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**Center for
National Truck Statistics**

TRUCKS INVOLVED IN FATAL ACCIDENTS CODEBOOK 1991

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July 1993

UMTRI

The University of Michigan
Transportation Research Institute

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16. Abstract <p>This report provides weighted and unweighted one-way frequencies for all the vehicles in UMTRI's file of Trucks Involved in Fatal Accidents, 1991. The TIFA dataset 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 form. Most of the TIFA information is produced by telephone interviews with the driver, owner, or some other involved party. Some of the 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.</p> <p>Some sampling was done in selecting the cases for the file. Cases where there was a MCS 50-T report available were taken with certainty. Among the remaining cases, half were selected where the FARS body type and vehicle trailering variables indicated the vehicle was a straight truck or a tractor with one trailer. All other FARS cases were included.</p> <p>In 1991, there were 4,404 medium and heavy trucks involved in fatal accidents in the U.S., down 11.9% from 5,003 in 1990. Tractors accounted for 67.5% of the power units. Tractors with twin trailers made up only 3.8% of the involvements. Only 23.4% of the accidents occurred on Interstate highways. Accidents at night and twilight comprised 36.2% of the total number of cases.</p>					
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The American Automobile Manufacturers Association and the American Trucking Associations generously provided research funds for the data collection.

INTRODUCTION

Overview

This report documents the July 8, 1993, version of the Trucks Involved in Fatal Accidents, 1991, dataset. The report summarizes all the information in the computerized data file. That file contains a random sample of straight trucks with no trailer and tractor-semitrailers (as recorded in FARS) and all the remaining medium and heavy trucks that were involved in a fatal accident in the United States, excluding Alaska and Hawaii, during calendar year 1991. Trucks with a gross vehicle weight rating of ten thousand pounds or less, primarily pickups, are excluded as nonsample. All the vehicles described are from the "June 22, 1992" version of the Fatal Accident Reporting System (FARS) file for 1991 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

The sampling procedure for the 1991 TIFA file was straightforward. The goal of sampling was to limit the number of interview cases while preserving the accuracy and comprehensiveness of the TIFA file. Accordingly, after the FARS cases were matched with OMC cases (described below), and after nonsample vehicles were removed from the file, sampling was done on cases that the FARS configuration variables showed to be either a straight truck with no trailer or a tractor pulling a semitrailer. Those two truck configurations are the two most common as well as the two most likely to be identified accurately in FARS. The Body Type and Vehicle Trailering variables in FARS were used to identify the trucks for sampling. After removing the cases matched with OMC reports (which are included in the TIFA file with certainty) and sorting to ensure even coverage across the accident year, an interval selection procedure was employed within each accident state to select every other case. The cases thus sampled are included in the file with a sample weight of two. The remaining cases in TIFA include the cases that were matched with OMC, as well as every case that, from the FARS codings, did not appear to be a straight truck with no trailer or tractor-semitrailer. These cases have a weight of one. Sample weights are recorded in variable 1076.

The codebook presents both weighted and unweighted frequencies. The column headed "N" shows unweighted counts for the variables. These are counts of the actual number of cases in the file. The second frequency column headed "WGHT" shows weighted frequencies. The weighted frequencies represent a best estimate of the true number of cases in the population, and are the correct ones to use for any descriptive or analytical purposes.

The 1991 FARS file changed substantially from previous years. New variables were added, many variables were renumbered, and the code levels of several variables were changed. The TIFA survey form was also revised for the 1991 data year. The changes include 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 1991 file offers even more detail on the physical configuration of the trucks involved in fatal accidents. As a consequence, however, the variable numbers and code values in the 1991 TIFA file are not fully consistent with the files for 1980 through 1990. Accordingly, codebooks for prior years of TIFA should not be used as a key to the 1991 TIFA dataset.

Mississippi did not send any police reports. There were 91 FARS cases for Mississippi. After matching with the MCS 50-T reports, 83 cases from Mississippi were left for sampling. The sampled Mississippi cases are included in the file but with all the interview variables left unknown. There was also one missing police report from Maryland. 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", and MCS 50-T (variable 1065) has been coded "no" (2). In addition, the State of Iowa did not send police reports. 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 336), there is a set of variables (numbers 1001 through 1075) that contain 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. 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 cabstyle 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 obtaining 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 OMC cases to FARS cases, in identifying the appropriate respondent to contact when a match could not be made, and in checking responses for accuracy. As mentioned earlier, Mississippi and Iowa did not provide police accident reports for 1991.

The police reports sent by the states were used to match the fatal cases reported to OMC with the corresponding case in FARS. There were 2,078 MCS 50-T reports for fatal accidents. Each of these should match one of the 4,517 FARS cases in the original file, although only 1,775 of the MCS 50-T reports could be matched to a FARS case. The cases matched before sampling were included in the TIFA file with a sample weight of one, and the relevant information from the MCS 50-T form was transcribed on to the TIFA survey form. Where necessary, these cases were submitted to interview to complete the survey form. For the remaining, unmatched FARS cases, the obvious (by vehicle identification number) nonsample vehicles were deleted from the file and then the sampling procedure described above was followed. The sampling procedure selected 3,404 cases, either with certainty and a sample weight of one (if not a tractor-semitrailer or a straight truck with no trailers), or sampled with a weight of two. Variable 1076 records the sample weight.

Information was collected primarily by telephone interview. The person or company contacted was, where 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 could not be determined for only 49 (1.4%) of the 3,404 cases. Vehicle configuration is unknown for 75 (1.7%) cases. Gross vehicle weight rating (GVWR) could not be determined for 270 (6.1%) cases, and gross vehicle weight is unknown for 384 (8.7%) cases.

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 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). 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 added equipment.

Number of Cases

The June 22, 1992, version of the 1991 FARS file has 4,517 vehicles (excluding fire trucks) involved in fatal accidents in the United States, excluding Alaska and Hawaii, with a Body Type code of 60 through 64, 66 through 72, 78 or 79, 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. Forty-seven vehicles, mostly light trucks, were deleted from the file as nonsample vehicle before interview cases were sampled. An additional 61 cases were determined to be nonsample through the process of interviewing and case editing. Since this determination was made after sampling, these vehicles had valid sample weights. When the weights are applied, the weighted total of nonsample vehicles is 117. Subtracting those 117 from the FARS file total of 4,517 cases leaves 4,400, which should be the estimated number of trucks involved in fatal accidents in 1991. However, because the sampling was carried out incrementally using preliminary versions of the FARS file, the weighted total is four cases too high, 4,404, instead of 4,400. Sampling weights were not adjusted for this small difference. Accordingly, the column headed "WGHT" sums to 4,404.

The Effect of Sampling on Accuracy

The limited sampling done has only a modest effect on the accuracy of the estimates derived from the file. Standard errors and confidence intervals were calculated, taking into account that the file is a stratified random sample. The 95% confidence intervals for population proportions are very tight. For example, the proportion of cases in urban areas (variable 16, code level 1) is $34.2\% \pm 1.7$. The proportion of cases with fires (variable 140, code level 1) is $5.0\% \pm 0.7$. Six other representative proportions were checked. The widest confidence interval for any of the proportions was $\pm 1.7\%$.

The accuracy of the population estimates from the sampled file can be compared to what would have been obtained had no sampling been done.¹ Confidence intervals were calculated for the same proportions as in the previous paragraph but assuming a simple random sample of all 4,404 cases. The confidence intervals for the stratified random sample are only 21% wider than they would have been, had all cases been taken. For example, the 95% confidence interval for the proportion of urban cases would have been ± 1.4 rather than ± 1.7 . This difference is to be expected, since a larger number of cases results in tighter estimates, but the difference is not large enough to be of concern for most applications.

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

¹If all cases had been taken, the TIFA file would have been a census file. Calculating confidence intervals for census data is appropriate and frequently done. It is true that if the proportion of urban accidents in a census file from a particular year is 0.34, then 0.34 is the true proportion of urban accidents for that year. In practical terms, however, interest focuses not on any particular year of accident data but in the relationship between certain factors and the probability of an accident. In that sense, any particular accident year constitutes a sample of accidents, so confidence intervals are often calculated for the resulting estimates.

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, 1991
FARS ACCIDENT VARIABLES

Page 7

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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Field Width</u>	<u>Character Type</u>	<u>Mult Resp</u>	<u>Page Number</u>
58	NUM UNK INJURED IN ACC	2	Numeric		37
59	ACC. RELATED FACTORS-1	2	Numeric		37
60	ACC. RELATED FACTORS-2	2	Numeric		38
61	ACC. RELATED FACTORS-3	2	Numeric		39

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

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Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
104	VEHICLE NUMBER	2	Numeric		41
107	NUMBER OF OCCUPANTS	2	Numeric		41
108	VEHICLE MAKE	2	Numeric		41
109	VEHICLE MAKE-MODEL	5	Numeric		42
110	BODY TYPE	2	Numeric		45
111	MODEL YEAR	2	Numeric		46
112	VIN	10	Alpha		47
123	REGISTRATION STATE	2	Numeric		47
124	REGISTERED VEHICLE OWNER	1	Numeric		48
125	ROLLOVER	1	Numeric		49
126	JACKKNIFE	1	Numeric		49
127	TRAVEL SPEED	2	Numeric		49
128	HAZARDOUS CARGO	1	Numeric		50
129	VEHICLE TRAILERING	1	Numeric		50
130	VEHICLE CONFIGURATION	1	Numeric		50
131	NUMBER OF AXLES	2	Numeric		51
132	CARGO BODY TYPE	2	Numeric		51
133	SPECIAL USE	1	Numeric		51
134	EMERGENCY USE	1	Numeric		52
135	IMPACT POINT - INITIAL	2	Numeric		52
136	IMPACT POINT - PRINCIPAL	2	Numeric		52
137	EXTENT OF DEFORMATION	1	Numeric		53
138	VEHICLE ROLE	1	Numeric		53
139	MANNER OF LEAVING SCENE	1	Numeric		53
140	FIRE OCCURRENCE	1	Numeric		54
142	VEHICLE MANEUVER	2	Numeric		54
143	CRASH AVOIDANCE MANUEVER	1	Numeric		54
144	MOST HARMFUL EVENT	2	Numeric		55
145	NUMBER OF DEATHS IN VEH	2	Numeric		57
151	VIN TRUCK FUEL CODE	1	Numeric		57
152	VIN TRUCK WEIGHT CODE	1	Numeric		58
153	VIN TRUCK SERIES	3	Alpha		58
155	LENGTH OF VIN	2	Numeric		58
156	NUMBER UNINJURED IN VEH	2	Numeric		58
157	NUMBER C-INJURED IN VEH	2	Numeric		59
158	NUMBER B-INJURED IN VEH	2	Numeric		59
159	NUMBER A-INJURED IN VEH	2	Numeric		59
160	NUMBER K-INJURED IN VEH	2	Numeric		59
161	NUM UNK INJURED IN VEH	2	Numeric		60
162	VEH. RELATED FACTORS-1	2	Numeric		60
163	VEH. RELATED FACTORS-2	2	Numeric		61

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS DRIVER VARIABLES

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<u>Variable Number</u>	<u>Variable Name</u>	<u>Field Width</u>	<u>Character Type</u>	<u>Mult Resp</u>	<u>Page Number</u>
207	DRIVER PRESENCE	1	Numeric		63
208	DRIVER DRINKING	1	Numeric		63
209	LICENSE STATE	2	Numeric		63
210	LICENSE STATUS	1	Numeric		65
211	LICENSE CLASS COMPLIANCE	1	Numeric		65
212	CDL LICENSE STATUS	1	Numeric		65
213	LICENSE ENDORSEMENTS	1	Numeric		66
214	LICENSE RESTRICTIONS MET	1	Numeric		66
215	VIOLATIONS CHARGED	1	Numeric		66
216	NUMBER OF PREV ACCIDENTS	2	Numeric		67
217	NUMBER PREV SUSPENSIONS	2	Numeric		67
218	NUMBER OF PREV DWI CONV	2	Numeric		67
219	NUM PREV SPEEDING CONV	2	Numeric		67
220	NUM PREV OTHER MV CONV	2	Numeric		68
221	LAST ACCIDENT - MONTH	2	Numeric		68
222	LAST ACCIDENT - YEAR	2	Numeric		69
223	FIRST ACCIDENT - MONTH	2	Numeric		69
224	FIRST ACCIDENT - YEAR	2	Numeric		69
227	DRIVER RELATED FACTORS-1	2	Numeric		70
228	DRIVER RELATED FACTORS-2	2	Numeric		73
229	DRIVER RELATED FACTORS-3	2	Numeric		76

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS OCCUPANT VARIABLES

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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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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		94
1020	1ST TRAILER EMPTY WEIGHT	6	Numeric		94
1021	1ST TRAILER CARGO WEIGHT	6	Numeric		94
1022	1ST TRAILER LENGTH	3	Numeric		95
1023	1ST TRAILER BODY	2	Numeric		96
1024	1ST TRAILER OTHER BODY	10	Alpha		96
1025	1ST TRAILER CARGO	2	Numeric		97
1026	1ST TRAILER HAZ. CARGO	1	Numeric		97
1027	2ND TRAILER TYPE	1	Numeric		98
1028	2ND TRAILER NO. OF AXLES	2	Numeric		98
1029	2ND TRAILER LIFT AXLES	1	Numeric		98
1030	2ND TRAILER EMPTY WEIGHT	6	Numeric		98
1031	2ND TRAILER CARGO WEIGHT	6	Numeric		99
1032	2ND TRAILER LENGTH	3	Numeric		99
1033	2ND TRAILER BODY	2	Numeric		100
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		102
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		103
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		105
1049	NUMBER OF TRAILERS	1	Numeric		105
1050	TIFA GVWR	1	Numeric		105

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Field Width</u>	<u>Character Type</u>	<u>Mult Resp</u>	<u>Page Number</u>
1051	EMPTY COMBINATION WEIGHT	6	Numeric		106
1052	GROSS WEIGHT	6	Numeric		106
1053	TOTAL LENGTH	3	Numeric		106
1054	TOTAL WIDTH	3	Numeric		107
1055	ACTUAL CARGO	20	Alpha		107
1056	CARGO SPILLAGE	1	Numeric		107
1057	AREA OF OPERATION	1	Numeric		107
1058	OPERATING AUTHORITY	1	Numeric		108
1059	CARRIER TYPE	1	Numeric		108
1060	OWNER/OPERATOR	1	Numeric		108
1061	TRIP TYPE	1	Numeric		108
1062	HOURS DRIVING	2	Numeric		109
1063	INTERVIEW	1	Numeric		109
1064	POLICE REPORT	1	Numeric		109
1065	MCS 50-T	1	Numeric		110
1066	1ST QUESTION DERIVED	2	Numeric		111
1067	2ND QUESTION DERIVED	2	Numeric		111
1068	3RD QUESTION DERIVED	2	Numeric		112
1069	4TH QUESTION DERIVED	2	Numeric		112
1070	5TH QUESTION DERIVED	2	Numeric		112
1071	6TH QUESTION DERIVED	2	Numeric		113
1072	7TH QUESTION DERIVED	2	Numeric		113
1073	8TH QUESTION DERIVED	2	Numeric		113
1074	9TH QUESTION DERIVED	2	Numeric		113
1075	10TH QUESTION DERIVED	2	Numeric		113
1076	SAMPLE WEIGHT	2	Numeric		114

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

The ACCIDENT Variables

Variables 1 through 58 are the FARS variables that describe the accident.

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

N	Prct	WGHT	Prct	CASE STATE
94	2.8	129	2.9	01. Alabama
0	0.0	0	0.0	02. Alaska
53	1.6	63	1.4	04. Arizona
73	2.1	93	2.1	05. Arkansas
307	9.0	404	9.2	06. California
27	0.8	37	0.8	08. Colorado
20	0.6	26	0.6	09. Connecticut
14	0.4	17	0.4	10. Delaware
2	0.1	3	0.1	11. District of Columbia
205	6.0	247	5.6	12. Florida
124	3.6	161	3.7	13. Georgia
0	0.0	0	0.0	15. Hawaii
17	0.5	24	0.5	16. Idaho
123	3.6	163	3.7	17. Illinois
115	3.4	137	3.1	18. Indiana
57	1.7	77	1.7	19. Iowa
36	1.1	44	1.0	20. Kansas
69	2.0	98	2.2	21. Kentucky
72	2.1	95	2.2	22. Louisiana
17	0.5	23	0.5	23. Maine
51	1.5	64	1.5	24. Maryland
22	0.6	25	0.6	25. Massachusetts
96	2.8	128	2.9	26. Michigan
56	1.6	69	1.6	27. Minnesota
50	1.5	73	1.7	28. Mississippi
106	3.1	133	3.0	29. Missouri
19	0.6	23	0.5	30. Montana
36	1.1	43	1.0	31. Nebraska
16	0.5	19	0.4	32. Nevada
5	0.1	6	0.1	33. New Hampshire
69	2.0	92	2.1	34. New Jersey
45	1.3	55	1.2	35. New Mexico
133	3.9	190	4.3	36. New York
143	4.2	175	4.0	37. North Carolina
9	0.3	12	0.3	38. North Dakota
143	4.2	170	3.9	39. Ohio
52	1.5	66	1.5	40. Oklahoma
53	1.6	70	1.6	41. Oregon
158	4.6	216	4.9	42. Pennsylvania

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

N	Prct	WGHT	Prct	Var 1	CASE STATE
0	0.0	0	0.0	43.	Puerto Rico
5	0.1	6	0.1	44.	Rhode Island
71	2.1	92	2.1	45.	South Carolina
15	0.4	20	0.5	46.	South Dakota
92	2.7	112	2.5	47.	Tennessee
243	7.1	325	7.4	48.	Texas
26	0.8	32	0.7	49.	Utah
12	0.4	13	0.3	50.	Vermont
85	2.5	110	2.5	51.	Virginia
41	1.2	56	1.3	53.	Washington
31	0.9	42	1.0	54.	West Virginia
82	2.4	108	2.5	55.	Wisconsin
14	0.4	18	0.4	56.	Wyoming

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

N	Prct	WGHT	Prct	CASE NUMBER ASSIGNED WITHIN STATES
13	0.4	16	0.4	0001.
				- . Case number
0	0.0	0	0.0	9999.

Variable	7	CITY	MD1:	9999	Field Width:	4
			MD2: <td>None <td>Type: <td>Numeric</td> </td></td>	None <td>Type: <td>Numeric</td> </td>	Type: <td>Numeric</td>	Numeric

N	Prct	WGHT	Prct	CITY - GSA GEOGRAPHIC LOCATION CODE
2312	67.9	2994	68.0	0000. Not applicable
0	0.0	0	0.0	0001.
				- . GSA code
0	0.0	0	0.0	9996.
6	0.2	9	0.2	9997. Other
2	0.1	3	0.1	9999. Unknown

Variable	8	COUNTY	MD1:	999	Field Width:	3
			MD2: <td>None <td>Type: <td>Numeric</td> </td></td>	None <td>Type: <td>Numeric</td> </td>	Type: <td>Numeric</td>	Numeric

N	Prct	WGHT	Prct	COUNTY - GSA GEOGRAPHIC LOCATION CODE
0	0.0	0	0.0	000. Not applicable
59	1.7	74	1.7	001.
				- . GSA code
0	0.0	0	0.0	996.
1	0.0	2	0.0	997. Other

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

N	Prcnt	WGHT	Prcnt	Var	8	COUNTY
0	0.0	0	0.0	999.		Unknown

Variable	9	<u>ACCIDENT DATE - MONTH</u>	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	WGHT	Prcnt	ACCIDENT DATE - MONTH
277	8.1	361	8.2	01. January
238	7.0	307	7.0	02. February
223	6.6	287	6.5	03. March
243	7.1	313	7.1	04. April
296	8.7	373	8.5	05. May
300	8.8	385	8.7	06. June
283	8.3	368	8.4	07. July
346	10.2	448	10.2	08. August
302	8.9	395	9.0	09. September
360	10.6	463	10.5	10. October
289	8.5	378	8.6	11. November
247	7.3	326	7.4	12. December

Variable	10	<u>ACCIDENT DATE - DAY</u>	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	WGHT	Prcnt	ACCIDENT DATE - DAY
103	3.0	135	3.1	01. - . Day of month
60	1.8	87	2.0	31.

