**Center for
National Truck Statistics**

TRUCKS INVOLVED IN FATAL ACCIDENTS
CODEBOOK 1993

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July 1995

UMTRI

The University of Michigan
Transportation Research Institute

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(Version June 30, 1995)

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16. Abstract

This report provides one-way frequencies for all the vehicles in UMTRI's file of Trucks Involved in Fatal Accidents, 1993. The TIFA database provides coverage of all medium and heavy trucks recorded in the Fatal Accident Reporting System (FARS) file . TIFA combines vehicle, accident, and occupant records from FARS with information about the physical configuration and operating authority of the truck from the TIFA survey.

For the first time since 1986 no sampling was done on the FARS cases. The 1993 TIFA file is a census of all medium and heavy truck fatal accidents in the United States, including Alaska and Hawaii.

Tractors accounted for 66.7% of the power units. Tractors with twin trailers made up only 3.9% of the involvements. Only 21.2% of the accidents occurred on Interstate highways. Accidents at night and twilight comprised 33.2% of the total number of cases. In 1993, there were 4,451 medium and heavy trucks involved in fatal accidents in the United States, up 7.9% from 4,125 in 1992.

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INTRODUCTION

Overview

This report documents the June 30, 1995, version of the Trucks Involved in Fatal Accidents, 1993, dataset. The report summarizes all the information in the computerized data file. That file contains records for all the medium and heavy trucks that were involved in a fatal accident in the United States (including, for the first time, Alaska and Hawaii) during calendar year 1993. Trucks with a gross vehicle weight rating of 10,000 pounds or less, primarily pickups, are excluded as nonsample. All the vehicles described are from Version 235 (July, 1994) of the Fatal Accident Reporting System (FARS) file for 1993 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

This is the first time since data year 1986 that no sampling of cases was done. The 1993 TIFA file is a census file, which means there is one record for each of the 4,451 medium and heavy trucks involved in a fatal accident in 1993. The codebook presents frequencies for the FARS variables and the TIFA survey variables for the actual number of cases in the file.

The 1993 FARS file did not change substantially from the previous year. The 1993 TIFA survey used the revised form created for the 1991 data year. The revisions included adding alpha variables to record the actual cargo, truck model, truck configuration, and cargo body style; adding new levels to the variables for cargo type and cargo body style; and adding variables to record lift axles on each unit in the combination. In addition, several variables taken from the MCS 50-T were dropped. Because of the changes in the TIFA survey form, the 1993 file offers even more detail on the physical configuration of the trucks involved in fatal accidents than earlier years (1980-1990). As a consequence, however, the variable numbers and code values in the 1993 TIFA file are not fully consistent with the files for 1980 through 1990. Accordingly, TIFA codebooks for 1980-1990 should not be used as a key to the 1993 TIFA dataset.

Mississippi did not send any police reports. There were 90 FARS cases for Mississippi. The Mississippi cases are included in the file, but with all the interview variables left unknown. There was also one missing police report from Indiana. For this case, as well as the Mississippi cases, Interview (Variable 1063) has been coded "no" (2), Police Report (Variable 1064) has been coded "no" (2) and MCS 50-T (Variable 1065) has been coded "no" (2). In addition, the State of Iowa did not send police reports. However, they did send a list of the names and addresses of the owners and drivers of involved trucks. This information was used to contact those owners and drivers for interviews.

The dataset includes virtually all the variables from the public version of the FARS file: the accident variables, the vehicle variables (for the truck), and the occupant variables (for the driver of the truck). A few cases had no occupant record because the vehicle was not occupied at the time of the accident. These cases have been padded with the appropriate missing data codes. All variables are at the vehicle level; i.e., there is one record for each truck involved.

In addition to the variables from FARS (Variables 1 through 342), there is a set of variables (numbers 1001 through 1075) that contains the information from the TIFA 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 or from the MCS 50-T report submitted by interstate carriers of goods to the Office of Motor Carriers (OMC) in the Federal Highway Administration. Such carriers were required to report to OMC all accidents resulting in a fatality, in an injury that was treated away from the scene, or in property damage of $4,400 or more. (This reporting requirement was discontinued as of March 1993, so only 294 MCS 50-T forms were matched with 1993 FARS cases). The MCS 50-T form includes some information on the vehicle and its cargo that can be used to complete the survey form.

While the FARS file includes much information on the accident environment and events, the information on the vehicles involved, particularly trucks, is limited. Details about the physical configuration of the trucks involved are supplied by the TIFA survey form. The survey form is reproduced in the Appendix following the codebook. The TIFA survey produces a detailed physical description of the truck. These data include the cab style of the power unit; the weights, lengths, and axle counts of all units; trailer type, cargo body style, cargo type, and cargo weight; and the company type and operating authority of the operator of the vehicle. The combination of the FARS accident level variables with the physical detail of the TIFA survey produces the most detailed account of fatal truck 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 the fatal accidents involving at least one truck. While the format of these reports varies considerably from state to state, they all include the identities of the owner and the driver of the vehicles involved, and a description, sometimes very brief, of what occurred. These police reports were subsequently used in matching the 294 OMC forms to FARS cases, in identifying the appropriate respondent to contact, and in checking responses for accuracy. As mentioned earlier, Mississippi and Iowa did not provide police accident reports for 1993.

The obvious (by Vehicle Identification Number) nonsample vehicles were deleted from the file. In 1993, 182 nonsample vehicles were identified by VIN. Another 68 were subsequently identified during the interview process. The total number of nonsample vehicles is 250.

Information was collected primarily by telephone interview. 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, then 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 1063, which documents whether or not an interview was conducted, would be coded "no," and Variable 1064, police report, would be coded "yes."

Missing data rates for TIFA survey variables are low. The range of missing data values is illustrated by the following examples. Power unit type (Variable 1007) could not be determined for only 87 (2.0%) of the 4,451 cases. Vehicle configuration (Variable 1048) is unknown for 87 (2.0%) cases. Gross vehicle weight rating (Variable 1050) could not be determined for 243 (5.5%) cases, and gross vehicle weight (Variable 1052) is unknown for 485 (10.9%) cases.

Each completed interview is carefully checked by an editor. All modifications to the survey responses received, either from an interview or an MCS 50-T form, are indicated in Variables 1066 through 1075. Also indicated there are imputations 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). Thus a "20" in Variable 1068 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 a tractor 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 any added equipment.

Number of Cases

Version 235 of the 1993 FARS file has 4,701 vehicles (excluding fire trucks) involved in fatal accidents in the United States, with a Body Type code of 60 through 64, 66 through 72, 78 or 79 and 99 or with a VIN Truck Weight code of 3 through 8. However, some of the selected vehicles were subsequently found to be light rather than medium or heavy trucks. In particular, a number of vehicles coded by FARS as straight trucks with a GVWR greater than 10,001 and less than 19,500 pounds turned out to be pickups with a GVWR under 10,000. Also designated nonsample were those vehicles that did not conform to the prerequisites for inclusion in FARS. These were vehicles parked off the roadway (e.g., on the shoulder) or legally parked at the side of the road. Altogether 250 cases were determined to be nonsample. Subtracting those 250 from the FARS file total of 4,701 cases leaves 4,451, which is the number of trucks involved in fatal accidents in 1993.

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, different types of trucks are used differently. In comparing the accident experience of straight trucks with that of tractor-semitrailers, for example, one might wish to examine the distributions of trip type and carrier type. While this dataset is not accessible by public users of the Michigan Terminal System, 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 welcomed and may be addressed to Ken Campbell or Dan Blower at (313) 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 as yet undetected.

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
FARS ACCIDENT VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	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	2	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	FEDERAL-AID SYSTEM	1	Numeric		19
18	ROADWAY FUNCTION CLASS	2	Numeric		20
19	ROUTE SIGNING	1	Numeric		20
20	TRAFFICWAY IDENTIFIER	10	Alpha		21
21	MILEPOINT	5	Numeric		21
22	SPECIAL JURISDICTION	1	Numeric		21
23	FIRST HARMFUL EVENT	2	Numeric		21
24	MANNER OF COLLISION	1	Numeric		24
25	RELATION TO JUNCTION	2	Numeric		24
26	RELATION TO ROADWAY	1	Numeric		24
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	ROADWY 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		30
43	EMS ARRIVAL - MINUTE	2	Numeric		31
46	SCHOOL BUS RELATED	1	Numeric		31
48	RAIL GRADE CROSSING ID	7	Alpha		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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
FARS ACCIDENT VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
58	NUM UNK INJURED IN ACC	2	Numeric		34
59	ACC. RELATED FACTORS #1	2	Numeric		34
60	ACC. RELATED FACTORS #2	2	Numeric		35
61	ACC. RELATED FACTORS #3	2	Numeric		36

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
104	VEHICLE NUMBER	2	Numeric		37
107	NUMBER OF OCCUPANTS	2	Numeric		37
108	VEHICLE MAKE	2	Numeric		38
109	VEHICLE MAKE-MODEL	5	Numeric		38
110	BODY TYPE	2	Numeric		41
111	MODEL YEAR	2	Numeric		42
112	VIN	10	Alpha		43
123	REGISTRATION STATE	2	Numeric		43
124	REGISTERED VEHICLE OWNER	1	Numeric		44
125	ROLLOVER	1	Numeric		44
126	JACKKNIFE	1	Numeric		45
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		47
133	SPECIAL USE	1	Numeric		47
134	EMERGENCY USE	1	Numeric		47
135	IMPACT POINT - INITIAL	2	Numeric		48
136	IMPACT POINT - PRINCIPAL	2	Numeric		48
137	EXTENT OF DEFORMATION	1	Numeric		49
138	VEHICLE ROLE	1	Numeric		49
139	MANNER OF LEAVING SCENE	1	Numeric		49
140	FIRE OCCURRENCE	1	Numeric		49
142	VEHICLE MANEUVER	2	Numeric		50
143	CRASH AVOIDANCE MANUEVER	1	Numeric		50
144	MOST HARMFUL EVENT	2	Numeric		50
145	NUMBER OF DEATHS IN VEH	2	Numeric		53
151	VIN TRUCK FUEL CODE	1	Numeric		53
152	VIN TRUCK WEIGHT CODE	1	Numeric		53
153	VIN TRUCK SERIES	3	Alpha		53
155	LENGTH OF VIN	2	Numeric		54
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		55
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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
FARS DRIVER VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	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		61
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
215	VIOLATIONS CHARGED	1	Numeric		62
216	NUMBER OF PREV ACCIDENTS	2	Numeric		62
217	NUMBER PREV SUSPENSIONS	2	Numeric		63
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		64
221	LAST ACCIDENT - MONTH	2	Numeric		64
222	LAST ACCIDENT - YEAR	2	Numeric		65
223	FIRST ACCIDENT - MONTH	2	Numeric		65
224	FIRST ACCIDENT - YEAR	2	Numeric		65
227	DRIVER RELATED FACTORS#1	2	Numeric		66
228	DRIVER RELATED FACTORS#2	2	Numeric		68
229	DRIVER RELATED FACTORS#3	2	Numeric		71

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
FARS OCCUPANT VARIABLES

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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1001	POWER UNIT MAKE	2	Numeric		87
1002	POWER UNIT YEAR	2	Numeric		87
1003	CAB STYLE	1	Numeric		88
1004	SLEEPER	1	Numeric		89
1005	FUEL TYPE	1	Numeric		89
1006	TRUCK MODEL	10	Alpha		89
1007	POWER UNIT TYPE	1	Numeric		89
1008	STRT. TRUCK BODY STYLE	2	Numeric		90
1009	POWER UNIT OTHER	10	Alpha		90
1010	POWER UNIT NO. OF AXLES	1	Numeric		90
1011	POWER UNIT LIFT AXLES	1	Numeric		91
1012	POWER UNIT LENGTH	3	Numeric		91
1013	POWER UNIT CARGO WEIGHT	6	Numeric		92
1014	POWER UNIT EMPTY WEIGHT	6	Numeric		92
1015	POWER UNIT CARGO	2	Numeric		92
1016	POWER UNIT HAZ. CARGO	1	Numeric		93
1017	1ST TRAILER TYPE	1	Numeric		93
1018	1ST TRAILER NO. OF AXLES	2	Numeric		93
1019	1ST TRAILER LIFT AXLES	1	Numeric		93
1020	1ST TRAILER EMPTY WEIGHT	6	Numeric		94
1021	1ST TRAILER CARGO WEIGHT	6	Numeric		94
1022	1ST TRAILER LENGTH	3	Numeric		94
1023	1ST TRAILER BODY	2	Numeric		96
1024	1ST TRAILER OTHER BODY	10	Alpha		96
1025	1ST TRAILER CARGO	2	Numeric		96
1026	1ST TRAILER HAZ. CARGO	1	Numeric		97
1027	2ND TRAILER TYPE	1	Numeric		97
1028	2ND TRAILER NO. OF AXLES	2	Numeric		97
1029	2ND TRAILER LIFT AXLES	1	Numeric		98
1030	2ND TRAILER EMPTY WEIGHT	6	Numeric		98
1031	2ND TRAILER CARGO WEIGHT	6	Numeric		98
1032	2ND TRAILER LENGTH	3	Numeric		99
1033	2ND TRAILER BODY	2	Numeric		99
1034	2ND TRAILER OTHER BODY	10	Alpha		100
1035	2ND TRAILER CARGO	2	Numeric		100
1036	2ND TRAILER HAZ. CARGO	1	Numeric		101
1037	3RD TRAILER TYPE	1	Numeric		101
1038	3RD TRAILER NO. OF AXLES	2	Numeric		101
1039	3RD TRAILER LIFT AXLES	1	Numeric		101
1040	3RD TRAILER EMPTY WEIGHT	6	Numeric		102
1041	3RD TRAILER CARGO WEIGHT	6	Numeric		102
1042	3RD TRAILER LENGTH	3	Numeric		102
1043	3RD TRAILER BODY	2	Numeric		102
1044	3RD TRAILER OTHER BODY	10	Alpha		103
1045	3RD TRAILER CARGO	2	Numeric		103
1046	3RD TRAILER HAZ. CARGO	1	Numeric		104
1047	VEHICLE COMPONENTS	10	Alpha		104
1048	VEHICLE COMBINATION CODE	2	Numeric		104
1049	NUMBER OF TRAILERS	1	Numeric		105
1050	TIFA GVWR	1	Numeric		105

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1051	EMPTY COMBINATION WEIGHT	6	Numeric		105
1052	GROSS WEIGHT	6	Numeric		106
1053	TOTAL LENGTH	3	Numeric		106
1054	TOTAL WIDTH	3	Numeric		106
1055	ACTUAL CARGO	20	Alpha		106
1056	CARGO SPILLAGE	1	Numeric		107
1057	AREA OF OPERATION	1	Numeric		107
1058	OPERATING AUTHORITY	1	Numeric		107
1059	CARRIER TYPE	1	Numeric		107
1060	OWNER/OPERATOR	1	Numeric		108
1061	TRIP TYPE	1	Numeric		108
1062	HOURS DRIVING	2	Numeric		108
1063	INTERVIEW	1	Numeric		109
1064	POLICE REPORT	1	Numeric		109
1065	MCS 50-T	1	Numeric		109
1066	1ST QUESTION DERIVED	2	Numeric		110
1067	2ND QUESTION DERIVED	2	Numeric		110
1068	3RD QUESTION DERIVED	2	Numeric		111
1069	4TH QUESTION DERIVED	2	Numeric		111
1070	5TH QUESTION DERIVED	2	Numeric		111
1071	6TH QUESTION DERIVED	2	Numeric		112
1072	7TH QUESTION DERIVED	2	Numeric		112
1073	8TH QUESTION DERIVED	2	Numeric		112
1074	9TH QUESTION DERIVED	2	Numeric		113
1075	10TH QUESTION DERIVED	2	Numeric		113

```
┌─────────────────────────────────────────────────────────────────┐
│                    The ACCIDENT Variables                         │
│                                                                   │
│    Variables 1 through 61 are the FARS variables that describe    │
│    the accident.                                                  │
└─────────────────────────────────────────────────────────────────┘
```

Variable	1	**CASE STATE**	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	CASE STATE
147	3.3	01. Alabama
3	0.1	02. Alaska
69	1.6	04. Arizona
102	2.3	05. Arkansas
360	8.1	06. California
59	1.3	08. Colorado
26	0.6	09. Connecticut
22	0.5	10. Delaware
4	0.1	11. District of Columbia
294	6.6	12. Florida
166	3.7	13. Georgia
4	0.1	15. Hawaii
11	0.2	16. Idaho
152	3.4	17. Illinois
135	3.0	18. Indiana
85	1.9	19. Iowa
68	1.5	20. Kansas
105	2.4	21. Kentucky
82	1.8	22. Louisiana
21	0.5	23. Maine
50	1.1	24. Maryland
37	0.8	25. Massachusetts
111	2.5	26. Michigan
63	1.4	27. Minnesota
90	2.0	28. Mississippi
108	2.4	29. Missouri
12	0.3	30. Montana
56	1.3	31. Nebraska
25	0.6	32. Nevada
7	0.2	33. New Hampshire
76	1.7	34. New Jersey
38	0.9	35. New Mexico
148	3.3	36. New York
209	4.7	37. North Carolina
17	0.4	38. North Dakota
195	4.4	39. Ohio
88	2.0	40. Oklahoma
63	1.4	41. Oregon
197	4.4	42. Pennsylvania

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
                     FARS ACCIDENT VARIABLES

      N Prcnt   Var 1 CASE STATE

      8 0.2   44. Rhode Island
     91 2.0   45. South Carolina
     17 0.4   46. South Dakota
    123 2.8   47. Tennessee
    360 8.1   48. Texas
     28 0.6   49. Utah
     13 0.3   50. Vermont
     95 2.1   51. Virginia
     63 1.4   53. Washington
     42 0.9   54. West Virginia
     91 2.0   55. Wisconsin
     15 0.3   56. Wyoming

Variable 2	CASE NUMBER	MD1:	None	Field Width:	4
		MD2:	None	Type:	Numeric

      N Prcnt   CASE NUMBER ASSIGNED WITHIN STATES

      4 0.1   0001.   ₂
                 -   . Case number
      0 0.0   9999.

