Property Development Company Shuttle Service
86	25.8	Public School District
3	0.9	Regional Intercity Passenger Service
1	0.3	Rural County Public Transportation Program
1	0.3	Scheduled Route & On-Demand Shuttle Regional Area
4	1.2	Scheduled Route & Paratransit Regional Urban Area
1	0.3	Scheduled Route & Paratransit Urban Area
73	21.9	Scheduled Route Regional Urban Area
26	7.8	Scheduled Route Urban Area
1	0.3	Senior Citizen Residential Community
2	0.6	Shuttle Service
1	0.3	Shuttle Service for Ski Area
8	2.4	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

Variable 1360	<u>AREA OF OPERATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
122	36.5	1	Interstate
184	55.1	2	Intrastate
28	8.4	9	Unknown

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

N	Prcnt	Code	Value and Description
26	7.8	1	Private
105	31.4	2	For hire
196	58.7	3	Government owned
7	2.1	9	Unknown

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

N	Prcnt	Code	Value and Description
257	76.9	1	Local
16	4.8	2	51 to 100 miles
14	4.2	3	101 to 200 miles
11	3.3	4	201 to 500 miles
3	0.9	5	Over 500 miles
0	0.0	6	Unknown over-the-road trip distance
33	9.9	9	Unknown

Variable 1410	<u>ROLLOVER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

N	Prcnt	Code	Value and Description
18	5.4	1	Yes
310	92.8	2	No
6	1.8	9	Unknown

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

N	Prcnt	Code	Value and Description
7	2.1	1	Left
11	3.3	2	Right

Variable 1420:DIRECTION OF ROLL (Continued)

N	Prcnt	Code	Value and Description
310	92.8	3	Not applicable
0	0.0	8	Other
6	1.8	9	Unknown

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

N	Prcnt	Code	Value and Description
13	3.9	1	1 quarter turn
1	0.3	2	2 quarter turns
1	0.3	4	4 quarter turns
1	0.3	12	12 quarter turns
1	0.3	36	36 quarter turns
310	92.8	98	Not applicable
7	2.1	99	Unknown

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

N	Prcnt	Code	Value and Description
61	18.3	1	1 hour
53	15.9	2	2 hours
27	8.1	3	3 hours
21	6.3	4	4 hours
25	7.5	5	5 hours
20	6.0	6	6 hours
5	1.5	7	7 hours
6	1.8	8	8 hours
4	1.2	9	9 hours
3	0.9	11	11 hours
2	0.6	12	12 hours
1	0.3	13	13 hours
5	1.5	96	Unknown but legal
101	30.2	99	Unknown

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

N	Prcnt	Code	Value and Description
232	69.5	1	Yes
53	15.9	2	No
49	14.7	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

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

N Prcnt		Code Value and Description	
10	3.0	1	Yes
275	82.3	2	No
49	14.7	9	Unknown

Variable 1540 COMPENSATION-TIPS Width: 1 Type: Numeric
Dec: None Miss: 9

N Prcnt		Code Value and Description	
1	0.3	1	Yes
284	85.0	2	No
49	14.7	9	Unknown

Variable 1550 COMPENSATION-% REVENUE Width: 1 Type: Numeric
Dec: None Miss: 9

N Prcnt		Code Value and Description	
0	0.0	1	Yes
285	85.3	2	No
49	14.7	9	Unknown

Variable 1560 COMPENSATION-SALARY Width: 1 Type: Numeric
Dec: None Miss: 9

N Prcnt		Code Value and Description	
15	4.5	1	Yes
270	80.8	2	No
49	14.7	9	Unknown