Variable	11	<u>ACCIDENT DATE - YEAR</u>	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

N	Prcnt	WGHT	Prcnt	ACCIDENT DATE - YEAR
3404	100.0	4404	100.0	91. 1991

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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

	N	Prcnt	WGHT	Prcnt	ACCIDENT TIME - HOUR
	102	3.0	126	2.9	00. 12:01 am - 12:59 am
	105	3.1	125	2.8	01. 1:00 am - 1:59 am
	103	3.0	131	3.0	02. 2:00 am - 2:59 am
	102	3.0	129	2.9	03. 3:00 am - 3:59 am
	105	3.1	133	3.0	04. 4:00 am - 4:59 am
	111	3.3	146	3.3	05. 5:00 am - 5:59 am
	149	4.4	187	4.2	06. 6:00 am - 6:59 am
	163	4.8	223	5.1	07. 7:00 am - 7:59 am
	166	4.9	226	5.1	08. 8:00 am - 8:59 am
	143	4.2	191	4.3	09. 9:00 am - 9:59 am
	194	5.7	263	6.0	10. 10:00 am - 10:59 am
	195	5.7	252	5.7	11. 11:00 am - 11:59 am
	154	4.5	207	4.7	12. 12:00 pm - 12:59 pm
	208	6.1	280	6.4	13. 1:00 pm - 1:59 pm
	231	6.8	300	6.8	14. 2:00 pm - 2:59 pm
	191	5.6	252	5.7	15. 3:00 pm - 3:59 pm
	180	5.3	235	5.3	16. 4:00 pm - 4:59 pm
	128	3.8	167	3.8	17. 5:00 pm - 5:59 pm
	133	3.9	174	4.0	18. 6:00 pm - 6:59 pm
	122	3.6	151	3.4	19. 7:00 pm - 7:59 pm
	104	3.1	124	2.8	20. 8:00 pm - 8:59 pm
	94	2.8	114	2.6	21. 9:00 pm - 9:59 pm
	117	3.4	138	3.1	22. 10:00 pm - 10:59 pm
	97	2.8	123	2.8	23. 11:00 pm - 11:59 pm
	2	0.1	2	0.0	24. 12:00 midnight
	5	0.1	5	0.1	99. Unknown

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

	N	Prcnt	WGHT	Prcnt	ACCIDENT TIME - MINUTE
	304	8.9	411	9.3	00. - . Minute
	22	0.6	26	0.6	59.
	6	0.2	6	0.1	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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

N	Prct	WGHT	Prct	NUMBER OF VEHICLES INVOLVED IN ACCIDENT
627	18.4	812	18.4	01. - . Number submitted
3	0.1	6	0.1	30.

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	Prct	WGHT	Prct	NUMBER OF PERSONS INVOLVED IN ACCIDENT
261	7.7	339	7.7	01. - . Number submitted
3	0.1	6	0.1	59.

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

LAND USE - FHWA CLASSIFICATION

N	Prct	WGHT	Prct	LAND USE
1167	34.3	1508	34.2	1. Urban area
2232	65.6	2889	65.6	2. Rural area
5	0.1	7	0.2	9. Unknown

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

N	Prct	WGHT	Prct	TA-1 CLASS - FHWA CLASSIFICATION
815	23.9	1015	23.0	1. Interstate
1602	47.1	2053	46.6	2. Federal-Aid primary (other than interstate)
346	10.2	469	10.6	3. Federal-Aid urban
350	10.3	478	10.9	4. Federal-Aid secondary (rural only)
284	8.3	377	8.6	5. Nonfederal-Aid
7	0.2	12	0.3	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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

N	Prcnt	WGHT	Prcnt	ROADWAY FUNCTION CLASS
Rural				
489	14.4	600	13.6	01. Principal arterial - interstate
701	20.6	895	20.3	02. Principal arterial - other
526	15.5	684	15.5	03. Minor arterial
360	10.6	490	11.1	04. Major collector
51	1.5	70	1.6	05. Minor collector
104	3.1	148	3.4	06. Local road or street
1	0.0	2	0.0	09. Unknown rural
Urban				
325	9.5	414	9.4	11. Principal arterial - interstate
142	4.2	185	4.2	12. Principal arterial - other freeways or expressways
396	11.6	511	11.6	13. Other principal arterial
169	5.0	224	5.1	14. Minor arterial
41	1.2	59	1.3	15. Collector
93	2.7	113	2.6	16. Local road or street
1	0.0	2	0.0	19. Unknown urban
5	0.1	7	0.2	99. Unknown

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

N	Prcnt	WGHT	Prcnt	ROUTE SIGNING
827	24.3	1032	23.4	1. Interstate
973	28.6	1244	28.2	2. U.S. highway
984	28.9	1279	29.0	3. State highway
287	8.4	397	9.0	4. County road
Local Street				
51	1.5	72	1.6	5. Township
227	6.7	303	6.9	6. Municipality
46	1.4	64	1.5	8. Other
9	0.3	13	0.3	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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

N Prcnt WGHT Prcnt TRAFFICWAY IDENTIFIER

9999999999. Unknown

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

N Prcnt WGHT Prcnt MILEPOINT

549	16.1	748	17.0	00000. None
12	0.4	15	0.3	00001.
				- . Actual to nearest .1 mile
0	0.0	0	0.0	99998.
409	12.0	499	11.3	99999. Unknown

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

N Prcnt WGHT Prcnt SPECIAL JURISDICTION

3389	99.6	4384	99.5	0. No special jurisdiction
3	0.1	3	0.1	1. National Park Service
3	0.1	5	0.1	2. Military
7	0.2	10	0.2	3. Indian reservation
0	0.0	0	0.0	4. College/University campus
2	0.1	2	0.0	5. Other Federal properties
0	0.0	0	0.0	8. Other
0	0.0	0	0.0	9. Unknown

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

N Prcnt WGHT Prcnt 1ST EVENT CAUSING INJURY/PROP. DAMAGE

142	4.2	191	4.3	01. Overturn
1	0.0	2	0.0	02. Fire/explosion
0	0.0	0	0.0	03. Immersion
0	0.0	0	0.0	04. Gas inhalation
20	0.6	22	0.5	05. Fell from vehicle
0	0.0	0	0.0	06. Injured in vehicle
11	0.3	14	0.3	07. Other noncollision
237	7.0	305	6.9	08. Pedestrian
57	1.7	72	1.6	09. Pedalcycle
20	0.6	26	0.6	10. Railway train

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

N	Prcnt	WGHT	Prcnt	Var 23	FIRST HARMFUL EVENT
6	0.2	9	0.2	11.	Animal
2514	73.9	3271	74.3	12.	Motor-vehicle in transport
105	3.1	124	2.8	13.	Motor-vehicle in transport in other roadway
32	0.9	37	0.8	14.	Parked motor-vehicle
4	0.1	5	0.1	15.	Other type nonmotorist
1	0.0	2	0.0	16.	Thrown or falling object
0	0.0	0	0.0	17.	Boulder
6	0.2	7	0.2	18.	Other object (not fixed)
1	0.0	1	0.0	19.	Building
1	0.0	1	0.0	20.	Impact attenuator/crash cushion
10	0.3	11	0.2	21.	Bridge pier or abutment
4	0.1	4	0.1	22.	Bridge parapet end
15	0.4	16	0.4	23.	Bridge rail
87	2.6	116	2.6	24.	Guardrail
18	0.5	25	0.6	25.	Concrete traffic barrier
0	0.0	0	0.0	26.	Other longitudinal barrier type
5	0.1	7	0.2	27.	Highway/traffic sign post
0	0.0	0	0.0	28.	Overhead sign support
2	0.1	2	0.0	29.	Luminaire/light support
12	0.4	15	0.3	30.	Utility pole
6	0.2	9	0.2	31.	Other post, pole or supports
4	0.1	5	0.1	32.	Culvert
6	0.2	9	0.2	33.	Curb
9	0.3	11	0.2	34.	Ditch
11	0.3	12	0.3	35.	Embankment - earth
2	0.1	2	0.0	36.	Embankment - rock, stone or concrete
9	0.3	12	0.3	37.	Embankment - material type unknown
3	0.1	5	0.1	38.	Fence
6	0.2	9	0.2	39.	Wall
0	0.0	0	0.0	40.	Fire hydrant
5	0.1	6	0.1	41.	Shrubbery
14	0.4	17	0.4	42.	Tree
17	0.5	21	0.5	43.	Other fixed object
1	0.0	1	0.0	44.	Pavement surface irregularity (pothole, grooved, grates)
0	0.0	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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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N Prcnt	WGHT 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)
			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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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

N	Prct	WGHT	Prct	MANNER OF COLLISION
784	23.0	1008	22.9	0. Not a collision with a motor-vehicle in transport
608	17.9	785	17.8	1. Rear-end
802	23.6	1015	23.0	2. Head-on
0	0.0	0	0.0	3. Rear-to-rear
1054	31.0	1387	31.5	4. Angle
73	2.1	93	2.1	5. Sideswipe - same direction
73	2.1	102	2.3	6. Sideswipe - opposite direction
10	0.3	14	0.3	9. Unknown

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

N	Prct	WGHT	Prct	RELATION TO JUNCTION
Non-interchange				
2277	66.9	2916	66.2	01. Nonjunction
707	20.8	931	21.1	02. Intersection
121	3.6	158	3.6	03. Intersection related
74	2.2	100	2.3	04. Driveway, alley, access, etc.
19	0.6	25	0.6	05. Entrance/exit ramp related
21	0.6	28	0.6	06. Rail grade crossing
4	0.1	7	0.2	07. In crossover
0	0.0	0	0.0	09. Unknown, Non-interchange
Interchange area				
35	1.0	51	1.2	10. Intersection
15	0.4	20	0.5	11. Intersection related
7	0.2	10	0.2	12. Driveway access
37	1.1	47	1.1	13. Entrance/exit ramp related
4	0.1	6	0.1	14. In crossover
82	2.4	103	2.3	15. Other location in Interchange
0	0.0	0	0.0	19. Unknown, Interchange Area
1	0.0	2	0.0	99. Unknown

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

N	Prct	WGHT	Prct	RELATION TO ROADWAY
2984	87.7	3862	87.7	1. On roadway
91	2.7	112	2.5	2. Shoulder
62	1.8	82	1.9	3. Median

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

N	Prcnt	WGHT	Prcnt	Var 26	RELATION TO ROADWAY
170	5.0	227	5.2	4.	Roadside
21	0.6	26	0.6	5.	Outside right-of-way
61	1.8	77	1.7	6.	Off roadway - location unknown
1	0.0	1	0.0	7.	In parking lane
4	0.1	5	0.1	8.	Gore
10	0.3	12	0.3	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	WGHT	Prcnt	TRAFFICWAY FLOW
1864	54.8	2451	55.7	1. Not physically divided (two way trafficway)
1153	33.9	1456	33.1	2. Divided highway, median strip (without traffic barrier)
313	9.2	399	9.1	3. Divided highway, median strip (with traffic barrier)
51	1.5	65	1.5	4. One way trafficway
23	0.7	33	0.7	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	WGHT	Prcnt	NUMBER OF TRAVEL LANES
25	0.7	35	0.8	1. 1 lane
2584	75.9	3334	75.7	2. 2 lanes
277	8.1	363	8.2	3. 3 lanes
405	11.9	526	11.9	4. 4 lanes
28	0.8	35	0.8	5. 5 lanes
37	1.1	46	1.0	6. 6 lanes
12	0.4	15	0.3	7. 7 or more lanes
36	1.1	50	1.1	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS ACCIDENT VARIABLES

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

N Prcnt		WGHT Prcnt		SPEED LIMIT
1	0.0	1	0.0	00. No statutory limit
0	0.0	0	0.0	05. 5 mph
0	0.0	0	0.0	10. 10 mph
6	0.2	7	0.2	15. 15 mph
5	0.1	6	0.1	20. 20 mph
60	1.8	80	1.8	25. 25 mph
113	3.3	157	3.6	30. 30 mph
167	4.9	213	4.8	35. 35 mph
137	4.0	180	4.1	40. 40 mph
307	9.0	398	9.0	45. 45 mph
172	5.1	231	5.2	50. 50 mph
1945	57.1	2525	57.3	55. 55 mph
2	0.1	3	0.1	60. 60 mph
450	13.2	547	12.4	65. 65 mph
39	1.1	56	1.3	99. Unknown

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

N Prcnt		WGHT Prcnt		ROADWAY ALIGNMENT
2781	81.7	3608	81.9	1. Straight
614	18.0	783	17.8	2. Curve
9	0.3	13	0.3	9. Unknown

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

N Prcnt		WGHT Prcnt		ROADWAY PROFILE
2327	68.4	3021	68.6	1. Level
947	27.8	1209	27.5	2. Grade
69	2.0	94	2.1	3. Hillcrest
15	0.4	18	0.4	4. Sag
46	1.4	62	1.4	9. Unknown

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

N	Prcnt	WGHT	Prcnt	ROADWAY SURFACE TYPE
556	16.3	729	16.6	1. Concrete
2767	81.3	3557	80.8	2. Blacktop, bituminous or asphalt
1	0.0	1	0.0	3. Brick or block
15	0.4	23	0.5	4. Slag, gravel or stone
5	0.1	8	0.2	5. Dirt
0	0.0	0	0.0	8. Other
60	1.8	86	2.0	9. Unknown

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

N	Prcnt	WGHT	Prcnt	ROADWAY SURFACE CONDITION
2654	78.0	3428	77.8	1. Dry
544	16.0	717	16.3	2. Wet
83	2.4	103	2.3	3. Snow or slush
105	3.1	133	3.0	4. Ice
3	0.1	3	0.1	5. Sand, dirt, oil
4	0.1	6	0.1	8. Other
11	0.3	14	0.3	9. Unknown

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

N	Prcnt	WGHT	Prcnt	TRAFFIC CONTROL DEVICE
2438	71.6	3141	71.3	00. No controls
Not At Railroad Grade Crossing				
Highway traffic signals				
17	0.5	25	0.6	01. Traffic control signal (on colors) without pedestrian signal
20	0.6	26	0.6	02. Traffic control (on colors) with pedestrian signal
219	6.4	291	6.6	03. Traffic control signal (on colors) not known whether or not pedestrian signal
16	0.5	20	0.5	04. Flashing traffic control signal
19	0.6	25	0.6	05. Flashing beacon
4	0.1	4	0.1	06. Flashing highway traffic signal, type unk. or other than traffic control or beacon
6	0.2	9	0.2	07. Lane use control signal

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N	Prcnt	WGHT	Prcnt	Var 34	TRAFFIC CONTROL DEVICE
5	0.1	7	0.2	08.	Other highway traffic signal
1	0.0	1	0.0	09.	Unknown highway traffic signal
Regulatory signs					
404	11.9	532	12.1	20.	Stop sign
18	0.5	21	0.5	21.	Yield sign
43	1.3	55	1.2	28.	Other regulatory sign
4	0.1	5	0.1	29.	Unknown type regulatory sign
School zone signs					
3	0.1	4	0.1	30.	School speed limit sign
1	0.0	2	0.0	31.	School advance or crossing sign
1	0.0	2	0.0	38.	Other school related sign
0	0.0	0	0.0	39.	Unknown type school zone sign
Warning signs					
138	4.1	175	4.0	40.	Warning sign
Miscellaneous not at railroad crossing					
21	0.6	25	0.6	50.	Officer, crossing guard, flagman, etc.
At Railroad Grade Crossing					
Active devices					
2	0.1	3	0.1	60.	Gates
4	0.1	5	0.1	61.	Flashing lights
2	0.1	4	0.1	62.	Traffic control signal
0	0.0	0	0.0	63.	Wigwags
0	0.0	0	0.0	64.	Bells
0	0.0	0	0.0	68.	Other train activated device
0	0.0	0	0.0	69.	Active device, type unknown
Passive devices					
8	0.2	9	0.2	70.	Cross-bucks
2	0.1	3	0.1	71.	Stop sign
1	0.0	2	0.0	72.	Other railroad crossing sign
1	0.0	1	0.0	73.	Special warning device - watchman, flagged by crew
0	0.0	0	0.0	78.	Other passive device
0	0.0	0	0.0	79.	Passive device, type unknown
Miscellaneous devices at railroad crossing					
2	0.1	2	0.0	80.	Grade crossing controlled, type unknown
***Whether Or Not At Railroad Grade Cross					
1	0.0	1	0.0	98.	Other
3	0.1	4	0.1	99.	Unknown

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

N Prcnt		WGHT Prcnt		TRAFFIC CONTROL FUNCTIONING
2439	71.7	3142	71.3	0. No controls
9	0.3	12	0.3	1. Device not functioning
7	0.2	8	0.2	2. Device functioning - functioning improperly
944	27.7	1235	28.0	3. Device functioning properly
5	0.1	7	0.2	9. Unknown

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

N Prcnt		WGHT Prcnt		HIT AND RUN
3356	98.6	4336	98.5	0. No hit and run
26	0.8	37	0.8	1. Hit motor-vehicle in transport
20	0.6	29	0.7	2. Hit pedestrian or nonmotorist
2	0.1	2	0.0	3. Hit parked vehicle or object

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

N Prcnt		WGHT Prcnt		LIGHT CONDITION
2043	60.0	2703	61.4	1. Daylight
928	27.3	1147	26.0	2. Dark
305	9.0	396	9.0	3. Dark but lighted
77	2.3	97	2.2	4. Dawn
45	1.3	53	1.2	5. Dusk
6	0.2	8	0.2	9. Unknown

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

N	Prct	WGHT	Prct	ATMOSPHERIC CONDITIONS
2802	82.3	3616	82.1	1. No adverse atmospheric conditions
354	10.4	464	10.5	2. Rain
22	0.6	25	0.6	3. Sleet (hail)
102	3.0	130	3.0	4. Snow
96	2.8	134	3.0	5. Fog
6	0.2	6	0.1	6. Rain and fog
0	0.0	0	0.0	7. Sleet and fog
14	0.4	19	0.4	8. Other (smog, smoke, blowing sand, or dust)
8	0.2	10	0.2	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	Prct	WGHT	Prct	CONSTRUCTION OR MAINTENANCE ZONE
3297	96.9	4265	96.8	0. None
81	2.4	104	2.4	1. Construction
19	0.6	27	0.6	2. Maintenance
1	0.0	1	0.0	3. Utility
6	0.2	7	0.2	4. Work zone, type unknown

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Variable	40	<u>EMS NOTIFIED - HOUR</u>		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric
	N	Prcnt	WGHT	Prcnt	EMS NOTIFIED - HOUR		
	184	5.4	227	5.2	00. Not notified or 12:01 - 12:59 am		
	69	2.0	82	1.9	01.		
					- . Hour		
	0	0.0	0	0.0	24.		
	1036	30.4	1341	30.4	99. Unknown		

Variable	41	<u>EMS NOTIFIED - MINUTE</u>		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric
	N	Prcnt	WGHT	Prcnt	EMS NOTIFIED - MINUTE		
	184	5.4	233	5.3	00. Not notified or on hour		
	31	0.9	42	1.0	01.		
					- . Minute		
	38	1.1	50	1.1	59.		
	1037	30.5	1342	30.5	99. Unknown		

Variable	42	<u>EMS ARRIVAL - HOUR</u>		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric
	N	Prcnt	WGHT	Prcnt	EMS ARRIVAL - HOUR		
	186	5.5	231	5.2	00. Not notified or 12:01 - 12:59 am		
	71	2.1	87	2.0	01.		
					- . Hour		
	1	0.0	1	0.0	24.		
	874	25.7	1137	25.8	99. Unknown		

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

N	Prct	WGHT	Prct	EMS ARRIVAL - MINUTE
175	5.1	220	5.0	00. Not notified or on hour
32	0.9	44	1.0	01. - . Minute
31	0.9	39	0.9	59.
879	25.8	1145	26.0	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	Prct	WGHT	Prct	SCHOOL BUS RELATED
3394	99.7	4389	99.7	0. No
10	0.3	15	0.3	1. Yes

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

N	Prct	WGHT	Prct	RAIL GRADE CROSSING ID - FRA CODE
				0000000. Not Applicable
				000000A.
				- . FRA code
				999999Z.
				9999999. Unknown

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

N	Prct	WGHT	Prct	NUMBER OF FATALITIES IN ACCIDENT
0	0.0	0	0.0	00. 0 killed
2896	85.1	3756	85.3	01. 1 killed
394	11.6	501	11.4	02. 2 killed
79	2.3	102	2.3	03. 3 killed
23	0.7	28	0.6	04. 4 killed
9	0.3	11	0.2	05. 5 killed
3	0.1	6	0.1	10. 10 killed