Variable 7	CITY	MD1:	9999	Field Width:	4
		MD2:	None	Type:	Numeric

      N Prcnt   CITY - GSA GEOGRAPHIC LOCATION CODE

   3047 68.5   0000. Not applicable
      0 0.0   0001.
                 -   . GSA code
      0 0.0   9996.
     23 0.5   9997. Other
      1 0.0   9999. Unknown

Variable 8	COUNTY	MD1:	999	Field Width:	3
		MD2:	None	Type:	Numeric

      N Prcnt   COUNTY - GSA GEOGRAPHIC LOCATION CODE

      0 0.0   000. Not applicable
     90 2.0   001.
                 -   . GSA code
      0 0.0   996.
      2 0.0   997. Other
      1 0.0   999. Unknown

| Variable | 9 | ACCIDENT DATE - MONTH | MD1: | 99 | Field Width: | 2 |
| | | | MD2: | None | Type: | Numeric |

N	Prcnt	ACCIDENT DATE - MONTH
336	7.5	01. January
308	6.9	02. February
371	8.3	03. March
337	7.6	04. April
321	7.2	05. May
361	8.1	06. June
404	9.1	07. July
448	10.1	08. August
387	8.7	09. September
399	9.0	10. October
392	8.8	11. November
387	8.7	12. December

| Variable | 10 | ACCIDENT DATE - DAY | MD1: | 99 | Field Width: | 2 |
| | | | MD2: | None | Type: | Numeric |

N	Prcnt	ACCIDENT DATE - DAY
152	3.4	01.
		- . Day of month
65	1.5	31.

| Variable | 11 | ACCIDENT DATE - YEAR | MD1: | 99 | Field Width: | 2 |
| | | | MD2: | None | Type: | Numeric |

N	Prcnt	ACCIDENT DATE - YEAR
4451	100.0	93. 1993

| Variable | 12 | ACCIDENT TIME - HOUR | MD1: | 99 | Field Width: | 2 |
| | | | MD2: | None | Type: | Numeric |

N	Prcnt	ACCIDENT TIME - HOUR
102	2.3	00. 12:01 am - 12:59 am
101	2.3	01. 1:00 am - 1:59 am
128	2.9	02. 2:00 am - 2:59 am
108	2.4	03. 3:00 am - 3:59 am
107	2.4	04. 4:00 am - 4:59 am
175	3.9	05. 5:00 am - 5:59 am
226	5.1	06. 6:00 am - 6:59 am
223	5.0	07. 7:00 am - 7:59 am

N Prcnt   Var 12 ACCIDENT TIME - HOUR

N	Prcnt		
224	5.0	08.	8:00 am - 8:59 am
237	5.3	09.	9:00 am - 9:59 am
253	5.7	10.	10:00 am - 10:59 am
283	6.4	11.	11:00 am - 11:59 am
259	5.8	12.	12:00 pm - 12:59 pm
271	6.1	13.	1:00 pm - 1:59 pm
269	6.0	14.	2:00 pm - 2:59 pm
325	7.3	15.	3:00 pm - 3:59 pm
212	4.8	16.	4:00 pm - 4:59 pm
184	4.1	17.	5:00 pm - 5:59 pm
186	4.2	18.	6:00 pm - 6:59 pm
133	3.0	19.	7:00 pm - 7:59 pm
133	3.0	20.	8:00 pm - 8:59 pm
93	2.1	21.	9:00 pm - 9:59 pm
93	2.1	22.	10:00 pm - 10:59 pm
121	2.7	23.	11:00 pm - 11:59 pm
2	0.0	24.	12:00 midnight
3	0.1	99.	Unknown

Variable	13	ACCIDENT TIME - MINUTE	MD1:	99	Field Width: 2
			MD2:	None	Type: Numeric

N Prcnt   ACCIDENT TIME - MINUTE

N	Prcnt		
366	8.2	00.	
		- .	Minute
27	0.6	59.	
3	0.1	99.	Unknown

Variable	14	NUMBER OF VEHICLE FORMS	MD1:	None	Field Width: 2
			MD2:	None	Type: Numeric

N Prcnt   NUMBER OF VEHICLES INVOLVED IN ACCIDENT

N	Prcnt		
731	16.4	01.	1 vehicle
2971	66.7	02.	2 vehicles
505	11.3	03.	3 vehicles
124	2.8	04.	4 vehicles
67	1.5	05.	5 vehicles
14	0.3	06.	6 vehicles
15	0.3	07.	7 vehicles
12	0.3	08.	8 vehicles
2	0.0	09.	9 vehicles
2	0.0	10.	10 vehicles
3	0.1	11.	11 vehicles
1	0.0	12.	12 vehicles
3	0.1	13.	13 vehicles

N Prcnt   Var 14   NUMBER OF VEHICLE FORMS

0   0.0   14. 14 vehicles
1   0.0   15. 15 vehicles

Variable	15	NUMBER OF PERSON FORMS	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

Does not include uninjured bus or railway train occupants

N Prcnt   NUMBER OF PERSONS INVOLVED IN ACCIDENT

303	6.8	01.	1 person
1935	43.5	02.	2 persons
1061	23.8	03.	3 persons
508	11.4	04.	4 persons
294	6.6	05.	5 persons
136	3.1	06.	6 persons
74	1.7	07.	7 persons
37	0.8	08.	8 persons
28	0.6	09.	9 persons
20	0.4	10.	10 persons
11	0.2	11.	11 persons
17	0.4	12.	12 persons
		- .	
1	0.0	29.	29 persons

Variable	16	LAND USE	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

LAND USE - FHWA CLASSIFICATION

N Prcnt   Recode of Roadway Function Class (V 18)

1408	31.6	1. Urban area
2956	66.4	2. Rural area
87	2.0	9. Unknown

Variable	17	FEDERAL-AID SYSTEM	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N Prcnt   TA-1 CLASS - FHWA CLASSIFICATION

872	19.6	1. Interstate
1862	41.8	2. Federal-Aid primary (other than interstate)
362	8.1	3. Federal-Aid urban
404	9.1	4. Federal-Aid secondary (rural only)

N Prcnt   Var 17   FEDERAL-AID SYSTEM

388   8.7   5. Nonfederal-Aid
563   12.6   9. Unknown

Variable   18   **ROADWAY FUNCTION CLASS**   MD1:   99   Field Width: 2
                ─────────────────────────   MD2:   None   Type: Numeric

N Prcnt   ROADWAY FUNCTION CLASS

           Rural
574   12.9   01. Principal arterial - interstate
927   20.8   02. Principal arterial - other
675   15.2   03. Minor arterial
467   10.5   04. Major collector
 84   1.9   05. Minor collector
166   3.7   06. Local road or street
 63   1.4   09. Unknown rural

           Urban
370   8.3   11. Principal arterial - interstate
177   4.0   12. Principal arterial - other freeways or expressways
483   10.9   13. Other principal arterial
188   4.2   14. Minor arterial
 47   1.1   15. Collector
120   2.7   16. Local road or street
 23   0.5   19. Unknown urban

 87   2.0   99. Unknown

Variable   19   **ROUTE SIGNING**   MD1:   9   Field Width: 1
                ─────────────────   MD2:   None   Type: Numeric

N Prcnt   ROUTE SIGNING

 954   21.4   1. Interstate
1242   27.9   2. U.S. highway
1369   30.8   3. State highway
 345   7.8   4. County road

           Local Street
 71   1.6   5. Township
322   7.2   6. Municipality

 64   1.4   8. Other
 84   1.9   9. Unknown

| Variable 20 | **TRAFFICWAY IDENTIFIER** | MD1: | None | Field Width: 10 |
| | | MD2: | None | Type: Alphabetic |

| N Prcnt | TRAFFICWAY IDENTIFIER |
| | 9999999999. Unknown |

| Variable 21 | **MILEPOINT** | MD1: | 99999 | Field Width: 5 |
| | | MD2: | None | Type: Numeric |

N	Prcnt	MILEPOINT
743	16.7	00000. None
29	0.7	00001.
		— . Actual to nearest .1 mile
1	0.0	99990.
419	9.4	99999. Unknown

| Variable 22 | **SPECIAL JURISDICTION** | MD1: | 9 | Field Width: 1 |
| | | MD2: | None | Type: Numeric |

N	Prcnt	SPECIAL JURISDICTION
4434	99.6	0. No special jurisdiction
3	0.1	1. National Park Service
2	0.0	2. Military
7	0.2	3. Indian reservation
0	0.0	4. College/University campus
2	0.0	5. Other Federal properties
1	0.0	8. Other
2	0.0	9. Unknown

| Variable 23 | **FIRST HARMFUL EVENT** | MD1: | 99 | Field Width: 2 |
| | | MD2: | None | Type: Numeric |

N	Prcnt	1ST EVENT CAUSING INJURY/PROP. DAMAGE
171	3.8	01. Overturn
3	0.1	02. Fire/explosion
0	0.0	03. Immersion
0	0.0	04. Gas inhalation
16	0.4	05. Fell from vehicle
1	0.0	06. Injured in vehicle
12	0.3	07. Other noncollision
274	6.2	08. Pedestrian
61	1.4	09. Pedalcycle

N	Prcnt	Var 23 FIRST HARMFUL EVENT
32	0.7	10. Railway train
5	0.1	11. Animal
3414	76.7	12. Motor vehicle in transport
138	3.1	13. Motor vehicle in transport in other roadway
41	0.9	14. Parked motor vehicle
5	0.1	15. Other type nonmotorist
2	0.0	16. Thrown or falling object
1	0.0	17. Boulder
11	0.2	18. Other object (not fixed)
2	0.0	19. Building
3	0.1	20. Impact attenuator/crash cushion
6	0.1	21. Bridge pier or abutment
1	0.0	22. Bridge parapet end
9	0.2	23. Bridge rail
76	1.7	24. Guardrail
22	0.5	25. Concrete traffic barrier
1	0.0	26. Other longitudinal barrier type
5	0.1	27. Highway/traffic sign post
0	0.0	28. Overhead sign support
0	0.0	29. Luminaire/light support
10	0.2	30. Utility pole
8	0.2	31. Other post, pole or supports
8	0.2	32. Culvert
13	0.3	33. Curb
21	0.5	34. Ditch
11	0.2	35. Embankment - earth
3	0.1	36. Embankment - rock, stone or concrete
11	0.2	37. Embankment - material type unknown
10	0.2	38. Fence
3	0.1	39. Wall
0	0.0	40. Fire hydrant
1	0.0	41. Shrubbery
22	0.5	42. Tree
9	0.2	43. Other fixed object
0	0.0	44. Pavement surface irregularity (pothole, grooved, grates)
9	0.2	45. Transport device used as equipment
0	0.0	99. Unknown

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

                    Noncollision Event
                      01. Overturn
                      02. Fire/explosion
                      03. Immersion
                      04. Gas inhalation
                      05. Fell from vehicle
                      06. Injured in vehicle
                      07. Other noncollision

N Prcnt   Var 23 FIRST HARMFUL EVENT

        16. Thrown or falling object
        44. Pavement surface irregularity (pothole, grooved,
            grates)

    Collision With Object Not Fixed
        08. Pedestrian
        09. 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
        40. Fire hydrant
        41. Shrubbery
        42. Tree
        43. Other fixed object

Variable	24	**MANNER OF COLLISION**	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	MANNER OF COLLISION
893	20.1	0. Not a collision with a motor vehicle in transport
820	18.4	1. Rear-end
1088	24.4	2. Head-on
7	0.2	3. Rear-to-rear
1446	32.5	4. Angle
86	1.9	5. Sideswipe - same direction
97	2.2	6. Sideswipe - opposite direction
14	0.3	9. Unknown

Variable	25	**RELATION TO JUNCTION**	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	RELATION TO JUNCTION
		Noninterchange
2840	63.8	01. Nonjunction
1026	23.1	02. Intersection
196	4.4	03. Intersection related
99	2.2	04. Driveway, alley, access, etc.
31	0.7	05. Entrance/exit ramp related
35	0.8	06. Rail grade crossing
11	0.2	07. In crossover
0	0.0	09. Unknown, noninterchange
		Interchange area
56	1.3	10. Intersection
7	0.2	11. Intersection related
1	0.0	12. Driveway access
57	1.3	13. Entrance/exit ramp related
1	0.0	14. In crossover
87	2.0	15. Other location in interchange
0	0.0	19. Unknown, interchange area
4	0.1	99. Unknown

Variable	26	**RELATION TO ROADWAY**	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	RELATION TO ROADWAY
3965	89.1	1. On roadway
139	3.1	2. Shoulder
61	1.4	3. Median
147	3.3	4. Roadside

N	Prcnt	Var 26 RELATION TO ROADWAY
28	0.6	5. Outside right-of-way
100	2.2	6. Off roadway - location unknown
2	0.0	7. In parking lane
8	0.2	8. Gore
1	0.0	9. Unknown

Variable 27	TRAFFICWAY FLOW	MD1: 9 Field Width: 1
		MD2: None Type: Numeric

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	TRAFFICWAY FLOW
2666	59.9	1. Not physically divided (two way trafficway)
1274	28.6	2. Divided highway, median strip (without traffic barrier)
425	9.5	3. Divided highway, median strip (with traffic barrier)
52	1.2	4. One way trafficway
34	0.8	9. Unknown

Variable 28	NUMBER OF TRAVEL LANES	MD1: 9 Field Width: 1
		MD2: None Type: Numeric

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	NUMBER OF TRAVEL LANES
45	1.0	1. 1 lane
3406	76.5	2. 2 lanes
308	6.9	3. 3 lanes
557	12.5	4. 4 lanes
23	0.5	5. 5 lanes
50	1.1	6. 6 lanes
19	0.4	7. 7 or more lanes
43	1.0	9. Unknown

Variable	29	SPEED LIMIT	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	SPEED LIMIT
3	0.1	00. No statutory limit
0	0.0	05. 5 mph
1	0.0	10. 10 mph
5	0.1	15. 15 mph
6	0.1	20. 20 mph
76	1.7	25. 25 mph
152	3.4	30. 30 mph
279	6.3	35. 35 mph
196	4.4	40. 40 mph
452	10.2	45. 45 mph
224	5.0	50. 50 mph
2482	55.8	55. 55 mph
6	0.1	60. 60 mph
525	11.8	65. 65 mph
44	1.0	99. Unknown

Variable	30	ROADWAY ALIGNMENT	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	ROADWAY ALIGNMENT
3681	82.7	1. Straight
761	17.1	2. Curve
9	0.2	9. Unknown

Variable	31	ROADWAY PROFILE	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	ROADWAY PROFILE
3089	69.4	1. Level
1179	26.5	2. Grade
91	2.0	3. Hillcrest
24	0.5	4. Sag
68	1.5	9. Unknown

Variable	32	ROADWAY SURFACE TYPE	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	ROADWAY SURFACE TYPE
777	17.5	1. Concrete
3585	80.5	2. Blacktop, bituminous or asphalt
0	0.0	3. Brick or block
27	0.6	4. Slag, gravel or stone
11	0.2	5. Dirt
0	0.0	8. Other
51	1.1	9. Unknown

Variable	33	ROADWY SURFACE CONDITION	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	ROADWAY SURFACE CONDITION
3571	80.2	1. Dry
650	14.6	2. Wet
101	2.3	3. Snow or slush
115	2.6	4. Ice
2	0.0	5. Sand, dirt, oil
2	0.0	8. Other
10	0.2	9. Unknown

Variable	34	TRAFFIC CONTROL DEVICE	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	TRAFFIC CONTROL DEVICE
3139	70.5	00. No controls

Not At Railroad Grade Crossing

Highway traffic signals

N	Prcnt	
19	0.4	01. Traffic control signal (on colors) without pedestrian signal
27	0.6	02. Traffic control (on colors) with pedestrian signal
310	7.0	03. Traffic control signal (on colors) not known whether or not pedestrian signal
54	1.2	04. Flashing traffic control signal
17	0.4	05. Flashing beacon
7	0.2	06. Flashing highway traffic signal, type unknown or other than traffic control or beacon
12	0.3	07. Lane use control signal
9	0.2	08. Other highway traffic signal
3	0.1	09. Unknown highway traffic signal

N	Prcnt	Var 34 TRAFFIC CONTROL DEVICE
		Regulatory signs
558	12.5	20. Stop sign
23	0.5	21. Yield sign
47	1.1	28. Other regulatory sign
4	0.1	29. Unknown type regulatory sign
		School zone signs
0	0.0	30. School speed limit sign
0	0.0	31. School advance or crossing sign
0	0.0	38. Other school related sign
0	0.0	39. Unknown type school zone sign
		Warning signs
146	3.3	40. Warning sign
		Miscellaneous not at railroad crossing
26	0.6	50. Officer, crossing guard, flagman, etc.

At Railroad Grade Crossing

N	Prcnt	
		Active devices
5	0.1	60. Gates
8	0.2	61. Flashing lights
3	0.1	62. Traffic control signal
1	0.0	63. Wigwags
0	0.0	64. Bells
0	0.0	68. Other train activated device
1	0.0	69. Active device, type unknown
		Passive devices
12	0.3	70. Cross-bucks
3	0.1	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

N	Prcnt	
10	0.2	98. Other
7	0.2	99. Unknown

Variable	35	TRAFFIC CONT FUNCTIONING	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	TRAFFIC CONTROL FUNCTIONING
3142	70.6	0. No controls
7	0.2	1. Device not functioning
4	0.1	2. Device functioning - functioning improperly
1292	29.0	3. Device functioning properly
6	0.1	9. Unknown

Variable	36	HIT AND RUN	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	HIT AND RUN
4399	98.8	0. No hit and run
24	0.5	1. Hit motor vehicle in transport
28	0.6	2. Hit pedestrian or nonmotorist
0	0.0	3. Hit parked vehicle or object

Variable	37	LIGHT CONDITION	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	LIGHT CONDITION
2863	64.3	1. Daylight
1075	24.2	2. Dark
345	7.8	3. Dark but lighted
113	2.5	4. Dawn
55	1.2	5. Dusk
0	0.0	9. Unknown

Variable	38	ATMOSPHERIC CONDITIONS	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	ATMOSPHERIC CONDITIONS
3730	83.8	1. No adverse atmospheric conditions
445	10.0	2. Rain
23	0.5	3. Sleet (hail)
129	2.9	4. Snow
103	2.3	5. Fog
5	0.1	6. Rain and fog
0	0.0	7. Sleet and fog
12	0.3	8. Other (smog, smoke, blowing sand, or dust)
4	0.1	9. Unknown

Variable   39   **CONSTRUCTION/MAINT ZONE**   MD1:   9   Field Width: 1
                                              MD2:   None   Type: Numeric

---

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	CONSTRUCTION OR MAINTENANCE ZONE
4265	95.8	0. None
144	3.2	1. Construction
21	0.5	2. Maintenance
7	0.2	3. Utility
14	0.3	4. Work zone, type unknown

Variable   40   **EMS NOTIFIED - HOUR**   MD1:   99   Field Width: 2
                                            MD2:   None   Type: Numeric

N	Prcnt	EMS NOTIFIED - HOUR
274	6.2	00. Not notified or 12:01 - 12:59 am
65	1.5	01.
		- . Hour
1	0.0	24.
1375	30.9	99. Unknown

Variable   41   **EMS NOTIFIED - MINUTE**   MD1:   99   Field Width: 2
                                            MD2:   None   Type: Numeric

N	Prcnt	EMS NOTIFIED - MINUTE
276	6.2	00. Not notified or on hour
40	0.9	01.
		- . Minute
36	0.8	59.
1376	30.9	99. Unknown

Variable   42   **EMS ARRIVAL - HOUR**   MD1:   99   Field Width: 2
                                            MD2:   None   Type: Numeric

N	Prcnt	EMS ARRIVAL - HOUR
276	6.2	00. Not notified or 12:01 - 12:59 am
77	1.7	01.
		- . Hour
0	0.0	24.

N Prcnt   Var 42   EMS ARRIVAL - HOUR

1127 25.3   99. Unknown

Variable	43	EMS ARRIVAL - MINUTE	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N Prcnt   EMS ARRIVAL - MINUTE

286	6.4	00. Not notified or on hour
34	0.8	01.
		- . Minute
58	1.3	59.
1249	28.1	99. Unknown

Variable	46	SCHOOL BUS RELATED	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

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   SCHOOL BUS RELATED

| 4445 | 99.9 | 0. No |
| 6 | 0.1 | 1. Yes |

Variable	48	RAIL GRADE CROSSING ID	MD1:	None	Field Width:	7
			MD2:	None	Type:	Alphabetic

N Prcnt   RAIL GRADE CROSSING ID - FRA CODE

0000000. Not Applicable
000000A.
-      . FRA code
999999Z.
9999999. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
                        FARS ACCIDENT VARIABLES

Variable	49	NUMBER FATALITIES IN ACC	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF FATALITIES IN ACCIDENT
0	0.0	00. 0 killed
3830	86.0	01. 1 killed
468	10.5	02. 2 killed
116	2.6	03. 3 killed
25	0.6	04. 4 killed
6	0.1	05. 5 killed
4	0.1	06. 6 killed
2	0.0	09. 9 killed

Variable	50	DAY OF WEEK	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	DAY OF WEEK
252	5.7	1. Sunday
721	16.2	2. Monday
737	16.6	3. Tuesday
729	16.4	4. Wednesday
810	18.2	5. Thursday
791	17.8	6. Friday
411	9.2	7. Saturday

Variable	51	NUMBER DRINKING DRIVERS	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prcnt	NUMBER DRINKING DRIVERS
3558	79.9	0. 0 drivers
858	19.3	1. 1 drivers
34	0.8	2. 2 drivers
1	0.0	3. 3 drivers

Variable	52	ACCIDENT DATE - JULIAN	MD1:	0	Field Width:	5
			MD2:	None	Type:	Numeric

N	Prcnt	The Julian date from March 1, 1900
7	0.2	00000. Missing data
3	0.1	33910. January 1, 1993
		- .
13	0.3	34273. December 31, 1993

Variable	53	NUMBER UNINJURED IN ACC	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N Prcnt   NUMBER OF UNINJURED IN ACCIDENT

N	Prcnt		
1601	36.0	00.	0 uninjured
2152	48.3	01.	1 uninjured
453	10.2	02.	2 uninjured
122	2.7	03.	3 uninjured
59	1.3	04.	4 uninjured
33	0.7	05.	5 uninjured
13	0.3	06.	6 uninjured
3	0.1	07.	7 uninjured
8	0.2	08.	8 uninjured
1	0.0	09.	9 uninjured
6	0.1	10.	10 uninjured

Variable	54	NUMBER C-INJURED IN ACC	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N Prcnt   NUMBER OF C-INJURED IN ACCIDENT

N	Prcnt		
3610	81.1	00.	0 C-injured
654	14.7	01.	1 C-injured
121	2.7	02.	2 C-injured
39	0.9	03.	3 C-injured
15	0.3	04.	4 C-injured
4	0.1	05.	5 C-injured

Variable	55	NUMBER B-INJURED IN ACC	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N Prcnt   NUMBER OF B-INJURED IN ACCIDENT

N	Prcnt		
3471	78.0	00.	0 B-injured
721	16.2	01.	1 B-injured
161	3.6	02.	2 B-injured
54	1.2	03.	3 B-injured
23	0.5	04.	4 B-injured
9	0.2	05.	5 B-injured
7	0.2	06.	6 B-injured
1	0.0	07.	7 B-injured
1	0.0	09.	9 B-injured
1	0.0	11.	11 B-injured
1	0.0	13.	13 B-injured
1	0.0	22.	22 B-injured

Variable	56	**NUMBER A-INJURED IN ACC**	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF A-INJURED IN ACCIDENT
3287	73.8	00. 0 A-injured
825	18.5	01. 1 A-injured
225	5.1	02. 2 A-injured
66	1.5	03. 3 A-injured
17	0.4	04. 4 A-injured
19	0.4	05. 5 A-injured
4	0.1	06. 6 A-injured
4	0.1	07. 7 A-injured
3	0.1	08. 8 A-injured
1	0.0	09. 9 A-injured

Variable	57	**NUMBER K-INJURED IN ACC**	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF K-INJURED IN ACCIDENT
3830	86.0	01. 1 killed
468	10.5	02. 2 killed
116	2.6	03. 3 killed
25	0.6	04. 4 killed
6	0.1	05. 5 killed
4	0.1	06. 6 killed
2	0.0	09. 9 killed

Variable	58	**NUM UNK INJURED IN ACC**	MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	NUMBER UNKNOWN INJURED IN ACCIDENT
4425	99.4	00. 0 unknown injured
16	0.4	01. 1 unknown injured
8	0.2	02. 2 unknown injured
2	0.0	03. 3 unknown injured

Variable	59	**ACC. RELATED FACTORS #1**	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	FACTORS AT ACCIDENT LEVEL - RESPONSE #1
4281	96.2	00. None
5	0.1	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.