Variable 1570 COMPENSATION-DRIVER OWN Width: 1 Type: Numeric
Dec: None Miss: 9

N Prcnt		Code Value and Description	
7	2.1	1	Yes
278	83.2	2	No
49	14.7	9	Unknown

Variable 1580 COMPENSATION-DRIVER VOL Width: 1 Type: Numeric
Dec: None Miss: 9

N	Prcnt	Code	Value and Description
5	1.5	1	Yes
280	83.8	2	No
49	14.7	9	Unknown

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

N	Prcnt	Code	Value and Description
7	2.1	1	Yes
278	83.2	2	No
49	14.7	9	Unknown

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

N	Prcnt	Code	Value and Description
19	5.7	1	Yes
266	79.6	2	No
49	14.7	9	Unknown

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

COMPENSATION METHOD

N	Prcnt	Code	Value and Description
1	0.3		Base Salary Plus Hourly for Overtime
5	1.5		Church Volunteer
1	0.3		Driver is Also Athletic Coach for School District
1	0.3		Driver is Also Athletic Coach for University
1	0.3		Driver is Also Construction Worker for Company
1	0.3		Driver is Also Teacher & Paid by Trip for Driving
2	0.6		Driver is Also Teacher for School District
1	0.3		Driver is Federal Law Enforcement Agent
1	0.3		Driver is Not Compensated - Mechanic Fueling Bus
1	0.3		Greater of Mileage or Hours on Duty
5	1.5		Paid by Day
1	0.3		Paid by Day Plus Mileage
1	0.3		Paid by Half-day
2	0.6		Paid by Route
1	0.3		Paid by Run

Variable 1610: DESCRIBE COMPENSATION (Continued)

N	Prcnt	Code	Value and Description
6	1.8		Paid by Trip
1	0.3		Paid Daily Rate Based on Mileage
1	0.3		Salaried Supervisor is Also Paid Hourly as Driver
1	0.3		Unauthorized Personal Use - No Compensation
300	89.8		Unknown

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

N	Prcnt	Code	Value and Description
4	1.2	0	No impact
5	1.5	1	Drive off road, right - Diagram number (see appendix)
5	1.5	97	Untripped rollover
30	9.0	98	Other accident type
14	4.2	99	Unknown

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

N	Prcnt	Code	Value and Description
248	74.3	0	Not applicable
7	2.1	1	Discharged Passenger
5	1.5	2	Intended Passenger
65	19.5	3	Not Related to Bus
1	0.3	98	Other
8	2.4	99	Unknown

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

N	Prcnt	Code	Value and Description
243	72.8	1	Yes
91	27.2	2	No
0	0.0	9	Unknown

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

N	Prcnt	Code	Value and Description
321	96.1	1	Yes
13	3.9	2	No
0	0.0	9	Unknown

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

Information received by fax or mail

N	Prcnt	Code	Value and Description
89	26.6	1	Yes
245	73.4	2	No
0	0.0	9	Unknown

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

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

N	Prcnt	Code	Value and Description
169	50.6	0	None
18	5.4	8	Question 8
1	0.3	13	Question 13
145	43.4	16	Question 16
1	0.3	23	Question 23

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

N	Prcnt	Code	Value and Description
318	95.2	0	None
10	3.0	16	Question 16
2	0.6	17	Question 17
3	0.9	23	Question 23
1	0.3	25	Question 25

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

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

N	Prcnt	Code	Value and Description
329	98.5	0	None
2	0.6	23	Question 23
3	0.9	25	Question 25

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

N	Prcnt	Code	Value and Description
333	99.7	0	None
1	0.3	25	Question 25

Variable 1865	5TH QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

N	Prcnt	Code	Value and Description
334	100.0	0	None

Variable 1866	6TH QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

N	Prcnt	Code	Value and Description
334	100.0	0	None

Variable 1867	7TH QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

N	Prcnt	Code	Value and Description
334	100.0	0	None

Variable 1868	8TH QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

N	Prcnt	Code	Value and Description
334	100.0	0	None

Variable 1869	9TH QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

N	Prcnt	Code	Value and Description
334	100.0	0	None

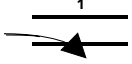
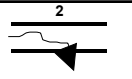
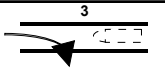






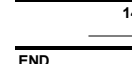



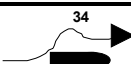




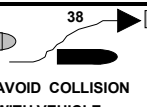
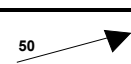
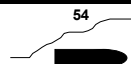
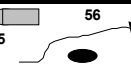
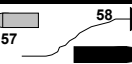
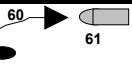


