

**Center for  
National Truck Statistics**

**BUSES INVOLVED  
IN FATAL ACCIDENTS  
CODEBOOK 1999**

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Daniel Blower

Raymond Masters

September 2002

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**UMTRI**

The University of Michigan  
Transportation Research Institute



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(Version September 25, 2002)

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The research reported herein was conducted under general research funds provided by the Affiliates Program for the Center for National Truck Statistics and 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, Federal Motor Carrier Safety Administration, or the sponsors of the Affiliates Program.

1. Report No. <b>UMTRI-2002-26</b>		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle <b>BUSES INVOLVED IN FATAL ACCIDENTS CODEBOOK 1999 (Version September 25, 2002)</b>				5. Report Date <b>September 2002</b>	
				6. Performing Organization Code	
7. Authors <b>Devi Putcha, Daniel Blower, and Raymond Masters</b>				8. Performing Organization Report No. <b>UMTRI-2002-26</b>	
9. Performing Organization Name and Address <b>University of Michigan Transportation Research Institute 2901 Baxter Road, Ann Arbor, Michigan 48109-2150</b>				10. Work Unit No.	
				11. Contract or Grant No. <b>DTFH61-96-C-00038</b>	
12. Sponsoring Agency Name and Address <b>U.S. Department of Transportation Federal Motor Carrier Safety Administration 400 Seventh Street, S.W. Washington, D.C. 20590</b>				13. Type of Report and Period Covered <b>Special Report</b>	
				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract  <p>This report provides one-way frequencies for all vehicles in UMTRI's file of Buses Involved in Fatal Accidents (BIFA), 1999. The 1999 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 <b>buses, fatal accident data</b>				18. Distribution Statement <b>Unlimited</b>	
19. Security Classification (of this report) <b>Unclassified</b>		20. Security Classification (of this page) <b>Unclassified</b>		21. No. of Pages <b>117</b>	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. Leslie Pettis, Robert Pichler, Christine Schmidt, Daniel Hershberger, and many interviewers and editors made the accuracy of the data a matter of personal pride. The project would not have been possible without the willing cooperation of thousands of bus owners, operators, and police officers across the country.

The BIFA survey is conducted by the Center for National Truck Statistics at the University of Michigan Transportation Research Institute with support from the Affiliates Program for the CNTS. Current members are the American Bus Association; American Trucking Associations, Inc.; Freightliner Corporation; the Owner-Operator Independent Drivers Association, Inc.; Navistar International Corporation; and National Seating. The preparation of the data file and codebook was supported by the National Highway Traffic Safety Administration's National Center for Statistics and Analysis, the Federal Motor Carrier Safety Administration, and the Bureau of Transportation Statistics.





## INTRODUCTION

### Overview

This report documents the September 25, 2002, version of the Buses Involved in Fatal Accidents, 1999, dataset. The report summarizes all the information in the computerized data file. That file contains records for all the buses that were involved in a fatal accident in all 50 U.S. states during calendar year 1999. A bus is defined as a vehicle designed to carry at least eight people including the driver. All the vehicles described are from Version 06Sep00, 2000, of the Fatality Analysis Reporting System (FARS) file for 1999 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

The Center for National Truck Statistics (CNTS) 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 1999 BIFA database represents the first file of its type for buses. As with TIFA, this project combines UMTRI survey data with FARS variables to provide complete national coverage and an enhanced description of the involved buses. Accurate and complete information on the fatal accident experience of buses nationwide is essential to any evaluation of bus safety issues.

The 1999 BIFA file is a census file, which means there is one record for each of the 333 buses involved in a fatal accident in 1999. The codebook presents frequencies for the FARS variables and the BIFA survey variables for the actual number of cases in the file.

Missing data rates for BIFA survey variables vary. The range of missing data values is illustrated by the following examples. Bus type (variable 1007) could not be determined for only three (0.9%) of the 333 cases. Passenger seating capacity (variable 1011) is unknown for 59 (17.7%) cases. Gross vehicle weight rating (variable 1013) could not be determined with certainty for 152 (45.6%) cases. This variable is obtained by decoding the Vehicle Identification Number (VIN). Cases for which the GVWR variable could not be decoded with certainty were coded as unknown.

The dataset includes virtually all the variables from the public version of the FARS file: the accident variables, the vehicle variables (for the bus), and the occupant variables (for the driver of the bus). All variables 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 362), there is a set of variables (numbers 1001 through 1060) that contains the information from the BIFA survey form. The bulk of this information is produced by telephone interviews with the driver, owner, or some other involved party. Some of this information is transcribed from police reports collected from the states.

Seven police reports involving fatal bus crashes were unavailable. Police reports not received included one from Florida, two from Iowa, two from Mississippi, and two from Pennsylvania. For all of these cases, an attempt was made to match the FARS case to the 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. Contact information for four of the seven cases became available as a result of the MCMIS match. Despite a match, no respondent was available in one Pennsylvania case.

While the FARS file includes much information on the accident environment and events, the information on the vehicles involved, particularly buses, is limited. Details about the physical configuration of the buses involved are supplied by the BIFA survey form (which is reproduced in the appendix of this codebook). The BIFA survey collects information separately 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 combination of the FARS accident-level variables with the physical detail of the BIFA survey produces the most detailed account of fatal bus accidents available.

#### Sources of Information

The first step in the acquisition of the data to supplement FARS was 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 were subsequently used in identifying the appropriate respondent to contact and in checking responses for accuracy. As mentioned earlier, seven police reports from four states were unavailable.

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

possible was 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 could be found, as much information as possible was coded from the police report. For these cases, variable 1048, which documents whether an interview was conducted, is coded "no," and variable 1049, police report, is coded "yes."

A select group of UMTRI survey staff has been trained to collect the BIFA data. They use the techniques that have been developed over many years during the TIFA survey to locate hard-to-find respondents. They are also developing new techniques appropriate to the different types of operators of buses. Unlike most phone surveys, in which questions are read from a script, the BIFA interview depends in large part on the knowledge of our interviewers. Each interviewer undergoes extensive training about buses, so that he or she is able to probe intelligently for the required information.

Experienced editors review each BIFA case. Materials are being developed to aid the editors in decoding bus VINS. UMTRI also is collecting a body of information used to evaluate the accuracy and consistency of interview data. This includes manufacturers' specifications on many bus makes and models, as well as typical passenger seating configurations for different bus types and applications.

All modifications to the survey responses received from an interview are indicated in variables 1051 through 1060. Imputations made by the editors to fill in missing data elements are also indicated there. The numbers coded in these variables are the question numbers on the interview form (see appendix). Thus a "20" in variable 1053 indicates that the third item corrected or derived for that particular case was the response to question 20 on the interview form. There is no particular pattern to the order in which such modifications are indicated. Derivations were made when the editor was able to deduce a piece of information to fill in something missing on the interview form. For example, an empty weight might have been estimated for the bus by decoding the VIN to identify the model, consulting the manufacturer's specifications for the cab and chassis weight, and then adding the appropriate amount for the body.

#### Number of Cases

Version 06Sep00 of the 2002 FARS file lists 341 vehicles involved in fatal accidents in the United States, that were identified as possible buses. However, some of the selected vehicles were subsequently found to be non-passenger carrying vehicles. These included motor home conversions and livestock and farm cargo-transporting vehicles. Altogether eight cases were determined to be nonsample. Subtracting those eight from the FARS file total of 341 cases leaves 333, which is the number of buses involved in fatal accidents in 1999.

Obtaining Information from the Dataset

This report provides counts and distributions of the code values for each variable in the 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. In general, the type of bus may determine how it is used. In comparing the accident experience of long distance coaches with that of conventional school buses, for example, one might wish to examine the distributions of trip type and rollover status. While this dataset is not made available to the public by UMTRI, the staff of the Center for National Truck Statistics at UMTRI will be pleased to make the appropriate runs for outside users. Requests for consultation on and analysis of the data are welcome and may be addressed to Daniel Blower at (734) 764-0248. The file has also been provided to the NHTSA's National Center for Statistics and Analysis. 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, 1999  
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	1	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	25
29	SPEED LIMIT	2	Numeric	26
30	ROADWAY ALIGNMENT	1	Numeric	26
31	ROADWAY PROFILE	1	Numeric	26
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	29
39	CONSTRUCTION/MAINT ZONE	1	Numeric	30
40	EMS NOTIFIED - HOUR	2	Numeric	30
41	EMS NOTIFIED - MINUTE	2	Numeric	30
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	31
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	32
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	33
56	NUMBER A-INJURED IN ACC	2	Numeric	34
57	NUMBER K-INJURED IN ACC	2	Numeric	34

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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
71	LATITUDE	8	Alphabetic	36
72	LONGITUDE	9	Alphabetic	37

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Width	Storage Type	Page Number
104	VEHICLE NUMBER	2	Numeric	39
107	NUMBER OF OCCUPANTS	2	Numeric	39
108	VEHICLE MAKE	2	Numeric	40
109	VEHICLE MAKE-MODEL	5	Numeric	40
110	BODY TYPE	2	Numeric	41
111	MODEL YEAR	4	Numeric	42
112	VIN	12	Alphabetic	42
123	REGISTRATION STATE	2	Numeric	43
124	REGISTERED VEHICLE OWNER	1	Numeric	44
125	ROLLOVER	1	Numeric	44
126	JACKKNIFE	1	Numeric	44
127	TRAVEL SPEED	2	Numeric	45
128	HAZARDOUS CARGO	1	Numeric	45
129	VEHICLE TRAILERING	1	Numeric	45
130	VEHICLE CONFIGURATION	1	Numeric	46
131	NUMBER OF AXLES	2	Numeric	46
132	CARGO BODY TYPE	2	Numeric	46
133	SPECIAL USE	1	Numeric	47
134	EMERGENCY USE	1	Numeric	47
135	IMPACT POINT - INITIAL	2	Numeric	47
136	IMPACT POINT - PRINCIPAL	2	Numeric	48
137	EXTENT OF DEFORMATION	1	Numeric	48
138	VEHICLE ROLE	1	Numeric	48
139	MANNER OF LEAVING SCENE	1	Numeric	49
140	FIRE OCCURRENCE	1	Numeric	49
142	VEHICLE MANEUVER	2	Numeric	49
143	CRASH AVOIDANCE MANUEVER	1	Numeric	50
144	MOST HARMFUL EVENT	2	Numeric	50
145	NUMBER OF DEATHS IN VEH	2	Numeric	52
151	VIN TRUCK FUEL CODE	1	Numeric	52
152	VIN TRUCK WEIGHT CODE	1	Numeric	53
153	VIN TRUCK SERIES	3	Alphabetic	53
155	LENGTH OF VIN	2	Numeric	53
156	NUMBER UNINJURED IN VEH	2	Numeric	54
157	NUMBER C-INJURED IN VEH	2	Numeric	54
158	NUMBER B-INJURED IN VEH	2	Numeric	54
159	NUMBER A-INJURED IN VEH	2	Numeric	55
160	NUMBER K-INJURED IN VEH	2	Numeric	55
161	NUM UNK INJURED IN VEH	2	Numeric	55
162	VEH RELATED FACTORS #1	2	Numeric	56
163	VEH RELATED FACTORS #2	2	Numeric	56
164	UNDERRIDE/OVERRIDE	1	Numeric	57
170	MOTOR CARRIER ID NUMBER	11	Alphabetic	57





BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

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



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS OCCUPANT VARIABLES

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



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
SURVEY VARIABLES

Variable Number	Variable Name	Width	Storage Type	Page Number
1001	BUS MAKE	3	Numeric	89
1002	MODEL YEAR	4	Numeric	89
1003	FRONT OF BUS	1	Numeric	90
1004	ENGINE LOCATION	1	Numeric	90
1005	FUEL TYPE	1	Numeric	90
1006	BUS MODEL	10	Alphabetic	91
1007	BUS TYPE	1	Numeric	91
1008	DESCRIPTION OF BUS	50	Alphabetic	91
1009	NUMBER OF AXLES	1	Numeric	92
1010	BODY STYLE	1	Numeric	92
1011	PASS SEATING CAPACITY	3	Numeric	92
1012	NUMBER OF PASSENGERS	3	Numeric	94
1013	GROSS VEH WEIGHT RATING	1	Numeric	95
1014	EMPTY WEIGHT	6	Numeric	95
1015	LENGTH	3	Numeric	95
1016	WIDTH	3	Numeric	96
1017	PASSENGER RESTRAINT	1	Numeric	96
1018	TYPE OF RESTRAINT	1	Numeric	97
1019	DESCRIPTION OF OPER AUTH	50	Alphabetic	97
1020	FLEET SIZE	6	Numeric	98
1021	NUMBER OWNED	6	Numeric	98
1022	NUMBER LEASED	6	Numeric	98
1023	BUS OPERATOR TYPE	2	Numeric	98
1024	AREA OF OPERATION	1	Numeric	99
1025	OPERATING AUTHORITY	1	Numeric	99
1026	TRIP TYPE	1	Numeric	99
1027	ROLLOVER	1	Numeric	99
1028	DIRECTION OF ROLL	1	Numeric	99
1029	NUMBER OF QUARTER TURNS	2	Numeric	100
1030	HOURS DRIVING	2	Numeric	100
1031	SPLIT SLEEP	1	Numeric	100
1032	INVERTED SLEEP	1	Numeric	101
1033	COMPENSATION-HOURLY	1	Numeric	101
1034	COMPENSATION-MILEAGE	1	Numeric	101
1035	COMPENSATION-TIPS	1	Numeric	101
1036	COMPENSATION-% REVENUE	1	Numeric	101
1037	COMPENSATION-SALARY	1	Numeric	102
1038	COMPENSATION-DRIVER OWN	1	Numeric	102
1039	COMPENSATION-OTHER	1	Numeric	102
1040	DESCRIBE COMPENSATION	50	Alphabetic	102
1041	ACCIDENT TYPE	2	Numeric	103
1042	LATITUDE-DEGREE	2	Numeric	103
1043	LATITUDE-MINUTE	2	Numeric	103
1044	LATITUDE-SECOND	3	Numeric	103
1045	LONGITUDE-DEGREE	3	Numeric	103
1046	LONGITUDE-MINUTE	2	Numeric	104
1047	LONGITUDE-SECOND	3	Numeric	104
1048	INTERVIEW CONDUCTED	1	Numeric	104
1049	POLICE REPORT	1	Numeric	104
1050	FAX/MAIL	1	Numeric	105