N	Prcnt	Var 59 ACC. RELATED FACTORS #1
8	0.2	02. Shoulder related
7	0.2	03. Other construction created condition
14	0.3	04. No (or obscured) pavement marking
3	0.1	05. Surface under water
3	0.1	06. Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	07. Surface washed out (caved in, road slippage)

Special circumstances

N	Prcnt	
42	0.9	14. Motor vehicle in transport struck by falling cargo, or something that was set in motion by a vehicle
7	0.2	15. Nonoccupant struck by falling cargo or something that came loose from or was set in motion by a vehicle
15	0.3	16. Nonoccupant struck vehicle
2	0.0	17. Vehicle set in motion by nondriver
6	0.1	18. Date of accident and date of EMS notification were not the same day
54	1.2	19. Recent previous accident scene nearby.
4	0.1	99. Unknown

Variable 60	ACC. RELATED FACTORS #2	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

N	Prcnt	FACTORS AT ACCIDENT LEVEL - RESPONSE #2
4441	99.8	00. None
0	0.0	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.
0	0.0	02. Shoulder related
3	0.1	03. Other construction created condition
0	0.0	04. No (or obscured) pavement marking
0	0.0	05. Surface under water
0	0.0	06. Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	07. Surface washed out (caved in, road slippage)

Special circumstances

N	Prcnt	
0	0.0	14. Motor vehicle in transport struck by falling cargo, or something that was set in motion by a vehicle
1	0.0	15. Nonoccupant struck by falling cargo or something that came loose from or was set in motion by a vehicle
1	0.0	16. Nonoccupant struck vehicle
0	0.0	17. Vehicle set in motion by nondriver
0	0.0	18. Date of accident and date of EMS notification were not the same day

N	Prcnt	Var 60 ACC. RELATED FACTORS #2
1	0.0	19. Recent previous accident scene nearby.
4	0.1	99. Unknown

Variable	61	ACC. RELATED FACTORS #3	MD1: 99	Field Width: 2
			MD2: None	Type: Numeric

N	Prcnt	FACTORS AT ACCIDENT LEVEL - RESPONSE #3
4446	99.9	00. None
0	0.0	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.
0	0.0	02. Shoulder related
0	0.0	03. Other construction created condition
0	0.0	04. No (or obscured) pavement marking
0	0.0	05. Surface under water
0	0.0	06. Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	07. Surface washed out (caved in, road slippage)

Special circumstances

N	Prcnt	
0	0.0	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
0	0.0	16. Nonoccupant struck vehicle
0	0.0	17. Vehicle set in motion by nondriver
0	0.0	18. Date of accident and date of EMS notification were not the same day
1	0.0	19. Recent previous accident scene nearby.
4	0.1	99. Unknown

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┌─────────────────────────────────────────────────────────────────┐
│                    The VEHICLE Variables                          │
│                                                                   │
│      Variables 104 through 163 describe the vehicle involved in   │
│   the accident (i.e., the truck).                                 │
└─────────────────────────────────────────────────────────────────┘
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Variable 104	VEHICLE NUMBER	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	VEHICLE NUMBER
2115	47.5	01. Vehicle #1
2037	45.8	02. Vehicle #2
218	4.9	03. Vehicle #3
43	1.0	04. Vehicle #4
19	0.4	05. Vehicle #5
4	0.1	06. Vehicle #6
5	0.1	07. Vehicle #7
5	0.1	08. Vehicle #8
1	0.0	09. Vehicle #9
2	0.0	10. Vehicle #10
1	0.0	11. Vehicle #11
1	0.0	12. Vehicle #12

Variable 107	NUMBER OF OCCUPANTS	MD1:	99	Field Width:	2
		MD2:	97	Type:	Numeric

N	Prcnt	NUMBER OF OCCUPANTS
53	1.2	00. 0 occupants
3602	80.9	01. 1 occupant
510	11.5	02. 2 occupants
71	1.6	03. 3 occupants
14	0.3	04. 4 occupants
1	0.0	05. 5 occupants
1	0.0	06. 6 occupants
1	0.0	07. 7 occupants
0	0.0	08. 8 occupants
1	0.0	09. 9 occupants
185	4.2	97. Unknown - only injured reported
12	0.3	99. Unknown

Variable 108	**VEHICLE MAKE**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	VEHICLE MAKE
1	0.0	03. AM General
33	0.7	07. Dodge
570	12.8	12. Ford
138	3.1	20. Chevrolet
233	5.2	23. GMC
3	0.1	35. Datsun/Nissan
31	0.7	38. Isuzu
9	0.2	42. Mercedes-Benz
21	0.5	51. Volvo
10	0.2	52. Mitsubishi
2	0.0	80. Brockway
6	0.1	81. Diamond-Reo
716	16.1	82. Freightliner
2	0.0	83. FWD
947	21.3	84. International
457	10.3	85. Kenworth
495	11.1	86. Mack
434	9.8	87. Peterbilt
10	0.2	88. Iveco/Magirus
184	4.1	89. White/Autocar-White/GMC
120	2.7	98. Other make
29	0.7	99. Unknown

Variable 109	**VEHICLE MAKE-MODEL**	MD1:	9900	Field Width:	5
		MD2:	9900	Type:	Numeric

N	Prcnt	VEHICLE MAKE-MODEL
1	0.0	03884. AM General Med/Hvy Truck
0	0.0	03899. Am General Unk Med/Hvy Truck
27	0.6	07481. Dodge D,W-series Pickup
2	0.0	07499. Dodge Unk light Truck
2	0.0	07884. Dodge med/hvy Unk engine location
1	0.0	07890. Dodge med/hvy COE Unk entry position
1	0.0	07899. Dodge Unk med/hvy truck
15	0.3	12461. Ford E-series Van
6	0.1	12470. Ford Van derivative
67	1.5	12481. Ford F-series Pickup
2	0.0	12498. Ford Other light truck
12	0.3	12499. Ford Unk light truck
357	8.0	12881. Ford Med/Hvy CBE
16	0.4	12882. Ford Med/Hvy COE low entry
21	0.5	12883. Ford Med/Hvy COE high entry
53	1.2	12884. Ford Med/Hvy Unk engine location
3	0.1	12890. Ford Med/Hvy COE Unk entry position
4	0.1	12898. Ford Other Med/Hvy Truck

N	Prcnt	Var 109	VEHICLE MAKE-MODEL
13	0.3	12899.	Ford Unk Med/Hvy Truck
1	0.0	12999.	Ford Unknown
1	0.0	20461.	Chevrolet G-series Van
2	0.0	20466.	Chevrolet P-series Van
1	0.0	20471.	Chevrolet S-10,T-10
33	0.7	20481.	Chevrolet C,K,R,V-series Pickup
2	0.0	20498.	Chevrolet Other light truck
5	0.1	20499.	Chevrolet Unk light truck
58	1.3	20881.	Chevrolet Med/Hvy CBE
2	0.0	20882.	Chevrolet Med/Hvy COE low entry
1	0.0	20883.	Chevrolet Med/Hvy COE high entry
23	0.5	20884.	Chevrolet Med/Hvy Unk engine location
2	0.0	20890.	Chevrolet Med/Hvy COE Unk entry position
2	0.0	20898.	Chevrolet Other med/hvy
6	0.1	20899.	Chevrolet Unk med/hvy
1	0.0	23441.	GMC Safari (Minivan)
3	0.1	23461.	GMC G-series Van
3	0.1	23466.	GMC P-series Van
21	0.5	23481.	GMC C,K,R,V-series Pickup
1	0.0	23498.	GMC Other light truck
122	2.7	23881.	GMC Med/Hvy CBE
8	0.2	23882.	GMC Med/Hvy COE low entry
18	0.4	23883.	GMC Med/Hvy COE high entry
37	0.8	23884.	GMC Med/Hvy Unk engine location
3	0.1	23890.	GMC Med/Hvy COE Unk entry postion
3	0.1	23898.	GMC Other med/hvy trk
12	0.3	23899.	GMC Unk med/hvy trk
1	0.0	23999.	GMC Unknown
1	0.0	35441.	Nissan/Datsun Van
1	0.0	35499.	Nissan/Datsun Unk light truck
1	0.0	35883.	Nissan/Datsun Med/Hvy COE high entry
2	0.0	38471.	Isuzu P'up Pickup
2	0.0	38498.	Isuzu Other light truck
1	0.0	38499.	Isuzu Unk light truck
6	0.1	38881.	Isuzu Med/Hvy CBE
14	0.3	38882.	Isuzu Med/Hvy COE low entry
2	0.0	38884.	Isuzu Med/Hvy Unk Engine Location
3	0.1	38899.	Isuzu Unk med/hvy trk
1	0.0	38999.	Isuzu Unknown
6	0.1	42881.	Mercedes Benz Med/Hvy CBE
2	0.0	42882.	Mercedes Benz Med/Hvy COE low entry
1	0.0	42884.	Mercedes Benz Med/Hvy Unk engine location
4	0.1	51881.	Volvo Med/Hvy CBE
6	0.1	51882.	Volvo Med/Hvy COE low entry
2	0.0	51883.	Volvo Med/Hvy COE high entry
4	0.1	51884.	Volvo Med/Hvy Unk engine location
4	0.1	51890.	Volvo Med/Hvy Unk entry position
1	0.0	51899.	Volvo Unk med/hvy trk
1	0.0	52441.	Mitsubishi Mini-van
2	0.0	52499.	Mitsubishi Unk light truck
6	0.1	52882.	Mitsubishi Med/Hvy COE low entry

N	Prcnt	Var 109	VEHICLE MAKE-MODEL
1	0.0	52899.	Mitsubishi Unk med/hvy truck
1	0.0	80884.	Brockway Med/Hvy Unk engine location
1	0.0	80899.	Brockway Unk med/hvy trk
4	0.1	81881.	Diamond Reo Med/Hvy CBE
1	0.0	81884.	Diamond Reo Med/Hvy Unk engine location
1	0.0	81899.	Diamond Reo Unk med/hvy trk
351	7.9	82881.	Freightliner Med/Hvy CBE
20	0.4	82882.	Freightliner Med/Hvy COE low entry
215	4.8	82883.	Freightliner Med/Hvy COE high entry
104	2.3	82884.	Freightliner Med/Hvy Unk engine location
7	0.2	82890.	Freightliner Med/Hvy COE Unk entry position
1	0.0	82898.	Freightliner Other med/hvy trk
18	0.4	82899.	Freightliner Unk med/hvy trk
2	0.0	83884.	FWD Med/Hvy Unk engine location
1	0.0	84466.	International Multistop Van
1	0.0	84481.	International Pickup
2	0.0	84499.	International Unk light trk
409	9.2	84881.	International Med/Hvy CBE
21	0.5	84882.	International Med/Hvy COE low entry
288	6.5	84883.	International Med/Hvy COE high entry
185	4.2	84884.	International Med/Hvy Unk engine location
6	0.1	84890.	International Med/Hvy COE Unk entry position
2	0.0	84898.	International Other med/hvy trk
32	0.7	84899.	International Unk med/hvy trk
284	6.4	85881.	Kenworth Med/Hvy CBE
7	0.2	85882.	Kenworth Med/Hvy COE low entry
44	1.0	85883.	Kenworth Med/Hvy COE high entry
92	2.1	85884.	Kenworth Med/Hvy Unk engine location
6	0.1	85890.	Kenworth Med/Hvy COE Unk entry position
1	0.0	85898.	Kenworth Other med/hvy trk
23	0.5	85899.	Kenworth Unk med/hvy trk
290	6.5	86881.	Mack Med/Hvy CBE
49	1.1	86882.	Mack Med/Hvy COE low entry
21	0.5	86883.	Mack Med/Hvy COE high entry
104	2.3	86884.	Mack Med/Hvy Unk engine location
5	0.1	86890.	Mack Med/Hvy COE Unk entry position
4	0.1	86898.	Mack Other med/hvy trk
22	0.5	86899.	Mack Unk med/hvy trk
242	5.4	87881.	Peterbilt Med/Hvy CBE
11	0.2	87882.	Peterbilt Med/Hvy COE low entry
48	1.1	87883.	Peterbilt Med/Hvy COE high entry
104	2.3	87884.	Peterbilt Med/Hvy Unk engine location
8	0.2	87890.	Peterbilt Med/Hvy COE Unk entry position
2	0.0	67898.	Peterbilt Other med/hvy trk
19	0.4	87899.	Peterbilt Unk med/hvy trk
5	0.1	88881.	Iveco/Magirus Med/Hvy CBE
2	0.0	88882.	Iveco/Magirus Med/Hvy COE low entry
3	0.1	88884.	Iveco/Magirus Med/Hvy Unk engine location
108	2.4	89881.	White/Autocar-White/GMC Med/Hvy CBE
7	0.2	89882.	White/Autocar-White/GMC Med/Hvy COE low entry
15	0.3	89883.	White/Autocar-White/GMC Med/Hvy COE High entry

N	Prcnt	Var 109 VEHICLE MAKE-MODEL
44	1.0	89884. White/Autocar-White/GMC Med/Hvy Unk engine location
2	0.0	89890. White/Autocar-White/GMC Med/Hvy COE Unk entry position
1	0.0	89898. White/Autocar-White/GMC Other med/hvy trk
7	0.2	89899. White/Autocar-White/GMC Unk med/hvy trk
8	0.2	98802. Other Make AUTO-UNION-DKW
35	0.8	98804. Other Make WESTERN STAR
6	0.1	98805. Other Make OSHKOSH
5	0.1	98806. Other Make HINO
1	0.0	98807. Other Make SCANIA
3	0.1	98808. Other Make UD
11	0.2	98881. Other Make Med/Hvy CBE
4	0.1	98882. Other Make Med/Hvy COE low entry
3	0.1	98883. Other Make Med/Hvy COE high entry
34	0.8	98884. Other Make Med/Hvy Unk engine location
3	0.1	98890. Other Make Med/Hvy COE Unk entry
7	0.2	98898. Other Make Other med/hvy trk
1	0.0	99399. Unknown Make Unknown Automobile
2	0.0	99881. Unknown Make Med/Hvy CBE
10	0.2	99884. Unknown Make Med/Hvy Unk engine location
8	0.2	99899. Unknown Make med/hvy trk
8	0.2	99999. Unknown Make Unknown Vehicle

Variable 110	BODY TYPE	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	BODY TYPE
		Van Based Light Truck, GVWR < 10,000 lbs.
3	0.1	20. Minivan
10	0.2	21. Large Van (excludes moving van)
7	0.2	22. Step Van or walk-in van
14	0.3	28. Other Van type
3	0.1	29. Unknown Van type
		Light Truck, GVWR < 10,000 lbs.
16	0.4	30. Compact Pickup (GVWR < 4,500 lbs.)
90	2.0	31. Standard Pickup (GVWR 4,500 to 10,000 lbs.)
6	0.1	32. Pickup w/Slide-in Camper
2	0.0	39. Unknown Pickup type
		Other Light Truck, GVWR 10,000 lbs.
60	1.3	40. Cab chassis Based
5	0.1	48. Unknown Light Conventional type (not pickup)
1	0.0	49. Unknown Light Vehicle type

N	Prcnt	Var 110 BODY TYPE
		Heavy/Medium Truck, GVWR > 10,000 lbs.
48	1.1	60. Step Van
192	4.3	61. Single Unit Truck low GVWR (10,000 lbs < GVWR < or = 19,500 lbs.)
179	4.0	62. Single Unit Truck medium GVWR (19,500 lbs. < GVWR < or = 26,000 lbs)
635	14.3	63. Single Unit Truck high GVWR (GVWR > 26,000 lbs.)
89	2.0	64. Single Unit Truck unknown GVWR
3043	68.4	66. Truck/Tractor (cab only, or w/ any number of trailing units; any weight)
2	0.0	71. Unknown if Single Unit or Combination Unit Med Trk (10,000 < GVWR < 26,000 lbs.)
3	0.1	72. Unknown if Single Unit or Combination Unit Hvy Trk (GVWR > 26,000 lbs.)
34	0.8	78. Unknown Med/Hvy truck type
2	0.0	79. Unknown Truck type (light/med/hvy)
7	0.2	99. Unknown Body Type

Variable 111	**MODEL YEAR**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	MODEL YEAR
1	0.0	49. 1949
		- .
159	3.6	79. 1979
133	3.0	80. 1980
117	2.6	81. 1981
100	2.2	82. 1982
120	2.7	83. 1983
255	5.7	84. 1984
322	7.2	85. 1985
264	5.9	86. 1986
290	6.5	87. 1987
367	8.2	88. 1988
393	8.8	89. 1989
380	8.5	90. 1990
314	7.1	91. 1991
305	6.9	92. 1992
360	8.1	93. 1993
54	1.2	94. 1994
30	0.7	99. Unknown

Variable	112	**VIN**		MD1:	None	Field Width:	10
				MD2:	None	Type: Alphabetic	

VEHICLE ID NUMBER - 1ST 10 POSITIONS

Variable	123	**REGISTRATION STATE**		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric

N	Prcnt	REGISTRATION STATE
13	0.3	00. Not applicable
65	1.5	01. Alabama
4	0.1	02. Alaska
40	0.9	04. Arizona
31	0.7	05. Arkansas
268	6.0	06. California
33	0.7	08. Colorado
10	0.2	09. Connecticut
19	0.4	10. Delaware
4	0.1	11. District of Columbia
252	5.7	12. Florida
89	2.0	13. Georgia
4	0.1	15. Hawaii
16	0.4	16. Idaho
104	2.3	17. Illinois
126	2.8	18. Indiana
65	1.5	19. Iowa
35	0.8	20. Kansas
77	1.7	21. Kentucky
38	0.9	22. Louisiana
22	0.5	23. Maine
48	1.1	24. Maryland
29	0.7	25. Massachusetts
70	1.6	26. Michigan
81	1.8	27. Minnesota
51	1.1	28. Mississippi
47	1.1	29. Missouri
10	0.2	30. Montana
32	0.7	31. Nebraska
13	0.3	32. Nevada
5	0.1	33. New Hampshire
100	2.2	34. New Jersey
19	0.4	35. New Mexico
89	2.0	36. New York
74	1.7	37. North Carolina
8	0.2	38. North Dakota
158	3.5	39. Ohio
67	1.5	40. Oklahoma
22	0.5	41. Oregon
162	3.6	42. Pennsylvania
1	0.0	43. Puerto Rico