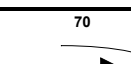


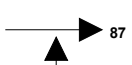
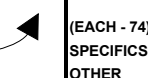
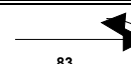
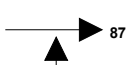
Variable 1870	10TH QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

N	Prcnt	Code	Value and Description
334	100.0	0	None

BUSES INVOLVED IN FATAL ACCIDENTS, 2003
SURVEY VARIABLES

APPENDIX

ACCIDENT TYPES (INCLUDES INTENT)

CATEGORY	CONFIGURATION		4	5
I SINGLE DRIVER	A. RIGHT ROADSIDE DEPARTURE	 DRIVE OFF ROAD  CONTROL/ TRACTION LOSS  AVOID COLLISION W/ VEHICLE, PEDESTRIAN, ANIMAL	SPECIFICS OTHER	SPECIFICS UNKNOWN
	B. LEFT ROADSIDE DEPARTURE	 DRIVE OFF ROAD  CONTROL/ TRACTION LOSS  AVOID COLLISION W/VEHICLE, PEDESTRIAN, ANIMAL	SPECIFICS OTHER	SPECIFICS UNKNOWN
	C. FORWARD IMPACT	 PARKED VEHICLE  STATIONARY OBJECT  PEDESTRIAN ANIMAL  END DEPARTURE	SPECIFICS OTHER	SPECIFICS UNKNOWN
II SAME TRAFFICWAY SAME DIRECTION	D. REAR-END	 STOPPED 21,22,23  SLOWER 25,26,27  DECELERATING 29,30,31	(EACH - 32) SPECIFICS OTHER	(EACH - 33) SPECIFICS UNKNOWN
	E. FORWARD IMPACT	 CONTROL/ TRACTION LOSS  CONTROL/ TRACTION LOSS  AVOID COLLISION WITH VEHICLE  AVOID COLLISION WITH OBJECT	(EACH - 42) SPECIFICS OTHER	(EACH - 43) SPECIFICS UNKNOWN
	F. SIDESWIPE ANGLE	 45  47	(EACH - 48) SPECIFICS OTHER	(EACH - 49) SPECIFICS UNKNOWN
III SAME TRAFFICWAY OPPOSITE DIRECTION	G. HEAD-ON	 51 LATERAL MOVE	(EACH - 52) SPECIFICS OTHER	(EACH - 53) SPECIFICS UNKNOWN
	H. FORWARD IMPACT	 CONTROL/ TRACTION LOSS  CONTROL/ TRACTION LOSS  AVOID COLLISION WITH VEHICLE  AVOID COLLISION WITH OBJECT	(EACH - 62) SPECIFICS OTHER	(EACH - 63) SPECIFICS UNKNOWN
	I. SIDESWIPE/ ANGLE	 65 LATERAL MOVE	(EACH - 66) SPECIFICS OTHER	(EACH - 67) SPECIFICS UNKNOWN
IV CHANGE TRAFFICWAY VEHICLE TURNING	J. TURN ACROSS PATH	 69 INITIAL OPPOSITE DIRECTIONS  71 INITIAL SAME DIRECTION	(EACH - 74) SPECIFICS OTHER	(EACH - 75) SPECIFICS UNKNOWN
	K. TURN INTO PATH	 76 TURN INTO SAME DIRECTION  78 TURN IN OPPOSITE DIRECTIONS	(EACH - 84) SPECIFICS OTHER	(EACH - 85) SPECIFICS UNKNOWN
V INTERSECTING PATH-VEHICLE DAMAGE	L. STRAIGHT PATHS	 87 88  89	(EACH - 90) SPECIFICS OTHER	(EACH - 91) SPECIFICS UNKNOWN
VI MISC.	M. BACKING ETC.	 BACKING VEHICLE  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 _____ / _____ / **2003**
Month Day Year

ACCIDENT IDENTIFICATION *(fill out prior to interview)*

1. FARS State Code

1	2

 State of Accident _____
2. FARS Case No.