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
1051	1ST QUESTION DERIVED	2	Numeric	105
1052	2ND QUESTION DERIVED	2	Numeric	105
1053	3RD QUESTION DERIVED	2	Numeric	106
1054	4TH QUESTION DERIVED	2	Numeric	106
1055	5TH QUESTION DERIVED	2	Numeric	106
1056	6TH QUESTION DERIVED	2	Numeric	106
1057	7TH QUESTION DERIVED	2	Numeric	107
1058	8TH QUESTION DERIVED	2	Numeric	107
1059	9TH QUESTION DERIVED	2	Numeric	107
1060	10TH QUESTION DERIVED	2	Numeric	107

The ACCIDENT Variables

Variables 1 through 72 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		
6	1.8	4 Arizona		
3	0.9	5 Arkansas		
45	13.5	6 California		
5	1.5	8 Colorado		
4	1.2	9 Connecticut		
3	0.9	10 Delaware		
2	0.6	11 District of Columbia		
26	7.8	12 Florida		
8	2.4	13 Georgia		
1	0.3	15 Hawaii		
2	0.6	16 Idaho		
12	3.6	17 Illinois		
6	1.8	18 Indiana		
1	0.3	19 Iowa		
4	1.2	20 Kansas		
1	0.3	21 Kentucky		
4	1.2	22 Louisiana		
1	0.3	23 Maine		
8	2.4	24 Maryland		
2	0.6	25 Massachusetts		
9	2.7	26 Michigan		
5	1.5	27 Minnesota		
2	0.6	28 Mississippi		
7	2.1	29 Missouri		
1	0.3	30 Montana		
0	0.0	31 Nebraska		
4	1.2	32 Nevada		
0	0.0	33 New Hampshire		
17	5.1	34 New Jersey		
5	1.5	35 New Mexico		
36	10.8	36 New York		
4	1.2	37 North Carolina		
0	0.0	38 North Dakota		
12	3.6	39 Ohio		
3	0.9	40 Oklahoma		
6	1.8	41 Oregon		
23	6.9	42 Pennsylvania		
1	0.3	44 Rhode Island		
6	1.8	45 South Carolina		
0	0.0	46 South Dakota		
2	0.6	47 Tennessee		
18	5.4	48 Texas		

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

Variable 1:CASE STATE (Continued)

N	Prcnt	Code	Value and Description
3	0.9	49	Utah
0	0.0	50	Vermont
7	2.1	51	Virginia
10	3.0	53	Washington
2	0.6	54	West Virginia
4	1.2	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
136	40.8	0	Not applicable
0	0.0	1	
		-	GSA code
0	0.0	9996	
0	0.0	9997	Other
0	0.0	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
7	2.1	1	
		-	GSA code
0	0.0	996	
0	0.0	997	Other
0	0.0	999	Unknown



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

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

---

N	Prcnt	Code	Value and Description
29	8.7	1	January
37	11.1	2	February
29	8.7	3	March
26	7.8	4	April
37	11.1	5	May
19	5.7	6	June
16	4.8	7	July
17	5.1	8	August
35	10.5	9	September
32	9.6	10	October
32	9.6	11	November
24	7.2	12	December

---

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

---

N	Prcnt	Code	Value and Description
15	4.5	1	- Day of month
6	1.8	31	

---

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

---

N	Prcnt	Code	Value and Description
333	100.0	1999	1999

---

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

---

N	Prcnt	Code	Value and Description
12	3.6	0	12:01 am - 12:59 am
1	0.3	1	1:00 am - 1:59 am
5	1.5	2	2:00 am - 2:59 am
4	1.2	3	3:00 am - 3:59 am
4	1.2	4	4:00 am - 4:59 am
7	2.1	5	5:00 am - 5:59 am
18	5.4	6	6:00 am - 6:59 am
40	12.0	7	7:00 am - 7:59 am
26	7.8	8	8:00 am - 8:59 am
18	5.4	9	9:00 am - 9:59 am
8	2.4	10	10:00 am - 10:59 am

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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## Variable 12: ACCIDENT TIME - HOUR (Continued)

N	Prcnt	Code	Value and Description
12	3.6	11	11:00 am - 11:59 am
13	3.9	12	12:00 pm - 12:59 pm
13	3.9	13	1:00 pm - 1:59 pm
23	6.9	14	2:00 pm - 2:59 pm
43	12.9	15	3:00 pm - 3:59 pm
27	8.1	16	4:00 pm - 4:59 pm
11	3.3	17	5:00 pm - 5:59 pm
12	3.6	18	6:00 pm - 6:59 pm
5	1.5	19	7:00 pm - 7:59 pm
6	1.8	20	8:00 pm - 8:59 pm
9	2.7	21	9:00 pm - 9:59 pm
6	1.8	22	10:00 pm - 10:59 pm
10	3.0	23	11:00 pm - 11:59 pm
0	0.0	24	12:00 midnight
0	0.0	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
16	4.8	0	- Minute
4	1.2	59	
1	0.3	99	Unknown

---

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

---

## NUMBER OF VEHICLES INVOLVED IN ACCIDENT

N	Prcnt	Code	Value and Description
99	29.7	1	1 vehicle
186	55.9	2	2 vehicles
34	10.2	3	3 vehicles
8	2.4	4	4 vehicles
1	0.3	6	6 vehicles
5	1.5	7	7 vehicles

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

---

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

---

NUMBER OF PERSONS INVOLVED IN ACCIDENT

Does not include uninjured bus or railway train occupants

N	Prcnt	Code	Value and Description
3	0.9	1	1 person
147	44.1	2	2 persons
54	16.2	3	3 persons
29	8.7	4	4 persons
19	5.7	5	5 persons
14	4.2	6	6 persons
5	1.5	7	7 persons
9	2.7	8	8 persons
7	2.1	9	9 persons
3	0.9	10	10 persons
4	1.2	11	11 persons
2	0.6	12	12 persons
4	1.2	13	13 persons
7	2.1	14	14 persons
2	0.6	15	15 persons
1	0.3	16	16 persons
2	0.6	17	17 persons
1	0.3	18	18 persons
2	0.6	21	21 persons
2	0.6	25	25 persons
1	0.3	27	27 persons
2	0.6	28	28 persons
1	0.3	33	33 persons
1	0.3	35	35 persons
2	0.6	36	36 persons
1	0.3	37	37 persons
1	0.3	44	44 persons
1	0.3	45	45 persons
1	0.3	49	49 persons
1	0.3	60	60 persons
4	1.2	99	unknown 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
191	57.4	1	Urban area
140	42.0	2	Rural area
2	0.6	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS ACCIDENT VARIABLES

---

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
260	78.1	0	This section is not on the NHS
71	21.3	1	This section is on the NHS
2	0.6	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			
13	3.9	1	Principal arterial - interstate
25	7.5	2	Principal arterial - other
28	8.4	3	Minor arterial
36	10.8	4	Major collector
7	2.1	5	Minor collector
26	7.8	6	Local road or street
5	1.5	9	Unknown rural
Urban			
13	3.9	11	Principal arterial - interstate
7	2.1	12	Principal arterial - other freeways or expressways
74	22.2	13	Other principal arterial
46	13.8	14	Minor arterial
8	2.4	15	Collector
41	12.3	16	Local road or street
2	0.6	19	Unknown urban
2	0.6	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
26	7.8	1	Interstate
44	13.2	2	U.S. highway
72	21.6	3	State highway
49	14.7	4	County road
Local Street			
20	6.0	5	Township
102	30.6	6	Municipality

Variable 19:ROUTE SIGNING (Continued)

N	Prcnt	Code	Value and Description
0	0.0	7	Frontage road
17	5.1	8	Other
3	0.9	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
142	42.6	0	None
2	0.6	1	
		-	Actual to nearest .1 mile
0	0.0	99990	
37	11.1	99999	Unknown

---

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

N	Prcnt	Code	Value and Description
332	99.7	0	No special jurisdiction
0	0.0	1	National Park Service
0	0.0	2	Military
1	0.3	3	Indian reservation
0	0.0	4	College/University campus
0	0.0	5	Other Federal properties
0	0.0	8	Other
0	0.0	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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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
7	2.1	1	Overturn
0	0.0	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
3	0.9	5	Fell from vehicle
1	0.3	6	Injured in vehicle
1	0.3	7	Other noncollision
77	23.1	8	Pedestrian
9	2.7	9	Pedalcycle
0	0.0	10	Railway train
0	0.0	11	Animal
212	63.7	12	Motor vehicle in transport
7	2.1	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
1	0.3	20	Impact attenuator/crash cushion
0	0.0	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
0	0.0	23	Bridge rail
4	1.2	24	Guardrail
0	0.0	25	Concrete traffic barrier
0	0.0	26	Other longitudinal barrier type
0	0.0	27	Highway/traffic sign post
0	0.0	28	Overhead sign support
0	0.0	29	Luminaire/light support
0	0.0	30	Utility pole
0	0.0	31	Other post, pole or supports
0	0.0	32	Culvert
1	0.3	33	Curb
0	0.0	34	Ditch
2	0.6	35	Embankment - earth
0	0.0	36	Embankment - rock, stone or concrete
0	0.0	37	Embankment - material type unknown
0	0.0	38	Fence
0	0.0	39	Wall
0	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
4	1.2	42	Tree
1	0.3	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
1	0.3	45	Transport device used as equipment
0	0.0	46	Traffic signal support
0	0.0	47	Vehicle Occupant Struck or Run Over by Own Vehicle
0	0.0	48	Collision With Snow Bank
0	0.0	49	Ridden animal or animal-drawn conveyance

Variable 23:FIRST HARMFUL EVENT (Continued)

N	Prcnt	Code	Value and Description
0	0.0	99	Unknown

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

Noncollision Event

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

Collision With Object Not Fixed

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

Collision With Fixed Object

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

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS ACCIDENT VARIABLES

## Variable 23: FIRST HARMFUL EVENT (Continued)

N	Prcnt	Code	Value and Description
		40	Fire hydrant
		41	Shrubbery
		42	Tree
		43	Other fixed object
		46	Traffic signal support
		48	Collision With Snow Bank

---

Variable 24	MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
114	34.2	0	Not a collision with a motor vehicle in transport
56	16.8	1	Rear-end
67	20.1	2	Head-on
0	0.0	3	Rear-to-rear
91	27.3	4	Angle
0	0.0	5	Sideswipe - same direction
4	1.2	6	Sideswipe - opposite direction
1	0.3	9	Unknown

---

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

---

N	Prcnt	Code	Value and Description
Noninterchange			
183	55.0	1	Nonjunction
112	33.6	2	Intersection
28	8.4	3	Intersection related
4	1.2	4	Driveway, alley, access, etc.
0	0.0	5	Entrance/exit ramp related
0	0.0	6	Rail grade crossing
1	0.3	7	In crossover
1	0.3	9	Unknown, noninterchange
Interchange area			
1	0.3	10	Intersection
0	0.0	11	Intersection related
0	0.0	12	Driveway access
3	0.9	13	Entrance/exit ramp related
0	0.0	14	In crossover
0	0.0	15	Other location in interchange
0	0.0	19	Unknown, interchange area
0	0.0	99	Unknown



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

---

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

---

N	Prcnt	Code	Value and Description
308	92.5	1	On roadway
10	3.0	2	Shoulder
3	0.9	3	Median
3	0.9	4	Roadside
1	0.3	5	Outside right-of-way
6	1.8	6	Off roadway - location unknown
0	0.0	7	In parking lane
1	0.3	8	Gore
0	0.0	10	Separator
1	0.3	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
213	64.0	1	Not physically divided (two way trafficway)
76	22.8	2	Divided highway, median strip (without traffic barrier)
32	9.6	3	Divided highway, median strip (with traffic barrier)
7	2.1	4	One way trafficway
5	1.5	9	Unknown

---

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
6	1.8	1	1 lane
220	66.1	2	2 lanes
26	7.8	3	3 lanes
60	18.0	4	4 lanes
5	1.5	5	5 lanes
6	1.8	6	6 lanes
2	0.6	7	7 or more lanes
8	2.4	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS ACCIDENT VARIABLES

---

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

---

N	Prcnt	Code	Value and Description
1	0.3	0	No statutory limit
0	0.0	5	5 mph
0	0.0	10	10 mph
1	0.3	15	15 mph
1	0.3	20	20 mph
35	10.5	25	25 mph
44	13.2	30	30 mph
51	15.3	35	35 mph
22	6.6	40	40 mph
41	12.3	45	45 mph
13	3.9	50	50 mph
69	20.7	55	55 mph
3	0.9	60	60 mph
24	7.2	65	65 mph
10	3.0	70	70 mph
1	0.3	75	75 mph
17	5.1	99	Unknown

---

<b>Variable 30</b>	<b>ROADWAY ALIGNMENT</b>	<b>Width: 1</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 9</b>

---

N	Prcnt	Code	Value and Description
288	86.5	1	Straight
43	12.9	2	Curve
2	0.6	9	Unknown

---

<b>Variable 31</b>	<b>ROADWAY PROFILE</b>	<b>Width: 1</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 9</b>

---

N	Prcnt	Code	Value and Description
256	76.9	1	Level
65	19.5	2	Grade
6	1.8	3	Hillcrest
1	0.3	4	Sag
5	1.5	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

---

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

---

N	Prcnt	Code	Value and Description
22	6.6	1	Concrete
298	89.5	2	Blacktop, bituminous or asphalt
1	0.3	3	Brick or block
1	0.3	4	Slag, gravel or stone
0	0.0	5	Dirt
1	0.3	8	Other
10	3.0	9	Unknown

---

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

---

ROADWAY SURFACE CONDITION

N	Prcnt	Code	Value and Description
271	81.4	1	Dry
51	15.3	2	Wet
3	0.9	3	Snow or slush
7	2.1	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
204	61.3	0	No controls
			***Not At Railroad Grade Crossing***
			Highway traffic signals
2	0.6	1	Traffic control signal (on colors) without pedestrian signal
14	4.2	2	Traffic control (on colors) with pedestrian signal
50	15.0	3	Traffic control signal (on colors) not known whether or not pedestrian signal
1	0.3	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
4	1.2	8	Other highway traffic signal
0	0.0	9	Unknown highway traffic signal
			Regulatory signs
40	12.0	20	Stop sign

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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## Variable 34: TRAFFIC CONTROL DEVICE (Continued)

N	Prcnt	Code	Value and Description
0	0.0	21	Yield sign
4	1.2	28	Other regulatory sign
0	0.0	29	Unknown type regulatory sign
School zone signs			
0	0.0	30	School speed limit sign
0	0.0	31	School advance or crossing sign
0	0.0	38	Other school related sign
1	0.3	39	Unknown type school zone sign
Warning signs			
8	2.4	40	Warning sign
Miscellaneous not at railroad crossing			
0	0.0	50	Officer, crossing guard, flagman, etc.
***At Railroad Grade Crossing***			
Active devices			
0	0.0	60	Gates
0	0.0	61	Flashing lights
0	0.0	62	Traffic control signal
0	0.0	63	Wigwags
0	0.0	64	Bells
0	0.0	68	Other train activated device
0	0.0	69	Active device, type unknown
Passive devices			
0	0.0	70	Cross-bucks
0	0.0	71	Stop sign
0	0.0	72	Other railroad crossing sign
0	0.0	73	Special warning device - watchman, flagged by crew
0	0.0	78	Other passive device
0	0.0	79	Passive device, type unknown
Miscellaneous devices at railroad crossing			
0	0.0	80	Grade crossing controlled, type unknown
***Whether Or Not At Railroad Grade Crossing***			
1	0.3	98	Other
3	0.9	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