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N	Prcnt	Var 123 REGISTRATION STATE
9	0.2	44. Rhode Island
38	0.9	45. South Carolina
23	0.5	46. South Dakota
70	1.6	47. Tennessee
205	4.6	48. Texas
33	0.7	49. Utah
13	0.3	50. Vermont
74	1.7	51. Virginia
46	1.0	53. Washington
33	0.7	54. West Virginia
43	1.0	55. Wisconsin
9	0.2	56. Wyoming
100	2.2	92. No registration
826	18.6	93. Multiple state registration - in state
421	9.5	94. Multiple state registration - out-of-state
7	0.2	95. U.S. government tags
3	0.1	96. Military vehicle
35	0.8	97. Foreign country
6	0.1	98. Other registration
56	1.3	99. Unknown

Variable 124	REGISTERED VEHICLE OWNER	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	REGISTERED VEHICLE OWNER
112	2.5	0. N/A, Vehicle Not Registered
429	9.6	1. Driver was Registered Owner
420	9.4	2. Driver Not Registered Owner (other private owner listed)
3276	73.6	3. Vehicle registered as Business/Company/Government vehicle
94	2.1	4. Vehicle registered as Rental vehicle
0	0.0	5. Vehicle was Stolen (reported by police)
57	1.3	6. Driverless Vehicle
63	1.4	9. Unknown

Variable 125	ROLLOVER	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	ROLLOVER
3868	86.9	0. No rollover
168	3.8	1. First event
415	9.3	2. Subsequent event

Variable 126 **JACKKNIFE**   MD1:   9   Field Width: 1

                                               MD2:   None   Type: Numeric

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   JACKKNIFE

N	Prcnt	JACKKNIFE
1672	37.6	0. Not an articulated vehicle
2547	57.2	1. No
62	1.4	2. First event
170	3.8	3. Subsequent event

Variable 127 **TRAVEL SPEED**   MD1:   99   Field Width: 2

                                               MD2:   None   Type: Numeric

N Prcnt   TRAVEL SPEED

N	Prcnt	TRAVEL SPEED
238	5.3	00. Stopped vehicle
7	0.2	01.
		- . Actual miles per hour
2	0.0	85.
1	0.0	97. 97 mph or greater
1998	44.9	99. Unknown

Variable 128 **HAZARDOUS CARGO**   MD1:   9   Field Width: 1

                                               MD2:   None   Type: Numeric

N Prcnt   HAZARDOUS CARGO

N	Prcnt	HAZARDOUS CARGO
4174	93.8	0. No
133	3.0	1. Yes, Placarded
7	0.2	2. Yes, Not Placarded
55	1.2	3. Yes, Unknown if Placarded
82	1.8	9. Unknown

Variable 129 **VEHICLE TRAILERING**   MD1:   9   Field Width: 1

                                               MD2:   None   Type: Numeric

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   VEHICLE TRAILERING

N	Prcnt	Var 129 VEHICLE TRAILERING
1440	32.4	0. No
2766	62.1	1. Yes, one trailing unit
166	3.7	2. Yes, two trailing units
14	0.3	3. Yes, three or more trailing units
12	0.3	4. Yes, number of trailing units unknown
53	1.2	9. Unknown

Variable 130	**VEHICLE CONFIGURATION**	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

N	Prcnt	VEHICLE CONFIGURATION
553	12.4	0. Not Applicable, not a heavy truck or bus
313	7.0	1. Single Unit Truck (SUT): 2 axles, 6 tires
360	8.1	2. SUT: 3 or more axles
365	8.2	3. Truck/Trailer(s)
90	2.0	4. Truck Tractor (bobtail)
2446	55.0	5. Tractor/Semitrailer
305	6.9	6. Heavy Truck, cannot classify
0	0.0	7. Bus
19	0.4	9. Unknown Vehicle Type

Variable 131	**NUMBER OF AXLES**	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

N	Prcnt	NUMBER OF AXLES
553	12.4	00. Not Applicable, not a truck or bus
334	7.5	02. 2 axles
594	13.3	03. 3 axles
255	5.7	04. 4 axles
1563	35.1	05. 5 axles
83	1.9	06. 6 axles
20	0.4	07. 7 axles
11	0.2	08. 8 axles
5	0.1	09. 9 axles
7	0.2	10. 10 axles
8	0.2	11. 11 axles
1	0.0	12. 12 axles
1	0.0	49. 49 axles
1	0.0	97. 97 axles
995	22.4	98. Heavy Truck or Bus, number of axles unknown
20	0.4	99. Unknown Type Unknown

| Variable | 132 | **CARGO BODY TYPE** | MD1: | 99 | Field Width: | 2 |
| | | | MD2: | None | Type: | Numeric |

N	Prcnt	CARGO BODY TYPE
571	12.8	00. Not Applicable, not a truck or bus
1605	36.1	01. Van/Enclosed Box
275	6.2	02. Cargo Tank
446	10.0	03. Flatbed
360	8.1	04. Dump
36	0.8	05. Concrete Mixer
17	0.4	06. Auto Transporter
81	1.8	07. Garbage/Refuse
784	17.6	08. Heavy Truck, Other Body Type
0	0.0	09. Bus
276	6.2	99. Unknown Vehicle Type

| Variable | 133 | **SPECIAL USE** | MD1: | 9 | Field Width: | 1 |
| | | | MD2: | None | Type: | Numeric |

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

N	Prcnt	SPECIAL USE
4444	99.8	0. No special use
0	0.0	1. Taxi
0	0.0	2. Vehicle used as school bus
0	0.0	3. Vehicle used as other bus
4	0.1	4. Military
1	0.0	5. Police
0	0.0	6. Ambulance
0	0.0	7. Firetruck
2	0.0	9. Unknown

| Variable | 134 | **EMERGENCY USE** | MD1: | 9 | Field Width: | 1 |
| | | | MD2: | None | Type: | Numeric |

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

N	Prcnt	EMERGENCY USE
4450	100.0	0. No
1	0.0	1. Yes

Variable 135	**IMPACT POINT - INITIAL**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	IMPACT POINT - INITIAL
124	2.8	00. Noncollision
295	6.6	01. 1 o'clock
71	1.6	02. 2 o'clock
123	2.8	03. 3 o'clock
57	1.3	04. 4 o'clock
83	1.9	05. 5 o'clock
477	10.7	06. 6 o'clock
165	3.7	07. 7 o'clock
107	2.4	08. 8 o'clock
161	3.6	09. 9 o'clock
112	2.5	10. 10 o'clock
428	9.6	11. 11 o'clock
2041	45.9	12. 12 o'clock
20	0.4	13. Top
127	2.9	14. Undercarriage
0	0.0	15. Underride
11	0.2	16. Override
49	1.1	99. Unknown

Variable 136	**IMPACT POINT - PRINCIPAL**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	IMPACT POINT - PRINCIPAL
124	2.8	00. Noncollision
267	6.0	01. 1 o'clock
70	1.6	02. 2 o'clock
135	3.0	03. 3 o'clock
53	1.2	04. 4 o'clock
90	2.0	05. 5 o'clock
447	10.0	06. 6 o'clock
171	3.8	07. 7 o'clock
108	2.4	08. 8 o'clock
175	3.9	09. 9 o'clock
101	2.3	10. 10 o'clock
383	8.6	11. 11 o'clock
1999	44.9	12. 12 o'clock
51	1.1	13. Top
184	4.1	14. Undercarriage
0	0.0	15. Underride
43	1.0	16. Override
50	1.1	99. Unknown

Variable 137	EXTENT OF DEFORMATION	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	EXTENT OF DEFORMATION
265	6.0	0. None
717	16.1	2. Other (minor)
1121	25.2	4. Functional (moderate)
2276	51.1	6. Disabling (severe)
72	1.6	9. Unknown

Variable 138	VEHICLE ROLE	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	VEHICLE ROLE
133	3.0	0. Noncollision
2994	67.3	1. Striking
1237	27.8	2. Struck
83	1.9	3. Both
4	0.1	9. Unknown

Variable 139	MANNER OF LEAVING SCENE	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	MANNER OF LEAVING SCENE
1223	27.5	1. Driven
3099	69.6	2. Towed away
17	0.4	3. Abandoned/Left at Scene
112	2.5	9. Unknown

Variable 140	FIRE OCCURRENCE	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	FIRE OCCURRENCE
4270	95.9	0. No fire
181	4.1	1. Fire occurred in vehicle during accident

Variable 142	**VEHICLE MANEUVER**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	VEHICLE MANEUVER
3120	70.1	01. Going straight
87	2.0	02. Slowing or stopping in traffic lane
55	1.2	03. Starting in traffic lane
236	5.3	04. Stopped in traffic lane
58	1.3	05. Passing or overtaking another vehicle
4	0.1	06. Leaving a parked position
3	0.1	07. Parked
6	0.1	08. Entering a parked position
92	2.1	09. Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc.
6	0.1	10. Turning right: Right Turn On Red (RTOR) permitted
0	0.0	11. Turning right: RTOR not permitted
51	1.1	12. Turning right: RTOR not known if permitted or n/a
181	4.1	13. Turning left
14	0.3	14. Making a U-turn
56	1.3	15. Backing up (other than for parking purposes)
58	1.3	16. Changing lanes or merging
404	9.1	17. Negotiating a curve
15	0.3	98. Other
5	0.1	99. Unknown

Variable 143	**CRASH AVOIDANCE MANUEVER**	MD1:	None	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	CRASH AVOIDANCE MANUEVER
1760	39.5	0. No Avoidance Maneuver Reported
473	10.6	1. Braking (skidmarks evident)
70	1.6	2. Braking (no skidmarks; driver stated)
67	1.5	3. Braking (other reported evidence)
371	8.3	4. Steering (evidence or stated)
367	8.2	5. Steer & Braking (evidence or stated)
38	0.9	6. Other Avoidance Maneuver
1305	29.3	8. Not Reported (by Police)

Variable 144	**MOST HARMFUL EVENT**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	MOST HARMFUL EVENT
262	5.9	01. Overturn
51	1.1	02. Fire/explosion
4	0.1	03. Immersion
0	0.0	04. Gas inhalation

N	Prcnt	Var 144 MOST HARMFUL EVENT
16	0.4	05. Fell from vehicle
1	0.0	06. Injured in vehicle
3	0.1	07. Other noncollision
293	6.6	08. Pedestrian
61	1.4	09. Pedalcycle
32	0.7	10. Railway train
0	0.0	11. Animal
3436	77.2	12. Motor vehicle in transport
95	2.1	13. Motor vehicle in transport in other roadway
27	0.6	14. Parked motor vehicle
5	0.1	15. Other type nonmotorist
0	0.0	16. Thrown or falling object
1	0.0	17. Boulder
6	0.1	18. Other object (not fixed)
5	0.1	19. Building
0	0.0	20. Impact attenuator/crash cushion
13	0.3	21. Bridge pier or abutment
5	0.1	22. Bridge parapet end
5	0.1	23. Bridge rail
19	0.4	24. Guardrail
11	0.2	25. Concrete traffic barrier
0	0.0	26. Other longitudinal barrier type
1	0.0	27. Highway/traffic sign post
0	0.0	28. Overhead sign support
0	0.0	29. Luminaire/light support
7	0.2	30. Utility pole
1	0.0	31. Other post, pole or supports
4	0.1	32. Culvert
0	0.0	33. Curb
9	0.2	34. Ditch
10	0.2	35. Embankment - earth
5	0.1	36. Embankment - rock, stone or concrete
12	0.3	37. Embankment - material type unknown
4	0.1	38. Fence
3	0.1	39. Wall
0	0.0	40. Fire hydrant
0	0.0	41. Shrubbery
31	0.7	42. Tree
3	0.1	43. Other fixed object
0	0.0	44. Pavement surface irregularity (pothole, grooved, grates)
8	0.2	45. Transport device used as equipment
2	0.0	99. Unknown

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

Noncollision Event
01. Overturn
02. Fire/explosion

N Prcnt   Var 144 MOST HARMFUL EVENT

      03. Immersion
      04. Gas inhalation
      05. Fell from vehicle
      06. Injured in vehicle
      07. Other noncollision
      16. Thrown or falling object
      44. Pavement surface irregularity (pothole, grooved, grates)

Collision With Object Not Fixed
      08. Pedestrian
      09. 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
      40. Fire hydrant
      41. Shrubbery
      42. Tree
      43. Other fixed object

Variable 145	**NUMBER OF DEATHS IN VEH**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF DEATHS IN VEHICLE
3847	86.4	00. 0 deaths
577	13.0	01. 1 death
24	0.5	02. 2 deaths
3	0.1	03. 3 deaths

Variable 151	**VIN TRUCK FUEL CODE**	MD1:	None	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	VIN TRUCK FUEL CODE
0	0.0	1. (E) Electric operated
312	7.0	2. (G) Gas
3356	75.4	3. (D) Diesel
4	0.1	4. (P) Propane
1	0.0	7. (*) Not available from VIN
41	0.9	8. (b) Unknown
737	16.6	9. (9) No VIN information

Variable 152	**VIN TRUCK WEIGHT CODE**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	VIN TRUCK WEIGHT CODE
0	0.0	1. 6,000 lbs. or less
0	0.0	2. 6,001 - 10,000 lbs.
163	3.7	3. 10,001 - 14,000. lbs.
65	1.5	4. 14,001 - 16,000 lbs.
35	0.8	5. 16,001 - 19,500 lbs.
250	5.6	6. 19,501 - 26,000 lbs.
434	9.8	7. 26,001 - 33,000 lbs.
2760	62.0	8. 33,001 lbs. or more
744	16.7	9. Value not coded

Variable 153	**VIN TRUCK SERIES**	MD1:	None	Field Width:	3
		MD2:	None	Type:	Alphabetic

Variable 155	LENGTH OF VIN	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	LENGTH OF VIN
0	0.0	00.
		- . Actual length
3490	78.4	17.
186	4.2	99. Unknown VIN length

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

Variable 156	NUMBER UNINJURED IN VEH	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NO. UNINJURED IN VEHICLE
1814	40.8	00. 0 uninjured
2334	52.4	01. 1 uninjured
273	6.1	02. 2 uninjured
21	0.5	03. 3 uninjured
6	0.1	04. 4 uninjured
1	0.0	05. 5 uninjured

Variable 157	NUMBER C-INJURED IN VEH	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NO. C-INJURED IN VEHICLE
3887	87.3	00. 0 C-injured
524	11.8	01. 1 C-injured
34	0.8	02. 2 C-injured
5	0.1	03. 3 C-injured

Variable 158	**NUMBER B-INJURED IN VEH**	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NO. B-INJURED IN VEHICLE
3953	88.8	00. 0 B-injured
456	10.2	01. 1 B-injured
37	0.8	02. 2 B-injured
4	0.1	03. 3 B-injured
1	0.0	04. 4 B-injured

Variable 159	**NUMBER A-INJURED IN VEH**	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NO. A-INJURED IN VEHICLE
4146	93.1	00. 0 A-injured
284	6.4	01. 1 A-injured
19	0.4	02. 2 A-injured
2	0.0	03. 3 A-injured

Variable 160	**NUMBER K-INJURED IN VEH**	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NO. K-INJURED IN VEHICLE
3847	86.4	00. 0 killed
577	13.0	01. 1 killed
24	0.5	02. 2 killed
3	0.1	03. 3 killed

Variable 161	**NUM UNK INJURED IN VEH**	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NO. UNK INJURED IN VEHICLE
4439	99.7	00. 0 unknown injured
9	0.2	01. 1 unknown injured
2	0.0	02. 2 unknown injured
1	0.0	03. 3 unknown injured

Variable 162	**VEH. RELATED FACTORS #1**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	FACTORS AT VEHICLE LEVEL - RESPONSE #1
4038	90.7	00. None
		Defective
50	1.1	01. Tires
133	3.0	02. Brake system
2	0.0	03. Steering system: tie-rod, kingpin, ball-joint, etc.
3	0.1	04. Suspension: springs, shock-absorbers, MacPherson-struts, control-arm, etc.
6	0.1	05. Power train: universal-joint, drive-shaft, transmission, etc.
1	0.0	06. Exhaust system
2	0.0	07. Headlights
1	0.0	08. Signal lights
12	0.3	09. Other lights
0	0.0	10. Horn
1	0.0	11. Mirrors
0	0.0	12. Wipers
0	0.0	13. Driver seating and control
2	0.0	14. Body, doors, other
9	0.2	15. Trailer hitch
3	0.1	16. Wheels
16	0.4	18. Other vehicle defects
43	1.0	31. Hit-and-run vehicle
0	0.0	32. Vehicle registration for handicapped
0	0.0	33. Vehicle being pushed by nonmotorist
129	2.9	99. Unknown

Variable 163	**VEH. RELATED FACTORS #2**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	FACTORS AT VEHICLE LEVEL - RESPONSE #2
4298	96.6	00. None
		Defective
3	0.1	01. Tires
6	0.1	02. Brake system
3	0.1	03. Steering system: tie-rod, kingpin, ball-joint, etc.
1	0.0	04. Suspension: springs, shock-absorbers, MacPherson-struts, control-arm, etc.
0	0.0	05. Power train: universal-joint, drive-shaft, transmission, etc.

N	Prcnt	Var 163 VEH. RELATED FACTORS #2
0	0.0	06. Exhaust system
1	0.0	07. Headlights
1	0.0	08. Signal lights
1	0.0	09. Other lights
0	0.0	10. Horn
0	0.0	11. Mirrors
0	0.0	12. Wipers
0	0.0	13. Driver seating and control
1	0.0	14. Body, doors, other
0	0.0	15. Trailer hitch
1	0.0	16. Wheels
6	0.1	18. Other vehicle defects
0	0.0	31. Hit-and-run vehicle
0	0.0	32. Vehicle registration for handicapped
0	0.0	33. Vehicle being pushed by nonmotorist
129	2.9	99. Unknown

+--+
| The DRIVER Variables |
| |
| Variables 207 through 229 describe the driver of the truck |
| involved in the accident. |
+--+

Variable 207	**DRIVER PRESENCE**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N Prcnt   DRIVER PRESENCE

N	Prcnt	
4383	98.5	1. Driver operated vehicle
59	1.3	2. Driverless
9	0.2	3. Driver left scene
0	0.0	9. Unknown

Variable 208	**DRIVER DRINKING**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N Prcnt   DRIVER DRINKING

N	Prcnt	
4302	96.7	0. No drinking reported
149	3.3	1. Drinking reported
0	0.0	9. Unknown

Variable 209	**LICENSE STATE**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   LICENSE STATE

N	Prcnt	
139	3.1	01. Alabama
6	0.1	02. Alaska
53	1.2	04. Arizona
78	1.8	05. Arkansas
312	7.0	06. California
59	1.3	08. Colorado
19	0.4	09. Connecticut
21	0.5	10. Delaware
2	0.0	11. District of Columbia
274	6.2	12. Florida
169	3.8	13. Georgia
4	0.1	15. Hawaii
21	0.5	16. Idaho
150	3.4	17. Illinois
124	2.8	18. Indiana
95	2.1	19. Iowa

N	Prcnt	Var 209 LICENSE STATE
46	1.0	20. Kansas
94	2.1	21. Kentucky
92	2.1	22. Louisiana
16	0.4	23. Maine
51	1.1	24. Maryland
31	0.7	25. Massachusetts
109	2.4	26. Michigan
66	1.5	27. Minnesota
91	2.0	28. Mississippi
135	3.0	29. Missouri
10	0.2	30. Montana
52	1.2	31. Nebraska
15	0.3	32. Nevada
6	0.1	33. New Hampshire
75	1.7	34. New Jersey
35	0.8	35. New Mexico
125	2.8	36. New York
208	4.7	37. North Carolina
12	0.3	38. North Dakota
176	4.0	39. Ohio
90	2.0	40. Oklahoma
52	1.2	41. Oregon
185	4.2	42. Pennsylvania
15	0.3	44. Rhode Island
93	2.1	45. South Carolina
30	0.7	46. South Dakota
145	3.3	47. Tennessee
381	8.6	48. Texas
25	0.6	49. Utah
13	0.3	50. Vermont
95	2.1	51. Virginia
65	1.5	53. Washington
38	0.9	54. West Virginia
112	2.5	55. Wisconsin
11	0.2	56. Wyoming
0	0.0	94. Military
32	0.7	95. Canada
4	0.1	96. Mexico
3	0.1	97. Other foreign country
91	2.0	99. Unknown

Variable 210	**NON-CDL LICENSE STATUS**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N Prcnt   NON-CDL LICENSE STATUS, REGARDLESS OF VEH. DRIVEN

No valid license

N	Prcnt	
19	0.4	0. Not licensed
63	1.4	1. Suspended
6	0.1	2. Revoked
5	0.1	3. Expired
4	0.1	4. Cancelled or denied

Valid license

N	Prcnt	
0	0.0	5. Single class license
4197	94.3	6. Multiple class license
2	0.0	7. Learner's permit
0	0.0	8. Temporary
155	3.5	9. Unknown

Variable 211	**LICENSE CLASS COMPLIANCE**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N Prcnt   LICENSE COMPLIANCE (FOR THIS CLASS VEH.)