3	4	5	6
3. FARS Vehicle No.

7	8

NOTE: Put all information and calculations on this form.

VEHICLE DESCRIPTION

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

32	33	34	35
6. Front of Bus
- | | | |
|-------------------|-----|---|
| Conventional hood | [] | 1 |
| Flat Front | [] | 2 |
| Other _____ | [] | 8 |
- (Specify)* 36
7. Engine Location
- | | | |
|-------------|-----|---|
| Rear | [] | 1 |
| Front | [] | 2 |
| Other _____ | [] | 8 |
- (Specify)* 37
8. Fuel
- | | | |
|-------------|-----|---|
| Gasoline | [] | 1 |
| Diesel | [] | 2 |
| CNG | [] | 6 |
| LPG | [] | 7 |
| Other _____ | [] | 8 |
- (Specify)* 38
9. Bus Model _____
(Name or No.) (Specify)

Final-Stage Manufacturer

_____ (editor)
12-31

Bus Model _____ (editor)
39 40 41 42 43 44 45 46 47 48

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

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

49-50

Describe the Bus:

51-100

(editor)

11. No. of Axles:

101

17. Length:
(feet)

116 117 118

12. Body Style:

- Bus
- Large Van
- Mini Van
- Other

[]	1
[]	2
[]	3
[]	8

102

18. Width:
(inches)

119 120 121

13. Passenger Seating Capacity:

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

103 104 105

19. Type of restraint system for general passengers:

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

[]	1
[]	2
[]	3
[]	7
[]	8

122

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

106 107 108

20. Type of restraint system for special needs passengers:

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

[]	1
[]	2
[]	3
[]	4

123

15. GVWR

_____ (editor)

109

16. Empty Weight:
(pounds)

110 111 112 113 114 115

VEHICLE USE

21. Describe Bus Operating Authority:

<p>-----</p> <p>-----</p> <p style="text-align: center;">124-173</p> <p style="text-align: right;">(editor)</p>

22. Fleet Size:
(buses only)

174 175 176 177 178

No. Owned

179 180 181 182 183

No. Leased

184 185 186 187 188

23. Bus Operator Type:

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

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

25. Operator : Private

Carry passengers for hire

Govt. owned

[] 1
[] 2
[] 3
192

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

Yes
No

[] 1
[] 2
191

26. Intended One-Way Trip Distance

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

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

ACCIDENT DESCRIPTION

27. Did the bus roll over?

Yes
No

[] 1
[] 2
194

28. Direction of roll:

Left
Right
Other

[] 1
[] 2
[] 8
195

29. Number of quarter turns of roll:

196 197

DRIVER DESCRIPTION

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

_____	_____	Hrs.
198	199	

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

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

Yes	No
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2
[] 1	[] 2

200
201
202
203
204
205
206
207
208

32. Describe compensation method:

209-258 (editor)

REMAINDER TO BE COMPLETED BY EDITOR.

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

_____	_____
259	260

34. Latitude of accident

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

35. Longitude of accident

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

36. Interview?

Yes	[] 1
No	[] 2
276	

37. Police report?

Yes	[] 1
No	[] 2
277	

38. FAX/Mail?

Yes	[] 1
No	[] 2
278	

DERIVED INFORMATION (Insert question numbers.)

_____	_____	_____	_____	_____	_____
279	280	281	282	283	284
_____	_____	_____	_____	_____	_____
289	290	291	292	293	294
_____	_____	_____	_____	_____	_____
285	286	287	288	295	296
_____	_____	_____	_____	_____	_____
289	290	291	292	293	294
_____	_____	_____	_____	_____	_____
289	290	291	292	293	294

PEDESTRIAN FATALITY

39. Relationship of pedestrian to bus:

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

299-300

40. PAR Number

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

41. ICC Number

_____	_____	_____	_____	_____	_____
313	314	315	316	317	318

42. DOT Number

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

43. State PSC Number

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

44. State issuing

_____	_____
336	337