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

N	Prcnt	WGHT	Prcnt	DAY OF WEEK
211	6.2	253	5.7	1. Sunday
538	15.8	715	16.2	2. Monday
525	15.4	681	15.5	3. Tuesday
592	17.4	767	17.4	4. Wednesday
562	16.5	721	16.4	5. Thursday
637	18.7	825	18.7	6. Friday
339	10.0	442	10.0	7. Saturday

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

N	Prcnt	WGHT	Prcnt	NUMBER DRINKING DRIVERS
2649	77.8	3453	78.4	0. 0 drivers
716	21.0	903	20.5	1. 1 drivers
38	1.1	47	1.1	2. 2 drivers
1	0.0	1	0.0	3. 3 drivers

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

N	Prcnt	WGHT	Prcnt	The Julian date from March 1, 1900
0	0.0	0	0.0	00000. Missing data
3	0.1	4	0.1	33179. January 1, 1991
5	0.1	7	0.2	33543. December 31, 1991

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

N	Prcnt	WGHT	Prcnt	NUMBER OF UNINJURED IN ACCIDENT
1234	36.3	1603	36.4	00. 0 uninjured
1573	46.2	2028	46.0	01. 1 uninjured
384	11.3	493	11.2	02. 2 uninjured
96	2.8	122	2.8	03. 3 uninjured
57	1.7	73	1.7	04. 4 uninjured
17	0.5	25	0.6	05. 5 uninjured
0	0.0	0	0.0	23. 23 uninjured

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

N	Prct	WGHT	Prct	NUMBER OF C-INJURED IN ACCIDENT
2741	80.5	3545	80.5	00. 0 C-injured
501	14.7	648	14.7	01. 1 C-injured
95	2.8	122	2.8	02. 2 C-injured
42	1.2	57	1.3	03. 3 C-injured
13	0.4	14	0.3	04. 4 C-injured
3	0.1	4	0.1	05. 5 C-injured

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

N	Prct	WGHT	Prct	NUMBER OF B-INJURED IN ACCIDENT
2646	77.7	3421	77.7	00. 0 B-injured
572	16.8	737	16.7	01. 1 B-injured
117	3.4	149	3.4	02. 2 B-injured
36	1.1	49	1.1	03. 3 B-injured
8	0.2	10	0.2	04. 4 B-injured
4	0.1	6	0.1	05. 5 B-injured
0	0.0	0	0.0	- .
				32. 32 B-injured

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

N	Prct	WGHT	Prct	NUMBER OF A-INJURED IN ACCIDENT
2546	74.8	3290	74.7	00. 0 A-injured
588	17.3	768	17.4	01. 1 A-injured
161	4.7	201	4.6	02. 2 A-injured
64	1.9	86	2.0	03. 3 A-injured
14	0.4	17	0.4	04. 4 A-injured
15	0.4	19	0.4	05. 5 A-injured
0	0.0	0	0.0	- .
				11. 17 A-injured

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

N Prcnt		WGHT Prcnt		NUMBER OF K-INJURED IN ACCIDENT	
2896	85.1	3756	85.3	01.	1 killed
394	11.6	501	11.4	02.	2 killed
79	2.3	102	2.3	03.	3 killed
23	0.7	28	0.6	04.	4 killed
9	0.3	11	0.2	05.	5 killed
3	0.1	6	0.1	10.	10 killed

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

N Prcnt		WGHT Prcnt		NUMBER UNKNOWN INJURED IN ACCIDENT	
3391	99.6	4388	99.6	00.	0 unknown injured
10	0.3	12	0.3	01.	1 unknown injured
2	0.1	3	0.1	02.	2 unknown injured
1	0.0	1	0.0	03.	3 unknown injured
0	0.0	0	0.0	04.	4 unknown injured

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

N Prcnt		WGHT Prcnt		1ST RESPONSE	
3262	95.8	4218	95.8	00.	None
1	0.0	2	0.0	01.	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
3	0.1	3	0.1	02.	Shoulder related
5	0.1	7	0.2	03.	Other construction created condition
12	0.4	13	0.3	04.	No (or obscured) pavement marking
4	0.1	4	0.1	05.	Surface underwater
1	0.0	2	0.0	06.	Inadequate construction or poor design of roadway, bridge, etc.
2	0.1	4	0.1	07.	Surface washed out (caved in, road slippage)
Special circumstances					
27	0.8	38	0.9	14.	Motor Vehicle in Transport struck by falling cargo, or something that was set in motion by a vehicle
6	0.2	8	0.2	15.	Nonoccupant struck by falling cargo or something that came loose from or was set in motion by a vehicle

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N	Prcnt	WGHT	Prcnt	Var 59	ACC. RELATED FACTORS-1
12	0.4	19	0.4		16. Nonoccupant struck vehicle
0	0.0	0	0.0		17. Vehicle set in motion by nondriver
4	0.1	5	0.1		18. Date of Accident and Date of EMS Notification were not the same day
54	1.6	66	1.5		19. Recent previous accident scene nearby.
11	0.3	15	0.3		99. Unknown

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

N	Prcnt	WGHT	Prcnt	2ND RESPONSE
3385	99.4	4378	99.4	00. None
0	0.0	0	0.0	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.
0	0.0	0	0.0	02. Shoulder related
0	0.0	0	0.0	03. Other construction created condition
0	0.0	0	0.0	04. No (or obscured) pavement marking
0	0.0	0	0.0	05. Surface underwater
0	0.0	0	0.0	06. Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	0	0.0	07. Surface washed out (caved in, road slippage)
				Special circumstances
1	0.0	1	0.0	14. Motor Vehicle in Transport struck by falling cargo, or something that was set in motion by a vehicle
0	0.0	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	0	0.0	16. Nonoccupant struck vehicle
0	0.0	0	0.0	17. Vehicle set in motion by nondriver
0	0.0	0	0.0	18. Date of Accident and Date of EMS Notification were not the same day
7	0.2	10	0.2	19. Recent previous accident scene nearby.
11	0.3	15	0.3	99. Unknown

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Variable	61	ACC. RELATED FACTORS-3		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric
N	Prcnt	WGHT	Prcnt	3RD RESPONSE			
3393	99.7	4389	99.7	00. None			
0	0.0	0	0.0	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.			
0	0.0	0	0.0	02. Shoulder related			
0	0.0	0	0.0	03. Other construction created condition			
0	0.0	0	0.0	04. No (or obscured) pavement marking			
0	0.0	0	0.0	05. Surface underwater			
0	0.0	0	0.0	06. Inadequate construction or poor design of roadway, bridge, etc.			
0	0.0	0	0.0	07. Surface washed out (caved in, road slippage)			
				Special circumstances			
0	0.0	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	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	0	0.0	16. Nonoccupant struck vehicle			
0	0.0	0	0.0	17. Vehicle set in motion by nondriver			
0	0.0	0	0.0	18. Date of Accident and Date of EMS Notification were not the same day			
0	0.0	0	0.0	19. Recent previous accident scene nearby.			
11	0.3	15	0.3	99. Unknown			

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The VEHICLE Variables

Variables 104 through 163 describe the vehicle involved in the accident (i.e., the truck).

Variable 104 VEHICLE NUMBER MD1: 0 Field Width: 2
 MD2: None Type: Numeric

N	Prcnt	WGHT	Prcnt	VEHICLE NUMBER
1663	48.9	2140	48.6	01. Vehicle #1
1520	44.7	1967	44.7	02. Vehicle #2
162	4.8	215	4.9	03. Vehicle #3
31	0.9	41	0.9	04. Vehicle #4
12	0.4	18	0.4	05. Vehicle #5
				- .
1	0.0	2	0.0	27. Vehicle #27

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

N	Prcnt	WGHT	Prcnt	NUMBER OF OCCUPANTS
31	0.9	42	1.0	00. 0 occupants
2831	83.2	3652	82.9	01. 1 occupant
415	12.2	543	12.3	02. 2 occupants
43	1.3	57	1.3	03. 3 occupants
7	0.2	8	0.2	04. 4 occupants
5	0.1	6	0.1	05. 5 occupants
2	0.1	2	0.0	06. 6 occupants
1	0.0	1	0.0	07. 7 occupants
				- .
50	1.5	64	1.5	97. Unknown - only injured reported
19	0.6	29	0.7	99. Unknown

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

N	Prcnt	WGHT	Prcnt	VEHICLE MAKE
3	0.1	3	0.1	03. AM General
21	0.6	26	0.6	07. Dodge
445	13.1	572	13.0	12. Ford
111	3.3	154	3.5	20. Chevrolet
184	5.4	241	5.5	23. GMC

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N	Prct	WGHT	Prct	Var 108	VEHICLE MAKE
2	0.1	3	0.1	35.	Datsun/Nissan
24	0.7	33	0.7	38.	Isuzu
9	0.3	13	0.3	42.	Mercedes-Benz
26	0.8	28	0.6	51.	Volvo
6	0.2	7	0.2	52.	Mitsubishi
1	0.0	2	0.0	80.	Brockway
2	0.1	2	0.0	81.	Diamond-Reo
639	18.8	785	17.8	82.	Freightliner
2	0.1	3	0.1	83.	FWD
746	21.9	971	22.0	84.	International
369	10.8	471	10.7	85.	Kenworth
374	11.0	508	11.5	86.	Mack
318	9.3	412	9.4	87.	Peterbilt
12	0.4	18	0.4	88.	Iveco/Magirus
79	2.3	103	2.3	98.	Other make
31	0.9	49	1.1	99.	Unknown

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

N	Prct	WGHT	Prct	VEHICLE MAKE-MODEL
1	0.0	1	0.0	03884. AM General Med/Hvy Truck
2	0.1	2	0.0	03899. Am General Unk Med/Hvy Truck
2	0.1	2	0.0	07471. Dodge D50,Colt Pickup,Ram 50/100
9	0.3	9	0.2	07481. Dodge D,W-series Pickup
2	0.1	2	0.0	07499. Dodge Unk lt Truck
2	0.1	3	0.1	07881. Dodge med/hvy CBE
5	0.1	9	0.2	07884. Dodge med/hvy Unk engine location
1	0.0	1	0.0	07898. Dodge Other med/hvy truck
11	0.3	11	0.2	12461. Ford E-series Van
10	0.3	10	0.2	12470. Ford Van derivative
65	1.9	65	1.5	12481. Ford F-series Pickup
2	0.1	2	0.0	12498. Ford Other lt truck
11	0.3	11	0.2	12499. Ford Unk lt truck
188	5.5	259	5.9	12881. Ford Med/Hvy CBE
8	0.2	14	0.3	12882. Ford Med/Hvy COE low entry
16	0.5	20	0.5	12883. Ford Med/Hvy COE high entry
100	2.9	138	3.1	12884. Ford Med/Hvy Unk engine location
3	0.1	5	0.1	12890. Ford Med/Hvy COE Unk entry position
3	0.1	3	0.1	12898. Ford Other Med/Hvy Truck
26	0.8	32	0.7	12899. Ford Unk Med/Hvy Truck
2	0.1	2	0.0	12999. Ford Unknown
3	0.1	3	0.1	20461. Chevrolet G-series Van
1	0.0	1	0.0	20470.
1	0.0	1	0.0	20471. Chevrolet S-10,T-10
20	0.6	20	0.5	20481. Chevrolet C,K,R,V-series Pickup

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

N	Prcnt	WGHT	Prcnt	Var 109	VEHICLE MAKE-MODEL
1	0.0	1	0.0	20498.	Chevrolet Other lt truck
1	0.0	1	0.0	20499.	Chevrolet Unk lt truck
46	1.4	74	1.7	20881.	Chevrolet Med/Hvy CBE
2	0.1	4	0.1	20882.	Chevrolet Med/Hvy COE low entry
3	0.1	4	0.1	20883.	Chevrolet Med/Hvy COE high entry
21	0.6	29	0.7	20884.	Chevrolet Med/Hvy Unk engine location
12	0.4	16	0.4	20899.	Chevrolet Unk med/hvy
2	0.1	2	0.0	23461.	GMC G-series Van
1	0.0	1	0.0	23466.	GMC P-series Van
2	0.1	2	0.0	23470.	GMC Van Derivative
6	0.2	6	0.1	23481.	GMC C,K,R,V-series Pickup
4	0.1	4	0.1	23499.	GMC Unk lt truck
70	2.1	96	2.2	23881.	GMC Med/Hvy CBE
4	0.1	5	0.1	23882.	GMC Med/Hvy COE low entry
17	0.5	20	0.5	23883.	GMC Med/Hvy COE high entry
61	1.8	84	1.9	23884.	GMC Med/Hvy Unk engine location
2	0.1	3	0.1	23890.	GMC Med/Hvy COE Unk entry position
1	0.0	1	0.0	23898.	GMC Other med/hvy trk
14	0.4	17	0.4	23899.	GMC Unk med/hvy trk
1	0.0	2	0.0	35898.	Nissan/Datsun Other med/hvy truck
1	0.0	1	0.0	35899.	Nissan/Datsun Unk med/hvy truck
1	0.0	1	0.0	38401.	Isuzu Trooper/Trooper II
1	0.0	1	0.0	38471.	Isuzu P'up Pickup
1	0.0	1	0.0	38498.	Isuzu Other lt truck
2	0.1	2	0.0	38499.	Isuzu Unk lt truck
6	0.2	8	0.2	38881.	Isuzu Med/Hvy CBE
3	0.1	5	0.1	38882.	Isuzu Med/Hvy COE low entry
1	0.0	1	0.0	38883.	Isuzu Med/Hvy COE high entry
3	0.1	4	0.1	38898.	Isuzu Other med/hvy trk
6	0.2	10	0.2	38899.	Isuzu Unk med/hvy trk
2	0.1	2	0.0	42470.	Mercedes Benz Van Derivative
5	0.1	8	0.2	42884.	Mercedes Benz Med/Hvy Unk engine location
2	0.1	3	0.1	42898.	Mercedes Benz Other med/hvy trk
9	0.3	10	0.2	51881.	Volvo Med/Hvy CBE
10	0.3	10	0.2	51884.	Volvo Med/Hvy Unk engine location
1	0.0	2	0.0	51890.	Volvo Med/Hvy Unk entry position
6	0.2	6	0.1	51899.	Volvo Unk med/hvy trk
2	0.1	2	0.0	52441.	Mitsubishi Mini-van
3	0.1	4	0.1	52882.	Mitsubishi Med/Hvy COE low entry
1	0.0	1	0.0	52899.	Mitsubishi Unk med/hvy truck
1	0.0	2	0.0	80884.	Brockway Med/Hvy Unk engine location
1	0.0	1	0.0	81884.	Diamond Reo Med/Hvy Unk engine location
1	0.0	1	0.0	81899.	Diamond Reo Unk med/hvy trk
207	6.1	254	5.8	82881.	Freightliner Med/Hvy CBE

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

N	Prcnt	WGHT	Prcnt	Var 109	VEHICLE MAKE-MODEL
18	0.5	22	0.5	82882.	Freightliner Med/Hvy COE low entry
159	4.7	184	4.2	82883.	Freightliner Med/Hvy COE high entry
194	5.7	249	5.7	82884.	Freightliner Med/Hvy Unk engine location
21	0.6	26	0.6	82890.	Freightliner Med/Hvy COE Unk entry position
1	0.0	1	0.0	82898.	Freightliner Other med/hvy trk
39	1.1	49	1.1	82899.	Freightliner Unk med/hvy trk
1	0.0	2	0.0	83881.	FWD Med/Hvy CBE
1	0.0	1	0.0	83899.	FWD Unk med/hvy trk
2	0.1	2	0.0	84499.	International Unk lt trk
255	7.5	338	7.7	84881.	International Med/Hvy CBE
17	0.5	23	0.5	84882.	International Med/Hvy COE low entry
171	5.0	220	5.0	84883.	International Med/Hvy COE high entry
226	6.6	301	6.8	84884.	International Med/Hvy Unk engine location
10	0.3	11	0.2	84890.	International Med/Hvy COE Unk entry position
1	0.0	1	0.0	84898.	International Other med/hvy trk
60	1.8	71	1.6	84899.	International Unk med/hvy trk
1	0.0	1	0.0	84997.	International Other Bus
3	0.1	3	0.1	84999.	International Unknown
126	3.7	158	3.6	85881.	Kenworth Med/Hvy CBE
4	0.1	7	0.2	85882.	Kenworth Med/Hvy COE low entry
48	1.4	61	1.4	85883.	Kenworth Med/Hvy COE high entry
150	4.4	193	4.4	85884.	Kenworth Med/Hvy Unk engine location
7	0.2	8	0.2	85890.	Kenworth Med/Hvy COE Unk entry position
2	0.1	2	0.0	85898.	Kenworth Other med/hvy trk
32	0.9	42	1.0	85899.	Kenworth Unk med/hvy trk
141	4.1	196	4.5	86881.	Mack Med/Hvy CBE
21	0.6	30	0.7	86882.	Mack Med/Hvy COE low entry
32	0.9	40	0.9	86883.	Mack Med/Hvy COE high entry
136	4.0	190	4.3	86884.	Mack Med/Hvy Unk engine location
8	0.2	12	0.3	86890.	Mack Med/Hvy COE Unk entry position
2	0.1	2	0.0	86898.	Mack Other med/hvy trk
32	0.9	36	0.8	86899.	Mack Unk med/hvy trk
2	0.1	2	0.0	86999.	Mack Unknown
126	3.7	161	3.7	87881.	Peterbilt Med/Hvy CBE
5	0.1	5	0.1	87882.	Peterbilt Med/Hvy COE low entry
36	1.1	44	1.0	87883.	Peterbilt Med/Hvy COE high entry
116	3.4	157	3.6	87884.	Peterbilt Med/Hvy Unk engine location
13	0.4	17	0.4	87890.	Peterbilt Med/Hvy COE Unk entry position

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

N	Prcnt	WGHT	Prcnt	Var 109	VEHICLE MAKE-MODEL
22	0.6	28	0.6	87899.	Peterbilt Unk med/hvy trk
5	0.1	6	0.1	88881.	Iveco/Magirus Med/Hvy CBE
1	0.0	1	0.0	88883.	Iveco/Magirus Med/Hvy COE high entry
4	0.1	7	0.2	88884.	Iveco/Magirus Med/Hvy Unk engine location
1	0.0	2	0.0	88890.	Iveco/Magirus Med/Hvy COE Unk entry position
1	0.0	2	0.0	88898.	Iveco/Magirus Other med/hvy trk
1	0.0	1	0.0	98498.	Other Make Other Light Truck
10	0.3	16	0.4	98801.	Other Make AUTOCAR
1	0.0	2	0.0	98802.	Other Make AUTO-UNION-DKW
20	0.6	24	0.5	98804.	Other Make WESTERN STAR
3	0.1	3	0.1	98805.	Other Make OSHKOSH
2	0.1	2	0.0	98881.	Other Make Med/Hvy CBE
27	0.8	34	0.8	98884.	Other Make Med/Hvy Unk engine location
3	0.1	5	0.1	98890.	Other Make Med/Hvy COE Unk entry
11	0.3	15	0.3	98898.	Other Make Other med/hvy trk
1	0.0	1	0.0	98999.	Other Make Unknown
3	0.1	4	0.1	99881.	Unknown Make Med/Hvy CBE
8	0.2	14	0.3	99884.	Unknown Make Med/Hvy Unk engine location
1	0.0	1	0.0	99898.	Unknown Make Other med/hvy trk
14	0.4	22	0.5	99899.	Unknown Make med/hvy trk
5	0.1	8	0.2	99999.	Unknown Make Unknown Vehicle

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

N	Prcnt	WGHT	Prcnt	BODY TYPE
				Van Based Light Truck (GVWR < 10,000 lb)
3	0.1	3	0.1	20. Minivan
16	0.5	16	0.4	21. Large Van (excludes moving van)
1	0.0	1	0.0	22. Step Van or walk-in van
10	0.3	10	0.2	28. Other Van type
10	0.3	10	0.2	29. Unknown Van type
				Light Truck (GVWR < 10,000 lbs.)
12	0.4	12	0.3	30. Compact Pickup (GVWR < 4,500 lbs.)
58	1.7	58	1.3	31. Standard Pickup (GVWR 4,500 to 10,000 lbs.)
3	0.1	3	0.1	32. Pickup w/Slide-in Camper
9	0.3	9	0.2	39. Unknown Pickup type
				Other Light Truck (GVWR 10,000 lbs.)
43	1.3	43	1.0	40. Cab chassis Based