N	Prcnt	
24	0.5	0. Not licensed
1	0.0	1. No license required for this class vehicle
148	3.3	2. No valid license for this class vehicle
4081	91.7	3. Valid license for this class vehicle
26	0.6	8. Unknown if CDL and/or CDL endorsement required for this vehicle
171	3.8	9. Unknown

Variable 212	**CDL LICENSE STATUS**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N Prcnt   COMMERCIAL MOTOR VEHICLE LICENSE STATUS

N	Prcnt	
507	11.4	0. No CDL
37	0.8	1. Suspended
4	0.1	2. Revoked
18	0.4	3. Expired
6	0.1	4. Cancelled or denied
4	0.1	5. Disqualified
3688	82.9	6. Valid
5	0.1	7. Learner's permit
23	0.5	8. Other - not valid
159	3.6	9. Unknown

| Variable 213 | **LICENSE ENDORSEMENTS** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	COMPLIANCE WITH LICENSE ENDORSEMENTS
2739	61.5	0. No Endorsements
867	19.5	1. Endorsement(s) complied with
33	0.7	2. Endorsement(s) not complied with
425	9.5	3. Endorsement(s), compliance unknown
387	8.7	9. Unknown

| Variable 214 | **LICENSE RESTRICTIONS MET** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	COMPLIANCE WITH LICENSE RESTRICTIONS
3226	72.5	0. No restrictions or not applicable
255	5.7	1. Restrictions complied with
5	0.1	2. Restrictions not complied with
784	17.6	3. Restrictions, compliance unknown
181	4.1	9. Unknown

| Variable 215 | **VIOLATIONS CHARGED** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	VIOLATIONS CHARGED
3694	83.0	0. None
24	0.5	1. Alcohol or drugs
44	1.0	2. Speeding
1	0.0	3. Alcohol or drugs and speeding
26	0.6	4. Reckless driving
8	0.2	5. Driving with a suspended or revoked license
346	7.8	6. Other moving violation
71	1.6	7. Nonmoving violation
43	1.0	8. Violation, type unknown or other violation
194	4.4	9. Unknown

| Variable 216 | **NUMBER OF PREV ACCIDENTS** | MD1: | 99 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	NUMBER OF PREVIOUS RECORDED ACCIDENTS
3354	75.4	00. 0 accidents
726	16.3	01. 1 accident
156	3.5	02. 2 accidents
22	0.5	03. 3 accidents

N	Prcnt	Var 216 NUMBER OF PREV ACCIDENTS
5	0.1	04. 4 accidents
4	0.1	05. 5 accidents
184	4.1	99. Unknown

Variable 217	NUMBER PREV SUSPENSIONS	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS
3927	88.2	00. 0 suspensions
240	5.4	01. 1 suspension
65	1.5	02. 2 suspensions
15	0.3	03. 3 suspensions
15	0.3	04. 4 suspensions
10	0.2	05. 5 suspensions
3	0.1	06. 6 suspensions
3	0.1	07. 7 suspensions
2	0.0	08. 8 suspensions
1	0.0	09. 9 suspensions
1	0.0	10. 10 suspensions
169	3.8	99. Unknown

Variable 218	NUMBER OF PREV DWI CONV	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF PREVIOUS DWI CONVICTIONS
4210	94.6	00. 0 DWI convictions
67	1.5	01. 1 DWI conviction
4	0.1	02. 2 DWI convictions
1	0.0	04. 4 DWI convictions
169	3.8	99. Unknown

Variable 219	NUM PREV SPEEDING CONV	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF PREVIOUS SPEEDING CONVICTIONS
2945	66.2	00. 0 speed convictions
855	19.2	01. 1 speed conviction
267	6.0	02. 2 speed convictions
125	2.8	03. 3 speed convictions
55	1.2	04. 4 speed convictions
18	0.4	05. 5 speed convictions
9	0.2	06. 6 speed convictions

:-

N	Prcnt	Var 219 NUM PREV SPEEDING CONV
6	0.1	07. 7 speed convictions
1	0.0	09. 9 speed convictions
1	0.0	10. 10 speed convictions
169	3.8	99. Unknown

Variable 220	NUM PREV OTHER MV CONV	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

N	Prcnt	NO. PREVIOUS OTHER HARMFUL MV CONVICTIONS
3362	75.5	00. 0 other convictions
667	15.0	01. 1 other conviction
187	4.2	02. 2 other convictions
33	0.7	03. 3 other convictions
21	0.5	04. 4 other convictions
5	0.1	05. 5 other convictions
5	0.1	06. 6 other convictions
2	0.0	07. 7 other convictions
169	3.8	99. Unknown

Variable 221	LAST ACCIDENT - MONTH	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

N	Prcnt	LAST ACC./SUSPENSION/CONVICTION - MONTH
1951	43.8	00. No record
176	4.0	01. January
156	3.5	02. February
197	4.4	03. March
191	4.3	04. April
184	4.1	05. May
218	4.9	06. June
219	4.9	07. July
221	5.0	08. August
196	4.4	09. September
200	4.5	10. October
176	4.0	11. November
197	4.4	12. December
169	3.8	99. Unknown

Variable 222	**LAST ACCIDENT - YEAR**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   LAST ACC./SUSPENSION/CONVICTION - YEAR

N	Prcnt	
1951	43.8	00. No record
209	4.7	90. 1990
579	13.0	91. 1991
920	20.7	92. 1992
623	14.0	93. 1993
169	3.8	99. Unknown

Variable 223	**FIRST ACCIDENT - MONTH**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   1ST ACC./SUSPENSION/CONVICTION - MONTH

N	Prcnt	
1951	43.8	00. No record
190	4.3	01. January
167	3.8	02. February
203	4.6	03. March
189	4.2	04. April
185	4.2	05. May
207	4.7	06. June
199	4.5	07. July
218	4.9	08. August
192	4.3	09. September
197	4.4	10. October
194	4.4	11. November
190	4.3	12. December
169	3.8	99. Unknown

Variable 224	**FIRST ACCIDENT - YEAR**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   1ST ACCIDENT/SUSPENSION/CONVICTION - YEAR

N	Prcnt	
1951	43.8	00. No record
608	13.7	90. 1990
881	19.8	91. 1991
616	13.8	92. 1992
226	5.1	93. 1993
169	3.8	99. Unknown

| Variable 227 | **DRIVER RELATED FACTORS#1** | MD1: | 99 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N Prcnt   FACTORS AT DRIVER LEVEL - RESPONSE #1

N	Prcnt	
2724	61.2	00. None
		Physical/Mental Condition
64	1.4	01. Drowsy, sleepy, asleep, fatigued
4	0.1	02. Ill, blackout
1	0.0	03. Emotional (e.g., depression, angry, disturbed)
1	0.0	04. Drugs - medication
3	0.1	05. Other drugs
126	2.8	06. Inattentive (talking, eating, etc.)
0	0.0	07. Restricted to wheelchair
0	0.0	08. Paraplegic
0	0.0	09. Impaired due to previous injury
1	0.0	10. Deaf
0	0.0	11. Other physical impairment
0	0.0	12. Mother of dead fetus
		Miscellaneous Causes
1	0.0	19. Legally driving on suspended or revoked license
42	0.9	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
25	0.6	21. Overloading or improper loading of vehicle with passengers or cargo
5	0.1	22. Towing or pushing vehicle improperly
6	0.1	23. Failing to dim or to have lights on when required
25	0.6	24. Operating without required equipment
0	0.0	25. Creating unlawful noise or using equipment prohibited by law
60	1.3	26. Following improperly
26	0.6	27. Improper or erratic lane changing
284	6.4	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
3	0.1	30. Making improper entry to or exit from trafficway
29	0.7	31. Starting or backing improperly
0	0.0	32. Opening vehicle closure into moving traffic or while vehicle is in motion
9	0.2	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
8	0.2	35. Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
89	2.0	36. Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	37. High speed chase - police in pursuit
214	4.8	38. Failure to yield right-of-way
85	1.9	39. Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone

N	Prcnt	Var 227 DRIVER RELATED FACTORS#1
1	0.0	40. Passing through or around barrier
3	0.1	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
208	4.7	44. Driving too fast for conditions or in excess of posted maximum
14	0.3	45. Driving less than posted minimum
0	0.0	46. Operating at erratic or suddenly changing speeds
2	0.0	47. Making right turn from left turn lane, making left turn from right turn lane
27	0.6	48. Making other improper turn
0	0.0	49. Failure to comply with physical restrictions of license
2	0.0	50. Driving wrong way on one-way trafficway
19	0.4	51. Driving on wrong side of road
1	0.0	52. Operator inexperience
1	0.0	53. Unfamiliar with roadway
24	0.5	54. Stopping in roadway (vehicle not abandoned)
0	0.0	55. Underriding a parked truck
2	0.0	56. Low tire pressure
2	0.0	57. Locked wheel
4	0.1	58. Over correcting
1	0.0	59. Getting off/out of or on/in to moving vehicle
0	0.0	60. Getting off/out of or on/in to nonmoving vehicle

Vision Obscured By:

N	Prcnt	
32	0.7	61. Rain, snow, fog, smoke, sand, dust
4	0.1	62. Reflected glare, bright sunlight, headlights
8	0.2	63. Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	64. Building, billboard, etc.
3	0.1	65. Trees, crops, vegetation
5	0.1	66. Moving vehicle (including load)
4	0.1	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
8	0.2	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
4	0.1	76. Other obstruction

Avoiding, Swerving or Sliding due to:

N	Prcnt	
0	0.0	77. Severe crosswind
0	0.0	78. Wind from passing truck
6	0.1	79. Slippery or loose surface
10	0.2	80. Tire blow-out or flat
0	0.0	81. Debris or objects in road

N Prcnt   Var 227   DRIVER RELATED FACTORS#1

N	Prcnt		
2	0.0	82.	Ruts, holes, bumps in road
2	0.0	83.	Animals in road
27	0.6	84.	Vehicle in road
2	0.0	85.	Phantom vehicle
2	0.0	86.	Pedestrian, pedalcyclist, or other nonmotorist in road
18	0.4	87.	Water, snow, oilslick on road

Other Miscellaneous Factors

N	Prcnt		
21	0.5	90.	Hit-and-run vehicle driver
49	1.1	91.	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
56	1.3	92.	Other nonmoving traffic violations

Possible distractions (inside vehicle)

N	Prcnt		
2	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
40	0.9	99.	Unknown

Variable 228	DRIVER RELATED FACTORS#2	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   FACTORS AT DRIVER LEVEL - RESPONSE #2

N	Prcnt		
3642	81.8	00.	None

Physical/Mental Condition

N	Prcnt		
10	0.2	01.	Drowsy, sleepy, asleep, fatigued
1	0.0	02.	Ill, blackout
0	0.0	03.	Emotional (e.g., depression, angry, disturbed)
1	0.0	04.	Drugs - medication
5	0.1	05.	Other drugs
39	0.9	06.	Inattentive (talking, eating, etc.)
0	0.0	07.	Restricted to wheelchair
0	0.0	08.	Paraplegic
0	0.0	09.	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

Miscellaneous Causes

N	Prcnt		
1	0.0	19.	Legally driving on suspended or revoked license
2	0.0	20.	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway

N	Prcnt	Var 228 DRIVER RELATED FACTORS#2
8	0.2	21. Overloading or improper loading of vehicle with passengers or cargo
3	0.1	22. Towing or pushing vehicle improperly
1	0.0	23. Failing to dim or to have lights on when required
11	0.2	24. Operating without required equipment
0	0.0	25. Creating unlawful noise or using equipment prohibited by law
16	0.4	26. Following improperly
2	0.0	27. Improper or erratic lane changing
145	3.3	28. Failure to keep in proper lane or running off road
1	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median
3	0.1	30. Making improper entry to or exit from trafficway
6	0.1	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
6	0.1	35. Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
40	0.9	36. Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	37. High speed chase - police in pursuit
38	0.9	38. Failure to yield right-of-way
75	1.7	39. Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
0	0.0	40. Passing through or around barrier
4	0.1	41. Failure to observe warnings or instructions on vehicles displaying them
1	0.0	42. Failure to signal intentions
0	0.0	43. Giving wrong signal
120	2.7	44. Driving too fast for conditions or in excess of posted maximum
3	0.1	45. Driving less than posted minimum
0	0.0	46. Operating at erratic or suddenly changing speeds
1	0.0	47. Making right turn from left turn lane, making left turn from right turn lane
16	0.4	48. Making other improper turn
0	0.0	49. Failure to comply with physical restrictions of license
1	0.0	50. Driving wrong way on one-way trafficway
8	0.2	51. Driving on wrong side of road
1	0.0	52. Operator inexperience
5	0.1	53. Unfamiliar with roadway
5	0.1	54. Stopping in roadway (vehicle not abandoned)
0	0.0	55. Underriding a parked truck
0	0.0	56. Low tire pressure
2	0.0	57. Locked wheel

N	Prcnt	Var 228 DRIVER RELATED FACTORS#2
6	0.1	58. Over correcting
0	0.0	59. Getting off/out of or on/in to moving vehicle
0	0.0	60. Getting off/out of or on/in to nonmoving vehicle

Vision Obscured By:

N	Prcnt	
16	0.4	61. Rain, snow, fog, smoke, sand, dust
3	0.1	62. Reflected glare, bright sunlight, headlights
3	0.1	63. Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	64. Building, billboard, etc.
1	0.0	65. Trees, crops, vegetation
3	0.1	66. Moving vehicle (including load)
0	0.0	67. Parked vehicle
0	0.0	68. Splash or spray of passing vehicle
0	0.0	69. Inadequate defrost or defog system
0	0.0	70. Inadequate lighting system
3	0.1	71. Obstructing angles on vehicle
0	0.0	72. Mirrors - rear view
0	0.0	73. Mirrors - other
0	0.0	74. Head restraints
0	0.0	75. Broken or improperly cleaned windshield
0	0.0	76. Other obstruction

Avoiding, Swerving or Sliding due to:

N	Prcnt	
1	0.0	77. Severe crosswind
0	0.0	78. Wind from passing truck
6	0.1	79. Slippery or loose surface
2	0.0	80. Tire blow-out or flat
1	0.0	81. Debris or objects in road
0	0.0	82. Ruts, holes, bumps in road
3	0.1	83. Animals in road
19	0.4	84. Vehicle in road
1	0.0	85. Phantom vehicle
2	0.0	86. Pedestrian, pedalcyclist, or other nonmotorist in road
17	0.4	87. Water, snow, oilslick on road

Other Miscellaneous Factors

N	Prcnt	
12	0.3	90. Hit-and-run vehicle driver
60	1.3	91. Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
28	0.6	92. Other nonmoving traffic violations

Possible distractions (inside vehicle)

N	Prcnt	
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
1	0.0	97. Two-way radio
0	0.0	98. Head-up display

N	Prcnt	Var 228 DRIVER RELATED FACTORS#2
40	0.9	99. Unknown

Variable 229	DRIVER RELATED FACTORS#3	MD1:	None	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	FACTORS AT DRIVER LEVEL - RESPONSE #3
4177	93.8	00. None

Physical/Mental Condition

N	Prcnt	
7	0.2	01. Drowsy, sleepy, asleep, fatigued
2	0.0	02. Ill, blackout
0	0.0	03. Emotional (e.g., depression, angry, disturbed)
0	0.0	04. Drugs - medication
3	0.1	05. Other drugs
10	0.2	06. Inattentive (talking, eating, etc.)
0	0.0	07. Restricted to wheelchair
0	0.0	08. Paraplegic
0	0.0	09. 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

Miscellaneous Causes

N	Prcnt	
0	0.0	19. Legally driving on suspended or revoked license
0	0.0	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
0	0.0	21. Overloading or improper loading of vehicle with passengers or cargo
0	0.0	22. Towing or pushing vehicle improperly
0	0.0	23. Failing to dim or to have lights on when required
1	0.0	24. Operating without required equipment
0	0.0	25. Creating unlawful noise or using equipment prohibited by law
2	0.0	26. Following improperly
0	0.0	27. Improper or erratic lane changing
19	0.4	28. Failure to keep in proper lane or running off road
1	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median
1	0.0	30. Making improper entry to or exit from trafficway
2	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
2	0.0	35. Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle

N Prcnt   Var 229 DRIVER RELATED FACTORS#3

N	Prcnt		
8	0.2	36.	Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	37.	High speed chase - police in pursuit
2	0.0	38.	Failure to yield right-of-way
6	0.1	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
1	0.0	41.	Failure to observe warnings or instructions on vehicles displaying them
1	0.0	42.	Failure to signal intentions
0	0.0	43.	Giving wrong signal
32	0.7	44.	Driving too fast for conditions or in excess of posted maximum
0	0.0	45.	Driving less than posted minimum
0	0.0	46.	Operating at erratic or suddenly changing speeds
0	0.0	47.	Making right turn from left turn lane, making left turn from right turn lane
10	0.2	48.	Making other improper turn
0	0.0	49.	Failure to comply with physical restrictions of license
1	0.0	50.	Driving wrong way on one-way trafficway
6	0.1	51.	Driving on wrong side of road
2	0.0	52.	Operator inexperience
0	0.0	53.	Unfamiliar with roadway
2	0.0	54.	Stopping in roadway (vehicle not abandoned)
0	0.0	55.	Underriding a parked truck
0	0.0	56.	Low tire pressure
1	0.0	57.	Locked wheel
13	0.3	58.	Over correcting
0	0.0	59.	Getting off/out of or on/in to moving vehicle
1	0.0	60.	Getting off/out of or on/in to nonmoving vehicle

Vision Obscured By:

N	Prcnt		
6	0.1	61.	Rain, snow, fog, smoke, sand, dust
0	0.0	62.	Reflected glare, bright sunlight, headlights
1	0.0	63.	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	64.	Building, billboard, etc.
1	0.0	65.	Trees, crops, vegetation
2	0.0	66.	Moving vehicle (including load)
0	0.0	67.	Parked vehicle
0	0.0	68.	Splash or spray of passing vehicle
0	0.0	69.	Inadequate defrost or defog system
0	0.0	70.	Inadequate lighting system
1	0.0	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
3	0.1	76.	Other obstruction

N Prcnt   Var 229 DRIVER RELATED FACTORS#3

          Avoiding, Swerving or Sliding due to:
1 0.0   77. Severe crosswind
0 0.0   78. Wind from passing truck
3 0.1   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
2 0.0   83. Animals in road
4 0.1   84. Vehicle in road
1 0.0   85. Phantom vehicle
0 0.0   86. Pedestrian, pedalcyclist, or other nonmotorist in
                  road
10 0.2   87. Water, snow, oilslick on road

          Other Miscellaneous Factors

3 0.1   90. Hit-and-run vehicle driver
43 1.0   91. Nontraffic violation charged - manslaughter or
                  other homicide (offense committed without malice)
17 0.4   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

40 0.9   99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
FARS DRIVER VARIABLES

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┌─────────────────────────────────────────────────────────────────────┐
│                      The OCCUPANT Variables                           │
│                                                                       │
│       Variables 306 through 342 describe the occupant of the          │
│    truck (i.e., the driver) and are obtained from the FARS            │
│    occupant file.                                                     │
└─────────────────────────────────────────────────────────────────────┘
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Variable 306	OCCUPANT NUMBER		MD1:	None	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	OCCUPANT NUMBER
59	1.3	00. None
4391	98.7	01. Occupant #1
1	0.0	02. Occupant #2

Variable 308	OCCUPANT AGE		MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	OCCUPANT AGE
1	0.0	15. 15 years
2	0.0	17. 17 years
6	0.1	18. 18 years
17	0.4	19. 19 years
18	0.4	20. 20 years
43	1.0	21. 21 years
57	1.3	22. 22 years
84	1.9	23. 23 years
89	2.0	24. 24 years
83	1.9	25. 25 years
102	2.3	26. 26 years
109	2.4	27. 27 years
111	2.5	28. 28 years
121	2.7	29. 29 years
150	3.4	30. 30 years
151	3.4	31. 31 years
159	3.6	32. 32 years
161	3.6	33. 33 years
119	2.7	34. 34 years
152	3.4	35. 35 years
139	3.1	36. 36 years
137	3.1	37. 37 years
134	3.0	38. 38 years
115	2.6	39. 39 years
131	2.9	40. 40 years
118	2.7	41. 41 years
124	2.8	42. 42 years