---

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

---

TRAFFIC CONTROL FUNCTIONING

N	Prcnt	Code	Value and Description
204	61.3	0	No controls
0	0.0	1	Device not functioning
0	0.0	2	Device functioning - functioning improperly
125	37.5	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	98.5	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

---

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

---

N	Prcnt	Code	Value and Description
239	71.8	1	Daylight
32	9.6	2	Dark
43	12.9	3	Dark but lighted
11	3.3	4	Dawn
8	2.4	5	Dusk
0	0.0	9	Unknown

---

Variable 38	ATMOSPHERIC CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
289	86.8	1	No adverse atmospheric conditions
23	6.9	2	Rain
1	0.3	3	Sleet (hail)
7	2.1	4	Snow
7	2.1	5	Fog
4	1.2	6	Rain and fog
0	0.0	7	Sleet and fog
1	0.3	8	Other (smog, smoke, blowing sand, or dust)
1	0.3	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS ACCIDENT VARIABLES

Variable 39	<u>CONSTRUCTION/MAINT ZONE</u>	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	98.5	0	None
4	1.2	1	Construction
0	0.0	2	Maintenance
0	0.0	3	Utility
1	0.3	4	Work zone, type unknown

Variable 40	<u>EMS NOTIFIED - HOUR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
14	4.2	0	Not notified or 12:01 - 12:59 am
0	0.0	1	- Hour
0	0.0	24	
151	45.3	99	Unknown

Variable 41	<u>EMS NOTIFIED - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

N	Prcnt	Code	Value and Description
12	3.6	0	Not notified or on hour
6	1.8	1	- Minute
2	0.6	59	
1	0.3	98	
150	45.0	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS ACCIDENT VARIABLES

---

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

---

N	Prcnt	Code	Value and Description
15	4.5	0	Not notified or 12:01 - 12:59 am
0	0.0	1	- Hour
0	0.0	24	
145	43.5	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
12	3.6	0	Not notified or on hour
0	0.0	1	- Minute
4	1.2	59	
1	0.3	98	
152	45.6	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
193	58.0	0	No
140	42.0	1	Yes

---

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
332	99.7	0000000	Not Applicable
0	0.0	000000A	- FRA code
0	0.0	999999Z	
1	0.3	9999999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS ACCIDENT VARIABLES

---

<u>Variable 49</u>	<u>NUMBER FATALITIES IN ACC</u>	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
294	88.3	1	1 killed
32	9.6	2	2 killed
4	1.2	3	3 killed
0	0.0	4	4 killed
0	0.0	5	5 killed
1	0.3	6	6 killed
1	0.3	7	7 killed
1	0.3	22	22 killed

---

<u>Variable 50</u>	<u>DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
27	8.1	1	Sunday
56	16.8	2	Monday
58	17.4	3	Tuesday
57	17.1	4	Wednesday
63	18.9	5	Thursday
50	15.0	6	Friday
22	6.6	7	Saturday

---

<u>Variable 51</u>	<u>NUMBER DRINKING DRIVERS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

N	Prcnt	Code	Value and Description
294	88.3	0	0 drivers
35	10.5	1	1 drivers
3	0.9	2	2 drivers
1	0.3	3	3 drivers

---

<u>Variable 52</u>	<u>ACCIDENT DATE - JULIAN</u>	Width: 5	Type: Numeric
		Dec: None	Miss: 0

---

The Julian date from March 1, 1900

N	Prcnt	Code	Value and Description
0	0.0	0	Missing data
1	0.3	36101	January 1, 1999

-



Variable 52:ACCIDENT DATE - JULIAN (Continued)

N	Prcnt	Code	Value and Description
1	0.3	36464	December 30, 1999

---

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
102	30.6	0	0 uninjured
198	59.5	1	1 uninjured
24	7.2	2	2 uninjured
6	1.8	3	3 uninjured
2	0.6	4	4 uninjured
1	0.3	12	12 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
228	68.5	0	0 C-injured
41	12.3	1	1 C-injured
15	4.5	2	2 C-injured
8	2.4	3	3 C-injured
8	2.4	4	4 C-injured
6	1.8	5	5 C-injured

---

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

---

NUMBER OF B-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
241	72.4	0	0 B-injured
49	14.7	1	1 B-injured
15	4.5	2	2 B-injured
7	2.1	3	3 B-injured
4	1.2	4	4 B-injured
4	1.2	5	5 B-injured
3	0.9	6	6 B-injured
1	0.3	11	11 B-injured
1	0.3	17	17 B-injured

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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## Variable 55:NUMBER B-INJURED IN ACC (Continued)

N	Prcnt	Code	Value and Description
2	0.6	20	20 B-injured
1	0.3	40	40 B-injured
1	0.3	52	52 B-injured
4	1.2	62	62 B-injured

---

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

---

## NUMBER OF A-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
256	76.9	0	0 A-injured
32	9.6	1	1 A-injured
12	3.6	2	2 A-injured
10	3.0	3	3 A-injured
5	1.5	4	4 A-injured
4	1.2	5	5 A-injured
4	1.2	6	6 A-injured
2	0.6	9	9 A-injured
2	0.6	10	10 A-injured
1	0.3	16	16 A-injured
1	0.3	22	22 A-injured
4	1.2	34	34 A-injured

---

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

---

## NUMBER OF K-INJURED IN ACCIDENT

N	Prcnt	Code	Value and Description
294	88.3	1	1 killed
32	9.6	2	2 killed
4	1.2	3	3 killed
1	0.3	6	6 killed
1	0.3	7	7 killed
1	0.3	22	22 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
327	98.2	0	0 unknown injured
3	0.9	1	1 unknown injured
1	0.3	3	3 unknown injured
1	0.3	9	9 unknown injured
1	0.3	29	29 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
321	96.4	0	None
0	0.0	1	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
0	0.0	2	Shoulder related
1	0.3	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
3	0.9	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
2	0.6	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
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

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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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
330	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
330	99.1	0	None
3	0.9	99	Unknown

Variable 71	LATITUDE	Width: 8	Type: Alphabetic
		Dec: None	Miss: None

THE GLOBAL POSITION - LATITUDE DD MM SS.SS (degrees/minutes/seconds)

N	Prcnt	Code	Value and Description
Degrees (cols 1-2)			
0	0.0	17	- actual degrees
0	0.0	71	
332	99.7	88	Not available
0	0.0	99	Unknown
Minutes (Cols 3-4)			
0	0.0	00	- actual minutes
0	0.0	59	
332	99.7	88	Not available
0	0.0	99	Unknown
Seconds (Cols 5-8)			
0	0.0	0000	- actual seconds

Variable 71:LATITUDE (Continued)

N	Prcnt	Code	Value and Description
0	0.0	5999	
332	99.7	8888	Not available
0	0.0	9999	Unknown
		88888888	Not available
		99999999	Unknown

---

Variable 72	LONGITUDE	Width: 9	Type: Alphabetic
		Dec: None	Miss: None

---

THE GLOBAL POSITION - LONGITUDE DDD MM SS.SS (degrees/minutes/seconds)

N	Prcnt	Code	Value and Description
			Degrees (cols 1-3)
0	0.0	065	- actual degrees
0	0.0	178	
332	99.7	888	Not available
0	0.0	999	Unknown
			Minutes (Cols 4-5)
0	0.0	00	- actual minutes
0	0.0	59	
332	99.7	88	Not available
0	0.0	99	Unknown
			Seconds (Cols 6-9)
0	0.0	0000	- actual seconds
0	0.0	5999	
332	99.7	8888	Not available
0	0.0	9999	Unknown
		88888888	Not available
		99999999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS ACCIDENT VARIABLES

The VEHICLE Variables

Variables 104 through 170 describe the vehicle involved in the accident (i.e., the Bus).

---

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

---

N	Prcnt	Code	Value and Description
162	48.6	1	Vehicle #1
149	44.7	2	Vehicle #2
18	5.4	3	Vehicle #3
2	0.6	4	Vehicle #4
1	0.3	5	Vehicle #5
1	0.3	6	Vehicle #6

---

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

---

N	Prcnt	Code	Value and Description
1	0.3	0	0 occupants
185	55.6	1	1 occupant
32	9.6	2	2 occupants
10	3.0	3	3 occupants
16	4.8	4	4 occupants
9	2.7	5	5 occupants
8	2.4	6	6 occupants
3	0.9	7	7 occupants
4	1.2	8	8 occupants
4	1.2	9	9 occupants
2	0.6	10	10 occupants
1	0.3	11	11 occupants
4	1.2	12	12 occupants
4	1.2	13	13 occupants
2	0.6	14	14 occupants
1	0.3	15	15 occupants
2	0.6	16	16 occupants
1	0.3	17	17 occupants
1	0.3	18	18 occupants
2	0.6	20	20 occupants
3	0.9	21	21 occupants
1	0.3	22	22 occupants
1	0.3	23	23 occupants
2	0.6	25	25 occupants
3	0.9	26	26 occupants
1	0.3	27	27 occupants
2	0.6	30	30 occupants
1	0.3	31	31 occupants
1	0.3	33	33 occupants
1	0.3	35	35 occupants

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

## Variable 107:NUMBER OF OCCUPANTS (Continued)

N	Prcnt	Code	Value and Description
1	0.3	36	36 occupants
1	0.3	41	41 occupants
1	0.3	43	43 occupants
1	0.3	44	44 occupants
1	0.3	45	45 occupants
1	0.3	48	48 occupants
1	0.3	52	52 occupants
1	0.3	60	60 occupants
1	0.3	64	64 occupants
1	0.3	65	65 occupants
8	2.4	97	Unknown - only injured reported
7	2.1	99	Unknown

---

Variable 108	VEHICLE MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

N	Prcnt	Code	Value and Description
2	0.6	3	AM General
4	1.2	7	Dodge
25	7.5	12	Ford
14	4.2	20	Chevrolet
16	4.8	23	GMC
15	4.5	25	Grumman
76	22.8	84	International
1	0.3	89	White/Autocar-White/GMC
27	8.1	90	Bluebird
4	1.2	91	Eagle Coach
17	5.1	92	Gillig
30	9.0	93	MCI
11	3.3	94	Thomas Built
86	25.8	98	Other make
5	1.5	99	Unknown

---

Variable 109	VEHICLE MAKE-MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

---

N	Prcnt	Code	Value and Description
2	0.6	3983	AM Bus Rear Engine
4	1.2	7461	Dodge B-series Van
10	3.0	12461	Ford E-series Van
14	4.2	12981	Ford Conventional Bus
1	0.3	12988	Ford Other Bus
1	0.3	20441	Chevrolet Astro Van
4	1.2	20461	Chevrolet G-series Van
9	2.7	20981	Chevrolet Conventional Bus
3	0.9	23461	GMC G-series Van



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS VEHICLE VARIABLES

Variable 109:VEHICLE MAKE-MODEL (Continued)

N	Prcnt	Code	Value and Description
12	3.6	23981	GMC Conventional Bus
1	0.3	23988	GMC Other Bus
15	4.5	25983	Grumman Bus Flat Front, Rear Engine Transit
74	22.2	84981	International Conventional Bus
1	0.3	84982	International Bus front engine
1	0.3	84988	International Other Bus
1	0.3	89981	White/Autocar-White/GMC Conventional Bus
16	4.8	90981	Bluebird Conventional Bus(Engine Out Front)
7	2.1	90982	Bluebird Bus-Flat Front, Front Engine
1	0.3	90983	Bluebird Bus-Flat Front, Rear Engine
1	0.3	90988	Bluebird Other Bus
2	0.6	90999	Unknown Bluebird
4	1.2	91981	Eagle Coach Conventional Bus(Engine Out Front)
9	2.7	92981	Gillig Conventional Bus(Engine Out Front)
1	0.3	92982	Gillig Bus-Flat Front, Front Engine
3	0.9	92983	Gillig Bus-Flat Front, Rear Engine
4	1.2	92988	Gillig Other Bus
22	6.6	93981	MCI Conventional Bus(Engine Out Front)
3	0.9	93982	MCI Bus-Flat Front, Front Engine
1	0.3	93983	MCI Bus-Flat Front, Rear Engine
4	1.2	93988	MCI Other Bus
6	1.8	94981	Thomas Built Conventional Bus(Engine Out Front)
1	0.3	94982	Thomas Built Bus-Flat Front, Front Engine
3	0.9	94983	Thomas Built Bus-Flat Front, Rear Engine
1	0.3	94999	Unknown Thomas Built
9	2.7	98902	Other Make NEOPLAN Bus
2	0.6	98905	Other Make DINAM Bus
10	3.0	98907	Other Make ORION Bus
5	1.5	98908	Other Make VAN HOOL Bus
46	13.8	98981	Other Make Conventional Bus
1	0.3	98982	Other Make Bus front engine
2	0.6	98983	Other Make Bus rear engine
11	3.3	98988	Other Make Other Bus
2	0.6	99981	Unknown Make Conventional Bus
1	0.3	99982	Unknown Make Bus front engine
2	0.6	99999	Unknown Make Unknown Vehicle

---

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

---

N	Prcnt	Code	Value and Description
Vans Based Light Trucks, GVWR < 10,000 lbs.			
1	0.3	20	Minivan
8	2.4	21	Large Van (excludes moving van)
9	2.7	24	Van based School Bus
4	1.2	25	Van based Transit Bus
Buses (Excludes Van Based)			
135	40.5	50	School Bus

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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## Variable 110:BODY TYPE (Continued)

N	Prcnt	Code	Value and Description
38	11.4	51	X-country/Intercity
105	31.5	52	Transit Bus
18	5.4	58	Other Bus type
14	4.2	59	Unknown Bus type
1	0.3	99	Unknown Body Type

---

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

---

N	Prcnt	Code	Value and Description
0	0.0	1966	1966
		-	Actual model year
8	2.4	1981	1981
5	1.5	1982	1982
8	2.4	1983	1983
7	2.1	1984	1984
6	1.8	1985	1985
12	3.6	1986	1986
19	5.7	1987	1987
19	5.7	1988	1988
9	2.7	1989	1989
19	5.7	1990	1990
12	3.6	1991	1991
15	4.5	1992	1992
21	6.3	1993	1993
26	7.8	1994	1994
33	9.9	1995	1995
28	8.4	1996	1996
31	9.3	1997	1997
19	5.7	1998	1998
18	5.4	1999	1999
5	1.5	2000	2000
3	0.9	9999	Unknown