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

N	Prcnt	WGHT	Prcnt	Var 110	BODY TYPE
1	0.0	1	0.0		48. Unknown Light Conventional type (not pickup)
Heavy/Medium Truck (GVWR > 10,000 lbs.)					
41	1.2	70	1.6		60. Step Van
120	3.5	197	4.5		61. Single Unit Truck low GVWR (10,000 lbs < GVWR < or = 19,500 lbs.)
105	3.1	164	3.7		62. Single Unit Truck medium GVWR (19,500 lbs. < GVWR < or = 26,000 lbs)
239	7.0	375	8.5		63. Single Unit Truck high GVWR (GVWR > 26,000 lbs.)
108	3.2	164	3.7		64. Single Unit Truck unk GVWR
0	0.0	0	0.0		65. Med/Hvy truck based Motorhome
2414	70.9	3056	69.4		66. Truck/Tractor (cab only, or w/ any number of trailing units; any weight)
18	0.5	18	0.4		71. Unknown if Single Unit or Combination Unit Med Trk (10,000 < GVWR < 26,000 lbs.)
42	1.2	42	1.0		72. Unknown if Single Unit or Combination Unit Hvy Trk (GVWR > 26,000 lbs.)
0	0.0	0	0.0		73. Camper or Motorhome, unk truck type
137	4.0	138	3.1		78. Unknown Med/Hvy truck type
8	0.2	8	0.2		79. Unknown Truck type (light/med/hvy)
6	0.2	6	0.1		99. Unknown Body Type

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

N	Prcnt	WGHT	Prcnt	MODEL YEAR
1	0.0	1	0.0	52. 1952
				- .
99	2.9	149	3.4	78. 1978
150	4.4	203	4.6	79. 1979
108	3.2	145	3.3	80. 1980
109	3.2	149	3.4	81. 1981
114	3.3	148	3.4	82. 1982
92	2.7	123	2.8	83. 1983
230	6.8	289	6.6	84. 1984
262	7.7	342	7.8	85. 1985
244	7.2	315	7.2	86. 1986
269	7.9	353	8.0	87. 1987
334	9.8	424	9.6	88. 1988

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

N	Prcnt	WGHT	Prcnt	Var 111	MODEL YEAR
385	11.3	467	10.6	89.	1989
340	10.0	407	9.2	90.	1990
226	6.6	262	5.9	91.	1991
18	0.5	23	0.5	92.	1992
34	1.0	52	1.2	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	WGHT	Prcnt	REGISTRATION STATE
1	0.0	1	0.0	00. Not applicable
85	2.5	118	2.7	01. Alabama
0	0.0	0	0.0	02. Alaska
0	0.0	0	0.0	03. American Samoa
20	0.6	24	0.5	04. Arizona
31	0.9	41	0.9	05. Arkansas
252	7.4	331	7.5	06. California
16	0.5	24	0.5	08. Colorado
12	0.4	16	0.4	09. Connecticut
15	0.4	21	0.5	10. Delaware
1	0.0	1	0.0	11. District of Columbia
168	4.9	203	4.6	12. Florida
109	3.2	141	3.2	13. Georgia
0	0.0	0	0.0	14. Guam
0	0.0	0	0.0	15. Hawaii
21	0.6	26	0.6	16. Idaho
71	2.1	89	2.0	17. Illinois
95	2.8	118	2.7	18. Indiana
20	0.6	29	0.7	19. Iowa
29	0.9	37	0.8	20. Kansas
43	1.3	65	1.5	21. Kentucky
49	1.4	69	1.6	22. Louisiana
13	0.4	19	0.4	23. Maine
40	1.2	55	1.2	24. Maryland
20	0.6	24	0.5	25. Massachusetts
94	2.8	128	2.9	26. Michigan
72	2.1	87	2.0	27. Minnesota
35	1.0	57	1.3	28. Mississippi
29	0.9	42	1.0	29. Missouri
15	0.4	19	0.4	30. Montana
19	0.6	24	0.5	31. Nebraska

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

N	Prcnt	WGHT	Prcnt	Var 123	REGISTRATION STATE
5	0.1	6	0.1	32.	Nevada
7	0.2	9	0.2	33.	New Hampshire
77	2.3	97	2.2	34.	New Jersey
17	0.5	22	0.5	35.	New Mexico
81	2.4	121	2.7	36.	New York
153	4.5	187	4.2	37.	North Carolina
10	0.3	11	0.2	38.	North Dakota
144	4.2	174	4.0	39.	Ohio
100	2.9	120	2.7	40.	Oklahoma
34	1.0	48	1.1	41.	Oregon
126	3.7	180	4.1	42.	Pennsylvania
0	0.0	0	0.0	43.	Puerto Rico
2	0.1	3	0.1	44.	Rhode Island
50	1.5	68	1.5	45.	South Carolina
21	0.6	27	0.6	46.	South Dakota
45	1.3	59	1.3	47.	Tennessee
216	6.3	292	6.6	48.	Texas
33	1.0	39	0.9	49.	Utah
9	0.3	10	0.2	50.	Vermont
75	2.2	100	2.3	51.	Virginia
0	0.0	0	0.0	52.	Virgin Islands
29	0.9	39	0.9	53.	Washington
17	0.5	24	0.5	54.	West Virginia
43	1.3	65	1.5	55.	Wisconsin
6	0.2	7	0.2	56.	Wyoming
63	1.9	85	1.9	92.	No registration
437	12.8	519	11.8	93.	Multiple state registration - in state
121	3.6	141	3.2	94.	Multiple state registration - out-of-state
6	0.2	8	0.2	95.	U.S. government tags
8	0.2	10	0.2	96.	Military vehicle
21	0.6	28	0.6	97.	Foreign country
2	0.1	3	0.1	98.	Other registration
71	2.1	93	2.1	99.	Unknown

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

N	Prcnt	WGHT	Prcnt	REGISTERED VEHICLE OWNER
64	1.9	86	2.0	0. N/A, Vehicle Not Registered
298	8.8	397	9.0	1. Driver was Registered Owner
363	10.7	484	11.0	2. Driver Not Registered Owner (other private owner listed)
2482	72.9	3182	72.3	3. Vehicle registered as Business/Company/Government vehicle
87	2.6	108	2.5	4. Vehicle registered as Rental vehicle

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

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N	Prcnt	WGHT	Prcnt	Var 124	REGISTERED VEHICLE OWNER
2	0.1	2	0.0	5.	Vehicle was Stolen (reported by police)
35	1.0	49	1.1	6.	Driverless Vehicle
73	2.1	96	2.2	9.	Unknown

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

N	Prcnt	WGHT	Prcnt	ROLLOVER
2934	86.2	3785	85.9	0. No rollover
139	4.1	189	4.3	1. First event
331	9.7	430	9.8	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	WGHT	Prcnt	JACKKNIFE
1228	36.1	1588	36.1	0. Not an articulated vehicle
1992	58.5	2581	58.6	1. No
64	1.9	88	2.0	2. First event
120	3.5	147	3.3	3. Subsequent event

Variable 127 **TRAVEL SPEED** MD1: 99 Field Width: 2
MD2: None Type: Numeric

N	Prcnt	WGHT	Prcnt	TRAVEL SPEED
157	4.6	196	4.5	00. Stopped vehicle
0	0.0	0	0.0	01.
				- . Actual miles per hour
1	0.0	1	0.0	96.
0	0.0	0	0.0	97. 97 mph or greater
1606	47.2	2110	47.9	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

Variable	128	HAZARDOUS CARGO	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prct	WGHT	Prct	HAZARDOUS CARGO
3140	92.2	4063	92.3	0. No
64	1.9	84	1.9	1. Yes, Placarded
3	0.1	3	0.1	2. Yes, Not Placarded
78	2.3	101	2.3	3. Yes, Unknown if Placarded
119	3.5	153	3.5	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	Prct	WGHT	Prct	VEHICLE TRAILERING
979	28.8	1339	30.4	0. No
2199	64.6	2839	64.5	1. Yes, one trailing unit
146	4.3	146	3.3	2. Yes, two trailing units
12	0.4	12	0.3	3. Yes, three or more trailing units
23	0.7	23	0.5	4. Yes, number of trailing units unknown
45	1.3	45	1.0	9. Unknown

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

N	Prct	WGHT	Prct	VEHICLE CONFIGURATION
400	11.8	481	10.9	0. Not Applicable, not a hvy truck or bus
220	6.5	332	7.5	1. Single Unit Truck (SUT): 2axles, 6tires
185	5.4	264	6.0	2. SUT: 3 or more axles
340	10.0	422	9.6	3. Truck/Trailer(s)
80	2.4	80	1.8	4. Truck Tractor (bobtail)
1892	55.6	2422	55.0	5. Tractor/Semi-trailer
239	7.0	347	7.9	6. Heavy Truck, cannot classify
0	0.0	0	0.0	7. Bus
48	1.4	56	1.3	9. Unknown Vehicle Type

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS VEHICLE VARIABLES

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

N Prcnt		WGHT Prcnt		NUMBER OF AXLES
400	11.8	481	10.9	00. Not Applicable, not a truck or bus
238	7.0	350	7.9	02.
				- . Number of axles
1	0.0	2	0.0	18.
1118	32.8	1447	32.9	98. Heavy Truck or Bus, Number of axles Unknown
49	1.4	58	1.3	99. Unknown Type Unknown

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

N Prcnt		WGHT Prcnt		CARGO BODY TYPE
380	11.2	453	10.3	00. Not Applicable, not a truck or bus
1310	38.5	1701	38.6	01. Van/Enclosed Box
188	5.5	235	5.3	02. Cargo Tank
336	9.9	446	10.1	03. Flatbed
184	5.4	273	6.2	04. Dump
9	0.3	13	0.3	05. Concrete Mixer
17	0.5	25	0.6	06. Auto Transporter
50	1.5	78	1.8	07. Garbage/Refuse
598	17.6	752	17.1	08. Heavy Truck, Other Body Type
0	0.0	0	0.0	09. Bus
332	9.8	428	9.7	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		WGHT Prcnt		SPECIAL USE
3390	99.6	4387	99.6	0. No special use
0	0.0	0	0.0	1. Taxi
0	0.0	0	0.0	2. Vehicle used as school bus
0	0.0	0	0.0	3. Vehicle used as other bus
7	0.2	9	0.2	4. Military
0	0.0	0	0.0	5. Police
0	0.0	0	0.0	6. Ambulance
0	0.0	0	0.0	7. Firetruck
7	0.2	8	0.2	9. Unknown

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

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

N	Prct	WGHT	Prct	EMERGENCY USE
3402	99.9	4402	100.0	0. No
2	0.1	2	0.0	1. Yes

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

N	Prct	WGHT	Prct	IMPACT POINT - INITIAL
107	3.1	142	3.2	00. Noncollision
247	7.3	318	7.2	01. 1 o'clock
64	1.9	86	2.0	02. 2 o'clock
79	2.3	108	2.5	03. 3 o'clock
49	1.4	60	1.4	04. 4 o'clock
61	1.8	83	1.9	05. 5 o'clock
344	10.1	439	10.0	06. 6 o'clock
117	3.4	155	3.5	07. 7 o'clock
129	3.8	170	3.9	08. 8 o'clock
115	3.4	143	3.2	09. 9 o'clock
73	2.1	98	2.2	10. 10 o'clock
324	9.5	413	9.4	11. 11 o'clock
1527	44.9	1977	44.9	12. 12 o'clock
12	0.4	14	0.3	13. Top
104	3.1	126	2.9	14. Undercarriage
0	0.0	0	0.0	15. Underride
6	0.2	10	0.2	16. Override
46	1.4	62	1.4	99. Unknown

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

N	Prct	WGHT	Prct	IMPACT POINT - PRINCIPAL
107	3.1	142	3.2	00. Noncollision
233	6.8	296	6.7	01. 1 o'clock
63	1.9	85	1.9	02. 2 o'clock
89	2.6	117	2.7	03. 3 o'clock
46	1.4	57	1.3	04. 4 o'clock
67	2.0	92	2.1	05. 5 o'clock
336	9.9	428	9.7	06. 6 o'clock
129	3.8	166	3.8	07. 7 o'clock
122	3.6	160	3.6	08. 8 o'clock

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N Prcnt		WGHT Prcnt		Var 136	IMPACT POINT - PRINCIPAL
119	3.5	152	3.5	09.	9 o'clock
69	2.0	90	2.0	10.	10 o'clock
272	8.0	354	8.0	11.	11 o'clock
1477	43.4	1917	43.5	12.	12 o'clock
33	1.0	38	0.9	13.	Top
160	4.7	202	4.6	14.	Undercarriage
0	0.0	0	0.0	15.	Underride
34	1.0	43	1.0	16.	Override
48	1.4	65	1.5	99.	Unknown

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

N Prcnt		WGHT Prcnt		EXTENT OF DEFORMATION
218	6.4	295	6.7	0. None
591	17.4	749	17.0	2. Other (minor)
824	24.2	1049	23.8	4. Functional (moderate)
1666	48.9	2167	49.2	6. Disabling (severe)
105	3.1	144	3.3	9. Unknown

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

N Prcnt		WGHT Prcnt		VEHICLE ROLE
113	3.3	150	3.4	0. Noncollision
2278	66.9	2952	67.0	1. Striking
933	27.4	1209	27.5	2. Struck
76	2.2	88	2.0	3. Both
4	0.1	5	0.1	9. Unknown

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

N Prcnt		WGHT Prcnt		MANNER OF LEAVING SCENE
986	29.0	1282	29.1	1. Driven
2298	67.5	2967	67.4	2. Towed away
14	0.4	18	0.4	3. Abandoned/Left at Scene
106	3.1	137	3.1	9. Unknown

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

N	Prct	WGHT	Prct	FIRE OCCURRENCE
3228	94.8	4182	95.0	0. No fire
176	5.2	222	5.0	1. Fire occurred in vehicle during accident

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

N	Prct	WGHT	Prct	VEHICLE MANEUVER
2433	71.5	3160	71.8	01. Going straight
63	1.9	82	1.9	02. Slowing or stopping in traffic lane
30	0.9	37	0.8	03. Starting in traffic lane
154	4.5	192	4.4	04. Stopped in traffic lane
54	1.6	70	1.6	05. Passing or overtaking another vehicle
4	0.1	4	0.1	06. Leaving a parked position
0	0.0	0	0.0	07. Parked
0	0.0	0	0.0	08. Entering a parked position
73	2.1	98	2.2	09. Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc.
2	0.1	2	0.0	10. Turning right: Right Turn On Red (RTOR) permitted
0	0.0	0	0.0	11. Turning right: RTOR not permitted
46	1.4	65	1.5	12. Turning right: RTOR not known if permitted or n/a
123	3.6	162	3.7	13. Turning left
13	0.4	17	0.4	14. Making a U-turn
46	1.4	64	1.5	15. Backing up (other than for parking purposes)
34	1.0	42	1.0	16. Changing lanes or merging
315	9.3	392	8.9	17. Negotiating a curve
11	0.3	14	0.3	98. Other
3	0.1	3	0.1	99. Unknown

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

N	Prct	WGHT	Prct	CRASH AVOIDANCE MANUEVER
1257	36.9	1607	36.5	0. No Avoidance Maneuver Reported
357	10.5	473	10.7	1. Braking (skidmarks evident)
80	2.4	106	2.4	2. Braking (no skidmarks; driver stated)

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N	Prct	WGHT	Prct	Var 143	CRASH AVOIDANCE MANUEVER
46	1.4	54	1.2	3.	Braking (other reported evidence)
302	8.9	391	8.9	4.	Steering (evidence or stated)
250	7.3	332	7.5	5.	Steer & Braking (evidence or stated)
33	1.0	47	1.1	6.	Other Avoidance Maneuver
1079	31.7	1394	31.7	8.	Not Reported (by Police)

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

N	Prct	WGHT	Prct	MOST HARMFUL EVENT
236	6.9	322	7.3	01. Overturn
58	1.7	70	1.6	02. Fire/explosion
4	0.1	6	0.1	03. Immersion
0	0.0	0	0.0	04. Gas inhalation
19	0.6	22	0.5	05. Fell from vehicle
1	0.0	1	0.0	06. Injured in vehicle
8	0.2	10	0.2	07. Other noncollision
261	7.7	332	7.5	08. Pedestrian
58	1.7	73	1.7	09. Pedalcycle
20	0.6	27	0.6	10. Railway train
1	0.0	1	0.0	11. Animal
2549	74.9	3306	75.1	12. Motor-vehicle in transport
61	1.8	72	1.6	13. Motor-vehicle in transport in other roadway
21	0.6	27	0.6	14. Parked motor-vehicle
5	0.1	6	0.1	15. Other type nonmotorist
0	0.0	0	0.0	16. Thrown or falling object
0	0.0	0	0.0	17. Boulder
5	0.1	6	0.1	18. Other object (not fixed)
2	0.1	2	0.0	19. Building
0	0.0	0	0.0	20. Impact attenuator/crash cushion
16	0.5	17	0.4	21. Bridge pier or abutment
1	0.0	1	0.0	22. Bridge parapet end
4	0.1	4	0.1	23. Bridge rail
15	0.4	20	0.5	24. Guardrail
5	0.1	9	0.2	25. Concrete traffic barrier
1	0.0	1	0.0	26. Other longitudinal barrier type
1	0.0	1	0.0	27. Highway/traffic sign post
0	0.0	0	0.0	28. Overhead sign support
0	0.0	0	0.0	29. Luminaire/light support
8	0.2	11	0.2	30. Utility pole
0	0.0	0	0.0	31. Other post, pole or supports
3	0.1	3	0.1	32. Culvert
0	0.0	0	0.0	33. Curb
4	0.1	7	0.2	34. Ditch
7	0.2	9	0.2	35. Embankment - earth
1	0.0	1	0.0	36. Embankment - rock, stone or concrete

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N	Prcnt	WGHT	Prcnt	Var 144	MOST HARMFUL EVENT
6	0.2	8	0.2	37.	Embankment - material type unknown
0	0.0	0	0.0	38.	Fence
1	0.0	2	0.0	39.	Wall
0	0.0	0	0.0	40.	Fire hydrant
0	0.0	0	0.0	41.	Shrubbery
19	0.6	24	0.5	42.	Tree
3	0.1	3	0.1	43.	Other fixed object
0	0.0	0	0.0	44.	Pavement surface irregularity (pothole, grooved, grates)
0	0.0	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
- 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)

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

N Prcnt	WGHT Prcnt	Var 144 MOST HARMFUL EVENT
		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	WGHT Prcnt	NUMBER OF DEATHS IN VEHICLE
2920 85.8	3768 85.6	00. 0 deaths
466 13.7	613 13.9	01. 1 death
17 0.5	22 0.5	02. 2 deaths
1 0.0	1 0.0	03. 3 deaths

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

N Prcnt	WGHT Prcnt	VIN TRUCK FUEL CODE
0 0.0	0 0.0	1. (E) Electric operated
268 7.9	353 8.0	2. (G) Gas
2452 72.0	3118 70.8	3. (D) Diesel
2 0.1	3 0.1	4. (P) Propane
2 0.1	3 0.1	7. (*) Not available from VIN
25 0.7	36 0.8	8. (b) Unknown
655 19.2	891 20.2	9. (9) No VIN information

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

N Prcnt		WGHT Prcnt		VIN TRUCK WEIGHT CODE
0	0.0	0	0.0	1. 6,000 or less
4	0.1	7	0.2	2. 6,001 - 10,000
124	3.6	139	3.2	3. 10,001 - 14,000
42	1.2	52	1.2	4. 14,001 - 16,000
35	1.0	46	1.0	5. 16,001 - 19,500
201	5.9	287	6.5	6. 19,501 - 26,000
321	9.4	428	9.7	7. 26,001 - 33,000
2019	59.3	2550	57.9	8. 33,001 or more
658	19.3	895	20.3	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		WGHT Prcnt		LENGTH OF VIN
0	0.0	0	0.0	00.
				- . Actual value
2522	74.1	3189	72.4	17.
151	4.4	193	4.4	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 V325 (INJURY SEVERITY).