N Prcnt   Var 308   OCCUPANT AGE

N	Prcnt		
103	2.3	43.	43 years
141	3.2	44.	44 years
90	2.0	45.	45 years
125	2.8	46.	46 years
103	2.3	47.	47 years
92	2.1	48.	48 years
90	2.0	49.	49 years
80	1.8	50.	50 years
98	2.2	51.	51 years
88	2.0	52.	52 years
89	2.0	53.	53 years
66	1.5	54.	54 years
74	1.7	55.	55 years
71	1.6	56.	56 years
66	1.5	57.	57 years
56	1.3	58.	58 years
45	1.0	59.	59 years
46	1.0	60.	60 years
42	0.9	61.	61 years
42	0.9	62.	62 years
25	0.6	63.	63 years
17	0.4	64.	64 years
23	0.5	65.	65 years
18	0.4	66.	66 years
7	0.2	67.	67 years
8	0.2	68.	68 years
4	0.1	69.	69 years
5	0.1	70.	70 years
4	0.1	71.	71 years
3	0.1	72.	72 years
1	0.0	73.	73 years
5	0.1	74.	74 years
4	0.1	75.	75 years
3	0.1	76.	76 years
2	0.0	77.	77 years
1	0.0	81.	81 years
1	0.0	83.	83 years
1	0.0	84.	84 years
79	1.8	99.	Unknown

Variable 309	OCCUPANT SEX	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N Prcnt   OCCUPANT SEX

N	Prcnt		
4301	96.6	1.	Male
73	1.6	2.	Female
77	1.7	9.	Unknown

| Variable 310 | **OCCUPANT TYPE** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N Prcnt   OCCUPANT TYPE

| 4392 | 98.7 | 1. Driver of a motor vehicle in transport |
| 59 | 1.3 | 9. Unknown occupant type in a motor vehicle in transport |

| Variable 311 | **OCC SEATING POSITION** | MD1: | 99 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N Prcnt   OCC SEATING POSITION

| 4392 | 98.7 | 11. Front seat - left side (driver's side) |
| 59 | 1.3 | 99. Unknown |

| Variable 312 | **RESTRAINT SYSTEM USE** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N Prcnt   RESTRAINT SYSTEM USE

1162	26.1	0. None used (vehicle occupant) or not applicable (nonmotorist)
5	0.1	1. Shoulder belt
990	22.2	2. Lap belt
1244	27.9	3. Lap and shoulder belt
386	8.7	8. Restraint used - type unknown or other
664	14.9	9. Unknown

| Variable 313 | **AIR BAG AVAIL/FUNCTION** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N Prcnt   AIR BAG AVAILABILITY - FUNCTION

0	0.0	0. Nonmotorist
0	0.0	3. Deployed
3	0.1	4. Nondeployed
4448	99.9	9. Unknown or not applicable

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Variable 314	**OCCUPANT EJECTION**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	OCCUPANT EJECTION
4177	93.8	0. Not ejected - not applicable
152	3.4	1. Totally ejected
55	1.2	2. Partially ejected
67	1.5	9. Unknown

Variable 315	**EJECTION PATH**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	EJECTION PATH
4177	93.8	0. Not Ejected: N/A
16	0.4	1. Side Door Opening
16	0.4	2. Side Window
15	0.3	3. Windshield
3	0.1	4. Back Window
0	0.0	5. Back Door/Tailgate Opening
0	0.0	6. Roof Opening (sunroof, convertible top down)
1	0.0	7. Roof (convertible top up)
1	0.0	8. Other Path (e.g., back of pickup truck)
222	5.0	9. Unknown/Unknown Path

Variable 316	**OCCUPANT EXTRICATION**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	OCCUPANT EXTRICATION
4224	94.9	0. Not extricated - not applicable
130	2.9	1. Extricated
97	2.2	9. Unknown

Variable 318	**OCC ALCOHOL INVOLVEMENT**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	OCC ALCOHOL INVOLVEMENT
3132	70.4	0. No (alcohol not involved)
113	2.5	1. Yes (alcohol involved)
857	19.3	8. Not reported
349	7.8	9. Unknown (police reported)

Variable 319	OCC METH ALC DETERMINAT	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	METHOD OF ALCOHOL DETERMINATION (POLICE)
442	9.9	1. Evidential test (breath, blood, urine)
71	1.6	2. Preliminary Breath Test (PBT)
28	0.6	3. Behavioral
3	0.1	4. Passive Alcohol Sensor (PAS)
303	6.8	5. Observed
11	0.2	8. Other (e.g., saliva test)
3593	80.7	9. Not reported

Variable 320	OCC ALCOHOL TEST RESULT	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric
		Implied Dec Places:	2		

N	Prcnt	OCC ALCOHOL TEST RESULT
1168	26.2	00.
		- . Result value (grams/100 ml) %
1	0.0	36.
0	0.0	95. Test refused
2749	61.8	96. None given
169	3.8	97. AC test performed, results unknown
274	6.2	99. Unknown

Variable 321	DRUG INVOLVEMENT	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	POLICE REPORTED OTHER DRUG INVOLVEMENT
1082	24.3	0. No (other drugs not involved)
19	0.4	1. Yes (other drugs involved
3128	70.3	8. Not Reported
222	5.0	9. Unknown (police reported as unknown)

Variable 322	DRUG DETERMINATION	MD1:	None	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	METHOD OTH. DRUG DETERMINATION (POLICE)
99	2.2	1. Evidential Test (blood, urine)
3	0.1	2. Drug Recognition Technician (DRT) determined
37	0.8	3. Behavioral
11	0.2	7. Other
4301	96.6	8. Not Reported

Variable 323	**DRUG TEST TYPE #1**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	DRUG TEST TYPE #1
3187	71.6	0. Not Tested For Drugs
327	7.3	1. Blood Test
100	2.2	2. Urine Test
60	1.3	3. Both: Blood and Urine
40	0.9	7. Unknown Test Type
7	0.2	8. Other Type Test
730	16.4	9. Unknown if Tested for Drugs

Variable 324	**DRUG TEST RESULTS #1**	MD1:	999	Field Width:	3
		MD2:	None	Type:	Numeric

N	Prcnt	DRUG TEST RESULTS #1
3187	71.6	000. Not Tested For Drugs
0	0.0	001. 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.
		- . 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.

N Prcnt   Var 324   DRUG TEST RESULTS #1

N	Prcnt	
11	0.2	996. Other Drug
52	1.2	997. Tested For Drugs, Results Unknown
3	0.1	998. Tested For Drugs, Drugs Found, Type Unknown
730	16.4	999. Unknown if Tested for Drugs

Variable 325	DRUG TEST TYPE #2	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

N Prcnt   DRUG TEST TYPE #2

N	Prcnt	
3989	89.6	0. Not Tested For Drugs
17	0.4	1. Blood Test
10	0.2	2. Urine Test
1	0.0	3. Both: Blood and Urine
4	0.1	7. Unknown Test Type
0	0.0	8. Other Type Test
430	9.7	9. Unknown if Tested for Drugs

Variable 326	DRUG TEST RESULTS #2	MD1: 999	Field Width: 3
		MD2: None	Type: Numeric

N Prcnt   DRUG TEST RESULTS #2

N	Prcnt	
3989	89.6	000. Not Tested For Drugs
0	0.0	001. 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.
		- . Phencylidine (PCP)
0	0.0	795.

N	Prcnt	Var 326 DRUG TEST RESULTS #2
0	0.0	800.
		- . Anabolic Steroid
0	0.0	895.
0	0.0	900.
		- . Inhalant Drug
0	0.0	995.
7	0.2	996. Other Drug
4	0.1	997. Tested For Drugs, Results Unknown
0	0.0	998. Tested For Drugs, Drugs Found, Type Unknown
430	9.7	999. Unknown if Tested for Drugs

Variable 327	**DRUG TEST TYPE #3**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	DRUG TEST TYPE #3
4005	90.0	0. Not Tested For Drugs
8	0.2	1. Blood Test
2	0.0	2. Urine Test
2	0.0	3. Both: Blood and Urine
4	0.1	7. Unknown Test Type
0	0.0	8. Other Type Test
430	9.7	9. Unknown if Tested for Drugs

Variable 328	**DRUG TEST RESULTS #3**	MD1:	999	Field Width:	3
		MD2:	None	Type:	Numeric

N	Prcnt	DRUG TEST RESULTS #3
4005	90.0	000. Not Tested For Drugs
0	0.0	001. 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.

N	Prcnt	Var 328 DRUG TEST RESULTS #3
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.
2	0.0	996. Other Drug
3	0.1	997. Tested For Drugs, Results Unknown
1	0.0	998. Tested For Drugs, Drugs Found, Type Unknown
430	9.7	999. Unknown if Tested for Drugs

Variable 329	OCCUPANT INJURY SEVERITY	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	OCCUPANT INJURY SEVERITY
2596	58.3	0. 0 - no injury
531	11.9	1. C - possible injury
439	9.9	2. B - nonincapacitating evident injury
261	5.9	3. A - incapacitating injury
539	12.1	4. K - fatal injury
9	0.2	5. Injured, severity unknown
1	0.0	6. Died prior to accident
75	1.7	9. Unknown

Variable 330	OCC TAKEN TO HOSPITAL	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	TAKEN TO HOSPITAL OR TREATMENT FACILITY
3144	70.6	0. No
1121	25.2	1. Yes
186	4.2	9. Unknown

Variable 331	OCC DEATH DATE - MONTH	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	OCC DEATH DATE - MONTH
3853	86.6	00. Not applicable
40	0.9	01. January
28	0.6	02. February
47	1.1	03. March
35	0.8	04. April
39	0.9	05. May
46	1.0	06. June
62	1.4	07. July
59	1.3	08. August
55	1.2	09. September
45	1.0	10. October
45	1.0	11. November
37	0.8	12. December
60	1.3	99. Unknown

Variable 332	OCC DEATH DATE - DAY	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	OCC DEATH DATE - DAY
3853	86.6	00. Not applicable
18	0.4	01.
		- . Day of month
6	0.1	31.
60	1.3	99. Unknown

Variable 333	OCC DEATH DATE - YEAR	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	OCC DEATH DATE - YEAR
3853	86.6	00. Not applicable
538	12.1	93. 1993
60	1.3	99. Unknown

Variable 334	OCC DEATH TIME - HOURS	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	OCC DEATH TIME - HOURS
3859	86.7	00. 12:01 am - 12:59 am
13	0.3	01. 1:00 am - 1:59 am
20	0.4	02. 2:00 am - 2:59 am
15	0.3	03. 3:00 am - 3:59 am
20	0.4	04. 4:00 am - 4:59 am
20	0.4	05. 5:00 am - 5:59 am
32	0.7	06. 6:00 am - 6:59 am
35	0.8	07. 7:00 am - 7:59 am
20	0.4	08. 8:00 am - 8:59 am
33	0.7	09. 9:00 am - 9:59 am
38	0.9	10. 10:00 am - 10:59 am
32	0.7	11. 11:00 am - 11:59 am
29	0.7	12. 12:00 pm - 12:59 pm
34	0.8	13. 1:00 pm - 1:59 pm
39	0.9	14. 2:00 pm - 2:59 pm
28	0.6	15. 3:00 pm - 3:59 pm
18	0.4	16. 4:00 pm - 4:59 pm
17	0.4	17. 5:00 pm - 5:59 pm
12	0.3	18. 6:00 pm - 6:59 pm
12	0.3	19. 7:00 pm - 7:59 pm
12	0.3	20. 8:00 pm - 8:59 pm
11	0.2	21. 9:00 pm - 9:59 pm
14	0.3	22. 10:00 pm - 10:59 pm
11	0.2	23. 11:00 pm - 11:59 pm
77	1.7	99. Unknown

Variable 335	OCC DEATH TIME - MINUTES	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	OCC DEATH TIME - MINUTES
3927	88.2	00.
		- . Minute
6	0.1	59.
77	1.7	99. Unknown

Variable 336	LAG TIME ACC/DEATH - HRS	MD1:	9	Field Width:	3
		MD2:	None	Type:	Numeric

N	Prcnt	LAG TIME ACC/DEATH - HRS
381	8.6	000.
		- . Actual time in hours
0	0.0	612.

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```
N Prcnt   Var 336  LAG TIME ACC/DEATH - HRS

3931  88.3    999. Unknown
```

Variable 342	OCC FATAL INJURY AT WORK	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

```
   N Prcnt   OCC FATAL INJURY AT WORK

   75   1.7    0. No
  392   8.8    1. Yes
 3852  86.5    8. Not Applicable (not a fatality)
  132   3.0    9. Unknown
```