---

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

---

VEHICLE ID NUMBER - 1ST 12 POSITIONS

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS VEHICLE VARIABLES

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

N	Prcnt	Code	Value and Description
31	9.3	0	Not applicable
1	0.3	1	Alabama
0	0.0	2	Alaska
5	1.5	4	Arizona
2	0.6	5	Arkansas
10	3.0	6	California
4	1.2	8	Colorado
4	1.2	9	Connecticut
3	0.9	10	Delaware
1	0.3	11	District of Columbia
26	7.8	12	Florida
7	2.1	13	Georgia
0	0.0	15	Hawaii
3	0.9	16	Idaho
12	3.6	17	Illinois
5	1.5	18	Indiana
2	0.6	19	Iowa
2	0.6	20	Kansas
1	0.3	21	Kentucky
3	0.9	22	Louisiana
1	0.3	23	Maine
9	2.7	24	Maryland
2	0.6	25	Massachusetts
9	2.7	26	Michigan
5	1.5	27	Minnesota
1	0.3	28	Mississippi
6	1.8	29	Missouri
0	0.0	30	Montana
0	0.0	31	Nebraska
2	0.6	32	Nevada
0	0.0	33	New Hampshire
16	4.8	34	New Jersey
2	0.6	35	New Mexico
35	10.5	36	New York
5	1.5	37	North Carolina
0	0.0	38	North Dakota
11	3.3	39	Ohio
8	2.4	40	Oklahoma
6	1.8	41	Oregon
23	6.9	42	Pennsylvania
0	0.0	43	Puerto Rico
1	0.3	44	Rhode Island
5	1.5	45	South Carolina
0	0.0	46	South Dakota
2	0.6	47	Tennessee
17	5.1	48	Texas
3	0.9	49	Utah
0	0.0	50	Vermont
5	1.5	51	Virginia
8	2.4	53	Washington
2	0.6	54	West Virginia

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

## Variable 123:REGISTRATION STATE (Continued)

N	Prcnt	Code	Value and Description
4	1.2	55	Wisconsin
0	0.0	56	Wyoming
5	1.5	92	No registration
11	3.3	93	Multiple state registration - in state
0	0.0	94	Multiple state registration - out-of-state
3	0.9	95	U.S. government tags
0	0.0	96	Military vehicle
0	0.0	97	Foreign country
0	0.0	98	Other registration
4	1.2	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
36	10.8	0	N/A, Vehicle Not Registered
7	2.1	1	Driver was Registered Owner
8	2.4	2	Driver Not Registered Owner (other private owner listed)
277	83.2	3	Vehicle registered as Business/Company/Government vehicle
1	0.3	4	Vehicle registered as Rental vehicle
0	0.0	5	Vehicle was Stolen (reported by police)
0	0.0	6	Driverless Vehicle
4	1.2	9	Unknown

---

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

---

N	Prcnt	Code	Value and Description
321	96.4	0	No rollover
2	0.6	1	First event
10	3.0	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
333	100.0	0	Not an articulated vehicle

Variable 126:JACKKNIFE (Continued)

N	Prcnt	Code	Value and Description
0	0.0	1	No
0	0.0	2	First event
0	0.0	3	Subsequent event

---

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

---

N	Prcnt	Code	Value and Description
37	11.1	0	Stopped vehicle
		-	Actual miles per hour
1	0.3	75	91 mph or greater
189	56.8	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
333	100.0	0	No
0	0.0	1	Yes, Placarded
0	0.0	2	Yes, Not Placarded
0	0.0	3	Yes, Unknown if Placarded
0	0.0	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
332	99.7	0	No
0	0.0	1	Yes, one trailing unit
0	0.0	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
1	0.3	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

---

<b>Variable 130</b>	<b>VEHICLE CONFIGURATION</b>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
22	6.6	0	Not Applicable, not a med/heavy truck or bus
0	0.0	1	Single Unit Truck (SUT): 2 axles, 6 tires
0	0.0	2	SUT: 3 or more axles
0	0.0	3	SUT: Unk axles and tires
0	0.0	4	Truck/Trailer(s)
0	0.0	5	Truck Tractor (bobtail)
0	0.0	6	Tractor/Semitrailer
0	0.0	7	Medium/Heavy Truck, cannot classify
309	92.8	8	Bus
2	0.6	9	Unknown if light or med/heavy truck or bus

---

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

---

N	Prcnt	Code	Value and Description
22	6.6	0	Not Applicable, not a med/heavy truck or bus
172	51.7	2	2 axles
47	14.1	3	3 axles
1	0.3	4	4 axles
87	26.1	98	Medium/Heavy Truck or Bus, no. of axles unk
4	1.2	99	Unknown if light or med/heavy truck or bus

---

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

---

N	Prcnt	Code	Value and Description
22	6.6	0	Not Applicable, not a med/heavy truck or bus
0	0.0	1	Van/Enclosed Box
0	0.0	2	Cargo Tank
0	0.0	3	Flatbed
0	0.0	4	Dump
0	0.0	5	Concrete Mixer
0	0.0	6	Auto Transporter
0	0.0	7	Garbage/Refuse
309	92.8	8	Bus
2	0.6	99	Unknown if light or med/heavy truck or bus



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

---

<b>Variable 136</b>	<b>IMPACT POINT - PRINCIPAL</b>	<b>Width: 2</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 99</b>

---

N	Prcnt	Code	Value and Description
3	0.9	0	Noncollision
11	3.3	1	1 o'clock
4	1.2	2	2 o'clock
6	1.8	3	3 o'clock
9	2.7	4	4 o'clock
7	2.1	5	5 o'clock
45	13.5	6	6 o'clock
8	2.4	7	7 o'clock
3	0.9	8	8 o'clock
10	3.0	9	9 o'clock
7	2.1	10	10 o'clock
28	8.4	11	11 o'clock
174	52.3	12	12 o'clock
0	0.0	13	Top
14	4.2	14	Undercarriage
4	1.2	99	Unknown

---

<b>Variable 137</b>	<b>EXTENT OF DEFORMATION</b>	<b>Width: 1</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 9</b>

---

N	Prcnt	Code	Value and Description
58	17.4	0	None
65	19.5	2	Other (minor)
96	28.8	4	Functional (moderate)
108	32.4	6	Disabling (severe)
6	1.8	9	Unknown

---

<b>Variable 138</b>	<b>VEHICLE ROLE</b>	<b>Width: 1</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 9</b>

---

N	Prcnt	Code	Value and Description
3	0.9	0	Noncollision
225	67.6	1	Striking
95	28.5	2	Struck
9	2.7	3	Both
1	0.3	9	Unknown



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS VEHICLE VARIABLES

---

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

N	Prcnt	Code	Value and Description
126	37.8	1	Driven
197	59.2	2	Towed away
0	0.0	3	Abandoned/Left at Scene
10	3.0	9	Unknown

---

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

N	Prcnt	Code	Value and Description
332	99.7	0	No fire
1	0.3	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
183	55.0	1	Going straight
3	0.9	2	Slowing or stopping in traffic lane
18	5.4	3	Starting in traffic lane
42	12.6	4	Stopped in traffic lane
2	0.6	5	Passing or overtaking another vehicle
1	0.3	6	Leaving a parked position
1	0.3	7	Parked
0	0.0	8	Entering a parked position
5	1.5	9	Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc.
1	0.3	10	Turning right: Right Turn On Red (RTOR) permitted
0	0.0	11	Turning right: RTOR not permitted
10	3.0	12	Turning right: RTOR not known if permitted or n/a
39	11.7	13	Turning left
0	0.0	14	Making a U-turn
0	0.0	15	Backing up (other than for parking purposes)
2	0.6	16	Changing lanes or merging
23	6.9	17	Negotiating a curve
2	0.6	98	Other
1	0.3	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

---

<b>Variable 143</b>	<b>CRASH AVOIDANCE MANUEVER</b>	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

N	Prcnt	Code	Value and Description
140	42.0	0	No Avoidance Maneuver Reported
12	3.6	1	Braking (skidmarks evident)
6	1.8	2	Braking (no skidmarks; driver stated)
5	1.5	3	Braking (other reported evidence)
21	6.3	4	Steering (evidence or stated)
30	9.0	5	Steer & Braking (evidence or stated)
3	0.9	6	Other Avoidance Maneuver
116	34.8	8	Not Reported (by Police)

---

<b>Variable 144</b>	<b>MOST HARMFUL EVENT</b>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

**MOST HARMFUL EVENT**

N	Prcnt	Code	Value and Description
8	2.4	1	Overturn
1	0.3	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
1	0.3	5	Fell from vehicle
1	0.3	6	Injured in vehicle
0	0.0	7	Other noncollision
80	24.0	8	Pedestrian
9	2.7	9	Pedalcycle
0	0.0	10	Railway train
0	0.0	11	Animal
220	66.1	12	Motor vehicle in transport
2	0.6	13	Motor vehicle in transport in other roadway
0	0.0	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)
1	0.3	19	Building
0	0.0	20	Impact attenuator/crash cushion
0	0.0	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
0	0.0	23	Bridge rail
0	0.0	24	Guardrail
0	0.0	25	Concrete traffic barrier
0	0.0	26	Other longitudinal barrier type
0	0.0	27	Highway/traffic sign post
0	0.0	28	Overhead sign support
0	0.0	29	Luminaire/light support
2	0.6	30	Utility pole
0	0.0	31	Other post, pole or supports
0	0.0	32	Culvert
0	0.0	33	Curb

Variable 144:MOST HARMFUL EVENT (Continued)

N	Prcnt	Code	Value and Description
0	0.0	34	Ditch
1	0.3	35	Embankment - earth
1	0.3	36	Embankment - rock, stone or concrete
0	0.0	37	Embankment - material type unknown
0	0.0	38	Fence
0	0.0	39	Wall
0	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
4	1.2	42	Tree
0	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
0	0.0	45	Transport device used as equipment
0	0.0	46	Traffic signal support
2	0.6	47	Vehicle Occupant Struck or Run Over by Own Vehicle
0	0.0	48	Collision With Snow Bank
0	0.0	49	Ridden Animal or Animal drawn conveyance
0	0.0	99	Unknown

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

Noncollision Event

- 1 Overturn
- 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

Collision With Fixed Object

- 17 Boulder
- 19 Building
- 20 Impact attenuator/crash cushion
- 21 Bridge pier or abutment
- 22 Bridge parapet end

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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Variable 144: MOST HARMFUL EVENT (Continued)

N	Prcnt	Code	Value and Description
		23	Bridge rail
		24	Guardrail
		25	Concrete traffic barrier
		26	Other longitudinal barrier type
		27	Highway/traffic sign post
		28	Overhead sign support
		29	Luminaire/light support
		30	Utility pole
		31	Other post, pole or supports
		32	Culvert
		33	Curb
		34	Ditch
		35	Embankment - earth
		36	Embankment - rock, stone or concrete
		37	Embankment - material type unknown
		38	Fence
		39	Wall
		40	Fire hydrant
		41	Shrubbery
		42	Tree
		43	Other fixed object
		46	Traffic signal support
		48	Collision With Snow Bank

---

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

---

NUMBER OF DEATHS IN VEHICLE

N	Prcnt	Code	Value and Description
302	90.7	0	0 deaths
24	7.2	1	1 death
3	0.9	2	2 deaths
2	0.6	3	3 deaths
1	0.3	6	6 deaths
1	0.3	22	22 deaths

---

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

---

N	Prcnt	Code	Value and Description
0	0.0	1	(E) Electric operated
21	6.3	2	(G) Gas
102	30.6	3	(D) Diesel
0	0.0	4	(P) Propane
7	2.1	7	(*) Not available from VIN

Variable 151:VIN TRUCK FUEL CODE (Continued)

N	Prcnt	Code	Value and Description
0	0.0	8	(b) Unknown
203	61.0	9	(9) No VIN information

---

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

---

N	Prcnt	Code	Value and Description
9	2.7	0	Value not returned
0	0.0	1	6,000 lbs. or less
13	3.9	2	6,001 - 10,000 lbs.
4	1.2	3	10,001 - 14,000 lbs.
2	0.6	4	14,001 - 16,000 lbs.
1	0.3	5	16,001 - 19,500 lbs.
28	8.4	6	19,501 - 26,000 lbs.
72	21.6	7	26,001 - 33,000 lbs.
1	0.3	8	33,001 lbs. or more
203	61.0	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
3	0.9	0	- Actual length
322	96.7	17	
0	0.0	99	Unknown VIN length

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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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).