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

N Prcnt		WGHT Prcnt		NO. UNINJURED IN VEHICLE
1432	42.1	1860	42.2	00. 0 uninjured
1733	50.9	2235	50.7	01. 1 uninjured
210	6.2	277	6.3	02. 2 uninjured
20	0.6	23	0.5	03. 3 uninjured
6	0.2	6	0.1	04. 4 uninjured
2	0.1	2	0.0	05. 5 uninjured

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

N	Prcnt	WGHT	Prcnt	NO. C-INJURED IN VEHICLE
2953	86.8	3823	86.8	00. 0 C-injured
424	12.5	544	12.4	01. 1 C-injured
26	0.8	35	0.8	02. 2 C-injured
1	0.0	2	0.0	03. 3 C-injured

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

N	Prcnt	WGHT	Prcnt	NO. B-INJURED IN VEHICLE
3000	88.1	3879	88.1	00. 0 B-injured
375	11.0	485	11.0	01. 1 B-injured
26	0.8	35	0.8	02. 2 B-injured
2	0.1	3	0.1	03. 3 B-injured
1	0.0	2	0.0	04. 4 B-injured

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

N	Prcnt	WGHT	Prcnt	NO. A-INJURED IN VEHICLE
3174	93.2	4107	93.3	00. 0 A-injured
220	6.5	285	6.5	01. 1 A-injured
8	0.2	10	0.2	02. 2 A-injured
1	0.0	1	0.0	03. 3 A-injured
1	0.0	1	0.0	04. 4 A-injured

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

N	Prcnt	WGHT	Prcnt	NO. K-INJURED IN VEHICLE
2920	85.8	3768	85.6	00. 0 killed
466	13.7	613	13.9	01. 1 killed
17	0.5	22	0.5	02. 2 killed
1	0.0	1	0.0	03. 3 killed

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

N	Prcnt	WGHT	Prcnt	NO. UNK INJURED IN VEHICLE
3401	99.9	4400	99.9	00. 0 unknown injured
3	0.1	4	0.1	01. 1 unknown injured

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

N	Prcnt	WGHT	Prcnt	1ST RESPONSE
3098	91.0	4001	90.8	00. None
				Defective
32	0.9	43	1.0	01. Tires
86	2.5	113	2.6	02. Brake system
9	0.3	11	0.2	03. Steering system - tie-rod, kingpin, ball-joint, etc.
3	0.1	4	0.1	04. Suspension - springs, shock-absorbers, MacPherson-struts, control-arm, etc.
4	0.1	5	0.1	05. Power train - universal-joint, drive-shaft, transmission, etc.
0	0.0	0	0.0	06. Exhaust system
3	0.1	4	0.1	07. Headlights
1	0.0	2	0.0	08. Signal lights
14	0.4	21	0.5	09. Other lights
0	0.0	0	0.0	10. Horn
0	0.0	0	0.0	11. Mirrors
0	0.0	0	0.0	12. Wipers
0	0.0	0	0.0	13. Driver seating and control
1	0.0	1	0.0	14. Body, doors, other
18	0.5	23	0.5	15. Trailer hitch
4	0.1	6	0.1	16. Wheels
18	0.5	23	0.5	18. Other vehicle defects
32	0.9	44	1.0	31. Hit-and-run vehicle
0	0.0	0	0.0	32. Vehicle registration for handicapped
0	0.0	0	0.0	33. Vehicle being pushed by nonmotorist
81	2.4	103	2.3	99. Unknown

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

N	Prcnt	WGHT	Prcnt	2ND RESPONSE
3298	96.9	4262	96.8	00. None
				Defective
3	0.1	5	0.1	01. Tires
6	0.2	10	0.2	02. Brake system
0	0.0	0	0.0	03. Steering system - tie-rod, kingpin, ball-joint, etc.
2	0.1	3	0.1	04. Suspension - springs, shock-absorbers, MacPherson-struts, control-arm, etc.
0	0.0	0	0.0	05. Power train - universal-joint, drive-shaft, transmission, etc.
0	0.0	0	0.0	06. Exhaust system
1	0.0	1	0.0	07. Headlights
3	0.1	4	0.1	08. Signal lights
2	0.1	2	0.0	09. Other lights
0	0.0	0	0.0	10. Horn
1	0.0	2	0.0	11. Mirrors
0	0.0	0	0.0	12. Wipers
0	0.0	0	0.0	13. Driver seating and control
0	0.0	0	0.0	14. Body, doors, other
0	0.0	0	0.0	15. Trailer hitch
0	0.0	0	0.0	16. Wheels
5	0.1	9	0.2	18. Other vehicle defects
2	0.1	3	0.1	31. Hit-and-run vehicle
0	0.0	0	0.0	32. Vehicle registration for handicapped
0	0.0	0	0.0	33. Vehicle being pushed by nonmotorist
81	2.4	103	2.3	99. Unknown

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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		WGHT Prcnt		DRIVER PRESENCE
3362	98.8	4345	98.7	1. Driver operated vehicle
37	1.1	52	1.2	2. Driverless
5	0.1	7	0.2	3. Driver left scene
0	0.0	0	0.0	9. Unknown

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

N Prcnt		WGHT Prcnt		DRIVER DRINKING
3274	96.2	4241	96.3	0. No drinking reported
130	3.8	163	3.7	1. Drinking reported
0	0.0	0	0.0	9. Unknown

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

N Prcnt		WGHT Prcnt		LICENSE STATE
100	2.9	137	3.1	01. Alabama
0	0.0	0	0.0	02. Alaska
0	0.0	0	0.0	03. American Samoa
43	1.3	50	1.1	04. Arizona
70	2.1	89	2.0	05. Arkansas
262	7.7	348	7.9	06. California
39	1.1	50	1.1	08. Colorado
16	0.5	19	0.4	09. Connecticut
12	0.4	15	0.3	10. Delaware
9	0.3	12	0.3	11. District of Columbia
191	5.6	231	5.2	12. Florida
123	3.6	154	3.5	13. Georgia
0	0.0	0	0.0	14. Guam
0	0.0	0	0.0	15. Hawaii
22	0.6	30	0.7	16. Idaho
109	3.2	144	3.3	17. Illinois

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N	Prcnt	WGHT	Prcnt	Var 209	LICENSE STATE
89	2.6	112	2.5	18.	Indiana
71	2.1	95	2.2	19.	Iowa
40	1.2	49	1.1	20.	Kansas
74	2.2	103	2.3	21.	Kentucky
71	2.1	92	2.1	22.	Louisiana
16	0.5	23	0.5	23.	Maine
39	1.1	51	1.2	24.	Maryland
16	0.5	20	0.5	25.	Massachusetts
105	3.1	136	3.1	26.	Michigan
58	1.7	72	1.6	27.	Minnesota
60	1.8	89	2.0	28.	Mississippi
104	3.1	128	2.9	29.	Missouri
17	0.5	21	0.5	30.	Montana
40	1.2	48	1.1	31.	Nebraska
13	0.4	15	0.3	32.	Nevada
8	0.2	11	0.2	33.	New Hampshire
54	1.6	68	1.5	34.	New Jersey
26	0.8	34	0.8	35.	New Mexico
110	3.2	158	3.6	36.	New York
169	5.0	202	4.6	37.	North Carolina
14	0.4	17	0.4	38.	North Dakota
163	4.8	193	4.4	39.	Ohio
52	1.5	68	1.5	40.	Oklahoma
54	1.6	72	1.6	41.	Oregon
142	4.2	199	4.5	42.	Pennsylvania
0	0.0	0	0.0	43.	Puerto Rico
11	0.3	13	0.3	44.	Rhode Island
75	2.2	97	2.2	45.	South Carolina
18	0.5	22	0.5	46.	South Dakota
80	2.4	93	2.1	47.	Tennessee
248	7.3	333	7.6	48.	Texas
24	0.7	29	0.7	49.	Utah
8	0.2	8	0.2	50.	Vermont
82	2.4	108	2.5	51.	Virginia
0	0.0	0	0.0	52.	Virgin Islands
40	1.2	53	1.2	53.	Washington
23	0.7	31	0.7	54.	West Virginia
98	2.9	125	2.8	55.	Wisconsin
4	0.1	5	0.1	56.	Wyoming
1	0.0	2	0.0	94.	Military
20	0.6	26	0.6	95.	Canada
1	0.0	1	0.0	96.	Mexico
3	0.1	6	0.1	97.	Other foreign country
67	2.0	97	2.2	99.	Unknown

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Variable	210	LICENSE STATUS		MD1:	9	Field Width:	1
				MD2:	None	Type:	Numeric
N	Prct	WGHT	Prct	LICENSE STATUS, REGARDLESS OF VEH. DRIVEN			
				No valid license			
11	0.3	18	0.4	0. Not licensed			
56	1.6	76	1.7	1. Suspended			
7	0.2	10	0.2	2. Revoked			
22	0.6	23	0.5	3. Expired			
3	0.1	4	0.1	4. Canceled or denied			
				Valid license			
469	13.8	637	14.5	5. Single class license			
2731	80.2	3484	79.1	6. Multiple class license			
1	0.0	2	0.0	7. Learner's permit			
1	0.0	1	0.0	8. Temporary			
103	3.0	149	3.4	9. Unknown			

Variable	211	LICENSE CLASS COMPLIANCE		MD1:	9	Field Width:	1
				MD2:	None	Type:	Numeric
N	Prct	WGHT	Prct	LICENSE COMPLIANCE (FOR THIS CLASS VEH.)			
12	0.4	20	0.5	0. Not licensed			
6	0.2	8	0.2	1. No license required for this class vehicle			
136	4.0	174	4.0	2. No valid license for this class vehicle			
3146	92.4	4051	92.0	3. Valid license for this class vehicle			
104	3.1	151	3.4	9. Unknown			

Variable	212	CDL LICENSE STATUS		MD1:	9	Field Width:	1
				MD2:	None	Type:	Numeric
N	Prct	WGHT	Prct	COMMERCIAL MOTOR VEHICLE LICENSE STATUS			
1973	58.0	2587	58.7	0. No Commercial Driver's License (CDL) (CDL not required for this veh)			
26	0.8	32	0.7	1. No CDL (CDL Required)			
39	1.1	48	1.1	2. No CDL (Unknown if CDL Required)			
621	18.2	797	18.1	3. CDL (CDL Not Required)			
417	12.3	525	11.9	4. CDL (CDL Required)			
165	4.8	194	4.4	5. CDL (Unknown if CDL Required)			
8	0.2	13	0.3	6. Unknown CDL (CDL Not Required)			
9	0.3	9	0.2	7. Unknown CDL (CDL Required)			
146	4.3	199	4.5	9. Unknown CDL (Unknown if CDL Required)			

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

N Prcnt		WGHT Prcnt		COMPLIANCE WITH LICENSE ENDORSEMENTS
2669	78.4	3466	78.7	0. No Endorsements
413	12.1	524	11.9	1. Endorsement(s) complied with
2	0.1	3	0.1	2. Endorsement(s) not complied with
117	3.4	142	3.2	3. Endorsement(s), compliance unknown
203	6.0	269	6.1	9. Unknown

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

N Prcnt		WGHT Prcnt		COMPLIANCE WITH LICENSE RESTRICTIONS
2590	76.1	3340	75.8	0. No restrictions or not applicable
150	4.4	194	4.4	1. Restrictions complied with
5	0.1	5	0.1	2. Restrictions not complied with
535	15.7	693	15.7	3. Restrictions, compliance unknown
124	3.6	172	3.9	9. Unknown

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

N Prcnt		WGHT Prcnt		VIOLATIONS CHARGED
2855	83.9	3676	83.5	0. None
16	0.5	20	0.5	1. Alcohol or drugs
22	0.6	28	0.6	2. Speeding
2	0.1	3	0.1	3. Alcohol or drugs and speeding
33	1.0	41	0.9	4. Reckless driving
9	0.3	13	0.3	5. Driving with a suspended or revoked license
219	6.4	291	6.6	6. Other moving violation
58	1.7	85	1.9	7. Nonmoving violation
25	0.7	35	0.8	8. Violation, type unknown or other violation
165	4.8	212	4.8	9. Unknown

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

N	Prct	WGHT	Prct	NUMBER OF PREVIOUS RECORDED ACCIDENTS
2538	74.6	3277	74.4	00. 0 accidents
577	17.0	739	16.8	01. 1 accident
134	3.9	176	4.0	02. 2 accidents
24	0.7	31	0.7	03. 3 accidents
1	0.0	1	0.0	04. 4 accidents
1	0.0	2	0.0	05. 5 accidents
129	3.8	178	4.0	99. Unknown

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

N	Prct	WGHT	Prct	NUMBER OF PREVIOUS SUSPENSIONS/REVOCATION
2953	86.8	3793	86.1	00. 0 suspensions
225	6.6	292	6.6	01. 1 suspension
61	1.8	85	1.9	02. 2 suspensions
29	0.9	41	0.9	03. 3 suspensions
9	0.3	14	0.3	04. 4 suspensions
7	0.2	9	0.2	05. 5 suspensions
				- .
115	3.4	161	3.7	99. Unknown

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

N	Prct	WGHT	Prct	NUMBER OF PREVIOUS DWI CONVICTIONS
3230	94.9	4160	94.5	00. 0 DWI convictions
53	1.6	74	1.7	01. 1 DWI conviction
6	0.2	9	0.2	02. 2 DWI convictions
115	3.4	161	3.7	99. Unknown

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

N	Prct	WGHT	Prct	NUMBER OF PREVIOUS SPEEDING CONVICTIONS
2118	62.2	2750	62.4	00. 0 speed convictions
681	20.0	864	19.6	01. 1 speed conviction
272	8.0	344	7.8	02. 2 speed convictions
125	3.7	158	3.6	03. 3 speed convictions
49	1.4	63	1.4	04. 4 speed convictions

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N	Prcnt	WGHT	Prcnt	Var	219	NUM PREV SPEEDING CONV
27	0.8	39	0.9	05.	5	speed convictions
115	3.4	161	3.7	99.		Unknown

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

N	Prcnt	WGHT	Prcnt	NO. PREVIOUS OTHER HARMFUL MV CONVICTIONS
2500	73.4	3233	73.4	00. 0 other convictions
560	16.5	718	16.3	01. 1 other conviction
151	4.4	193	4.4	02. 2 other convictions
43	1.3	52	1.2	03. 3 other convictions
16	0.5	20	0.5	04. 4 other convictions
10	0.3	13	0.3	05. 5 other convictions
115	3.4	161	3.7	99. Unknown

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

N	Prcnt	WGHT	Prcnt	LAST ACC./SUSPENSION/CONVICTION - MONTH
1354	39.8	1746	39.6	00. No record
169	5.0	213	4.8	01. January
135	4.0	167	3.8	02. February
173	5.1	221	5.0	03. March
161	4.7	209	4.7	04. April
159	4.7	210	4.8	05. May
154	4.5	204	4.6	06. June
172	5.1	224	5.1	07. July
170	5.0	219	5.0	08. August
169	5.0	217	4.9	09. September
190	5.6	254	5.8	10. October
146	4.3	181	4.1	11. November
136	4.0	177	4.0	12. December
116	3.4	162	3.7	99. Unknown

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

N	Prcnt	WGHT	Prcnt	LAST ACC./SUSPENSION/CONVICTION - YEAR
1354	39.8	1746	39.6	00. No record
146	4.3	188	4.3	88. 1988
487	14.3	636	14.4	89. 1989
765	22.5	982	22.3	90. 1990
536	15.7	690	15.7	91. 1991
116	3.4	162	3.7	99. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST ACC./SUSPENSION/CONVICTION - MONTH
1354	39.8	1746	39.6	00. No record
171	5.0	216	4.9	01. January
150	4.4	190	4.3	02. February
170	5.0	219	5.0	03. March
172	5.1	224	5.1	04. April
166	4.9	213	4.8	05. May
157	4.6	202	4.6	06. June
147	4.3	190	4.3	07. July
166	4.9	213	4.8	08. August
159	4.7	201	4.6	09. September
167	4.9	225	5.1	10. October
172	5.1	217	4.9	11. November
137	4.0	186	4.2	12. December
116	3.4	162	3.7	99. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST ACCIDENT/SUSPENSION/CONVICTION - YEAR
1354	39.8	1746	39.6	00. No record
462	13.6	599	13.6	88. 1988
846	24.9	1087	24.7	89. 1989
460	13.5	592	13.4	90. 1990
166	4.9	218	5.0	91. 1991
116	3.4	162	3.7	99. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST RESPONSE
2062	60.6	2647	60.1	00. None
Physical/Mental Condition				
50	1.5	62	1.4	01. Drowsy, sleepy, asleep, fatigued
3	0.1	3	0.1	02. Ill, blackout
1	0.0	1	0.0	03. Emotional (e.g., depression, angry, disturbed)
3	0.1	4	0.1	04. Drugs - medication
3	0.1	3	0.1	05. Other drugs
123	3.6	160	3.6	06. Inattentive (talking, eating, etc.)
0	0.0	0	0.0	07. Restricted to wheelchair
0	0.0	0	0.0	08. Paraplegic
1	0.0	1	0.0	09. Impaired due to previous injury
0	0.0	0	0.0	10. Deaf
0	0.0	0	0.0	11. Other physical impairment
0	0.0	0	0.0	12. Mother of dead fetus
Miscellaneous Causes				
1	0.0	1	0.0	19. Legally driving on suspended or revoked license
31	0.9	43	1.0	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
23	0.7	29	0.7	21. Overloading or improper loading of vehicle with passengers or cargo
2	0.1	3	0.1	22. Towing or pushing vehicle improperly
1	0.0	1	0.0	23. Failing to dim or to have lights on when required
22	0.6	29	0.7	24. Operating without required equipment
0	0.0	0	0.0	25. Creating unlawful noise or using equipment prohibited by law
42	1.2	56	1.3	26. Following improperly
8	0.2	9	0.2	27. Improper or erratic lane changing
197	5.8	259	5.9	28. Failure to keep in proper lane or running off road
2	0.1	2	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median
2	0.1	3	0.1	30. Making improper entry to or exit from trafficway
20	0.6	28	0.6	31. Starting or backing improperly
1	0.0	1	0.0	32. Opening vehicle closure into moving traffic or while vehicle is in motion
4	0.1	5	0.1	33. Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass

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N	Prcnt	WGHT	Prcnt	Var 227	DRIVER RELATED FACTORS-1
1	0.0	2	0.0	34.	Passing on wrong side
11	0.3	14	0.3	35.	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
73	2.1	88	2.0	36.	Operating the vehicle in an erratic, reckless, careless or negligent manner
1	0.0	1	0.0	37.	High speed chase - police in pursuit
120	3.5	156	3.5	38.	Failure to yield right-of-way
50	1.5	68	1.5	39.	Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
0	0.0	0	0.0	40.	Passing through or around barrier
1	0.0	2	0.0	41.	Failure to observe warnings or instructions on vehicles displaying them
3	0.1	3	0.1	42.	Failure to signal intentions
0	0.0	0	0.0	43.	Giving wrong signal
185	5.4	242	5.5	44.	Driving too fast for conditions or in excess of posted maximum
8	0.2	9	0.2	45.	Driving less than posted minimum
0	0.0	0	0.0	46.	Operating at erratic or suddenly changing speeds
1	0.0	1	0.0	47.	Making right turn from left turn lane, making left turn from right turn lane
16	0.5	21	0.5	48.	Making other improper turn
1	0.0	1	0.0	49.	Failure to comply with physical restrictions of license
1	0.0	2	0.0	50.	Driving wrong way on one-way trafficway
18	0.5	24	0.5	51.	Driving on wrong side of road
0	0.0	0	0.0	52.	Operator inexperience
0	0.0	0	0.0	53.	Unfamiliar with roadway
24	0.7	31	0.7	54.	Stopping in roadway (vehicle not abandoned)
0	0.0	0	0.0	55.	Underriding a parked truck
1	0.0	1	0.0	56.	Low tire pressure
0	0.0	0	0.0	57.	Locked wheel
2	0.1	3	0.1	58.	Over correcting
0	0.0	0	0.0	59.	Getting off/out of or on/in to moving vehicle
0	0.0	0	0.0	60.	Getting off/out of or on/in to nonmoving vehicle
					Vision obscured by:
43	1.3	60	1.4	61.	Rain, snow, fog, smoke, sand, dust
3	0.1	4	0.1	62.	Reflected glare, bright sunlight, headlights