```
┌─────────────────────────────────────────────────────────────────┐
│                     The SURVEY Variables                          │
│                                                                   │
│   Information in variables 1001 through 1065 was collected by     │
│   the TIFA interview.  Some cases had a matching MCS 50-T form     │
│   (see Variable 1065) and, in those cases, the information on      │
│   the form was used.                                              │
└─────────────────────────────────────────────────────────────────┘
```

Variable 1001   **POWER UNIT MAKE**   MD1:   99   Field Width: 2
                                             MD2:   None   Type: Numeric

  N Prcnt   POWER UNIT MAKE

  22   0.5   01. Autocar
 138   3.1   02. Chevrolet
  33   0.7   03. Dodge
 563 12.6   04. Ford
 629 14.1   05. Freightliner
 218   4.9   06. GMC
 927 20.8   07. International
  30   0.7   08. Isuzu
 458 10.3   09. Kenworth
 482 10.8   10. Mack
   9   0.2   11. Mercedes Benz
   9   0.2   12. Mitsubishi Fuso
   7   0.2   13. Nissan/UD
 430   9.7   14. Peterbilt
  14   0.3   15. Volvo
  35   0.8   16. Western Star
 115   2.6   17. White
 158   3.5   18. WhiteGMC
  73   1.6   97. Other
 101   2.3   99. Unknown

Variable 1002   **POWER UNIT YEAR**   MD1:   99   Field Width: 2
                                             MD2:   None   Type: Numeric

  N Prcnt   POWER UNIT YEAR

   1   0.0   49. 1949
   1   0.0   54. 1954
   1   0.0   56. 1956
   1   0.0   57. 1957
   1   0.0   58. 1958
   1   0.0   60. 1960
   3   0.1   61. 1961
   2   0.0   62. 1962
   5   0.1   63. 1963

N	Prcnt	Var 1002 POWER UNIT YEAR
5	0.1	64. 1964
7	0.2	65. 1965
3	0.1	66. 1966
5	0.1	67. 1967
7	0.2	68. 1968
21	0.5	69. 1969
13	0.3	70. 1970
22	0.5	71. 1971
26	0.6	72. 1972
56	1.3	73. 1973
46	1.0	74. 1974
34	0.8	75. 1975
44	1.0	76. 1976
93	2.1	77. 1977
85	1.9	78. 1978
150	3.4	79. 1979
132	3.0	80. 1980
112	2.5	81. 1981
99	2.2	82. 1982
116	2.6	83. 1983
254	5.7	84. 1984
313	7.0	85. 1985
255	5.7	86. 1986
289	6.5	87. 1987
354	8.0	88. 1988
397	8.9	89. 1989
375	8.4	90. 1990
303	6.8	91. 1991
304	6.8	92. 1992
351	7.9	93. 1993
60	1.3	94. 1994
104	2.3	99. Unknown

Variable 1003 **CAB STYLE**	MD1:	9	Field Width:	1
	MD2:	None	Type:	Numeric

N	Prcnt	CAB STYLE
3200	71.9	1. Conventional
1149	25.8	2. Cabover or cab-forward
102	2.3	9. Unknown

Variable 1004	**SLEEPER**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	SLEEPER
1815	40.8	1. Yes
2374	53.3	2. No
262	5.9	9. Unknown

Variable 1005	**FUEL TYPE**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	FUEL TYPE
333	7.5	1. Gasoline
3996	89.8	2. Diesel
15	0.3	4. Other
107	2.4	9. Unknown

Variable 1006	**TRUCK MODEL**	MD1:	None	Field Width:	10
		MD2:	None	Type:	Alphabetic

TRUCK MODEL NAME OR NUMBER

N	Prcnt	TRUCK MODEL	
3	0.0	ACL64	.
		-	. Model name or number
26	0.1	9700	.

Variable 1007	**POWER UNIT TYPE**	MD1:	0	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	POWER UNIT TYPE
1393	31.3	1. Straight truck
2971	66.7	8. Tractor
87	2.0	9. Unknown

Variable 1008	**STRT. TRUCK BODY STYLE**	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	STRAIGHT TRUCK BODY STYLE
2971	66.7	00. Not applicable (tractor)
254	5.7	01. Van
1	0.0	02. Open top van
63	1.4	03. Refrigerated van
5	0.1	04. Livestock carrier
86	1.9	05. Flatbed
0	0.0	06. Lowboy
36	0.8	07. Flatbed with equipment
72	1.6	08. Flatbed with sides
12	0.3	09. Pole/logging
86	1.9	10. Tank: liquid/gas
0	0.0	11. Tank: dry bulk
18	0.4	12. Auto carrier
386	8.7	13. Dump
2	0.0	14. Bottom dump/hopper bottom
125	2.8	15. Garbage/refuse
243	5.5	16. Other
91	2.0	99. Unknown

Variable 1009	**POWER UNIT OTHER**	MD1:	None	Field Width:	10
		MD2:	None	Type:	Alphabetic

SPECIFIC OTHER BODY STYLE

N	Prcnt	POWER UNIT OTHER
2	0.0	Boom .
		- . Specific body style
29	0.1	Wrecker .

Variable 1010	**POWER UNIT NO. OF AXLES**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	POWER UNIT NUMBER OF AXLES
1165	26.2	2. 2 axles
3108	69.8	3. 3 axles
71	1.6	4. 4 axles
7	0.2	5. 5 axles
2	0.0	6. 6 axles
98	2.2	9. Unknown

| Variable 1011 | **POWER UNIT LIFT AXLES** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

NUMBER OF POWER UNIT LIFT AXLES

N	Prcnt	POWER UNIT LIFT AXLES
4287	96.3	0. None
58	1.3	1. 1 lift axle
4	0.1	2. 2 lift axles
1	0.0	3. 3 lift axles
101	2.3	9. Unknown

| Variable 1012 | **POWER UNIT LENGTH** | MD1: | 999 | Field Width: | 3 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	POWER UNIT LENGTH
2	0.0	014. 14 feet
7	0.2	015. 15 feet
30	0.7	016. 16 feet
63	1.4	017. 17 feet
166	3.7	018. 18 feet
248	5.6	019. 19 feet
507	11.4	020. 20 feet
370	8.3	021. 21 feet
428	9.6	022. 22 feet
327	7.3	023. 23 feet
467	10.5	024. 24 feet
489	11.0	025. 25 feet
267	6.0	026. 26 feet
210	4.7	027. 27 feet
246	5.5	028. 28 feet
81	1.8	029. 29 feet
139	3.1	030. 30 feet
43	1.0	031. 31 feet
73	1.6	032. 32 feet
36	0.8	033. 33 feet
39	0.9	034. 34 feet
41	0.9	035. 35 feet
7	0.2	036. 36 feet
8	0.2	037. 37 feet
12	0.3	038. 38 feet
4	0.1	040. 40 feet
2	0.0	041. 41 feet
1	0.0	042. 42 feet
2	0.0	045. 45 feet
1	0.0	050. 50 feet
135	3.0	999. Unknown

Variable 1013   **POWER UNIT CARGO WEIGHT**   MD1: 999999   Field Width: 6

                                                MD2: None   Type: Numeric

N	Prcnt	POWER UNIT CARGO WEIGHT
498	11.2	000000.
		- . Weight in pounds
0	0.0	999995.
2953	66.3	999996. Not applicable (tractors without cargo)
96	2.2	999997. Some cargo (weight unknown)
25	0.6	999998. Full (weight unknown)
121	2.7	999999. Unknown

Variable 1014   **POWER UNIT EMPTY WEIGHT**   MD1: 999999   Field Width: 6

                                                MD2: None   Type: Numeric

N	Prcnt	POWER UNIT EMPTY WEIGHT
0	0.0	000000.
		- . Weight in pounds
0	0.0	999997.
142	3.2	999999. Unknown

Variable 1015   **POWER UNIT CARGO**   MD1:   99   Field Width: 2

                                                MD2: None   Type: Numeric

N	Prcnt	POWER UNIT CARGO
498	11.2	00. Empty
150	3.4	01. General freight
27	0.6	02. Household goods
30	0.7	03. Building materials
7	0.2	04. Metal: coils, sheets, etc
6	0.1	05. Heavy machinery
13	0.3	06. Large objects
18	0.4	07. Motor vehicles
32	0.7	08. Piggyback/towaway
13	0.3	09. Gases in bulk
308	6.9	10. Solids in bulk
60	1.3	11. Liquids in bulk
4	0.1	12. Explosives
25	0.6	13. Logs/poles/lumber
51	1.1	14. Refrigerated food
0	0.0	15. Mobile home
36	0.8	16. Farm products
7	0.2	17. Live animals
108	2.4	18. Other
2953	66.3	98. Not applicable (not a straight truck)
105	2.4	99. Unknown

| Variable 1016 | **POWER UNIT HAZ. CARGO** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

POWER UNIT HAZARDOUS CARGO

N	Prcnt	
67	1.5	1. Hazardous cargo
1338	30.1	2. Nonhazardous cargo
2953	66.3	8. Not applicable (not a straight truck)
93	2.1	9. Unknown

| Variable 1017 | **1ST TRAILER TYPE** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

1ST TRAILER TYPE

N	Prcnt	
2813	63.2	1. Semitrailer
48	1.1	2. Full trailer
128	2.9	3. Other
1375	30.9	4. None
87	2.0	9. Unknown

| Variable 1018 | **1ST TRAILER NO. OF AXLES** | MD1: | 99 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

1ST TRAILER NUMBER OF AXLES

N	Prcnt	
220	4.9	01. 1 axle
2633	59.2	02. 2 axles
98	2.2	03. 3 axles
19	0.4	04. 4 axles
4	0.1	05. 5 axles
1	0.0	06. 6 axles
14	0.3	09. Unknown
87	2.0	97. Unknown if had 1st trailer
1375	30.9	98. Not applicable (no 1st trailer)

| Variable 1019 | **1ST TRAILER LIFT AXLES** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

NUMBER OF 1ST TRAILER LIFT AXLES

1ST TRAILER LIFT AXLES

N	Prcnt	
2956	66.4	0. None
15	0.3	1. 1 lift axle
1	0.0	2. 2 lift axles
1	0.0	4. 4 lift axles

      N Prcnt   Var 1019 1ST TRAILER LIFT AXLES

     87   2.0   7. Unknown if had 1st trailer
   1375 30.9   8. Not applicable (no 1st trailer)
     16   0.4   9. Unknown

Variable 1020	1ST TRAILER EMPTY WEIGHT	MD1: 999999	Field Width: 6
		MD2: None	Type: Numeric

      N Prcnt   1ST TRAILER EMPTY WEIGHT

      0   0.0   000000.
                 -     . Weight in pounds
      0   0.0   999995.
     87   2.0   999996. Unknown if had 1st trailer
   1375 30.9   999998. Not applicable (no 1st trailer)
     65   1.5   999999. Unknown

Variable 1021	1ST TRAILER CARGO WEIGHT	MD1: 999999	Field Width: 6
		MD2: None	Type: Numeric

      N Prcnt   1ST TRAILER CARGO WEIGHT

    846 19.0   000000.
                 -     . Weight in pounds
      0   0.0   999993.
     87   2.0   999994. Unknown if had 1st trailer
   1375 30.9   999996. Not applicable (no 1st trailer)
    130   2.9   999997. Some cargo (weight unknown)
     76   1.7   999998. Full (weight unknown)
     39   0.9   999999. Unknown

Variable 1022	1ST TRAILER LENGTH	MD1: 999	Field Width: 3
		MD2: None	Type: Numeric

      N Prcnt   1ST TRAILER LENGTH

      1   0.0   003. 3 feet
      2   0.0   004. 4 feet
      2   0.0   006. 6 feet
      2   0.0   007. 7 feet
      6   0.1   008. 8 feet
      2   0.0   010. 10 feet
      3   0.1   011. 11 feet
      5   0.1   012. 12 feet
      2   0.0   013. 13 feet
      4   0.1   014. 14 feet

N	Prcnt	Var 1022	1ST TRAILER LENGTH
11	0.2	015.	15 feet
8	0.2	016.	16 feet
2	0.0	017.	17 feet
9	0.2	018.	18 feet
5	0.1	019.	19 feet
41	0.9	020.	20 feet
5	0.1	021.	21 feet
18	0.4	022.	22 feet
6	0.1	023.	23 feet
37	0.8	024.	24 feet
14	0.3	025.	25 feet
25	0.6	026.	26 feet
21	0.5	027.	27 feet
148	3.3	028.	28 feet
16	0.4	029.	29 feet
64	1.4	030.	30 feet
7	0.2	031.	31 feet
49	1.1	032.	32 feet
10	0.2	033.	33 feet
25	0.6	034.	34 feet
34	0.8	035.	35 feet
26	0.6	036.	36 feet
15	0.3	037.	37 feet
55	1.2	038.	38 feet
14	0.3	039.	39 feet
361	8.1	040.	40 feet
16	0.4	041.	41 feet
197	4.4	042.	42 feet
31	0.7	043.	43 feet
37	0.8	044.	44 feet
475	10.7	045.	45 feet
31	0.7	046.	46 feet
11	0.2	047.	47 feet
865	19.4	048.	48 feet
6	0.1	049.	49 feet
27	0.6	050.	50 feet
2	0.0	051.	51 feet
9	0.2	052.	52 feet
156	3.5	053.	53 feet
3	0.1	054.	54 feet
1	0.0	055.	55 feet
4	0.1	057.	57 feet
4	0.1	060.	60 feet
1	0.0	065.	65 feet
3	0.1	070.	70 feet
1	0.0	075.	75 feet
87	2.0	994.	Unknown if had 1st trailer
1375	30.9	996.	Not applicable (no 1st trailer)
8	0.2	997.	Short (estimated under 35 feet)
25	0.6	998.	Long (estimated 35 feet and over)
21	0.5	999.	Unknown

Variable 1023	**1ST TRAILER BODY**	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   1ST TRAILER BODY STYLE

N	Prcnt	
1462	32.8	00. None or unknown if had 1st trailer
1093	24.6	01. Van
20	0.4	02. Open top van
364	8.2	03. Refrigerated van
51	1.1	04. Livestock carrier
486	10.9	05. Flatbed
54	1.2	06. Lowboy
12	0.3	07. Flatbed with equipment
58	1.3	08. Flatbed with sides
108	2.4	09. Pole/logging
235	5.3	10. Tank: liquid/gas
39	0.9	11. Tank: dry bulk
22	0.5	12. Auto carrier
261	5.9	13. Dump
78	1.8	14. Bottom dump/hopper bottom
5	0.1	15. Garbage/refuse
95	2.1	16. Other
8	0.2	99. Unknown

Variable 1024	**1ST TRAILER OTHER BODY**	MD1:	None	Field Width:	10
		MD2:	None	Type:	Alphabetic

SPECIFIC OTHER BODY STYLE

N Prcnt   1ST TRAILER OTHER BODY

N	Prcnt	
1	0.0	Arrow sign.
		- . Specific body style
1	0.0	Vacuum .

Variable 1025	**1ST TRAILER CARGO**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N Prcnt   1ST TRAILER CARGO TYPE

N	Prcnt	
846	19.0	00. Empty
768	17.3	01. General freight
19	0.4	02. Household goods
67	1.5	03. Building materials
140	3.1	04. Metal: coils, sheets, etc
73	1.6	05. Heavy machinery
62	1.4	06. Large objects
23	0.5	07. Motor vehicles
0	0.0	08. Piggyback/towaway

N	Prcnt	Var 1025 1ST TRAILER CARGO
13	0.3	09. Gases in bulk
283	6.4	10. Solids in bulk
134	3.0	11. Liquids in bulk
1	0.0	12. Explosives
143	3.2	13. Logs/poles/lumber
241	5.4	14. Refrigerated food
11	0.2	15. Mobile home
72	1.6	16. Farm products
39	0.9	17. Live animals
11	0.2	18. Other
87	2.0	96. Unknown if had 1st trailer
1375	30.9	98. Not applicable (no 1st trailer)
43	1.0	99. Unknown

Variable 1026	1ST TRAILER HAZ. CARGO	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	1ST TRAILER HAZARDOUS CARGO
110	2.5	1. Hazardous cargo
2863	64.3	2. Nonhazardous cargo
87	2.0	6. Unknown if had 1st trailer
1375	30.9	8. Not applicable (no 1st trailer)
16	0.4	9. Unknown

Variable 1027	2ND TRAILER TYPE	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	2ND TRAILER TYPE
123	2.8	1. Semitrailer
54	1.2	2. Full trailer
1	0.0	3. Other
4186	94.0	4. None
87	2.0	9. Unknown

Variable 1028	2ND TRAILER NO. OF AXLES	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	2ND TRAILER NUMBER OF AXLES
2	0.0	01. 1 axle
157	3.5	02. 2 axles
5	0.1	03. 3 axles
9	0.2	04. 4 axles

N	Prcnt	Var 1028 2ND TRAILER NO. OF AXLES
4	0.1	05. 5 axles
1	0.0	09. Unknown
87	2.0	97. Unknown if had 2nd trailer
4186	94.0	98. Not applicable (no 2nd trailer)

Variable 1029	2ND TRAILER LIFT AXLES	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

NUMBER OF 2ND TRAILER LIFT AXLES

N	Prcnt	2ND TRAILER LIFT AXLES
175	3.9	0. None
1	0.0	1. 1 lift axle
87	2.0	7. Unknown if had 2nd trailer
4186	94.0	8. Not applicable (no 2nd trailer)
2	0.0	9. Unknown

Variable 1030	2ND TRAILER EMPTY WEIGHT	MD1: 999999	Field Width: 6
		MD2: None	Type: Numeric

N	Prcnt	2ND TRAILER EMPTY WEIGHT
0	0.0	000000.
		- . Weight in pounds
0	0.0	999995.
87	2.0	999996. Unknown if had 2nd trailer
4186	94.0	999998. Not applicable (no 2nd trailer)
6	0.1	999999. Unknown

Variable 1031	2ND TRAILER CARGO WEIGHT	MD1: 999999	Field Width: 6
		MD2: None	Type: Numeric

N	Prcnt	2ND TRAILER CARGO WEIGHT
45	1.0	000000.
		- . Weight in pounds
0	0.0	999993.
87	2.0	999994. Unknown if had 2nd trailer
4186	94.0	999996. Not applicable (no 2nd trailer)
20	0.4	999997. Some cargo (weight unknown)
9	0.2	999998. Full (weight unknown)
2	0.0	999999. Unknown

Variable 1032	2ND TRAILER LENGTH	MD1:	999	Field Width:	3
		MD2:	None	Type:	Numeric

N	Prcnt	2ND TRAILER LENGTH
1	0.0	010. 10 feet
1	0.0	014. 14 feet
1	0.0	017. 17 feet
2	0.0	018. 18 feet
2	0.0	019. 19 feet
17	0.4	020. 20 feet
4	0.1	021. 21 feet
10	0.2	022. 22 feet
1	0.0	023. 23 feet
18	0.4	024. 24 feet
4	0.1	025. 25 feet
7	0.2	026. 26 feet
9	0.2	027. 27 feet
83	1.9	028. 28 feet
2	0.0	029. 29 feet
5	0.1	030. 30 feet
2	0.0	032. 32 feet
1	0.0	035. 35 feet
1	0.0	045. 45 feet
1	0.0	048. 48 feet
87	2.0	994. Unknown if had 2nd trailer
4186	94.0	996. Not applicable (no 2nd trailer)
4	0.1	997. Short (estimated under 35 feet)
1	0.0	998. Long (estimated 35 feet and over)
1	0.0	999. Unknown

Variable 1033	2ND TRAILER BODY	MD1:	9	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	2ND TRAILER BODY STYLE
4273	96.0	00. None or unknown if had 2nd trailer
85	1.9	01. Van
1	0.0	02. Open top van
3	0.1	03. Refrigerated van
0	0.0	04. Livestock carrier
31	0.7	05. Flatbed
1	0.0	06. Lowboy
0	0.0	07. Flatbed with equipment
7	0.2	08. Flatbed with sides
0	0.0	09. Pole/logging
7	0.2	10. Tank: liquid/gas
9	0.2	11. Tank: dry bulk
0	0.0	12. Auto carrier
11	0.2	13. Dump
19	0.4	14. Bottom dump/hopper bottom

N Prcnt   Var 1033 2ND TRAILER BODY

```
0   0.0      15. Garbage/refuse
4   0.1      16. Other
0   0.0      99. Unknown
```

Variable 1034 **2ND TRAILER OTHER BODY**   MD1:   None   Field Width: 10
                                            MD2:   None   Type: Alphabetic

SPECIFIC OTHER BODY STYLE

N Prcnt   2ND TRAILER OTHER BODY

```
1   0.0      Chip Van  .
             -          . Specific body style
1   0.0      Tomato tub.
```

Variable 1035 **2ND TRAILER CARGO**   MD1:   99   Field Width: 2
                                        MD2: None   Type: Numeric

N Prcnt   2ND TRAILER CARGO TYPE

```
  45   1.0     00. Empty
  74   1.7     01. General freight
   0   0.0     02. Household goods
   2   0.0     03. Building materials
   4   0.1     04. Metal: coils, sheets, etc
   3   0.1     05. Heavy machinery
   8   0.2     06. Large objects
   0   0.0     07. Motor vehicles
   0   0.0     08. Piggyback/towaway
   0   0.0     09. Gases in bulk
  25   0.6     10. Solids in bulk
   5   0.1     11. Liquids in bulk
   0   0.0     12. Explosives
   1   0.0     13. Logs/poles/lumber
   2   0.0     14. Refrigerated food
   0   0.0     15. Mobile home
   5   0.1     16. Farm products
   1   0.0     17. Live animals
   1   0.0     18. Other
  87   2.0     96. Unknown if had 2nd trailer
4186  94.0     98. Not applicable (no 2nd trailer)
   2   0.0     99. Unknown
```

| Variable 1036 | **2ND TRAILER HAZ. CARGO** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	2ND TRAILER HAZARDOUS CARGO
9	0.2	1. Hazardous cargo
168	3.8	2. Nonhazardous cargo
87	2.0	6. Unknown if had 2nd trailer
4186	94.0	8. Not applicable (no 2nd trailer)
1	0.0	9. Unknown

| Variable 1037 | **3RD TRAILER TYPE** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	3RD TRAILER TYPE
1	0.0	1. Semitrailer
0	0.0	2. Full trailer
0	0.0	3. Other
4363	98.0	4. None
87	2.0	9. Unknown

| Variable 1038 | **3RD TRAILER NO. OF AXLES** | MD1: | 99 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	3RD TRAILER NUMBER OF AXLES
1	0.0	02. 2 axles
0	0.0	09. Unknown
87	2.0	97. Unknown if had 3rd trailer
4363	98.0	98. Not applicable (no 3rd trailer)

| Variable 1039 | **3RD TRAILER LIFT AXLES** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

NUMBER OF 3RD TRAILER LIFT AXLES

N	Prcnt	3RD TRAILER LIFT AXLES
1	0.0	0. None
87	2.0	7. Unknown if had 3rd trailer
4363	98.0	8. Not applicable (no 3rd trailer)
0	0.0	9. Unknown

Variable 1040   3RD TRAILER EMPTY WEIGHT   MD1: 999999   Field Width: 6
                                                MD2:   None   Type: Numeric

---

N	Prcnt	3RD TRAILER EMPTY WEIGHT
0	0.0	000000.
		- . Weight in pounds
0	0.0	999995.
87	2.0	999996. Unknown if had 3rd trailer
4363	98.0	999998. Not applicable (no 3rd trailer)
0	0.0	999999. Unknown

Variable 1041   3RD TRAILER CARGO WEIGHT   MD1: 999999   Field Width: 6
                                                MD2:   None   Type: Numeric

---

N	Prcnt	3RD TRAILER CARGO WEIGHT
0	0.0	000000.
		- . Weight in pounds
0	0.0	999993.
87	2.0	999994. Unknown if had 3rd trailer
4363	98.0	999996. Not applicable (no 3rd trailer)
0	0.0	999997. Some cargo (weight unknown)
0	0.0	999998. Full (weight unknown)
0	0.0	999999. Unknown

Variable 1042   3RD TRAILER LENGTH   MD1:   999   Field Width: 3
                                                MD2:   None   Type: Numeric

---

N	Prcnt	3RD TRAILER LENGTH
1	0.0	028. 28 feet
87	2.0	994. Unknown if had 3rd trailer
4363	98.0	996. Not applicable (no 3rd trailer)
0	0.0	997. Short (estimated under 35 feet)
0	0.0	998. Long (estimated 35 feet and over)
0	0.0	999. Unknown

Variable 1043   3RD TRAILER BODY   MD1:   9   Field Width: 2
                                                MD2:   None   Type: Numeric

---

N	Prcnt	3RD TRAILER BODY STYLE
4450	100.0	00. None or unknown if had 3rd trailer
1	0.0	01. Van
0	0.0	02. Open top van
0	0.0	03. Refrigerated van

N Prcnt   Var 1043   3RD TRAILER BODY

N	Prcnt		
0	0.0	04.	Livestock carrier
0	0.0	05.	Flatbed
0	0.0	06.	Lowboy
0	0.0	07.	Flatbed with equipment
0	0.0	08.	Flatbed with sides
0	0.0	09.	Pole/logging
0	0.0	10.	Tank: liquid/gas
0	0.0	11.	Tank: dry bulk
0	0.0	12.	Auto carrier
0	0.0	13.	Dump
0	0.0	14.	Bottom dump/hopper bottom
0	0.0	15.	Garbage/refuse
0	0.0	16.	Other
0	0.0	99.	Unknown

Variable 1044   **3RD TRAILER OTHER BODY**   MD1:   None   Field Width: 10
                                              MD2:   None   Type: Alphabetic

SPECIFIC OTHER BODY STYLE

N Prcnt   3RD TRAILER OTHER BODY

0   0.0   .

Variable 1045   **3RD TRAILER CARGO**   MD1:   99   Field Width: 2
                                          MD2:   None   Type: Numeric

N Prcnt   3RD TRAILER CARGO TYPE

N	Prcnt		
0	0.0	00.	Empty
1	0.0	01.	General freight
0	0.0	02.	Household goods
0	0.0	03.	Building materials
0	0.0	04.	Metal: coils, sheets, etc
0	0.0	05.	Heavy machinery
0	0.0	06.	Large objects
0	0.0	07.	Motor vehicles
0	0.0	08.	Piggyback/towaway
0	0.0	09.	Gases in bulk
0	0.0	10.	Solids in bulk
0	0.0	11.	Liquids in bulk
0	0.0	12.	Explosives
0	0.0	13.	Logs/poles/lumber
0	0.0	14.	Refrigerated food
0	0.0	15.	Mobile home
0	0.0	16.	Farm products
0	0.0	17.	Live animals

```
       N Prcnt   Var 1045  3RD TRAILER CARGO

       0   0.0     18. Other
      87   2.0     96. Unknown if had 3rd trailer
    4363  98.0     98. Not applicable (no 3rd trailer)
       0   0.0     99. Unknown
```

Variable 1046 3RD TRAILER HAZ. CARGO   MD1:   9   Field Width: 1
                                           MD2:   None   Type: Numeric

```
       N Prcnt   3RD TRAILER HAZARDOUS CARGO

       0   0.0     1. Hazardous cargo
       1   0.0     2. Nonhazardous cargo
      87   2.0     6. Unknown if had 3rd trailer
    4363  98.0     8. Not applicable (no 3rd trailer)
       0   0.0     9. Unknown
```

Variable 1047 VEHICLE COMPONENTS   MD1:   None   Field Width: 10
                                           MD2:   None   Type: Alphabetic

VEHICLE CONFIGURATION BY UNIT

```
       N Prcnt   VEHICLE COMPONENTS

      87   1.9   Unspec/Unk  .
    1235  27.7   R           .
                 -           . Unit descriptor codes
       1   0.0   TT          .
```

Variable 1048 VEHICLE COMBINATION CODE   MD1:   0   Field Width: 2
                                           MD2:   None   Type: Numeric