---

<u>Variable 156</u>	<u>NUMBER UNINJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## NO. UNINJURED IN VEHICLE

N	Prcnt	Code	Value and Description
124	37.2	0	0 uninjured
205	61.6	1	1 uninjured
2	0.6	2	2 uninjured
1	0.3	3	3 uninjured
1	0.3	4	4 uninjured

---

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

## NO. C-INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
240	72.1	0	0 C-injured
35	10.5	1	1 C-injured
12	3.6	2	2 C-injured
8	2.4	3	3 C-injured
7	2.1	4	4 C-injured
5	1.5	5	5 C-injured

---

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

## NO. B-INJURED IN VEHICLE

N	Prcnt	Code	Value and Description
276	82.9	0	0 B-injured
30	9.0	1	1 B-injured
6	1.8	2	2 B-injured
4	1.2	3	3 B-injured
2	0.6	4	4 B-injured
3	0.9	5	5 B-injured
1	0.3	52	52 B-injured

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS VEHICLE VARIABLES

---

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
289	86.8	0	0 A-injured
15	4.5	1	1 A-injured
7	2.1	2	2 A-injured
6	1.8	3	3 A-injured
4	1.2	4	4 A-injured
4	1.2	5	5 A-injured
2	0.6	6	6 A-injured
2	0.6	10	10 A-injured
1	0.3	12	12 A-injured
1	0.3	13	13 A-injured
1	0.3	16	16 A-injured
1	0.3	22	22 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
302	90.7	0	0 killed
24	7.2	1	1 killed
3	0.9	2	2 killed
2	0.6	3	3 killed
1	0.3	6	6 killed
1	0.3	22	22 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
327	98.2	0	0 unknown injured
3	0.9	1	1 unknown injured
1	0.3	3	3 unknown injured
1	0.3	9	9 unknown injured
1	0.3	29	29 unknown injured

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

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
314	94.3	0	None
Vehicle Condition(s) Noted:			
1	0.3	1	Tires
6	1.8	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
2	0.6	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors
0	0.0	12	Wipers
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors, hood, other
0	0.0	15	Trailer hitch
0	0.0	16	Wheels
0	0.0	17	Airbags
0	0.0	18	Other vehicle defects
Special Vehicle Flags:			
3	0.9	31	Hit-and-run vehicle
1	0.3	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
0	0.0	36	Electric/Alternative fuel vehicles
4	1.2	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
328	98.5	0	None
Vehicle Condition(s) Noted:			
1	0.3	10	Horn



Variable 163:VEH RELATED FACTORS #2 (Continued)

N	Prcnt	Code	Value and Description
4	1.2	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
331	99.4	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
			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
1	0.3	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)
23	6.9	00	Not applicable
0	0.0	01	
			- FARS State Code
0	0.0	56	
39	11.7	57	US DOT
18	5.4	58	ICC
112	33.6	88	None
0	0.0	95	Canada
0	0.0	98	Mexico
90	27.0	99	Unknown
			Identification Number (cols 3-11)
		000000000	Not applicable
		888888888	None
		999999999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS VEHICLE VARIABLES

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
332	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
332	99.7	0	No drinking reported
1	0.3	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
1	0.3	1	Alabama
0	0.0	2	Alaska
5	1.5	4	Arizona
3	0.9	5	Arkansas
42	12.6	6	California
4	1.2	8	Colorado
4	1.2	9	Connecticut
3	0.9	10	Delaware
1	0.3	11	District of Columbia
25	7.5	12	Florida
10	3.0	13	Georgia
1	0.3	15	Hawaii
2	0.6	16	Idaho
13	3.9	17	Illinois
6	1.8	18	Indiana
1	0.3	19	Iowa
5	1.5	20	Kansas
1	0.3	21	Kentucky
3	0.9	22	Louisiana
1	0.3	23	Maine

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

## Variable 209: LICENSE STATE (Continued)

N	Prcnt	Code	Value and Description
10	3.0	24	Maryland
2	0.6	25	Massachusetts
9	2.7	26	Michigan
5	1.5	27	Minnesota
1	0.3	28	Mississippi
6	1.8	29	Missouri
0	0.0	30	Montana
0	0.0	31	Nebraska
4	1.2	32	Nevada
0	0.0	33	New Hampshire
15	4.5	34	New Jersey
4	1.2	35	New Mexico
33	9.9	36	New York
4	1.2	37	North Carolina
0	0.0	38	North Dakota
12	3.6	39	Ohio
3	0.9	40	Oklahoma
5	1.5	41	Oregon
25	7.5	42	Pennsylvania
1	0.3	44	Rhode Island
7	2.1	45	South Carolina
0	0.0	46	South Dakota
3	0.9	47	Tennessee
21	6.3	48	Texas
3	0.9	49	Utah
0	0.0	50	Vermont
7	2.1	51	Virginia
11	3.3	53	Washington
2	0.6	54	West Virginia
4	1.2	55	Wisconsin
0	0.0	56	Wyoming
0	0.0	94	Military
0	0.0	95	Canada
0	0.0	96	Mexico
1	0.3	97	Other foreign country
4	1.2	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
1	0.3	1	Suspended
0	0.0	2	Revoked
0	0.0	3	Expired

Variable 210:NON-CDL LICENSE STATUS (Continued)

N	Prcnt	Code	Value and Description
0	0.0	4	Cancelled or denied
Valid license			
326	97.9	6	Valid
0	0.0	7	Learner's permit
0	0.0	8	Temporary
6	1.8	9	Unknown

---

Variable 211	<u>LICENSE CLASS COMPLIANCE</u>	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
5	1.5	2	No valid license for this class vehicle
322	96.7	3	Valid license for this class vehicle
0	0.0	8	Unknown if CDL and/or CDL endorsement required for this vehicle
6	1.8	9	Unknown

---

Variable 212	<u>CDL LICENSE STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

N	Prcnt	Code	Value and Description
11	3.3	0	No CDL
0	0.0	1	Suspended
0	0.0	2	Revoked
0	0.0	3	Expired
0	0.0	4	Cancelled or denied
1	0.3	5	Disqualified
314	94.3	6	Valid
1	0.3	7	Learner's permit
0	0.0	8	Other - not valid
6	1.8	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

---

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

---

## COMPLIANCE WITH LICENSE ENDORSEMENTS

N	Prcnt	Code	Value and Description
43	12.9	0	No Endorsements
230	69.1	1	Endorsement(s) complied with
2	0.6	2	Endorsement(s) not complied with
51	15.3	3	Endorsement(s), compliance unknown
7	2.1	9	Unknown

---

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

---

## COMPLIANCE WITH LICENSE RESTRICTIONS

N	Prcnt	Code	Value and Description
168	50.5	0	No restrictions or not applicable
40	12.0	1	Restrictions complied with
2	0.6	2	Restrictions not complied with
116	34.8	3	Restrictions, compliance unknown
7	2.1	9	Unknown

---

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

---

## NUMBER OF PREVIOUS RECORDED ACCIDENTS

N	Prcnt	Code	Value and Description
234	70.3	0	0 accidents
58	17.4	1	1 accident
10	3.0	2	2 accidents
6	1.8	3	3 accidents
17	5.1	98	Accidents not reported on driving record
8	2.4	99	Unknown

---

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

---

## NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

N	Prcnt	Code	Value and Description
308	92.5	0	0 suspensions
11	3.3	1	1 suspension
3	0.9	2	2 suspensions

Variable 217:NUMBER PREV SUSPENSIONS (Continued)

N	Prcnt	Code	Value and Description
1	0.3	3	3 suspensions
2	0.6	4	4 suspensions
8	2.4	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
322	96.7	0	0 DWI convictions
3	0.9	1	1 DWI conviction
8	2.4	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
279	83.8	0	0 speed convictions
39	11.7	1	1 speed conviction
5	1.5	2	2 speed convictions
2	0.6	3	3 speed convictions
8	2.4	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
269	80.8	0	0 other convictions
47	14.1	1	1 other conviction
5	1.5	2	2 other convictions
3	0.9	3	3 other convictions
1	0.3	5	5 other convictions
8	2.4	99	Unknown

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FARS DRIVER VARIABLES

---

<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
185	55.6	0	No record
16	4.8	1	January
13	3.9	2	February
10	3.0	3	March
6	1.8	4	April
16	4.8	5	May
15	4.5	6	June
10	3.0	7	July
13	3.9	8	August
14	4.2	9	September
7	2.1	10	October
11	3.3	11	November
9	2.7	12	December
8	2.4	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
185	55.6	0	No record
12	3.6	1996	1996
43	12.9	1997	1997
49	14.7	1998	1998
36	10.8	1999	1999
8	2.4	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
185	55.6	0	No record
12	3.6	1	January
14	4.2	2	February
10	3.0	3	March
11	3.3	4	April
16	4.8	5	May
14	4.2	6	June
15	4.5	7	July
10	3.0	8	August



Variable 223:FIRST ACCIDENT - MONTH (Continued)

N	Prcnt	Code	Value and Description
12	3.6	9	September
5	1.5	10	October
12	3.6	11	November
9	2.7	12	December
8	2.4	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
185	55.6	0	No record
27	8.1	1996	1996
57	17.1	1997	1997
37	11.1	1998	1998
19	5.7	1999	1999
8	2.4	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
235	70.6	0	None
Physical/Mental Condition			
3	0.9	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
0	0.0	5	Other drugs
10	3.0	6	Inattentive (talking, eating, etc.)
0	0.0	7	Restricted to wheelchair
0	0.0	8	Paraplegic
0	0.0	9	Impaired due to previous injury
0	0.0	10	Deaf
0	0.0	11	Other physical impairment
0	0.0	12	Mother of dead fetus
0	0.0	13	Mentally challenged
0	0.0	14	Failure to take drugs/medication
Miscellaneous Causes			
0	0.0	18	Travelling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

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

N	Prcnt	Code	Value and Description
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
1	0.3	24	Operating without required equipment
0	0.0	25	Creating unlawful noise or using equipment prohibited by law
0	0.0	26	Following improperly
0	0.0	27	Improper or erratic lane changing
4	1.2	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
28	8.4	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
6	1.8	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
1	0.3	46	Racing
0	0.0	47	Making right turn from left turn lane, making left turn from right turn lane
1	0.3	48	Making other improper turn
0	0.0	49	Failure to comply with physical restrictions of license
0	0.0	50	Driving wrong way on one-way trafficway
0	0.0	51	Driving on wrong side of road (intentionally or unintentionally)
0	0.0	52	Operator inexperience
1	0.3	53	Unfamiliar with roadway
4	1.2	54	Stopped or stopping in roadway (vehicle not abandoned)
0	0.0	55	Underriding a parked truck
0	0.0	56	Improper tire pressure
0	0.0	57	Locked wheel
1	0.3	58	Over correcting
0	0.0	59	Getting off/out of or on/in to moving vehicle

Variable 227:DRIVER RELATED FACTORS#1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	60	Getting off/out of or on/in to nonmoving vehicle
			Vision Obscured By:
6	1.8	61	Rain, snow, fog, smoke, sand, dust
0	0.0	62	Reflected glare, bright sunlight, headlights
0	0.0	63	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	64	Building, billboard, other structures
1	0.3	65	Trees, crops, vegetation
0	0.0	66	Motor vehicle (including load)
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
0	0.0	80	Tire blow-out or flat
0	0.0	81	Debris or objects in road
0	0.0	82	Ruts, holes, bumps in road
0	0.0	83	Live animals in road
2	0.6	84	Vehicle in road
1	0.3	85	Phantom vehicle
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
0	0.0	89	Carrying hazardous cargo improperly
2	0.6	90	Hit-and-run vehicle driver
1	0.3	91	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
2	0.6	92	Other nonmoving traffic violations
			Possible distractions (inside vehicle)
0	0.0	93	Cellular phone
0	0.0	94	Fax machine
0	0.0	95	Computer
0	0.0	96	On-board Navigation system
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
5	1.5	99	Unknown

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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
292	87.7	0	None
			Physical/Mental Condition
2	0.6	6	Inattentive (talking, eating, etc.)
			Miscellaneous Causes
2	0.6	26	Following improperly
5	1.5	28	Failure to keep in proper lane or running off road
2	0.6	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
1	0.3	36	Operating the vehicle in an erratic, reckless, careless or negligent manner
3	0.9	38	Failure to yield right-of-way
1	0.3	39	Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
3	0.9	44	Driving too fast for conditions or in excess of posted maximum
5	1.5	48	Making other improper turn
1	0.3	58	Over correcting
			Vision Obscured By:
1	0.3	63	Curve, hill, or other design features (including traffic signs, embankment)
1	0.3	66	Motor vehicle (including load)
1	0.3	71	Obstructing angles on vehicle
2	0.6	73	Mirrors - other
			Avoiding, Swerving or Sliding due to:
2	0.6	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Other Miscellaneous Factors
3	0.9	91	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
1	0.3	92	Other nonmoving traffic violations
5	1.5	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
319	95.8	0	None

Variable 229:DRIVER RELATED FACTORS#3 (Continued)

N	Prcnt	Code	Value and Description
Miscellaneous Causes			
1	0.3	28	Failure to keep in proper lane or running off road
1	0.3	36	Operating the vehicle in an erratic, reckless, careless or negligent manner
1	0.3	38	Failure to yield right-of-way
2	0.6	44	Driving too fast for conditions or in excess of posted maximum
1	0.3	58	Over correcting
Vision Obscured By:			
1	0.3	61	Rain, snow, fog, smoke, sand, dust
Avoiding, Swerving or Sliding due to:			
1	0.3	84	Vehicle in road
Other Miscellaneous Factors			
1	0.3	91	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
5	1.5	99	Unknown

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

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FACTORS AT DRIVER LEVEL - RESPONSE #4

N	Prcnt	Code	Value and Description
324	97.3	0	None
Miscellaneous Causes			
1	0.3	28	Failure to keep in proper lane or running off road
1	0.3	58	Over correcting
Avoiding, Swerving or Sliding due to:			
1	0.3	80	Tire blow-out or flat
Other Miscellaneous Factors			
1	0.3	92	Other nonmoving traffic violations
5	1.5	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

Variable 231	VIOLATIONS CHARGED #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99
N	Prcnt	Code Value and Description	
294	88.3	0	None
RECKLESS/CARELESS/HIT-AND-RUN TYPE OFFENSES			
2	0.6	1	Manslaughter or Homicide
0	0.0	2	Willful Reckless Driving; Driving to Endanger; Negligent Driving
2	0.6	3	Unsafe Reckless (Not Willful, Wanton Reckless) Driving
1	0.3	4	Inattentive, Careless, Improper Driving
0	0.0	5	Fleeing or Eluding Police
0	0.0	6	Fail to Obey Police, Fireman, Authorized Person Directing Traffic
0	0.0	7	Hit-and-Run, Fail to Stop After Accident
0	0.0	8	Fail to Give Aid, Info., Wait for Police After Accident
1	0.3	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)
0	0.0	23	Speed Greater than Reasonable & Prudent
0	0.0	24	Exceeding Special Speed Limit (e.g.: for Trucks, Buses, Cycles, or on Bridge, in School Zone, etc.)
0	0.0	25	Energy Speed (Exceeding 55 MPH, Non-Pointable)
0	0.0	26	Driving too Slowly
0	0.0	29	Speed Related Violations Generally
RULES OF THE ROAD - TRAFFIC SIGN & SIGNALS			
0	0.0	31	Fail to Stop for Red Signal
0	0.0	32	Fail to Stop for Flashing Red
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)
0	0.0	35	Fail to Obey Signal Generally
0	0.0	36	Violate RR Grade Crossing Device/Regulations
1	0.3	37	Fail to Obey Stop Sign
0	0.0	38	Fail to Obey Yield Sign
2	0.6	39	Fail to Obey Traffic Control Device Generally
RULES OF THE ROAD - TURNING, YIELDING, SIGNALING			

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS DRIVER VARIABLES

Variable 231:VIOLATIONS CHARGED #1 (Continued)

N	Prcnt	Code	Value and Description
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
11	3.3	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
0	0.0	69	Lane Violations Generally
NON-MOVING - LICENSE & REGISTRATION VIOLATIONS			
1	0.3	71	Driving While License Withdrawn
0	0.0	72	Other Driver License Violations
0	0.0	73	Commercial Driver Violations
1	0.3	74	Vehicle Registration Violations
0	0.0	75	Fail to Carry Insurance Card
0	0.0	76	Driving Uninsured Vehicle
1	0.3	79	Non-Moving Violations Generally
EQUIPMENT			
0	0.0	81	Lamp Violations
0	0.0	82	Brake Violations
0	0.0	83	Failure to Require Restraint use (by Self or 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
1	0.3	89	Equipment Violations Generally
OTHER VIOLATIONS			
0	0.0	91	Parking
0	0.0	92	Theft, Unauthorized use of Motor Vehicle