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N	Prcnt	WGHT	Prcnt	Var 227 DRIVER RELATED FACTORS-1
9	0.3	12	0.3	63. Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	0	0.0	64. Building, billboard, etc.
4	0.1	8	0.2	65. Trees, crops, vegetation
4	0.1	4	0.1	66. Moving vehicle (including load)
0	0.0	0	0.0	67. Parked vehicle
0	0.0	0	0.0	68. Splash or spray of passing vehicle
0	0.0	0	0.0	69. Inadequate defrost or defog system
0	0.0	0	0.0	70. Inadequate lighting system
6	0.2	8	0.2	71. Obstructing angles on vehicle
0	0.0	0	0.0	72. Mirrors - rear view
0	0.0	0	0.0	73. Mirrors - other
0	0.0	0	0.0	74. Head restraints
0	0.0	0	0.0	75. Broken or improperly cleaned windshield
4	0.1	5	0.1	76. Other obstruction
				Avoiding, swerving or sliding due to:
3	0.1	4	0.1	77. Severe crosswind
0	0.0	0	0.0	78. Wind from passing truck
2	0.1	2	0.0	79. Slippery or loose surface
4	0.1	7	0.2	80. Tire blow-out or flat
2	0.1	4	0.1	81. Debris or objects in road
1	0.0	1	0.0	82. Ruts, holes, bumps in road
5	0.1	7	0.2	83. Animals in road
37	1.1	44	1.0	84. Vehicle in road
0	0.0	0	0.0	85. Phantom vehicle
2	0.1	2	0.0	86. Pedestrian, pedalcyclist, or other nonmotorist in road
17	0.5	23	0.5	87. Water, snow, oilslick on road
				Other miscellaneous factors
22	0.6	32	0.7	90. Hit-and-run vehicle driver
43	1.3	62	1.4	91. Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
39	1.1	57	1.3	92. Other nonmoving traffic violations
				Possible Distractions (inside vehicle)
0	0.0	0	0.0	93. Cellular phone
0	0.0	0	0.0	94. Fax machine
0	0.0	0	0.0	95. Computer
3	0.1	3	0.1	96. On-board Navigation system
0	0.0	0	0.0	97. Two-way radio
0	0.0	0	0.0	98. Head-up display
32	0.9	36	0.8	99. Unknown

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Variable	228	DRIVER RELATED FACTORS-2		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric
	N Prcnt	WGHT	Prcnt	2ND RESPONSE			
	2757 81.0	3555	80.7	00. None			
				Physical/Mental Condition			
	11 0.3	15	0.3	01. Drowsy, sleepy, asleep, fatigued			
	3 0.1	3	0.1	02. Ill, blackout			
	0 0.0	0	0.0	03. Emotional (e.g., depression, angry, disturbed)			
	1 0.0	1	0.0	04. Drugs - medication			
	2 0.1	3	0.1	05. Other drugs			
	30 0.9	38	0.9	06. Inattentive (talking, eating, etc.)			
	0 0.0	0	0.0	07. Restricted to wheelchair			
	0 0.0	0	0.0	08. Paraplegic			
	0 0.0	0	0.0	09. Impaired due to previous injury			
	0 0.0	0	0.0	10. Deaf			
	0 0.0	0	0.0	11. Other physical impairment			
	0 0.0	0	0.0	12. Mother of dead fetus			
				Miscellaneous Causes			
	0 0.0	0	0.0	19. Legally driving on suspended or revoked license			
	1 0.0	2	0.0	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway			
	9 0.3	10	0.2	21. Overloading or improper loading of vehicle with passengers or cargo			
	0 0.0	0	0.0	22. Towing or pushing vehicle improperly			
	1 0.0	1	0.0	23. Failing to dim or to have lights on when required			
	10 0.3	12	0.3	24. Operating without required equipment			
	0 0.0	0	0.0	25. Creating unlawful noise or using equipment prohibited by law			
	17 0.5	22	0.5	26. Following improperly			
	7 0.2	10	0.2	27. Improper or erratic lane changing			
	145 4.3	192	4.4	28. Failure to keep in proper lane or running off road			
	0 0.0	0	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median			
	1 0.0	2	0.0	30. Making improper entry to or exit from trafficway			
	4 0.1	6	0.1	31. Starting or backing improperly			
	0 0.0	0	0.0	32. Opening vehicle closure into moving traffic or while vehicle is in motion			
	1 0.0	2	0.0	33. Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass			

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N	Prcnt	WGHT	Prcnt	Var 228	DRIVER RELATED FACTORS-2
1	0.0	2	0.0	34.	Passing on wrong side
5	0.1	8	0.2	35.	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
29	0.9	37	0.8	36.	Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	0	0.0	37.	High speed chase - police in pursuit
34	1.0	46	1.0	38.	Failure to yield right-of-way
38	1.1	48	1.1	39.	Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
0	0.0	0	0.0	40.	Passing through or around barrier
3	0.1	4	0.1	41.	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	0	0.0	42.	Failure to signal intentions
0	0.0	0	0.0	43.	Giving wrong signal
101	3.0	132	3.0	44.	Driving too fast for conditions or in excess of posted maximum
3	0.1	5	0.1	45.	Driving less than posted minimum
0	0.0	0	0.0	46.	Operating at erratic or suddenly changing speeds
0	0.0	0	0.0	47.	Making right turn from left turn lane, making left turn from right turn lane
12	0.4	20	0.5	48.	Making other improper turn
0	0.0	0	0.0	49.	Failure to comply with physical restrictions of license
3	0.1	4	0.1	50.	Driving wrong way on one-way trafficway
7	0.2	7	0.2	51.	Driving on wrong side of road
4	0.1	7	0.2	52.	Operator inexperience
1	0.0	1	0.0	53.	Unfamiliar with roadway
10	0.3	12	0.3	54.	Stopping in roadway (vehicle not abandoned)
0	0.0	0	0.0	55.	Underriding a parked truck
0	0.0	0	0.0	56.	Low tire pressure
0	0.0	0	0.0	57.	Locked wheel
5	0.1	9	0.2	58.	Over correcting
0	0.0	0	0.0	59.	Getting off/out of or on/in to moving vehicle
0	0.0	0	0.0	60.	Getting off/out of or on/in to nonmoving vehicle
Vision obscured by:					
12	0.4	14	0.3	61.	Rain, snow, fog, smoke, sand, dust
2	0.1	3	0.1	62.	Reflected glare, bright sunlight, headlights

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N	Prcnt	WGHT	Prcnt	Var 228	DRIVER RELATED FACTORS-2
2	0.1	3	0.1	63.	Curve, hill, or other design features (including traffic signs, embankment)
1	0.0	1	0.0	64.	Building, billboard, etc.
3	0.1	5	0.1	65.	Trees, crops, vegetation
0	0.0	0	0.0	66.	Moving vehicle (including load)
0	0.0	0	0.0	67.	Parked vehicle
1	0.0	2	0.0	68.	Splash or spray of passing vehicle
0	0.0	0	0.0	69.	Inadequate defrost or defog system
0	0.0	0	0.0	70.	Inadequate lighting system
3	0.1	4	0.1	71.	Obstructing angles on vehicle
0	0.0	0	0.0	72.	Mirrors - rear view
1	0.0	1	0.0	73.	Mirrors - other
0	0.0	0	0.0	74.	Head restraints
0	0.0	0	0.0	75.	Broken or improperly cleaned windshield
1	0.0	1	0.0	76.	Other obstruction
					Avoiding, swerving or sliding due to:
1	0.0	2	0.0	77.	Severe crosswind
0	0.0	0	0.0	78.	Wind from passing truck
2	0.1	3	0.1	79.	Slippery or loose surface
1	0.0	2	0.0	80.	Tire blow-out or flat
0	0.0	0	0.0	81.	Debris or objects in road
0	0.0	0	0.0	82.	Ruts, holes, bumps in road
0	0.0	0	0.0	83.	Animals in road
12	0.4	16	0.4	84.	Vehicle in road
0	0.0	0	0.0	85.	Phantom vehicle
1	0.0	2	0.0	86.	Pedestrian, pedalcyclist, or other nonmotorist in road
12	0.4	15	0.3	87.	Water, snow, oilslick on road
					Other miscellaneous factors
5	0.1	6	0.1	90.	Hit-and-run vehicle driver
42	1.2	52	1.2	91.	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
14	0.4	20	0.5	92.	Other nonmoving traffic violations
					Possible Distractions (inside vehicle)
0	0.0	0	0.0	93.	Cellular phone
0	0.0	0	0.0	94.	Fax machine
0	0.0	0	0.0	95.	Computer
0	0.0	0	0.0	96.	On-board Navigation system
0	0.0	0	0.0	97.	Two-way radio
0	0.0	0	0.0	98.	Head-up display
32	0.9	36	0.8	99.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS DRIVER VARIABLES

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

N	Prcnt	WGHT	Prcnt	3RD RESPONSE
3168	93.1	4090	92.9	00. None
Physical/Mental Condition				
4	0.1	7	0.2	01. Drowsy, sleepy, asleep, fatigued
0	0.0	0	0.0	02. Ill, blackout
0	0.0	0	0.0	03. Emotional (e.g., depression, angry, disturbed)
1	0.0	1	0.0	04. Drugs - medication
4	0.1	6	0.1	05. Other drugs
15	0.4	21	0.5	06. Inattentive (talking, eating, etc.)
0	0.0	0	0.0	07. Restricted to wheelchair
0	0.0	0	0.0	08. Paraplegic
0	0.0	0	0.0	09. Impaired due to previous injury
0	0.0	0	0.0	10. Deaf
0	0.0	0	0.0	11. Other physical impairment
0	0.0	0	0.0	12. Mother of dead fetus
Miscellaneous Causes				
0	0.0	0	0.0	19. Legally driving on suspended or revoked license
0	0.0	0	0.0	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
2	0.1	3	0.1	21. Overloading or improper loading of vehicle with passengers or cargo
0	0.0	0	0.0	22. Towing or pushing vehicle improperly
2	0.1	2	0.0	23. Failing to dim or to have lights on when required
7	0.2	9	0.2	24. Operating without required equipment
0	0.0	0	0.0	25. Creating unlawful noise or using equipment prohibited by law
3	0.1	4	0.1	26. Following improperly
0	0.0	0	0.0	27. Improper or erratic lane changing
23	0.7	29	0.7	28. Failure to keep in proper lane or running off road
1	0.0	1	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median
1	0.0	1	0.0	30. Making improper entry to or exit from trafficway
2	0.1	3	0.1	31. Starting or backing improperly
0	0.0	0	0.0	32. Opening vehicle closure into moving traffic or while vehicle is in motion
1	0.0	1	0.0	33. Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS DRIVER VARIABLES

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N	Prcnt	WGHT	Prcnt	Var 229	DRIVER RELATED FACTORS-3
0	0.0	0	0.0	34.	Passing on wrong side
4	0.1	6	0.1	35.	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
9	0.3	11	0.2	36.	Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	0	0.0	37.	High speed chase - police in pursuit
3	0.1	5	0.1	38.	Failure to yield right-of-way
9	0.3	14	0.3	39.	Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
0	0.0	0	0.0	40.	Passing through or around barrier
4	0.1	5	0.1	41.	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	0	0.0	42.	Failure to signal intentions
0	0.0	0	0.0	43.	Giving wrong signal
34	1.0	44	1.0	44.	Driving too fast for conditions or in excess of posted maximum
0	0.0	0	0.0	45.	Driving less than posted minimum
0	0.0	0	0.0	46.	Operating at erratic or suddenly changing speeds
0	0.0	0	0.0	47.	Making right turn from left turn lane, making left turn from right turn lane
2	0.1	3	0.1	48.	Making other improper turn
0	0.0	0	0.0	49.	Failure to comply with physical restrictions of license
0	0.0	0	0.0	50.	Driving wrong way on one-way trafficway
2	0.1	2	0.0	51.	Driving on wrong side of road
2	0.1	3	0.1	52.	Operator inexperience
2	0.1	3	0.1	53.	Unfamiliar with roadway
0	0.0	0	0.0	54.	Stopping in roadway (vehicle not abandoned)
0	0.0	0	0.0	55.	Underriding a parked truck
0	0.0	0	0.0	56.	Low tire pressure
0	0.0	0	0.0	57.	Locked wheel
7	0.2	10	0.2	58.	Over correcting
0	0.0	0	0.0	59.	Getting off/out of or on/in to moving vehicle
0	0.0	0	0.0	60.	Getting off/out of or on/in to nonmoving vehicle
					Vision obscured by:
2	0.1	3	0.1	61.	Rain, snow, fog, smoke, sand, dust
0	0.0	0	0.0	62.	Reflected glare, bright sunlight, headlights

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS DRIVER VARIABLES

N	Prcnt	WGHT	Prcnt	Var 229	DRIVER RELATED FACTORS-3
2	0.1	3	0.1	63.	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	0	0.0	64.	Building, billboard, etc.
0	0.0	0	0.0	65.	Trees, crops, vegetation
0	0.0	0	0.0	66.	Moving vehicle (including load)
0	0.0	0	0.0	67.	Parked vehicle
0	0.0	0	0.0	68.	Splash or spray of passing vehicle
1	0.0	1	0.0	69.	Inadequate defrost or defog system
0	0.0	0	0.0	70.	Inadequate lighting system
0	0.0	0	0.0	71.	Obstructing angles on vehicle
0	0.0	0	0.0	72.	Mirrors - rear view
0	0.0	0	0.0	73.	Mirrors - other
0	0.0	0	0.0	74.	Head restraints
0	0.0	0	0.0	75.	Broken or improperly cleaned windshield
0	0.0	0	0.0	76.	Other obstruction
Avoiding, swerving or sliding due to:					
0	0.0	0	0.0	77.	Severe crosswind
0	0.0	0	0.0	78.	Wind from passing truck
2	0.1	3	0.1	79.	Slippery or loose surface
0	0.0	0	0.0	80.	Tire blow-out or flat
0	0.0	0	0.0	81.	Debris or objects in road
0	0.0	0	0.0	82.	Ruts, holes, bumps in road
0	0.0	0	0.0	83.	Animals in road
4	0.1	5	0.1	84.	Vehicle in road
2	0.1	2	0.0	85.	Phantom vehicle
0	0.0	0	0.0	86.	Pedestrian, pedalcyclist, or other nonmotorist in road
6	0.2	9	0.2	87.	Water, snow, oilslick on road
Other miscellaneous factors					
2	0.1	3	0.1	90.	Hit-and-run vehicle driver
20	0.6	28	0.6	91.	Nontraffic violation charged - manslaughter or other homicide (offense committed without malice)
19	0.6	27	0.6	92.	Other nonmoving traffic violations
Possible Distractions (inside vehicle)					
0	0.0	0	0.0	93.	Cellular phone
0	0.0	0	0.0	94.	Fax machine
0	0.0	0	0.0	95.	Computer
0	0.0	0	0.0	96.	On-board Navigation system
0	0.0	0	0.0	97.	Two-way radio
0	0.0	0	0.0	98.	Head-up display
32	0.9	36	0.8	99.	Unknown

The OCCUPANT Variables

Variables 306 through 336 describe the occupant of the truck (i.e., the driver) and are obtained from the FARS occupant file.

Variable 306 OCCUPANT NUMBER MD1: None Field Width: 2
 MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		OCCUPANT NUMBER
37	1.1	52	1.2	00. None
3367	98.9	4352	98.8	01. Occupant #1

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

N Prcnt		WGHT Prcnt		OCCUPANT AGE
3	0.1	5	0.1	16. 16 years - . Age in years
1	0.0	2	0.0	79. 79 years
65	1.9	96	2.2	99. Unknown

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

N Prcnt		WGHT Prcnt		OCCUPANT SEX
3284	96.5	4247	96.4	1. Male
63	1.9	73	1.7	2. Female
57	1.7	84	1.9	9. Unknown

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

N Prcnt		WGHT Prcnt		OCCUPANT TYPE
3367	98.9	4352	98.8	1. Driver of a motor-vehicle in transport
37	1.1	52	1.2	9. Unknown occupant type in a motor-vehicle in transport

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

	N	Prct	WGHT	Prct	OCC SEATING POSITION
	3366	98.9	4351	98.8	11. Front seat - left side (driver's side)
	38	1.1	53	1.2	99. Unknown

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

	N	Prct	WGHT	Prct	RESTRAINT SYSTEM USE
	1070	31.4	1445	32.8	0. None used (vehicle occupant) or not applicable (nonmotorist)
	1	0.0	1	0.0	1. Shoulder belt
	796	23.4	1021	23.2	2. Lap belt
	572	16.8	700	15.9	3. Lap and shoulder belt
	454	13.3	564	12.8	8. Restraint used - type unknown or other
	511	15.0	673	15.3	9. Unknown

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

	N	Prct	WGHT	Prct	AIR BAG AVAILABILITY - FUNCTION
	0	0.0	0	0.0	0. Nonmotorist
	0	0.0	0	0.0	3. Deployed
	0	0.0	0	0.0	4. Nondeployed
	3404	100.0	4404	100.0	9. Unknown or not applicable

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

	N	Prct	WGHT	Prct	OCCUPANT EJECTION
	3197	93.9	4132	93.8	0. Not ejected - not applicable
	124	3.6	160	3.6	1. Totally ejected
	39	1.1	52	1.2	2. Partially ejected
	44	1.3	60	1.4	9. Unknown

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FARS OCCUPANT VARIABLES

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

N	Prcnt	WGHT	Prcnt	EJECTION PATH
3197	93.9	4132	93.8	0. Not Ejected: N/A
13	0.4	14	0.3	1. Side Door Opening
6	0.2	6	0.1	2. Side Window
11	0.3	16	0.4	3. Windshield
2	0.1	3	0.1	4. Back Window
0	0.0	0	0.0	5. Back Door/Tailgate Opening
0	0.0	0	0.0	6. Roof Opening (sunroof, convertible top down)
0	0.0	0	0.0	7. Roof (convertible top up)
2	0.1	2	0.0	8. Other Path (e.g., back of pick-up truck)
173	5.1	231	5.2	9. Unknown/Unknown Path

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

N	Prcnt	WGHT	Prcnt	OCCUPANT EXTRICATION
3237	95.1	4188	95.1	0. Not extricated - not applicable
103	3.0	132	3.0	1. Extricated
64	1.9	84	1.9	9. Unknown

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

N	Prcnt	WGHT	Prcnt	OCC ALCOHOL INVOLVEMENT
2284	67.1	2969	67.4	0. No (alcohol not involved)
99	2.9	122	2.8	1. Yes (alcohol involved)
742	21.8	954	21.7	8. Not reported
279	8.2	359	8.2	9. Unknown (Police Reported)

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

N	Prcnt	WGHT	Prcnt	METHOD OF ALCOHOL DETERMINATION (POLICE)
317	9.3	408	9.3	1. Evidential test (breath, blood, urine)
31	0.9	40	0.9	2. Preliminary Breath Test (P8T)
12	0.4	14	0.3	3. Behavioral
1	0.0	2	0.0	4. Passive Alcohol Sensor (PAS)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
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N	Prcnt	WGHT	Prcnt	Var 319	OCC METH ALC DETERMINAT
222	6.5	301	6.8	5.	Observed
9	0.3	11	0.2	8.	Other (e.g., Saliva test)
2812	82.6	3628	82.4	9.	Not reported

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

N	Prcnt	WGHT	Prcnt	OCC ALCOHOL TEST RESULT
881	25.9	1121	25.5	00.
				- . Result value (grams/100 ml%)
0	0.0	0	0.0	86.
2	0.1	2	0.0	95. Test refused
2158	63.4	2796	63.5	96. None given
79	2.3	95	2.2	97. AC test performed, results unknown
208	6.1	290	6.6	99. Unknown

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

N	Prcnt	WGHT	Prcnt	POLICE REPORTED OTHER DRUG INVOLEMENT
746	21.9	989	22.5	0. No (other drugs not involved)
13	0.4	15	0.3	1. Yes (other drugs involved)
2516	73.9	3228	73.3	8. Not Reported
129	3.8	172	3.9	9. Unknown (Police reported as unknown)

Variable	322	DRUG DETERMAINATION	MD1:	None	Field Width:	1
			MD2: <td>None <td>Type: <td>Numeric</td> </td></td>	None <td>Type: <td>Numeric</td> </td>	Type: <td>Numeric</td>	Numeric

N	Prcnt	WGHT	Prcnt	METHOD OTH. DRUG DETERMINATION (POLICE)
54	1.6	61	1.4	1. Evidential Test (Blood, Urine)
2	0.1	4	0.1	2. Drug Recongnition Technician (DRT) determined
6	0.2	8	0.2	3. Behavioral
6	0.2	9	0.2	7. Other
3336	98.0	4322	98.1	8. Not Reported

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

N	Prcnt	WGHT	Prcnt	DRUG TEST TYPE
2268	66.6	2947	66.9	0. Not Tested For Drugs
263	7.7	337	7.7	1. Blood Test
59	1.7	79	1.8	2. Urine Test
22	0.6	27	0.6	7. Unknown Test Type
7	0.2	8	0.2	8. Other Type Test
785	23.1	1006	22.8	9. Unkown if Tested for Drugs