```
       N Prcnt   VEHICLE COMBINATION CODE

    1235  27.7     01. Straight truck only
      48   1.1     02. Straight truck & full trailer
      89   2.0     03. Straight truck & other (nonfull trailer)
      18   0.4     04. Straight truck & other trailer with gooseneck hitch
     124   2.8     07. Bobtail tractor
      16   0.4     08. Tractor carrying cargo
    2635  59.2     09. Tractor & semitrailer
      13   0.3     10. Tractor & other (nonsemitrailer)
     113   2.5     11. Tractor & semitrailer & A-dolly & semitrailer
       6   0.1     12. Tractor & semitrailer & B-dolly & semitrailer
      54   1.2     13. Tractor & semitrailer & full trailer
       1   0.0     15. Tractor & 3 trailers
       2   0.0     20. Tractor & semitrailer & jeep
       3   0.1     21. Straight truck towing straight truck *
       1   0.0     22. Tractor towing tractor *
```

N Prcnt   Var 1048 VEHICLE COMBINATION CODE

N	Prcnt	
2	0.0	23. Tractor & A-dolly
2	0.0	24. Tractor towing straight truck *
1	0.0	25. Tractor & jeep & semitrailer
1	0.0	26. Tractor & semitrailer with unk. dolly & semitrailer
87	2.0	99. Unknown

* Towed units with all wheels on ground

Variable 1049	NUMBER OF TRAILERS	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	NUMBER OF TRAILERS
1375	30.9	0. No trailer
2811	63.2	1. 1 trailer
177	4.0	2. 2 trailers
1	0.0	3. 3 trailers
87	2.0	9. Unknown

Variable 1050	TIFA GVWR	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	TIFA GVWR
0	0.0	1. 6,000 lbs. or less
0	0.0	2. 6,001 - 10,000 lbs.
169	3.8	3. 10,001 - 14,000 lbs.
67	1.5	4. 14,001 - 16,000 lbs.
33	0.7	5. 16,001 - 19,500 lbs.
175	3.9	6. 19,501 - 26,000 lbs.
372	8.4	7. 26,001 - 33,000 lbs.
3392	76.2	8. 33,001 lbs. or more
243	5.5	9. Unknown

Variable 1051	EMPTY COMBINATION WEIGHT	MD1:	999999	Field Width:	6
		MD2:	None	Type:	Numeric

N	Prcnt	EMPTY COMBINATION WEIGHT
0	0.0	000000.
		- . Weight in pounds
1	0.0	999998.
184	4.1	999999. Unknown

Variable 1052 **GROSS WEIGHT**   MD1: 999999   Field Width: 6
                                                   MD2:   None   Type: Numeric

N	Prcnt	GROSS WEIGHT
0	0.0	000000.
		- . Weight in pounds
0	0.0	999998.
485	10.9	999999. Unknown

Variable 1053 **TOTAL LENGTH**   MD1:   999   Field Width: 3
                                                   MD2:   None   Type: Numeric

N	Prcnt	TOTAL LENGTH
0	0.0	000.
		- . Length in feet
0	0.0	998.
169	3.8	999. Unknown

Variable 1054 **TOTAL WIDTH**   MD1:   99   Field Width: 3
                                                   MD2:   None   Type: Numeric

N	Prcnt	TOTAL WIDTH
0	0.0	000.
		- . Width in inches
0	0.0	996.
433	9.7	997. Unknown, but legal
0	0.0	998. Unknown, but overwidth
129	2.9	999. Unknown

Variable 1055 **ACTUAL CARGO**   MD1:   None   Field Width: 20
                                                   MD2:   None   Type: Alphabetic

ACTUAL CARGO CARRRIED

N	Prcnt	ACTUAL CARGO
1	0.0	Aggregate .
		- . Actual cargo
1	0.0	Zinc Ore .

| Variable 1056 | **CARGO SPILLAGE** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	CARGO SPILLAGE
4120	92.6	0. No spillage
216	4.9	1. Spillage of nonhazardous cargo
18	0.4	2. Spillage of hazardous cargo
97	2.2	9. Unknown

| Variable 1057 | **AREA OF OPERATION** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	AREA OF OPERATION
2820	63.4	1. Interstate
1314	29.5	2. Intrastate
111	2.5	6. Government owned
39	0.9	7. Daily rental
167	3.8	9. Unknown

| Variable 1058 | **OPERATING AUTHORITY** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	OPERATING AUTHORITY
1776	39.9	1. Private
2404	54.0	2. For hire
111	2.5	6. Government owned
39	0.9	7. Daily rental
121	2.7	9. Unknown

| Variable 1059 | **CARRIER TYPE** | MD1: | 9 | Field Width: | 1 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	CARRIER TYPE
827	18.6	1. Interstate private
1921	43.2	2. Interstate authorized
49	1.1	3. Interstate exempt
911	20.5	4. Intrastate private
401	9.0	5. Intrastate for hire
111	2.5	6. Government owned
39	0.9	7. Daily rental
192	4.3	9. Unknown

Variable 1060	**OWNER/OPERATOR**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	OWNER/OPERATOR
97	2.2	1. Yes
2303	51.7	2. No
2047	46.0	8. Not applicable (not for hire)
4	0.1	9. Unknown

Variable 1061	**TRIP TYPE**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	TRIP TYPE
1724	38.7	1. Local delivery
1038	23.3	2. OTR (Over-The-Road), under 200 miles
1302	29.3	3. OTR, 200 miles and over
80	1.8	4. OTR, unknown distance
307	6.9	9. Unknown

Variable 1062	**HOURS DRIVING**	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	HOURS DRIVING
943	21.2	01. 1 hour
603	13.5	02. 2 hours
386	8.7	03. 3 hours
367	8.2	04. 4 hours
288	6.5	05. 5 hours
297	6.7	06. 6 hours
166	3.7	07. 7 hours
153	3.4	08. 8 hours
61	1.4	09. 9 hours
41	0.9	10. 10 hours
9	0.2	11. 11 hours
8	0.2	12. 12 hours
6	0.1	13. 13 hours
1	0.0	14. 14 hours
1	0.0	15. 15 hours
2	0.0	16. 16 hours
2	0.0	17. 17 hours
1	0.0	20. 20 hours
1	0.0	21. 21 hours
1	0.0	22. 22 hours
36	0.8	98. Not applicable
1078	24.2	99. Unknown

Variable 1063	**INTERVIEW**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	INTERVIEW
4235	95.1	1. Yes
216	4.9	2. No
0	0.0	9. Unknown

Variable 1064	**POLICE REPORT**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	POLICE REPORT
4275	96.0	1. Yes
176	4.0	2. No
0	0.0	9. Unknown

Variable 1065	**MCS 50-T**	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

N	Prcnt	MCS 50-T
294	6.6	1. Yes
4157	93.4	2. No
0	0.0	9. Unknown

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The remaining variables 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 1066 | 1ST QUESTION DERIVED | MD1: | 0 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	1ST QUESTION DERIVED
2600	58.4	00. None
14	0.3	07. Question 7
73	1.6	08. Question 8
1341	30.1	15. Question 15
15	0.3	16. Question 16
18	0.4	17. Question 17
1	0.0	18. Question 18
209	4.7	19. Question 19
117	2.6	20. Question 20
35	0.8	26. Question 26
12	0.3	27. Question 27
16	0.4	28. Question 28

| Variable 1067 | 2ND QUESTION DERIVED | MD1: | 0 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	2ND QUESTION DERIVED
3060	68.7	00. None
1	0.0	07. Question 7
6	0.1	08. Question 8
43	1.0	15. Question 15
970	21.8	16. Question 16
8	0.2	17. Question 17
20	0.4	18. Question 18
103	2.3	19. Question 19
224	5.0	20. Question 20
5	0.1	26. Question 26
10	0.2	27. Question 27
1	0.0	28. Question 28

Variable 1068	**3RD QUESTION DERIVED**	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	3RD QUESTION DERIVED
3474	78.0	00. None
1	0.0	07. Question 7
4	0.1	08. Question 8
9	0.2	15. Question 15
35	0.8	16. Question 16
129	2.9	17. Question 17
629	14.1	18. Question 18
74	1.7	19. Question 19
71	1.6	20. Question 20
9	0.2	26. Question 26
14	0.3	27. Question 27
2	0.0	28. Question 28

Variable 1069	**4TH QUESTION DERIVED**	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	4TH QUESTION DERIVED
4137	92.9	00. None
1	0.0	07. Question 7
3	0.1	08. Question 8
4	0.1	15. Question 15
8	0.2	16. Question 16
5	0.1	17. Question 17
44	1.0	18. Question 18
120	2.7	19. Question 19
99	2.2	20. Question 20
1	0.0	21. Question 21
17	0.4	26. Question 26
10	0.2	27. Question 27
2	0.0	28. Question 28

Variable 1070	**5TH QUESTION DERIVED**	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	5TH QUESTION DERIVED
4296	96.5	00. None
3	0.1	08. Question 8
1	0.0	16. Question 16
5	0.1	17. Question 17
6	0.1	18. Question 18
12	0.3	19. Question 19
115	2.6	20. Question 20

N	Prcnt	Var 1070 5TH QUESTION DERIVED
1	0.0	21. Question 21
1	0.0	26. Question 26
11	0.2	27. Question 27

Variable 1071	**6TH QUESTION DERIVED**	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	6TH QUESTION DERIVED
4411	99.1	00. None
2	0.0	07. Question 7
2	0.0	08. Question 8
4	0.1	18. Question 18
2	0.0	19. Question 19
10	0.2	20. Question 20
1	0.0	21. Question 21
1	0.0	23. Question 23
11	0.2	26. Question 26
6	0.1	27. Question 27
1	0.0	28. Question 28

Variable 1072	**7TH QUESTION DERIVED**	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	7TH QUESTION DERIVED
4444	99.8	00. None
1	0.0	08. Question 8
2	0.0	20. Question 20
4	0.1	26. Question 26

Variable 1073	**8TH QUESTION DERIVED**	MD1:	0	Field Width:	2
		MD2:	None	Type:	Numeric

N	Prcnt	8TH QUESTION DERIVED
4451	100.0	00. None

| Variable 1074 | **9TH QUESTION DERIVED** | MD1: | 0 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	9TH QUESTION DERIVED
4451	100.0	00. None

| Variable 1075 | **10TH QUESTION DERIVED** | MD1: | 0 | Field Width: | 2 |
| | | MD2: | None | Type: | Numeric |

N	Prcnt	10TH QUESTION DERIVED
4451	100.0	00. None

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1993
SURVEY VARIABLES

APPENDIX

CENTER FOR NATIONAL TRUCK STATISTICS
TRUCKS INVOLVED IN FATAL ACCIDENTS SURVEY

Accident Date _____ / _____ / **9 3** _____
                      Month   Day   Year

ACCIDENT IDENTIFICATION *(fill out prior to interview)*

1. FARS State Code ___ ___   State of Accident _____
                     1   2

2. FARS Case No. ___ ___ ___ ___
                  3   4   5   6

3. FARS Vehicle No. ___ ___
        '   7   8

NOTE: Put all information and calculations on this form.

POWER UNIT

4. Truck Make

Autocar	[ ]	01
Chevrolet	[ ]	02
Dodge	[ ]	03
Ford	[ ]	04
Freightliner	[ ]	05
GMC	[ ]	06
International	[ ]	07
Isuzu	[ ]	08
Kenworth	[ ]	09
Mack	[ ]	10
Mercedes	[ ]	11
Mitsubishi Fuso	[ ]	12
Nissan/UD	[ ]	13
Peterbilt	[ ]	14
Volvo	[ ]	15
Western Star	[ ]	16
White	[ ]	17
WhiteGMC	[ ]	18
Other _____	[ ]	97

    (Specify)   9-10

5. Truck Model Year: 19 ___ ___
                            11   12

6. Cab Style

    Conventional   [ ] 1
    Cab-Over-Engine/Cab Forward   [ ] 2
                                           13

7. Sleeper

    Yes   [ ] 1
    No   [ ] 2
                                           14

8. Fuel

    Gas   [ ] 1
    Diesel   [ ] 2
    Other _____   [ ] 4
            (Specify)   15

9. Truck Model _____
    (Name or No.)   *(Specify)*

    Truck Model _____ (editor)
               16 17 18 19 20 21 22 23 24 25

Page 1

10. TYPE:

POWER UNIT

Tractor [ ] 8
St. Trk. [ ] 1
                26

FIRST TRAILER

Semi [ ] 1
Full [ ] 2
Other [ ] 3
None [ ] 4

SECOND TRAILER

Semi [ ] 1
Full [ ] 2
Other [ ] 3
None [ ] 4

THIRD TRAILER

Semi [ ] 1
Full [ ] 2
Other [ ] 3
None [ ] 4

11. NO. OF AXLES IN USE:

30

27

28

29

12. NO. OF LIFT AXLES: (not in use)

34

31

32

33

13. COMBINATION CODE:

38 39 40 41 42 43 44 45 46 47

35

36

37

(Key: R=straight truck; T=tractor; S=semitrailer; F=full trailer; O=other trailer; U=unknown trailer; A=A dolly; B=B train; C=C dolly; X=unknown dolly; J=jeep)

14. **GVWR**

48 (editor)

15. EMPTY WEIGHT: (pounds)

49 50 51 52 53 54

55 56 57 58 59 60

61 62 63 64 65 66

67 68 69 70 71 72

16. What was the EMPTY COMBINATION WEIGHT?

73 74 75 76 77 78 Lbs.

17. CARGO WEIGHT: (pounds)

79 80 81 82 83 84 (% Full: ____)

85 86 87 88 89 90 (% Full: ____)

91 92 93 94 95 96 (% Full: ____)

97 98 99 100 101 102 (% Full: ____)

18. What was the TOTAL WEIGHT of the truck and any cargo at the time of the accident?

103 104 105 106 107 108 Lbs.

19. LENGTH: (feet)

109 110 111

112 113 114

115 116 117

118 119 120

(If a straight truck, what was the cargo body length? ____)

20. What was the TOTAL LENGTH of the truck, any trailers, and any cargo at the longest point?

121 122 123 Ft.

21. What was the WIDTH of the truck, trailer(s), or cargo at the widest point?

124 125 126 Inches

Revised 5/13/94.

CARGO INFORMATION

POWER UNIT

22. BODY STYLE:

Code	Body Style
00	Tractor
01	Van
02	Open top van
03	Refrigerated van
04	Livestock carrier
05	Flatbed
06	Low boy
07	Flatbed w/equip.
08	Flatbed w/sides
09	Pole/logging
10	Tank - liquid/gas
11	Tank - dry bulk
12	Auto carrier
13	Dump
14	Bottom dump/hopper bottom
15	Garbage/refuse
16	Other

127-128

Specify "other" body style:
135 136 137 138 139 140 141 142 143 144
145 146 147 148 149 150 151 152 153 154

23. CARGO:

Code	Cargo
00	Empty
01	General freight
02	Household goods
03	Building materials
04	Metal (coils, sheets)
05	Heavy machinery
06	Large objects
07	Motor vehicles
08	Piggyback/towaway
09	Gases in bulk
10	Solids in bulk
11	Liquids in bulk
12	Explosives
13	Logs, poles, lumber
14	Refrigerated foods
15	Mobile home
16	Farm products
17	Live animals
18	Other

175-176

Cargo _____ *(Specify)*

FIRST TRAILER

BODY STYLE (same codes 01–16) — 129-130

155 156 157 158 159 160 161 162 163 164

CARGO (same codes 00–18) — 177-178

SECOND TRAILER

BODY STYLE (same codes 01–16) — 131-132

165 166 167 168 169 170 171 172 173 174

CARGO (same codes 00–18) — 179-180

THIRD TRAILER

BODY STYLE (same codes 01–16) — 133-134

CARGO (same codes 00–18) — 181-182

Cargo
183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202

(editor)

Page 2

	POWER UNIT	FIRST TRAILER	SECOND TRAILER	THIRD TRAILER
24. HAZARDOUS CARGO:	Yes [ ]1 No [ ]2 203	Yes [ ]1 No [ ]2 204	Yes [ ]1 No [ ]2 205	Yes [ ]1 No [ ]2 206

25. Did any spillage of cargo result from the accident?

No spillage [ ] 0
Spillage of non-hazardous cargo [ ] 1
Spillage of hazardous cargo [ ] 2
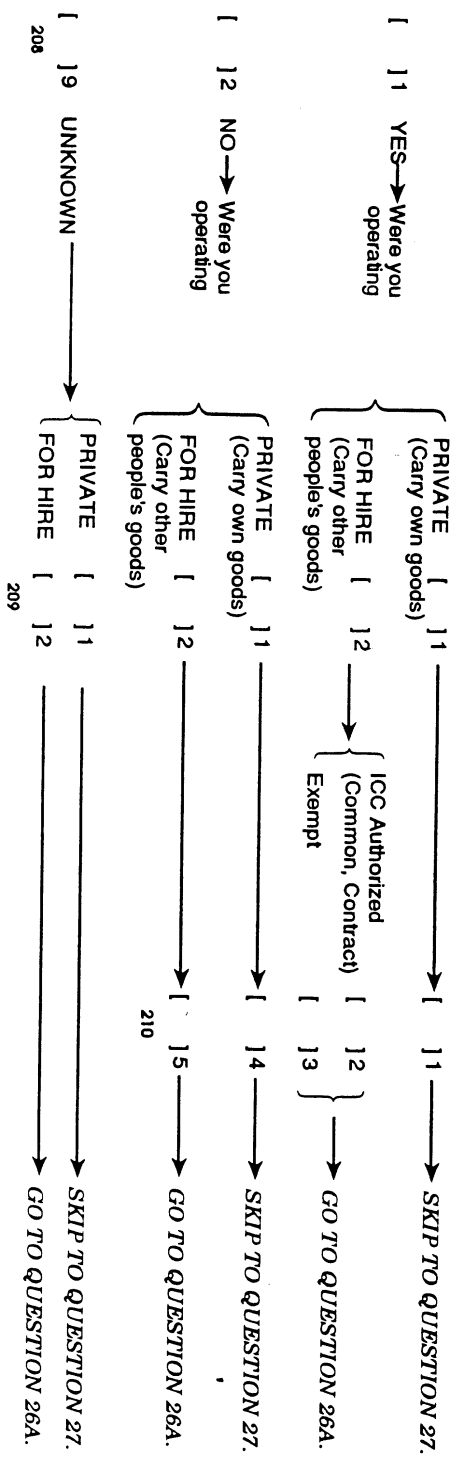
207

VEHICLE USE

Owner Name _____

Owner's Business Type _____

26. Operating Authority at the Time of the Accident

[Was this a daily rental truck?   YES [ ] 7 ─→ *SKIP TO QUESTION 27.*
[Was this truck govt. owned?   YES [ ] 6
(city / county / state / federal)

208

Within twelve months before the accident, did any of your trucks carry goods interstate (across state lines)?

[ ] 1 YES ─→ Were you
operating

{ PRIVATE [ ] 1
(Carry own goods) ─────────────────────→ *SKIP TO QUESTION 27.*

{ FOR HIRE [ ] 2
(Carry other
people's goods) ─→ { ICC Authorized
(Common, Contract) [ ] 2 ──→ *GO TO QUESTION 26A.*
Exempt [ ] 3 }

[ ] 2 NO ─→ Were you
operating

{ PRIVATE [ ] 1
(Carry own goods) ─────────────────────→ *SKIP TO QUESTION 27.*

{ FOR HIRE [ ] 2
(Carry other
people's goods) [ ] 5 ──→ *GO TO QUESTION 26A.*

210

[ ] 9 UNKNOWN ─────→ { PRIVATE [ ] 1 ─────→ *SKIP TO QUESTION 27.*
{ FOR HIRE [ ] 2 ─────→ *GO TO QUESTION 26A.*

209

26A. **FOR FOR-HIRE OPERATORS ONLY:** At the time of the accident, was
the driver the owner of the truck and not on a long-term lease?

Yes [ ] 1
No [ ] 2

211

Revised 5/13/94.

27. Intended One-Way Trip Distance

Local *(within a 50 mile radius of base)*   [   ] 1

Over-the-Road

200 miles or less   [   ] 2
Greater than 200 miles   [   ] 3
Unknown over-the-road trip distance [   ] 4
                                             212

28. How many hours had the driver been driving since the last 8-hour break?   _____ _____ Hrs.
                                                                                 213   214

REMAINDER TO BE COMPLETED BY EDITOR.

29. Interview?   30. Police report?   31. MCS 50-T?

Yes [   ] 1   Yes [   ] 1   Yes [   ] 1
No [   ] 2   No [   ] 2   No [   ] 2
      215   216   217

DERIVED INFORMATION *(Insert question numbers.)*

___ 218   ___ 219   ___ 228   ___ 229
___ 220   ___ 221   ___ 230   ___ 231
___ 222   ___ 223   ___ 232   ___ 233
___ 224   ___ 225   ___ 234   ___ 235
___ 226   ___ 227   ___ 236   ___ 237

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