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS DRIVER VARIABLES

Variable 231:VIOLATIONS CHARGED #1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	93	Driving where Prohibited (Sidewalk, Limited Access, Off Truck Route)
0	0.0	98	Other Moving Violation
14	4.2	99	Unknown Violation

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

N	Prcnt	Code	Value and Description
320	96.1	0	None
RECKLESS/CARELESS/HIT-AND-RUN TYPE OFFENSES			
1	0.3	1	Manslaughter or Homicide
1	0.3	2	Willful Reckless Driving; Driving to Endanger; Negligent Driving
1	0.3	4	Inattentive, Careless, Improper Driving
10	3.0	99	Unknown Violation

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

N	Prcnt	Code	Value and Description
322	96.7	0	None
IMPAIRMENT OFFENSES			
1	0.3	11	Driving While Intoxicated (Alcohol or Drugs) or BAC Above Limit
10	3.0	99	Unknown Violation

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

N	Prcnt	Code	Value and Description
1	0.3	55	- Actual inches
1	0.3	77	
6	1.8	99	Unknown



BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

---

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	350	
0	0.0	998	Other
114	34.2	999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS DRIVER VARIABLES

The OCCUPANT Variables

Variables 306 through 362 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
332	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	21	21 years
3	0.9	22	22 years
2	0.6	23	23 years
3	0.9	24	24 years
3	0.9	25	25 years
3	0.9	26	26 years
3	0.9	27	27 years
5	1.5	28	28 years
6	1.8	29	29 years
5	1.5	30	30 years
5	1.5	31	31 years
6	1.8	32	32 years
7	2.1	33	33 years
10	3.0	34	34 years
8	2.4	35	35 years
7	2.1	36	36 years
6	1.8	37	37 years
7	2.1	38	38 years
10	3.0	39	39 years
8	2.4	40	40 years
11	3.3	41	41 years
10	3.0	42	42 years
10	3.0	43	43 years
12	3.6	44	44 years
6	1.8	45	45 years
10	3.0	46	46 years
5	1.5	47	47 years
14	4.2	48	48 years
10	3.0	49	49 years
17	5.1	50	50 years
9	2.7	51	51 years
8	2.4	52	52 years
4	1.2	53	53 years

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS OCCUPANT VARIABLES

## Variable 308:OCCUPANT AGE (Continued)

N	Prcnt	Code	Value and Description
5	1.5	54	54 years
9	2.7	55	55 years
8	2.4	56	56 years
8	2.4	57	57 years
11	3.3	58	58 years
5	1.5	59	59 years
5	1.5	60	60 years
4	1.2	61	61 years
4	1.2	62	62 years
4	1.2	63	63 years
4	1.2	64	64 years
5	1.5	65	65 years
2	0.6	66	66 years
3	0.9	67	67 years
1	0.3	68	68 years
3	0.9	69	69 years
3	0.9	70	70 years
4	1.2	71	71 years
2	0.6	72	72 years
2	0.6	73	73 years
1	0.3	74	74 years
1	0.3	80	80 years
1	0.3	81	81 years
3	0.9	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
207	62.2	1	Male
123	36.9	2	Female
3	0.9	9	Unknown

---

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

---

N	Prcnt	Code	Value and Description
332	99.7	1	Driver of a motor vehicle in transport
0	0.0	9	Unknown occupant type in a motor vehicle in transport
1	0.3	99	Unknown occupant type

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS OCCUPANT VARIABLES

---

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

---

N	Prcnt	Code	Value and Description
332	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
45	13.5	0	None used (vehicle occupant) or not applicable (nonmotorist)
1	0.3	1	Shoulder belt
86	25.8	2	Lap belt
147	44.1	3	Lap and shoulder belt
12	3.6	8	Restraint used - type unknown or other
1	0.3	13	Safety belt used improperly
41	12.3	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)			
2	0.6	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)			
5	1.5	20	Airbag available - NO DEPLOYMENT
0	0.0	28	Airbag available - SWITCHED OFF
Unknown if Deployed			
2	0.6	29	Airbag available - UNKNOWN IF DEPLOYED
Not Available			
319	95.8	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)

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS OCCUPANT VARIABLES

---

<u>Variable 314</u>	<u>OCCUPANT EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
323	97.0	0	Not ejected - not applicable
8	2.4	1	Totally ejected
0	0.0	2	Partially ejected
2	0.6	9	Unknown

---

<u>Variable 315</u>	<u>EJECTION PATH</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
323	97.0	0	Not Ejected: N/A
0	0.0	1	Side door opening
0	0.0	2	Side window
3	0.9	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)
7	2.1	9	Unknown/unknown path

---

<u>Variable 316</u>	<u>OCCUPANT EXTRICATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
322	96.7	0	Not extricated - not applicable
9	2.7	1	Extricated
2	0.6	9	Unknown

---

<u>Variable 321</u>	<u>DRUG INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

POLICE REPORTED OTHER DRUG INVOLVEMENT

N	Prcnt	Code	Value and Description
110	33.0	0	No (other drugs not involved)
1	0.3	1	Yes (other drugs involved)
212	63.7	8	Not Reported
10	3.0	9	Unknown (police reported as unknown)

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS OCCUPANT VARIABLES

---

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

---

METHOD OTHER DRUG DETERMINATION (POLICE)

N	Prcnt	Code	Value and Description
8	2.4	1	Evidential Test (blood, urine)
0	0.0	2	Drug Recognition Technician (DRT) determined
5	1.5	3	Behavioral
15	4.5	7	Other
305	91.6	8	Not Reported

---

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

---

N	Prcnt	Code	Value and Description
208	62.5	0	Not Tested For Drugs
37	11.1	1	Blood Test
10	3.0	2	Urine Test
3	0.9	3	Both: Blood and Urine
7	2.1	7	Unknown Test Type
0	0.0	8	Other Type Test
68	20.4	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
208	62.5	0	Not Tested For Drugs
44	13.2	1	No Drugs Reported
0	0.0	100	- Narcotic Drug
0	0.0	295	
0	0.0	300	- Depressant Drug
0	0.0	395	
0	0.0	400	- Stimulant Drug
0	0.0	495	
0	0.0	500	- Hallucinogen Drug
0	0.0	595	
0	0.0	600	- Cannabinoid Drug

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS OCCUPANT VARIABLES

Variable 324:DRUG TEST RESULTS #1 (Continued)

N	Prcnt	Code	Value and Description
0	0.0	695	
0	0.0	700	
0	0.0	795	- Phencyclidine (PCP)
0	0.0	800	
0	0.0	895	- Anabolic Steroid
0	0.0	900	
0	0.0	995	- Inhalant Drug
1	0.3	996	Other Drug
11	3.3	997	Tested For Drugs, Results Unknown
0	0.0	998	Tested For Drugs, Drugs Found, Type Unknown
68	20.4	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
309	92.8	0	Not Tested For Drugs
10	3.0	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
14	4.2	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
309	92.8	0	Not Tested For Drugs
10	3.0	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
14	4.2	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
309	92.8	0	Not Tested For Drugs
10	3.0	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
14	4.2	9	Unknown if Tested for Drugs

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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Variable 328	DRUG TEST RESULTS #3	Width: 3	Type: Numeric
		Dec: None	Miss: 999

N	Prcnt	Code	Value and Description
309	92.8	0	Not Tested For Drugs
10	3.0	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
14	4.2	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
208	62.5	0	O - no injury
49	14.7	1	C - possible injury
28	8.4	2	B - nonincapacitating evident injury
24	7.2	3	A - incapacitating injury

Variable 329:OCCUPANT INJURY SEVERITY (Continued)

N	Prcnt	Code	Value and Description
18	5.4	4	K - fatal injury
3	0.9	5	Injured, severity unknown
0	0.0	6	Died prior to accident
3	0.9	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
225	67.6	0	No
86	25.8	1	Yes
8	2.4	7	Died at the scene
0	0.0	8	Died En Route
14	4.2	9	Unknown

---

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

---

N	Prcnt	Code	Value and Description
313	94.0	0	Not applicable
0	0.0	1	January
2	0.6	2	February
0	0.0	3	March
1	0.3	4	April
0	0.0	5	May
1	0.3	6	June
2	0.6	7	July
1	0.3	8	August
2	0.6	9	September
1	0.3	10	October
5	1.5	11	November
3	0.9	12	December
2	0.6	99	Unknown

---

Variable 332	OCC DEATH DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

N	Prcnt	Code	Value and Description
313	94.0	0	Not applicable
2	0.6	1	- Day of month

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS OCCUPANT VARIABLES

## Variable 332: OCC DEATH DATE - DAY (Continued)

N	Prcnt	Code	Value and Description
0	0.0	31	
2	0.6	99	Unknown

---

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

N	Prcnt	Code	Value and Description
313	94.0	0	Not applicable
18	5.4	1999	1999
2	0.6	9999	Unknown

---

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

N	Prcnt	Code	Value and Description
314	94.3	0	12:01 am - 12:59 am
1	0.3	2	2:00 am - 2:59 am
1	0.3	4	4:00 am - 4:59 am
3	0.9	7	7:00 am - 7:59 am
1	0.3	8	8:00 am - 8:59 am
2	0.6	9	9:00 am - 9:59 am
1	0.3	10	10:00 am - 10:59 am
1	0.3	11	11:00 am - 11:59 am
1	0.3	12	12:00 pm - 12:59 pm
1	0.3	13	1:00 pm - 1:59 pm
1	0.3	15	3:00 pm - 3:59 pm
1	0.3	17	5:00 pm - 5:59 pm
1	0.3	19	7:00 pm - 7:59 pm
1	0.3	21	9:00 pm - 9:59 pm
1	0.3	23	11:00 pm - 11:59 pm
2	0.6	99	Unknown

---

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

N	Prcnt	Code	Value and Description
316	94.9	0	- Minute
1	0.3	59	
2	0.6	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 FARS OCCUPANT VARIABLES

---

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

N	Prcnt	Code	Value and Description
14	4.2	0	- Actual time in hours
1	0.3	295	
310	93.1	999	Unknown

---

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

N	Prcnt	Code	Value and Description
3	0.9	0	No
9	2.7	1	Yes
312	93.7	8	Not Applicable (not a fatality)
9	2.7	9	Unknown

---

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

N	Prcnt	Code	Value and Description
255	76.6	0	No (alcohol not involved)
0	0.0	1	Yes (alcohol involved)
60	18.0	8	Not reported
18	5.4	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
17	5.1	1	Evidential test (breath, blood, urine)
3	0.9	2	Preliminary Breath Test (PBT)
1	0.3	3	Behavioral
0	0.0	4	Passive Alcohol Sensor (PAS)
48	14.4	5	Observed
1	0.3	8	Other (e.g., saliva test)
263	79.0	9	Not reported

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS OCCUPANT VARIABLES

---

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

---

N	Prcnt	Code	Value and Description
192	57.7	0	Not tested for Alcohol
71	21.3	1	Whole Blood
15	4.5	2	Breath "BAC"
5	1.5	3	Urine
0	0.0	4	Vitreous
0	0.0	5	Blood Plasma/Serum
0	0.0	6	Blood Clot
0	0.0	7	Liver
0	0.0	8	Other Test Type
50	15.0	9	Unknown

---

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

---

N	Prcnt	Code	Value and Description
75	22.5	0.00	BAC result < 0.01% - Result value (grams/100 ml) %
1	0.3	0.06	
0	0.0	0.95	Test refused
192	57.7	0.96	None given
18	5.4	0.97	AC test performed, results unknown
47	14.1	0.99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
313	94.0	0	Not applicable
5	1.5	1	White
2	0.6	2	Black
0	0.0	3	American Indian
			<b>Asian or Pacific Islander</b>
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
13	3.9	99	Unknown

---

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

---

N	Prcnt	Code	Value and Description
313	94.0	0	Not applicable
0	0.0	1	Mexican
0	0.0	2	Puerto Rican
0	0.0	3	Cuban
0	0.0	4	Central or South American
0	0.0	5	Other Hispanic
0	0.0	6	Hispanic - not specified
6	1.8	7	Non-Hispanic
14	4.2	99	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
FARS OCCUPANT VARIABLES



The SURVEY Variables

Information in variables 1001 through 1060 was collected by the BIFA interview.

---

Variable 1001	BUS MAKE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

---

N	Prcnt	Code	Value and Description
0	0.0	1	AM General
4	1.2	7	Dodge
25	7.5	12	Ford
15	4.5	20	Chevrolet
15	4.5	23	GMC
0	0.0	25	Grumman
0	0.0	51	Volvo
77	23.1	84	International Harvester
27	8.1	90	Blue Bird
4	1.2	91	Eagle Coach
19	5.7	92	Gillig
33	9.9	93	MCI
10	3.0	94	Thomas Built
25	7.5	111	Flexible
11	3.3	112	Neoplan
10	3.0	113	New Flyer
6	1.8	114	Ontario
14	4.2	115	TMC
36	10.8	998	Other
2	0.6	999	Unknown

---

Variable 1002	MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

---

N	Prcnt	Code	Value and Description
1	0.3	1958	1958
2	0.6	1973	1973
2	0.6	1978	1978
2	0.6	1979	1979
4	1.2	1980	1980
8	2.4	1981	1981
5	1.5	1982	1982
8	2.4	1983	1983
7	2.1	1984	1984
5	1.5	1985	1985
12	3.6	1986	1986
19	5.7	1987	1987
20	6.0	1988	1988
10	3.0	1989	1989
18	5.4	1990	1990
12	3.6	1991	1991

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
SURVEY VARIABLES

## Variable 1002:MODEL YEAR (Continued)

N	Prcnt	Code	Value and Description
15	4.5	1992	1992
22	6.6	1993	1993
25	7.5	1994	1994
33	9.9	1995	1995
29	8.7	1996	1996
32	9.6	1997	1997
17	5.1	1998	1998
19	5.7	1999	1999
5	1.5	2000	2000
1	0.3	9999	Unknown

---

Variable 1003	FRONT OF BUS	Width: 1	Type: Numeric
		Dec: None	Miss: 8

---

N	Prcnt	Code	Value and Description
126	37.8	1	Conventional Hood
204	61.3	2	Flat Front
3	0.9	8	Unknown

---

Variable 1004	ENGINE LOCATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
166	49.8	1	Rear
161	48.3	2	Front
3	0.9	8	Other
3	0.9	9	Unknown

---

Variable 1005	FUEL TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
23	6.9	1	Gasoline
258	77.5	2	Diesel
11	3.3	8	Fuel
41	12.3	9	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
SURVEY VARIABLES