Variable 324 DRUG TEST RESULTS MD1: 99 Field Width: 2
MD2: None Type: Numeric

N	Prcnt	WGHT	Prcnt	DRUG TEST RESULTS
2268	66.6	2947	66.9	00. Not Tested For Drugs
287	8.4	372	8.4	01. Not Drugs Reported
1	0.0	1	0.0	02. Narcotic Drug
1	0.0	1	0.0	03. Depressant Drug
6	0.2	8	0.2	04. Stimulant Drug
0	0.0	0	0.0	05. Hallucinogen Drug
11	0.3	15	0.3	06. Cannabinoid Drug
1	0.0	2	0.0	07. Phencylidine (PCP)
0	0.0	0	0.0	08. Inhalent Drug
2	0.1	3	0.1	09. Multiple Drugs (from codes 02-08)
6	0.2	8	0.2	10. Other Drugs (excluding nicotine, aspirin, alcohol, drugs post-crash)
35	1.0	40	0.9	97. Tested For Drugs, Results Unknown
1	0.0	1	0.0	98. Tested For Drugs, Drugs Found, Type of Drug(s) Unknown
785	23.1	1006	22.8	99. Unknown if Tested for Drugs

Variable 325 OCCUPANT INJURY SEVERITY MD1: 9 Field Width: 1
MD2: None Type: Numeric

N	Prcnt	WGHT	Prcnt	OCCUPANT INJURY SEVERITY
1939	57.0	2501	56.8	0. 0 - no injury
423	12.4	545	12.4	1. C - possible injury
368	10.8	481	10.9	2. B - nonincapacitating evident injury
201	5.9	256	5.8	3. A - incapacitating injury
421	12.4	549	12.5	4. K - fatal injury
2	0.1	3	0.1	5. Injured, severity unknown
0	0.0	0	0.0	6. Died prior to accident
50	1.5	69	1.6	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS OCCUPANT VARIABLES

Variable 326 OCC TAKEN TO HOSPITAL MD1: 9 Field Width: 1
MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		TAKEN TO HOSPITAL OR TREATMENT FACILITY
2410	70.8	3118	70.8	0. No
847	24.9	1091	24.8	1. Yes
147	4.3	195	4.4	9. Unknown

Variable 327 OCC DEATH DATE - MONTH MD1: 99 Field Width: 2
MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		OCC DEATH DATE - MONTH
2944	86.5	3800	86.3	00. Not applicable
29	0.9	34	0.8	01. January
22	0.6	26	0.6	02. February
23	0.7	29	0.7	03. March
35	1.0	42	1.0	04. April
37	1.1	49	1.1	05. May
32	0.9	43	1.0	06. June
44	1.3	58	1.3	07. July
50	1.5	65	1.5	08. August
33	1.0	42	1.0	09. September
49	1.4	68	1.5	10. October
34	1.0	49	1.1	11. November
18	0.5	25	0.6	12. December
54	1.6	74	1.7	99. Unknown

Variable 328 OCC DEATH DATE - DAY MD1: 99 Field Width: 2
MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		OCC DEATH DATE - DAY
2944	86.5	3800	86.3	00. Not applicable
15	0.4	20	0.5	01. - . Day of month
6	0.2	9	0.2	31.
54	1.6	74	1.7	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS OCCUPANT VARIABLES

Variable 329 OCC DEATH DATE - YEAR MD1: 99 Field Width: 2
MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		OCC DEATH DATE - YEAR
2944	86.5	3800	86.3	00. Not applicable
413	12.1	539	12.2	91. 1991
47	1.4	65	1.5	99. Unknown

Variable 330 OCC DEATH TIME - HOURS MD1: 99 Field Width: 2
MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		OCC DEATH TIME - HOURS
2952	86.7	3808	86.5	00. 12:01 am - 12:59 am
8	0.2	9	0.2	01. 1:00 am - 1:59 am
16	0.5	21	0.5	02. 2:00 am - 2:59 am
16	0.5	22	0.5	03. 3:00 am - 3:59 am
13	0.4	19	0.4	04. 4:00 am - 4:59 am
16	0.5	19	0.4	05. 5:00 am - 5:59 am
26	0.8	32	0.7	06. 6:00 am - 6:59 am
15	0.4	21	0.5	07. 7:00 am - 7:59 am
21	0.6	26	0.6	08. 8:00 am - 8:59 am
17	0.5	20	0.5	09. 9:00 am - 9:59 am
17	0.5	23	0.5	10. 10:00 am - 10:59 am
16	0.5	23	0.5	11. 11:00 am - 11:59 am
22	0.6	32	0.7	12. 12:00 pm - 12:59 pm
15	0.4	19	0.4	13. 1:00 pm - 1:59 pm
20	0.6	27	0.6	14. 2:00 pm - 2:59 pm
14	0.4	19	0.4	15. 3:00 pm - 3:59 pm
19	0.6	28	0.6	16. 4:00 pm - 4:59 pm
15	0.4	20	0.5	17. 5:00 pm - 5:59 pm
12	0.4	17	0.4	18. 6:00 pm - 6:59 pm
20	0.6	26	0.6	19. 7:00 pm - 7:59 pm
9	0.3	13	0.3	20. 8:00 pm - 8:59 pm
6	0.2	6	0.1	21. 9:00 pm - 9:59 pm
13	0.4	17	0.4	22. 10:00 pm - 10:59 pm
12	0.4	14	0.3	23. 11:00 pm - 11:59 pm
94	2.8	123	2.8	99. Unknown

Variable 331 OCC DEATH TIME - MINUTES MD1: 99 Field Width: 2
MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		OCC DEATH TIME - MINUTES
2985	87.7	3857	87.6	00. - . Minute
1	0.0	1	0.0	59.
94	2.8	123	2.8	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
FARS OCCUPANT VARIABLES

Variable	332	<u>LAG TIME ACC/DEATH - HRS</u>	MD1:	999	Field Width:	3
			MD2:	None	Type:	Numeric

N	Prct	WGHT	Prct	LAG TIME ACC/DEATH - HRS
261	7.7	338	7.7	000.
				- . Actual time in hours
0	0.0	0	0.0	998.
3041	89.3	3926	89.1	999. Unknown

Variable	336	<u>OCC FATAL INJURY AT WORK</u>	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

N	Prct	WGHT	Prct	OCC FATAL INJURY AT WORK
39	1.1	50	1.1	0. No
273	8.0	356	8.1	1. Yes
2899	85.2	3743	85.0	8. Not Applicable (not a fatality)
193	5.7	255	5.8	9. Unknown

The SURVEY Variables

Variables 1001 through 1076 are derived by two methods:
 initially a match was attempted with OMC fatal cases and
 subsequently a survey was conducted for the unmatched cases as
 well as for those matched cases with missing or incomplete
 information.

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

N Prcnt		WGHT Prcnt		POWER UNIT MAKE
14	0.4	23	0.5	01. Autocar
109	3.2	150	3.4	02. Chevrolet
21	0.6	26	0.6	03. Dodge
440	12.9	565	12.8	04. Ford
491	14.4	596	13.5	05. Freightliner
172	5.1	227	5.2	06. GMC
727	21.4	941	21.4	07. International
24	0.7	33	0.7	08. Isuzu
365	10.7	467	10.6	09. Kenworth
371	10.9	501	11.4	10. Mack
9	0.3	13	0.3	11. Mercedes Benz
6	0.2	7	0.2	12. Mitsubishi Fuso
3	0.1	5	0.1	13. Nissan/UD
317	9.3	411	9.3	14. Peterbilt
12	0.4	13	0.3	15. Volvo
24	0.7	29	0.7	16. Western Star
92	2.7	122	2.8	17. White
91	2.7	104	2.4	18. WhiteGMC
53	1.6	73	1.7	97. Other
63	1.9	98	2.2	99. Unknown

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

N Prcnt		WGHT Prcnt		POWER UNIT YEAR
1	0.0	1	0.0	52. 1952
1	0.0	1	0.0	53. 1953
1	0.0	1	0.0	54. 1954
1	0.0	2	0.0	56. 1956
1	0.0	2	0.0	59. 1959
1	0.0	1	0.0	61. 1961
3	0.1	5	0.1	62. 1962
2	0.1	3	0.1	63. 1963

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

N Prcnt		WGHT Prcnt		SLEEPER
1338	39.3	1693	38.4	1. Yes
1654	48.6	2244	51.0	2. No
412	12.1	467	10.6	9. Unknown

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

N Prcnt		WGHT Prcnt		FUEL TYPE
271	8.0	360	8.2	1. Gasoline
3056	89.8	3929	89.2	2. Diesel
11	0.3	14	0.3	4. Other
66	1.9	101	2.3	9. Unknown

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

TRUCK MODEL NAME OR NUMBER

N Prcnt		WGHT Prcnt		TRUCK MODEL
110	3.2	158	3.6	Unk model.
1	0.0	1	0.0	ACL64T .
				- . Model name or number
4	0.1	4	0.1	9600 .

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

N Prcnt		WGHT Prcnt		POWER UNIT TYPE
989	29.1	1361	30.9	1. Straight truck
2366	69.5	2971	67.5	8. Tractor
49	1.4	72	1.6	9. Unknown

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

N Prcnt		WGHT Prcnt		STRAIGHT TRUCK BODY STYLE	
2366	69.5	2971	67.5	00.	Not applicable (tractor)
208	6.1	278	6.3	01.	Van
1	0.0	1	0.0	02.	Open top van
44	1.3	63	1.4	03.	Refrigerated van
5	0.1	8	0.2	04.	Livestock carrier
71	2.1	88	2.0	05.	Flatbed
0	0.0	0	0.0	06.	Lowboy
31	0.9	38	0.9	07.	Flatbed with equipment
64	1.9	84	1.9	08.	Flatbed with sides
12	0.4	19	0.4	09.	Pole/logging
71	2.1	105	2.4	10.	Tank: liquid/gas
1	0.0	1	0.0	11.	Tank: dry bulk
19	0.6	24	0.5	12.	Auto carrier
248	7.3	360	8.2	13.	Dump
1	0.0	2	0.0	14.	Bottom dump/hopper bottom
74	2.2	112	2.5	15.	Garbage/refuse
138	4.1	177	4.0	16.	Other
50	1.5	73	1.7	99.	Unknown

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

SPECIFIC OTHER BODY STYLE

N Prcnt		WGHT Prcnt		POWER UNIT OTHER	
3252	95.5	4209	95.6	Unspec/unk.	
2	0.1	3	0.1	Armor Car	.
				-	. Specific body style
26	0.8	34	0.8	Wrecker	.

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

N Prcnt		WGHT Prcnt		POWER UNIT NUMBER OF AXLES	
900	26.4	1151	26.1	2.	2 axles
2399	70.5	3096	70.3	3.	3 axles
38	1.1	55	1.2	4.	4 axles
6	0.2	10	0.2	5.	5 axles
61	1.8	92	2.1	9.	Unknown

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

NUMBER OF POWER UNIT LIFT AXLES

N	Prcnt	WGHT	Prcnt	POWER UNIT LIFT AXLES
3166	93.0	4084	92.7	0. None
35	1.0	49	1.1	1. 1 lift axle
3	0.1	4	0.1	2. 2 lift axles
1	0.0	1	0.0	3. 3 lift axles
199	5.8	266	6.0	9. Unknown

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

N	Prcnt	WGHT	Prcnt	POWER UNIT LENGTH
1	0.0	1	0.0	012. 12 feet
1	0.0	1	0.0	013. 13 feet
1	0.0	1	0.0	014. 14 feet
20	0.6	21	0.5	015. 15 feet
41	1.2	44	1.0	016. 16 feet
59	1.7	68	1.5	017. 17 feet
162	4.8	205	4.7	018. 18 feet
229	6.7	285	6.5	019. 19 feet
500	14.7	628	14.3	020. 20 feet
287	8.4	367	8.3	021. 21 feet
305	9.0	376	8.5	022. 22 feet
281	8.3	362	8.2	023. 23 feet
285	8.4	386	8.8	024. 24 feet
375	11.0	466	10.6	025. 25 feet
188	5.5	259	5.9	026. 26 feet
124	3.6	162	3.7	027. 27 feet
134	3.9	177	4.0	028. 28 feet
46	1.4	64	1.5	029. 29 feet
101	3.0	145	3.3	030. 30 feet
15	0.4	21	0.5	031. 31 feet
45	1.3	61	1.4	032. 32 feet
26	0.8	38	0.9	033. 33 feet
16	0.5	19	0.4	034. 34 feet
30	0.9	44	1.0	035. 35 feet
7	0.2	9	0.2	036. 36 feet
2	0.1	4	0.1	037. 37 feet
3	0.1	4	0.1	038. 38 feet
2	0.1	3	0.1	040. 40 feet
1	0.0	2	0.0	046. 46 feet
2	0.1	4	0.1	047. 47 feet
2	0.1	3	0.1	048. 48 feet
113	3.3	174	4.0	999. Unknown

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Variable 1013 **POWER UNIT CARGO WEIGHT** MD1: 999999 Field Width: 6
 MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		POWER UNIT CARGO WEIGHT
350	10.3	491	11.1	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
2351	69.1	2952	67.0	999996. Not applicable (tractors without cargo)
60	1.8	86	2.0	999997. Some cargo (weight unknown)
23	0.7	33	0.7	999998. Full (weight unknown)
78	2.3	108	2.5	999999. Unknown

Variable 1014 **POWER UNIT EMPTY WEIGHT** MD1: 999999 Field Width: 6
 MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		POWER UNIT EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999997.
97	2.8	140	3.2	999999. Unknown

Variable 1015 **POWER UNIT CARGO** MD1: 99 Field Width: 2
 MD2: None Type: Numeric

N Prcnt		WGHT Prcnt		POWER UNIT CARGO
350	10.3	491	11.1	00. Empty
139	4.1	186	4.2	01. General freight
18	0.5	23	0.5	02. Household goods
20	0.6	21	0.5	03. Building materials
5	0.1	5	0.1	04. Metal: coils, sheets, etc
8	0.2	12	0.3	05. Heavy machinery
19	0.6	23	0.5	06. Large objects
17	0.5	22	0.5	07. Motor vehicles
28	0.8	35	0.8	08. Piggyback/towaway
8	0.2	13	0.3	09. Gases in bulk
172	5.1	248	5.6	10. Solids in bulk
57	1.7	83	1.9	11. Liquids in bulk
0	0.0	0	0.0	12. Explosives
23	0.7	31	0.7	13. Logs/poles/lumber
38	1.1	54	1.2	14. Refrigerated food
0	0.0	0	0.0	15. Mobile home
25	0.7	39	0.9	16. Farm products
2	0.1	3	0.1	17. Live animals
61	1.8	73	1.7	18. Other
2351	69.1	2952	67.0	98. Not applicable (not a straight truck)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
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N	Prcnt	WGHT	Prcnt	Var	1015	POWER UNIT CARGO
63	1.9	90	2.0	99.	Unknown	

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

N	Prcnt	WGHT	Prcnt	POWER UNIT HAZARDOUS CARGO
60	1.8	81	1.8	1. Hazardous cargo
940	27.6	1293	29.4	2. Nonhazardous cargo
2351	69.1	2952	67.0	8. Not applicable (not a straight truck)
53	1.6	78	1.8	9. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST TRAILER TYPE
2240	65.8	2829	64.2	1. Semitrailer
53	1.6	64	1.5	2. Full trailer
113	3.3	132	3.0	3. Other
948	27.8	1305	29.6	4. None
50	1.5	74	1.7	9. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST TRAILER NUMBER OF AXLES
211	6.2	229	5.2	01. 1 axle
2097	61.6	2658	60.4	02. 2 axles
69	2.0	97	2.2	03. 3 axles
11	0.3	13	0.3	04. 4 axles
3	0.1	3	0.1	05. 5 axles
1	0.0	2	0.0	07. 7 axles
14	0.4	23	0.5	09. Unknown
50	1.5	74	1.7	97. Unknown if had 1st trailer
948	27.8	1305	29.6	98. Not applicable (no 1st trailer)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
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<u>Variable 1019</u>	<u>1ST TRAILER LIFT AXLES</u>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

NUMBER OF 1ST TRAILER LIFT AXLES

N	Prcnt	WGHT	Prcnt	1ST TRAILER LIFT AXLES
2295	67.4	2876	65.3	0. None
12	0.4	16	0.4	1. 1 lift axle
2	0.1	3	0.1	2. 2 lift axles
50	1.5	74	1.7	7. Unknown if had 1st trailer
948	27.8	1305	29.6	8. Not applicable (no 1st trailer)
97	2.8	130	3.0	9. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
50	1.5	74	1.7	999996. Unknown if had 1st trailer
948	27.8	1305	29.6	999998. Not applicable (no 1st trailer)
58	1.7	82	1.9	999999. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST TRAILER CARGO WEIGHT
594	17.5	790	17.9	000000.
				- . Weight in pounds
0	0.0	0	0.0	999993.
50	1.5	74	1.7	999994. Unknown if had 1st trailer
948	27.8	1305	29.6	999996. Not applicable (no 1st trailer)
63	1.9	83	1.9	999997. Some cargo (weight unknown)
35	1.0	50	1.1	999998. Full (weight unknown)
30	0.9	54	1.2	999999. Unknown

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

N Prcnt		WGHT Prcnt		1ST TRAILER LENGTH
1	0.0	1	0.0	002. 2 feet
1	0.0	1	0.0	005. 5 feet
2	0.1	2	0.0	006. 6 feet
1	0.0	1	0.0	007. 7 feet
2	0.1	3	0.1	008. 8 feet
1	0.0	1	0.0	009. 9 feet
9	0.3	9	0.2	010. 10 feet
5	0.1	6	0.1	012. 12 feet
6	0.2	9	0.2	013. 13 feet
5	0.1	5	0.1	014. 14 feet
14	0.4	15	0.3	015. 15 feet
9	0.3	9	0.2	016. 16 feet
1	0.0	1	0.0	017. 17 feet
9	0.3	12	0.3	018. 18 feet
3	0.1	3	0.1	019. 19 feet
26	0.8	32	0.7	020. 20 feet
3	0.1	3	0.1	021. 21 feet
9	0.3	13	0.3	022. 22 feet
5	0.1	7	0.2	023. 23 feet
44	1.3	52	1.2	024. 24 feet
14	0.4	18	0.4	025. 25 feet
10	0.3	14	0.3	026. 26 feet
22	0.6	27	0.6	027. 27 feet
129	3.8	143	3.2	028. 28 feet
10	0.3	12	0.3	029. 29 feet
41	1.2	56	1.3	030. 30 feet
4	0.1	6	0.1	031. 31 feet
20	0.6	31	0.7	032. 32 feet
8	0.2	13	0.3	033. 33 feet
11	0.3	16	0.4	034. 34 feet
34	1.0	49	1.1	035. 35 feet
14	0.4	20	0.5	036. 36 feet
9	0.3	13	0.3	037. 37 feet
39	1.1	56	1.3	038. 38 feet
11	0.3	16	0.4	039. 39 feet
274	8.0	382	8.7	040. 40 feet
11	0.3	15	0.3	041. 41 feet
177	5.2	225	5.1	042. 42 feet
32	0.9	44	1.0	043. 43 feet
33	1.0	44	1.0	044. 44 feet
455	13.4	577	13.1	045. 45 feet
25	0.7	31	0.7	046. 46 feet
11	0.3	15	0.3	047. 47 feet
682	20.0	800	18.2	048. 48 feet
5	0.1	7	0.2	049. 49 feet
12	0.4	14	0.3	050. 50 feet
2	0.1	4	0.1	051. 51 feet
5	0.1	7	0.2	052. 52 feet

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

SPECIFIC OTHER BODY STYLE

N	Prcnt	WGHT	Prcnt	1ST TRAILER OTHER BODY
3306	97.1	4281	97.2	Unspec/unk.
1	0.0	1	0.0	Arrow sign.
				. - Specific body style
1	0.0	1	0.0	Utility .