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Variable 1006	BUS MODEL	Width: 10	Type: Alphabetic
		Dec: None	Miss: None

---

BUS MODEL NAME OR NUMBER

N	Prcnt	Code	Value and Description
1	0.3	102D3	
			- Model name or number
5	1.5	VAN HOOL	

---

Variable 1007	BUS TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
100	30.0	1	Big Cowl & Chassis
152	45.6	2	Low Platform
52	15.6	3	High Platform
18	5.4	4	Small Cowl & Chassis
8	2.4	8	Other
3	0.9	9	Unknown

---

Variable 1008	DESCRIPTION OF BUS	Width: 50	Type: Alphabetic
		Dec: None	Miss: None

---

BODY STYLE

N	Prcnt	Code	Value and Description
1	0.3		Alternative Fuel Heavy-Duty Transit Bus
1	0.3		Alternative Fuel Long-Distance Coach
1	0.3		Alternative Fuel Small School Bus
1	0.3		Alternative Fuel Special Needs Bus
1	0.3		Alternative Fuel Special Needs School Bus
4	1.2		Alternative Fuel Transit Bus
4	1.2		Articulated Transit Bus
4	1.2		Conventional Hood Bus
10	3.0		Conventional School Bus
1	0.3		Eight Passenger Mini Van
1	0.3		Fiberglass Coach on Van Based Chassis
58	17.4		Full-Size School Bus
1	0.3		Heavy-Duty Shuttle Bus
92	27.6		Heavy-Duty Transit Bus
1	0.3		Heavy-Duty Transit Bus With Wheelchair Lift
5	1.5		Large Passenger Van
49	14.7		Long-Distance Coach
25	7.5		Mid-Size School Bus
1	0.3		Mid-Size Commercial Bus
1	0.3		Retired School Bus
2	0.6		School Bus
1	0.3		Shorter Transit Bus

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
SURVEY VARIABLES

## Variable 1008:DESCRIPTION OF BUS (Continued)

N	Prcnt	Code	Value and Description
10	3.0		Small School Bus
2	0.6		Small Shuttle Bus
2	0.6		Small Shuttle Bus With Wheelchair Lift
1	0.3		Special Needs Converted Large Passenger Van
2	0.6		Special Needs Mid-Size School Bus
1	0.3		Special Needs Transit-Style School Bus
1	0.3		Standard Passenger Van
1	0.3		Transit Bus
1	0.3		Transit-Style Bus
43	12.9		Transit-Style School Bus
4	1.2		Unknown

---

Variable 1009	NUMBER OF AXLES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

## NUMBER OF AXLES

N	Prcnt	Code	Value and Description
275	82.6	2	2 axles
54	16.2	3	3 axles
4	1.2	9	Unknown

---

Variable 1010	BODY STYLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
324	97.3	1	Bus
7	2.1	2	Large Van
1	0.3	3	Mini Van
0	0.0	8	Other
1	0.3	9	Unknown

---

Variable 1011	PASS SEATING CAPACITY	Width: 3	Type: Numeric
		Dec: None	Miss: 999

---

N	Prcnt	Code	Value and Description
1	0.3	3	3 Seats
1	0.3	5	5 Seats
1	0.3	7	7 Seats
1	0.3	8	8 Seats
2	0.6	10	10 Seats
1	0.3	12	12 Seats
1	0.3	13	13 Seats

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
 SURVEY VARIABLES

Variable 1011:PASS SEATING CAPACITY (Continued)

N	Prcnt	Code	Value and Description
1	0.3	14	14 Seats
6	1.8	15	15 Seats
4	1.2	16	16 Seats
5	1.5	18	18 Seats
1	0.3	19	19 Seats
2	0.6	21	21 Seats
3	0.9	22	22 Seats
2	0.6	25	25 Seats
1	0.3	26	26 Seats
3	0.9	30	30 Seats
1	0.3	34	34 Seats
3	0.9	35	35 Seats
2	0.6	36	36 Seats
6	1.8	37	37 Seats
4	1.2	39	39 Seats
9	2.7	40	40 Seats
1	0.3	41	41 Seats
6	1.8	42	42 Seats
18	5.4	43	43 Seats
8	2.4	44	44 Seats
8	2.4	45	45 Seats
10	3.0	46	46 Seats
23	6.9	47	47 Seats
7	2.1	48	48 Seats
6	1.8	49	49 Seats
4	1.2	50	50 Seats
2	0.6	51	51 Seats
1	0.3	52	52 Seats
2	0.6	53	53 Seats
5	1.5	54	54 Seats
2	0.6	55	55 Seats
3	0.9	56	56 Seats
3	0.9	57	57 Seats
1	0.3	59	59 Seats
16	4.8	60	60 Seats
2	0.6	64	64 Seats
19	5.7	65	65 Seats
13	3.9	66	66 Seats
1	0.3	70	70 Seats
16	4.8	71	71 Seats
9	2.7	72	72 Seats
6	1.8	77	77 Seats
7	2.1	78	78 Seats
1	0.3	79	79 Seats
1	0.3	83	83 Seats
4	1.2	84	84 Seats
1	0.3	85	85 Seats
1	0.3	86	86 Seats
1	0.3	87	87 Seats
1	0.3	89	89 Seats
4	1.2	90	90 Seats
59	17.7	999	Unknown

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
SURVEY VARIABLES

Variable 1012	NUMBER OF PASSENGERS	Width: 3	Type: Numeric
		Dec: None	Miss: 999

N	Prcnt	Code	Value and Description
69	20.7	0	0 Passengers
18	5.4	1	1 Passenger
11	3.3	2	2 Passengers
11	3.3	3	3 Passengers
9	2.7	4	4 Passengers
9	2.7	5	5 Passengers
12	3.6	6	6 Passengers
5	1.5	7	7 Passengers
7	2.1	8	8 Passengers
3	0.9	9	9 Passengers
3	0.9	10	10 Passengers
6	1.8	11	11 Passengers
12	3.6	12	12 Passengers
2	0.6	13	13 Passengers
3	0.9	14	14 Passengers
6	1.8	15	15 Passengers
3	0.9	16	16 Passengers
4	1.2	17	17 Passengers
3	0.9	18	18 Passengers
1	0.3	19	19 Passengers
6	1.8	20	20 Passengers
2	0.6	21	21 Passengers
4	1.2	22	22 Passengers
1	0.3	23	23 Passengers
1	0.3	24	24 Passengers
5	1.5	25	25 Passengers
2	0.6	27	27 Passengers
4	1.2	28	28 Passengers
1	0.3	29	29 Passengers
2	0.6	30	30 Passengers
1	0.3	31	31 Passengers
1	0.3	32	32 Passengers
3	0.9	33	33 Passengers
3	0.9	34	34 Passengers
5	1.5	35	35 Passengers
1	0.3	36	36 Passengers
2	0.6	37	37 Passengers
1	0.3	38	38 Passengers
1	0.3	39	39 Passengers
4	1.2	40	40 Passengers
1	0.3	41	41 Passengers
1	0.3	43	43 Passengers
2	0.6	44	44 Passengers
5	1.5	45	45 Passengers
1	0.3	46	46 Passengers
1	0.3	47	47 Passengers
1	0.3	49	49 Passengers
2	0.6	50	50 Passengers
1	0.3	52	52 Passengers
1	0.3	54	54 Passengers
1	0.3	59	59 Passengers

Variable 1012:NUMBER OF PASSENGERS (Continued)

N	Prcnt	Code	Value and Description
2	0.6	60	60 Passengers
1	0.3	63	63 Passengers
1	0.3	65	65 Passengers
1	0.3	73	73 Passengers
1	0.3	145	145 Passengers
63	18.9	999	Unknown

---

Variable 1013 GROSS VEH WEIGHT RATING      Width: 1      Type: Numeric  
 Dec: None      Miss: 9

N	Prcnt	Code	Value and Description
8	2.4	2	6,001 - 10,000 lbs.
6	1.8	3	10,001 - 14,000 lbs.
2	0.6	4	14,001 - 16,000 lbs.
1	0.3	5	16,001 - 19,500 lbs.
19	5.7	6	19,501 - 26,000 lbs.
75	22.5	7	26,001 - 33,000 lbs.
70	21.0	8	33,001 lbs. or more
152	45.6	9	Unknown

---

Variable 1014 EMPTY WEIGHT      Width: 6      Type: Numeric  
 Dec: None      Miss: 999999

N	Prcnt	Code	Value and Description
1	0.3	4200	- Weight in pounds
2	0.6	37000	
45	13.5	999999	Unknown

---

Variable 1015 LENGTH      Width: 3      Type: Numeric  
 Dec: None      Miss: 999

N	Prcnt	Code	Value and Description
1	0.3	16	16 feet
1	0.3	17	17 feet
3	0.9	18	18 feet
3	0.9	19	19 feet
5	1.5	20	20 feet
1	0.3	21	21 feet
7	2.1	22	22 feet
1	0.3	23	23 feet
1	0.3	25	25 feet
1	0.3	26	26 feet

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## Variable 1015:LENGTH (Continued)

N	Prcnt	Code	Value and Description
1	0.3	27	27 feet
3	0.9	28	28 feet
3	0.9	29	29 feet
7	2.1	30	30 feet
1	0.3	31	31 feet
6	1.8	32	32 feet
6	1.8	33	33 feet
12	3.6	34	34 feet
34	10.2	35	35 feet
11	3.3	36	36 feet
11	3.3	37	37 feet
24	7.2	38	38 feet
6	1.8	39	39 feet
104	31.2	40	40 feet
11	3.3	41	41 feet
1	0.3	42	42 feet
2	0.6	43	43 feet
2	0.6	44	44 feet
12	3.6	45	45 feet
1	0.3	46	46 feet
4	1.2	60	60 feet
47	14.1	999	Unknown

---

Variable 1016	WIDTH	Width: 3	Type: Numeric
		Dec: None	Miss: 999

---

N	Prcnt	Code	Value and Description
1	0.3	78	
		-	Width in inches
2	0.6	114	
16	4.8	997	Unknown, but legal
0	0.0	998	Unknown, but overwidth
48	14.4	999	Unknown

---

Variable 1017	PASSENGER RESTRAINT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
35	10.5	1	Yes
234	70.3	2	No
64	19.2	9	Unknown



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---

Variable 1018	TYPE OF RESTRAINT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
30	9.0	1	Lap
0	0.0	2	Shoulder
5	1.5	3	Lap & Shoulder
233	70.0	4	None
0	0.0	8	Other
65	19.5	9	Unknown

---

Variable 1019	DESCRIPTION OF OPER AUTH	Width: 50	Type: Alphabetic
		Dec: None	Miss: None

---

OPERATING AUTHORITY

N	Prcnt	Code	Value and Description
1	0.3		Airport Shuttle Service
32	9.6		Charter service
4	1.2		Church Use
1	0.3		Coach Leasing to Entertainment Industry
2	0.6		Community Action Agency
46	13.8		Contracted Carrier for School District
1	0.3		County Board of Mental Retardation
2	0.6		Employee Transportation
1	0.3		Hospital Patient Transportation
11	3.3		Interstate Passenger & Express Freight
3	0.9		Interstate Passenger Service
1	0.3		Mental Health Center Patient Transportation
1	0.3		Non-Profit Organization
1	0.3		Paid Carrier for Student Transport
1	0.3		Paid Carrier for Worker Transport
2	0.6		Private School
95	28.5		Public School District
1	0.3		Rental Vehicle
2	0.6		Reservation School
1	0.3		Residential Center
4	1.2		Schedule route & Paratransit Urban Area
1	0.3		Scheduled route Intercity & Charter Service
0	0.0		Scheduled route Municipal Transit System
53	15.9		Scheduled route Regional Urban Area
42	12.6		Scheduled route Urban Area
1	0.3		Scheduled route Urban Area & Charter
4	1.2		Scheduled route Urban Area & Intercity
1	0.3		Scheduled route Urban Mall Shuttle
1	0.3		Special needs Group Homes
1	0.3		Special School Student Transportation
1	0.3		Student Transportation by Church
15	4.5		Unknown

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---

<b>Variable 1020</b>	<b>FLEET SIZE</b>	<b>Width: 6</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 999999</b>

---

N	Prcnt	Code	Value and Description
7	2.1	1	
		-	Fleet Size
4	1.2	5600	
61	18.3	999999	Unknown

---

<b>Variable 1021</b>	<b>NUMBER OWNED</b>	<b>Width: 6</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 999999</b>

---

N	Prcnt	Code	Value and Description
14	4.2	0	
		-	Number Owned
4	1.2	5600	
107	32.1	999999	Unknown

---

<b>Variable 1022</b>	<b>NUMBER LEASED</b>	<b>Width: 6</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 999999</b>

---

N	Prcnt	Code	Value and Description
198	59.5	0	
		-	Number Leased
9	2.7	2500	
107	32.1	999999	Unknown

---

<b>Variable 1023</b>	<b>BUS OPERATOR TYPE</b>	<b>Width: 2</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 99</b>

---

N	Prcnt	Code	Value and Description
146	43.8	1	School District
104	31.2	2	Urban Transit Authority
13	3.9	3	Scheduled Intercity
35	10.5	4	Charter Bus
5	1.5	5	Private Company (not pass transport)
7	2.1	6	Non-government Organization
2	0.6	7	Non-educational Unit of Government
1	0.3	8	Private individual for Personal Transportation
7	2.1	98	Other
13	3.9	99	Unknown



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## Variable 1028: DIRECTION OF ROLL (Continued)

N	Prcnt	Code	Value and Description
306	91.9	3	Not applicable
0	0.0	8	Other
11	3.3	9	Unknown

---

Variable 1029	NUMBER OF QUARTER TURNS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

N	Prcnt	Code	Value and Description
12	3.6	1	1 quarter turn
1	0.3	2	2 quarter turns
1	0.3	4	4 quarter turns
1	0.3	5	5 quarter turns
1	0.3	16	16 quarter turns
306	91.9	98	Not applicable
11	3.3	99	Unknown

---

Variable 1030	HOURS DRIVING	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

N	Prcnt	Code	Value and Description
59	17.7	1	1 hour
33	9.9	2	2 hours
28	8.4	3	3 hours
18	5.4	4	4 hours
25	7.5	5	5 hours
20	6.0	6	6 hours
6	1.8	7	7 hours
10	3.0	8	8 hours
9	2.7	9	9 hours
1	0.3	10	10 hours
4	1.2	96	Unknown but legal
0	0.0	98	Not applicable
120	36.0	99	Unknown

---

Variable 1031	SPLIT SLEEP	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
0	0.0	1	Yes
222	66.7	2	No
111	33.3	9	Unknown





BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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---

Variable 1041 ACCIDENT TYPE Width: 2 Type: Numeric  
Dec: None Miss: 99

---

N	Prcnt	Code	Value and Description
3	0.9	1	Drive off road, right - Diagram number (see appendix)
0	0.0	97	Untripped rollover
25	7.5	98	Other accident type
9	2.7	99	Unknown

---

Variable 1042 LATITUDE-DEGREE Width: 2 Type: Numeric  
Dec: None Miss: 99

---

N	Prcnt	Code	Value and Description
1	0.3	30	- actual degrees
1	0.3	33	
329	98.8	99	Unknown/Not Coded

---

Variable 1043 LATITUDE-MINUTE Width: 2 Type: Numeric  
Dec: None Miss: 99

---

N	Prcnt	Code	Value and Description
1	0.3	27	- actual minutes
1	0.3	51	
329	98.8	99	Unknown/Not Coded

---

Variable 1044 LATITUDE-SECOND Width: 3 Type: Numeric  
Dec: None Miss: 999

---

N	Prcnt	Code	Value and Description
1	0.3	7	- actual seconds
1	0.3	549	
329	98.8	999	Unknown/Not Coded

---

Variable 1045 LONGITUDE-DEGREE Width: 3 Type: Numeric  
Dec: None Miss: 999

---

N	Prcnt	Code	Value and Description
1	0.3	86	- actual degrees

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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## Variable 1045:LONGITUDE-DEGREE (Continued)

N	Prcnt	Code	Value and Description
1	0.3	112	
329	98.8	999	Unknown/Not Coded

---

Variable 1046	LONGITUDE-MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

N	Prcnt	Code	Value and Description
1	0.3	1	
			- actual minutes
1	0.3	51	
329	98.8	99	Unknown/Not Coded

---

Variable 1047	LONGITUDE-SECOND	Width: 3	Type: Numeric
		Dec: None	Miss: 999

---

N	Prcnt	Code	Value and Description
1	0.3	35	
			- actual seconds
1	0.3	260	
329	98.8	999	Unknown/Not Coded

---

Variable 1048	INTERVIEW CONDUCTED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
228	68.5	1	Yes
105	31.5	2	No
0	0.0	9	Unknown

---

Variable 1049	POLICE REPORT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

N	Prcnt	Code	Value and Description
327	98.2	1	Yes
6	1.8	2	No
0	0.0	9	Unknown



---

Variable 1050	FAX/MAIL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Information received by fax or mail

N	Prcnt	Code	Value and Description
68	20.4	1	Yes
265	79.6	2	No
0	0.0	9	Unknown

Variables 1051 through 1060 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 1051	1ST QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

N	Prcnt	Code	Value and Description
154	46.2	0	None
3	0.9	6	Question 6
4	1.2	7	Question 7
40	12.0	8	Question 8
2	0.6	11	Question 11
2	0.6	13	Question 13
113	33.9	16	Question 16
1	0.3	17	Question 17
14	4.2	22	Question 22

---

Variable 1052	2ND QUESTION DERIVED	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

N	Prcnt	Code	Value and Description
282	84.7	0	None
1	0.3	1	Question 1
3	0.9	7	Question 7
3	0.9	8	Question 8
1	0.3	11	Question 11
3	0.9	13	Question 13
19	5.7	16	Question 16
13	3.9	17	Question 17
4	1.2	18	Question 18
2	0.6	22	Question 22
1	0.3	23	Question 23
1	0.3	26	Question 26

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---

<b>Variable 1053</b>	<b>3RD QUESTION DERIVED</b>	<b>Width: 2</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 0</b>

---

N	Prcnt	Code	Value and Description
299	89.8	0	None
3	0.9	11	Question 11
1	0.3	13	Question 13
7	2.1	16	Question 16
8	2.4	17	Question 17
12	3.6	18	Question 18
2	0.6	22	Question 22
1	0.3	24	Question 24

---

<b>Variable 1054</b>	<b>4TH QUESTION DERIVED</b>	<b>Width: 2</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 0</b>

---

N	Prcnt	Code	Value and Description
317	95.2	0	None
1	0.3	13	Question 13
1	0.3	16	Question 16
5	1.5	17	Question 17
7	2.1	18	Question 18
1	0.3	24	Question 24
1	0.3	26	Question 26

---

<b>Variable 1055</b>	<b>5TH QUESTION DERIVED</b>	<b>Width: 2</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 0</b>

---

N	Prcnt	Code	Value and Description
325	97.6	0	None
1	0.3	16	Question 16
4	1.2	18	Question 18
2	0.6	19	Question 19
1	0.3	22	Question 22

---

<b>Variable 1056</b>	<b>6TH QUESTION DERIVED</b>	<b>Width: 2</b>	<b>Type: Numeric</b>
		<b>Dec: None</b>	<b>Miss: 0</b>

---

N	Prcnt	Code	Value and Description
330	99.1	0	None
1	0.3	17	Question 17
2	0.6	20	Question 20

---

Variable 1057    7TH QUESTION DERIVED                      Width: 2            Type: Numeric  
 Dec:    None                      Miss: 0

---

N	Prcnt	Code	Value and Description
330	99.1	0	None
1	0.3	18	Question 18
2	0.6	22	Question 22

---

Variable 1058    8TH QUESTION DERIVED                      Width: 2            Type: Numeric  
 Dec:    None                      Miss: 0

---

N	Prcnt	Code	Value and Description
330	99.1	0	None
1	0.3	19	Question 19
1	0.3	24	Question 24
1	0.3	25	Question 25

---

Variable 1059    9TH QUESTION DERIVED                      Width: 2            Type: Numeric  
 Dec:    None                      Miss: 0

---

N	Prcnt	Code	Value and Description
331	99.4	0	None
1	0.3	20	Question 20
1	0.3	25	Question 25

---

Variable 1060    10TH QUESTION DERIVED                      Width: 2            Type: Numeric  
 Dec:    None                      Miss: 0

---

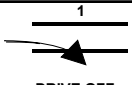
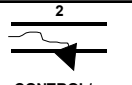
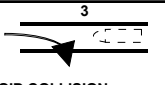

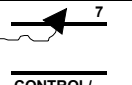

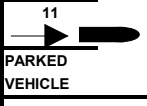
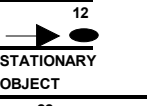
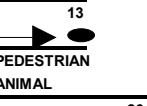
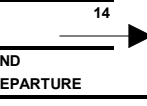
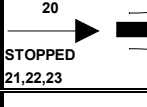
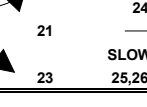
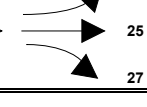
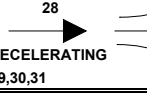
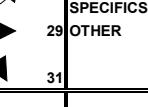
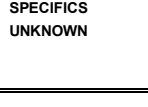

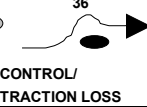
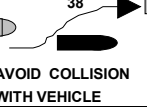
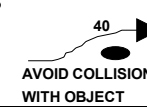
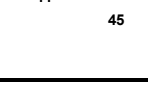
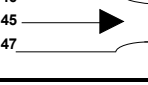
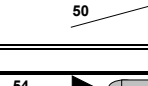
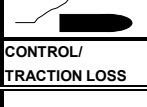

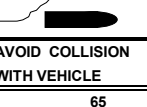
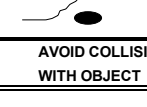

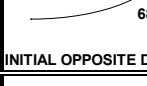
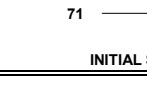
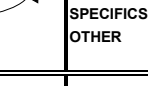
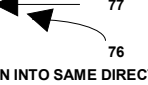
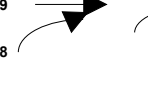
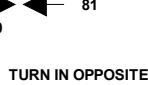
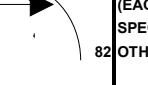
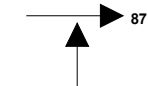

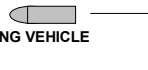
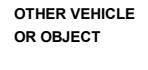
N	Prcnt	Code	Value and Description
332	99.7	0	None
1	0.3	26	Question 26

BUSES INVOLVED IN FATAL ACCIDENTS, 1999  
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  21 22 23  SLOWER 25,26,27  26 27  DECELERATING 29,30,31  30 29 31	(EACH - 32) SPECIFICS OTHER	(EACH - 33) SPECIFICS UNKNOWN
	E. FORWARD IMPACT	 CONTROL/ TRACTION LOSS  CONTROL/ TRACTION LOSS  AVOID COLLISION WITH VEHICLE  AVOID COLLISION WITH OBJECT	(EACH - 42) SPECIFICS OTHER	(EACH - 43) SPECIFICS UNKNOWN
	F. SIDESWIPE ANGLE	 44 45  46 45 47	(EACH - 48) SPECIFICS OTHER	(EACH - 49) SPECIFICS UNKNOWN
III SAME TRAFFICWAY OPPOSITE DIRECTION	G. HEAD-ON	 50 51 LATERAL MOVE	(EACH - 52) SPECIFICS OTHER	(EACH - 53) SPECIFICS UNKNOWN
	H. FORWARD IMPACT	 CONTROL/ TRACTION LOSS  CONTROL/ TRACTION LOSS  AVOID COLLISION WITH VEHICLE  AVOID COLLISION WITH OBJECT	(EACH - 62) SPECIFICS OTHER	(EACH - 63) SPECIFICS UNKNOWN
	I. SIDESWIPE/ ANGLE	 64 65 LATERAL MOVE	(EACH - 66) SPECIFICS OTHER	(EACH - 67) SPECIFICS UNKNOWN
IV CHANGE TRAFFICWAY VEHICLE TURNING	J. TURN ACROSS PATH	 68 69 INITIAL OPPOSITE DIRECTIONS  70 71 INITIAL SAME DIRECTION  72 73 74	(EACH - 74) SPECIFICS OTHER	(EACH - 75) SPECIFICS UNKNOWN
	K. TURN INTO PATH	 76 77 TURN INTO SAME DIRECTION  78 79 TURN IN OPPOSITE DIRECTIONS  80 81 TURN IN OPPOSITE DIRECTIONS  82 83	(EACH - 84) SPECIFICS OTHER	(EACH - 85) SPECIFICS UNKNOWN
V INTERSECTING PATH-VEHICLE DAMAGE	L. STRAIGHT PATHS	 86 87  88 89	(EACH - 90) SPECIFICS OTHER	(EACH - 91) SPECIFICS UNKNOWN
VI MISC.	M. BACKING ETC.	 92 BACKING VEHICLE  93 OTHER VEHICLE OR OBJECT	97 UNTRIPPED ROLLOVER 98 OTHER ACC TYPE 99 UNKNOWN ACC TYPE 00 NO IMPACT	





# CENTER FOR NATIONAL TRUCK STATISTICS

## BUSES INVOLVED IN FATAL ACCIDENTS SURVEY

Accident Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
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
 

[ ]	001
[ ]	007
[ ]	012
[ ]	020
[ ]	023
[ ]	025
[ ]	051
[ ]	084
[ ]	090
[ ]	091
[ ]	092
[ ]	093
[ ]	094
[ ]	111
[ ]	112
[ ]	113
[ ]	114
[ ]	115
[ ]	998

  
 Other \_\_\_\_\_  
*(Specify)*

5. Bus Model Year: 

_	_	_	_
12	13	14	15
6. Front of Bus
 

Conventional hood	[ ] 1
Flat Front	[ ] 2
Other _____	[ ] 8

  
*(Specify)*
7. Engine Location
 

Rear	[ ] 1
Front	[ ] 2
Other _____	[ ] 8

  
*(Specify)*
8. Fuel
 

Gas	[ ] 1
Diesel	[ ] 2
Other _____	[ ] 8

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

Bus Model	<table style="width: 100%; border: none;"> <tr> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> <td style="width: 20px; text-align: center;">_</td> </tr> <tr> <td style="text-align: center;">19</td> <td style="text-align: center;">20</td> <td style="text-align: center;">21</td> <td style="text-align: center;">22</td> <td style="text-align: center;">23</td> <td style="text-align: center;">24</td> <td style="text-align: center;">25</td> <td style="text-align: center;">26</td> <td style="text-align: center;">27</td> <td style="text-align: center;">28</td> </tr> </table>	_	_	_	_	_	_	_	_	_	_	19	20	21	22	23	24	25	26	27	28	(editor)
_	_	_	_	_	_	_	_	_	_													
19	20	21	22	23	24	25	26	27	28													



VEHICLE USE

21. Describe Bus Operating authority:

-----

103-152

(editor)

22. Fleet Size:  
(buses only)

153	154	155	156	157
-----	-----	-----	-----	-----

No. Owned

158	159	160	161	162
-----	-----	-----	-----	-----

No. Leased

163	164	165	166	167
-----	-----	-----	-----	-----

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
168-169	

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

[ ]	1
[ ]	2
[ ]	3
171	

24. Does the Operator cross state lines while using its buses?

- Yes
- No

[ ]	1
[ ]	2
170	

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
172	

ACCIDENT DESCRIPTION

27. Did the bus roll over?

- Yes
- No

[ ]	1
[ ]	2
173	

28. Direction of roll:

- Left
- Right
- Other

[ ]	1
[ ]	2
[ ]	8
174	

29. Number of quarter turns of roll:

_____	_____
175	176

DRIVER DESCRIPTION

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

177	178

31. Split-sleep schedule prior to this trip?  
*(primary sleep less than 4 hours)*

Yes  
No

1	2
179	

32. Inverted sleep schedule prior to this trip?  
*(start of last sleep at least 4 hours  
different from previous)*

Yes  
No

1	2
180	

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

- Hourly
- Mileage
- Tips
- Percentage of revenue
- Salary
- Driver is owner
- Other \_\_\_\_\_

*(Specify)*

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

181  
182  
183  
184  
185  
186  
187

34. Describe compensation method:

-----

-----

188-237 (editor)

REMAINDER TO BE COMPLETED BY EDITOR.

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

238 239

[Large empty box for collision avoidance scenario illustration]

36. Latitude of accident

0 ' " 240 241 242 243 244 245 246

37. Longitude of accident

0 ' " 247 248 249 250 251 252 253 254

38. Interview?

Yes No

[ ] 1 [ ] 2 255

39. Police report?

Yes No

[ ] 1 [ ] 2 256

40. FAX/Mail?

Yes No

[ ] 1 [ ] 2 257

DERIVED INFORMATION (Insert question numbers.)

258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277

41. PAR Number

278 279 280 281 282 283 284 285 286 287 288 289

42. ICC Number

290 291 292 293 294 295

43. DOT Number

296 297 298 299 300 301

44. State PSC Number

302 303 304 305 306 307 308 309 310 311

45. State issuing

312 313