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

N	Prcnt	WGHT	Prcnt	1ST TRAILER CARGO TYPE
595	17.5	792	18.0	00. Empty
687	20.2	780	17.7	01. General freight
27	0.8	31	0.7	02. Household goods
43	1.3	53	1.2	03. Building materials
119	3.5	139	3.2	04. Metal: coils, sheets, etc
51	1.5	66	1.5	05. Heavy machinery
53	1.6	67	1.5	06. Large objects
25	0.7	29	0.7	07. Motor vehicles
0	0.0	0	0.0	08. Piggyback/towaway
7	0.2	8	0.2	09. Gases in bulk
188	5.5	252	5.7	10. Solids in bulk
130	3.8	162	3.7	11. Liquids in bulk
2	0.1	2	0.0	12. Explosives
102	3.0	151	3.4	13. Logs/poles/lumber
227	6.7	286	6.5	14. Refrigerated food
6	0.2	8	0.2	15. Mobile home
70	2.1	88	2.0	16. Farm products
28	0.8	39	0.9	17. Live animals
14	0.4	15	0.3	18. Other
50	1.5	74	1.7	96. Unknown if had 1st trailer
948	27.8	1305	29.6	98. Not applicable (no 1st trailer)
32	0.9	57	1.3	99. Unknown

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

N	Prcnt	WGHT	Prcnt	1ST TRAILER HAZARDOUS CARGO
107	3.1	127	2.9	1. Hazardous cargo
2284	67.1	2871	65.2	2. Nonhazardous cargo
50	1.5	74	1.7	6. Unknown if had 1st trailer
948	27.8	1305	29.6	8. Not applicable (no 1st trailer)
15	0.4	27	0.6	9. Unknown

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

N	Prct	WGHT	Prct	2ND TRAILER TYPE
120	3.5	122	2.8	1. Semitrailer
46	1.4	46	1.0	2. Full trailer
5	0.1	6	0.1	3. Other
3184	93.5	4157	94.4	4. None
49	1.4	73	1.7	9. Unknown

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

N	Prct	WGHT	Prct	2ND TRAILER NUMBER OF AXLES
4	0.1	5	0.1	01. 1 axle
154	4.5	155	3.5	02. 2 axles
8	0.2	8	0.2	03. 3 axles
4	0.1	5	0.1	04. 4 axles
1	0.0	1	0.0	05. 5 axles
49	1.4	73	1.7	97. Unknown if had 2nd trailer
3184	93.5	4157	94.4	98. Not applicable (no 2nd trailer)
0	0.0	0	0.0	99. Unknown

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

NUMBER OF 2ND TRAILER LIFT AXLES

N	Prct	WGHT	Prct	2ND TRAILER LIFT AXLES
164	4.8	166	3.8	0. None
0	0.0	0	0.0	1. 1 lift axle
49	1.4	73	1.7	7. Unknown if had 2nd trailer
3184	93.5	4157	94.4	8. Not applicable (no 2nd trailer)
7	0.2	8	0.2	9. Unknown

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

N	Prct	WGHT	Prct	2ND TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
49	1.4	73	1.7	999996. Unknown if had 2nd trailer

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

N	Prct	WGHT	Prct	Var 1030	2ND TRAILER EMPTY WEIGHT
3184	93.5	4157	94.4	999998.	Not applicable (no 2nd trailer)
7	0.2	7	0.2	999999.	Unknown

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

N	Prct	WGHT	Prct	2ND TRAILER CARGO WEIGHT
42	1.2	45	1.0	000000. - . Weight in pounds
0	0.0	0	0.0	999993.
49	1.4	73	1.7	999994. Unknown if had 2nd trailer
3184	93.5	4157	94.4	999996. Not applicable (no 2nd trailer)
23	0.7	23	0.5	999997. Some cargo (weight unknown)
8	0.2	8	0.2	999998. Full (weight unknown)
1	0.0	1	0.0	999999. Unknown

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

N	Prct	WGHT	Prct	2ND TRAILER LENGTH
1	0.0	2	0.0	006. 6 feet
2	0.1	2	0.0	012. 12 feet
1	0.0	1	0.0	016. 16 feet
1	0.0	1	0.0	017. 17 feet
1	0.0	1	0.0	018. 18 feet
1	0.0	1	0.0	019. 19 feet
8	0.2	8	0.2	020. 20 feet
2	0.1	2	0.0	021. 21 feet
2	0.1	2	0.0	022. 22 feet
1	0.0	1	0.0	023. 23 feet
22	0.6	22	0.5	024. 24 feet
3	0.1	3	0.1	025. 25 feet
4	0.1	4	0.1	026. 26 feet
10	0.3	10	0.2	027. 27 feet
88	2.6	90	2.0	028. 28 feet
6	0.2	6	0.1	029. 29 feet
5	0.1	5	0.1	030. 30 feet
2	0.1	2	0.0	032. 32 feet
1	0.0	1	0.0	045. 45 feet
1	0.0	1	0.0	072. 72 feet
49	1.4	73	1.7	994. Unknown if had 2nd trailer
3184	93.5	4157	94.4	996. Not applicable (no 2nd trailer)
8	0.2	8	0.2	997. Short (estimated under 35 feet)
1	0.0	1	0.0	998. Long (estimated 35 feet and over)
0	0.0	0	0.0	999. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
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Variable 1033 2ND TRAILER BODY MD1: 9 Field Width: 2
MD2: None Type: Numeric

N	Prcnt	WGHT	Prcnt	2ND TRAILER BODY STYLE
3233	95.0	4230	96.0	00. None or unknown if had 2nd trailer
92	2.7	93	2.1	01. Van
1	0.0	1	0.0	02. Open top van
1	0.0	1	0.0	03. Refrigerated van
0	0.0	0	0.0	04. Livestock carrier
31	0.9	31	0.7	05. Flatbed
1	0.0	1	0.0	06. Lowboy
1	0.0	1	0.0	07. Flatbed with equipment
3	0.1	3	0.1	08. Flatbed with sides
0	0.0	0	0.0	09. Pole/logging
7	0.2	7	0.2	10. Tank: liquid/gas
4	0.1	4	0.1	11. Tank: dry bulk
0	0.0	0	0.0	12. Auto carrier
5	0.1	5	0.1	13. Dump
14	0.4	15	0.3	14. Bottom dump/hopper ¹ bottom
0	0.0	0	0.0	15. Garbage/refuse
10	0.3	11	0.2	16. Other
1	0.0	1	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	WGHT	Prcnt	2ND TRAILER OTHER BODY
3394	99.7	4393	99.7	Unspec/unk .
1	0.0	1	0.0	Forklift .
				. - Specific body style
6	0.2	6	0.1	Produce tub.

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

N	Prcnt	WGHT	Prcnt	2ND TRAILER CARGO TYPE
42	1.2	45	1.0	00. Empty
84	2.5	84	1.9	01. General freight
0	0.0	0	0.0	02. Household goods
2	0.1	2	0.0	03. Building materials
2	0.1	2	0.0	04. Metal: coils, sheets, etc
1	0.0	1	0.0	05. Heavy machinery
6	0.2	6	0.1	06. Large objects
0	0.0	0	0.0	07. Motor vehicles
0	0.0	0	0.0	08. Piggyback/towaway

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

N	Prcnt	WGHT	Prcnt	Var 1035	2ND TRAILER CARGO
0	0.0	0	0.0	09.	Gases in bulk
11	0.3	11	0.2	10.	Solids in bulk
4	0.1	4	0.1	11.	Liquids in bulk
0	0.0	0	0.0	12.	Explosives
2	0.1	2	0.0	13.	Logs/poles/lumber
1	0.0	1	0.0	14.	Refrigerated food
0	0.0	0	0.0	15.	Mobile home
14	0.4	14	0.3	16.	Farm products
0	0.0	0	0.0	17.	Live animals
0	0.0	0	0.0	18.	Other
49	1.4	73	1.7	96.	Unknown if had 2nd trailer
3184	93.5	4157	94.4	98.	Not applicable (no 2nd trailer)
2	0.1	2	0.0	99.	Unknown

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

N	Prcnt	WGHT	Prcnt	2ND TRAILER HAZARDOUS CARGO
7	0.2	7	0.2	1. Hazardous cargo
164	4.8	167	3.8	2. Nonhazardous cargo
49	1.4	73	1.7	6. Unknown if had 2nd trailer
3184	93.5	4157	94.4	8. Not applicable (no 2nd trailer)
0	0.0	0	0.0	9. Unknown

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

N	Prcnt	WGHT	Prcnt	3RD TRAILER TYPE
0	0.0	0	0.0	1. Semitrailer
0	0.0	0	0.0	2. Full trailer
1	0.0	1	0.0	3. Other
3354	98.5	4330	98.3	4. None
49	1.4	73	1.7	9. Unknown

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

N	Prcnt	WGHT	Prcnt	3RD TRAILER NUMBER OF AXLES
1	0.0	1	0.0	02. 2 axles
49	1.4	73	1.7	97. Unknown if had 3rd trailer
3354	98.5	4330	98.3	98. Not applicable (no 3rd trailer)
0	0.0	0	0.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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

NUMBER OF 3RD TRAILER LIFT AXLES

N	Prcnt	WGHT	Prcnt	3RD TRAILER LIFT AXLES
1	0.0	1	0.0	0. None
49	1.4	73	1.7	7. Unknown if had 3rd trailer
3354	98.5	4330	98.3	8. Not applicable (no 3rd trailer)
0	0.0	0	0.0	9. Unknown

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

N	Prcnt	WGHT	Prcnt	3RD TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000. - . Weight in pounds
0	0.0	0	0.0	999995.
49	1.4	73	1.7	999996. Unknown if had 3rd trailer
3354	98.5	4330	98.3	999998. Not applicable (no 3rd trailer)
0	0.0	0	0.0	999999. Unknown

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

N	Prcnt	WGHT	Prcnt	3RD TRAILER CARGO WEIGHT
1	0.0	1	0.0	000000. - . Weight in pounds
0	0.0	0	0.0	999993.
49	1.4	73	1.7	999994. Unknown if had 3rd trailer
3354	98.5	4330	98.3	999996. Not applicable (no 3rd trailer)
0	0.0	0	0.0	999997. Some cargo (weight unknown)
0	0.0	0	0.0	999998. Full (weight unknown)
0	0.0	0	0.0	999999. Unknown

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

N	Prcnt	WGHT	Prcnt	3RD TRAILER LENGTH
1	0.0	1	0.0	019. 19 feet
49	1.4	73	1.7	994. Unknown if had 3rd trailer
3354	98.5	4330	98.3	996. Not applicable (no 3rd trailer)
0	0.0	0	0.0	997. Short (estimated under 35 feet)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

N Prcnt	WGHT Prcnt	Var 1042	3RD TRAILER LENGTH
0 0.0	0 0.0	998.	Long (estimated 35 feet and over)
0 0.0	0 0.0	999.	Unknown

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

N Prcnt	WGHT Prcnt	3RD TRAILER BODY STYLE
3403 100.0	4403 100.0	00. None or unknown if had 3rd trailer
0 0.0	0 0.0	01. Van
0 0.0	0 0.0	02. Open top van
0 0.0	0 0.0	03. Refrigerated van
0 0.0	0 0.0	04. Livestock carrier
0 0.0	0 0.0	05. Flatbed
0 0.0	0 0.0	06. Lowboy
0 0.0	0 0.0	07. Flatbed with equipment
0 0.0	0 0.0	08. Flatbed with sides
0 0.0	0 0.0	09. Pole/logging
0 0.0	0 0.0	10. Tank: liquid/gas
0 0.0	0 0.0	11. Tank: dry bulk
0 0.0	0 0.0	12. Auto carrier
0 0.0	0 0.0	13. Dump
0 0.0	0 0.0	14. Bottom dump/hopper bottom
0 0.0	0 0.0	15. Garbage/refuse
1 0.0	1 0.0	16. Other
0 0.0	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	WGHT Prcnt	3RD TRAILER OTHER BODY
3403 99.9	4403 99.9	Unspec/unk.
1 0.0	1 0.0	Stinger .

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

N Prcnt	WGHT Prcnt	3RD TRAILER CARGO TYPE
1 0.0	1 0.0	00. Empty
0 0.0	0 0.0	01. General freight
0 0.0	0 0.0	02. Household goods
0 0.0	0 0.0	03. Building materials

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

N	Prcnt	WGHT	Prcnt	Var 1045	3RD TRAILER CARGO
0	0.0	0	0.0	04.	Metal: coils, sheets, etc
0	0.0	0	0.0	05.	Heavy machinery
0	0.0	0	0.0	06.	Large objects
0	0.0	0	0.0	07.	Motor vehicles
0	0.0	0	0.0	08.	Piggyback/towaway
0	0.0	0	0.0	09.	Gases in bulk
0	0.0	0	0.0	10.	Solids in bulk
0	0.0	0	0.0	11.	Liquids in bulk
0	0.0	0	0.0	12.	Explosives
0	0.0	0	0.0	13.	Logs/poles/lumber
0	0.0	0	0.0	14.	Refrigerated food
0	0.0	0	0.0	15.	Mobile home
0	0.0	0	0.0	16.	Farm products
0	0.0	0	0.0	17.	Live animals
0	0.0	0	0.0	18.	Other
49	1.4	73	1.7	96.	Unknown if had 3rd trailer
3354	98.5	4330	98.3	98.	Not applicable (no 3rd trailer)
0	0.0	0	0.0	99.	Unknown

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

N	Prcnt	WGHT	Prcnt	3RD TRAILER HAZARDOUS CARGO
0	0.0	0	0.0	1. Hazardous cargo
1	0.0	1	0.0	2. Nonhazardous cargo
49	1.4	73	1.7	6. Unknown if had 3rd trailer
3354	98.5	4330	98.3	8. Not applicable (no 3rd trailer)
0	0.0	0	0.0	9. Unknown

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

VEHICLE CONFIGURATION BY UNIT

N	Prcnt	WGHT	Prcnt	VEHICLE COMPONENTS
50	1.5	74	1.7	Unspec/unk .
834	24.5	1178	26.7	R.
				. Unit descriptor codes
3	0.1	3	0.1	TSO.

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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

N	Prct	WGHT	Prct	VEHICLE COMBINATION CODE
834	24.5	1178	26.7	01. Straight truck only
52	1.5	63	1.4	02. Straight truck & full trailer
98	2.9	114	2.6	03. Straight truck & other (nonfull trailer)
3	0.1	3	0.1	04. Straight truck & other trailer with gooseneck hitch
1	0.0	1	0.0	05. Straight truck & full trailer & other trailer
1	0.0	2	0.0	06. Straight truck & other trailer & other trailer
100	2.9	109	2.5	07. Bobtail tractor
13	0.4	17	0.4	08. Tractor carrying cargo
2072	60.9	2659	60.4	09. Tractor & semitrailer
10	0.3	12	0.3	10. Tractor & other (nonsemitrailer)
115	3.4	117	2.7	11. Tractor & semitrailer & A-dolly & semitrailer
4	0.1	4	0.1	12. Tractor & semitrailer & B-dolly & semitrailer
46	1.4	46	1.0	13. Tractor & semitrailer & full trailer
3	0.1	3	0.1	14. Tractor & semitrailer & other trailer
1	0.0	1	0.0	17. Tractor & jeep & semitrailer & jeep
51	1.5	75	1.7	99. Unknown

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

N	Prct	WGHT	Prct	NUMBER OF TRAILERS
948	27.8	1305	29.6	0. No trailer
2235	65.7	2851	64.7	1. 1 trailer
170	5.0	173	3.9	2. 2 trailers
1	0.0	1	0.0	3. 3 trailers
50	1.5	74	1.7	9. Unknown

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

N	Prct	WGHT	Prct	TIFA GVWR
0	0.0	0	0.0	1. 6,000 or less
0	0.0	0	0.0	2. 6,001 - 10,000
127	3.7	146	3.3	3. 10,001 - 14,000

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

N	Prct	WGHT	Prct	Var 1050	TIFA GVWR
39	1.1	50	1.1	4.	14,001 - 16,000
29	0.9	40	0.9	5.	16,001 - 19,500
131	3.8	178	4.0	6.	19,501 - 26,000
302	8.9	394	8.9	7.	26,001 - 33,000
2584	75.9	3326	75.5	8.	33,001 or more
192	5.6	270	6.1	9.	Unknown

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

N	Prct	WGHT	Prct	EMPTY COMBINATION WEIGHT
0	0.0	0	0.0	000000. - . Weight in pounds
0	0.0	0	0.0	999998.
120	3.5	175	4.0	999999. Unknown

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

N	Prct	WGHT	Prct	GROSS WEIGHT
0	0.0	0	0.0	000000. - . Weight in pounds
0	0.0	0	0.0	999998.
255	7.5	384	8.7	999999. Unknown

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

N	Prct	WGHT	Prct	TOTAL LENGTH
0	0.0	0	0.0	000. - . Length in feet
0	0.0	0	0.0	998.
118	3.5	180	4.1	999. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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

N Prcnt		WGHT Prcnt		TOTAL WIDTH
0	0.0	0	0.0	000.
				- . Width in inches
0	0.0	0	0.0	996.
62	1.8	84	1.9	997. Unknown, but legal
0	0.0	0	0.0	998. Unknown, but overwidth
170	5.0	258	5.9	999. Unknown

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

ACTUAL CARGO CARRIED

N Prcnt		WGHT Prcnt		ACTUAL CARGO
1476	43.4	1885	42.8	Unspec/empty/unk .
2	0.1	3	0.1	Air compressor .
				. - Actual cargo
1	0.0	1	0.0	Yogurt .

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

N Prcnt		WGHT Prcnt		CARGO SPILLAGE
3182	93.5	4093	92.9	0. No spillage
150	4.4	210	4.8	1. Spillage of nonhazardous cargo
19	0.6	24	0.5	2. Spillage of hazardous cargo
53	1.6	77	1.7	9. Unknown

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

N Prcnt		WGHT Prcnt		AREA OF OPERATION
2345	68.9	2861	65.0	1. Interstate
769	22.6	1135	25.8	2. Intrastate
61	1.8	93	2.1	6. Government owned
36	1.1	48	1.1	7. Daily rental
193	5.7	267	6.1	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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

N	Prcnt	WGHT	Prcnt	OPERATING AUTHORITY
1293	38.0	1770	40.2	1. Private
1922	56.5	2347	53.3	2. For hire
61	1.8	93	2.1	6. Government owned
36	1.1	48	1.1	7. Daily rental
92	2.7	146	3.3	9. Unknown

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

N	Prcnt	WGHT	Prcnt	CARRIER TYPE
628	18.4	833	18.9	1. Interstate private
1649	48.4	1928	43.8	2. Interstate authorized
55	1.6	77	1.7	3. Interstate exempt
575	16.9	832	18.9	4. Intrastate private
192	5.6	301	6.8	5. Intrastate for hire
61	1.8	93	2.1	6. Government owned
36	1.1	48	1.1	7. Daily rental
208	6.1	292	6.6	9. Unknown

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

N	Prcnt	WGHT	Prcnt	OWNER/OPERATOR
75	2.2	117	2.7	1. Yes
1846	54.2	2229	50.6	2. No
1482	43.5	2057	46.7	8. Not applicable (Not for hire)
1	0.0	1	0.0	9. Unknown

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

N	Prcnt	WGHT	Prcnt	TRIP TYPE
1280	37.6	1754	39.8	1. OTR, (over-the-road)
667	19.6	890	20.2	2. Local delivery
1140	33.5	1365	31.0	3. OTR, under 200 miles
175	5.1	178	4.0	4. OTR, 200 miles and over
0	0.0	0	0.0	5. OTR, unknown distance
142	4.2	217	4.9	9. Unknown

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SURVEY VARIABLES

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

N Prcnt		WGHT Prcnt		HOURS DRIVING
746	21.9	985	22.4	01. 1 hour
436	12.8	575	13.1	02. 2 hours
370	10.9	466	10.6	03. 3 hours
373	11.0	466	10.6	04. 4 hours
306	9.0	372	8.4	05. 5 hours
254	7.5	304	6.9	06. 6 hours
172	5.1	209	4.7	07. 7 hours
167	4.9	197	4.5	08. 8 hours
69	2.0	80	1.8	09. 9 hours
42	1.2	48	1.1	10. 10 hours
6	0.2	7	0.2	11. 11 hours
33	1.0	40	0.9	12. 12 hours
4	0.1	5	0.1	13. 13 hours
1	0.0	1	0.0	14. 14 hours
1	0.0	1	0.0	17. 17 hours
1	0.0	2	0.0	34. 34 hours
19	0.6	27	0.6	98. Not applicable
404	11.9	619	14.1	99. Unknown

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

N Prcnt		WGHT Prcnt		INTERVIEW
2966	87.1	3940	89.5	1. Yes
438	12.9	464	10.5	2. No
0	0.0	0	0.0	9. Unknown

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

N Prcnt		WGHT Prcnt		POLICE REPORT
3304	97.1	4268	96.9	1. Yes
100	2.9	136	3.1	2. No
0	0.0	0	0.0	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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

N	Prcnt	WGHT	Prcnt	MCS 50-T
1775	52.1	1795	40.8	1. Yes
1629	47.9	2609	59.2	2. No
0	0.0	0	0.0	9. Unknown

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	WGHT	Prcnt	1ST QUESTION DERIVED
2103	61.8	2741	62.2	00. None
53	1.6	76	1.7	08. Question 8
1029	30.2	1294	29.4	15. Question 15
10	0.3	13	0.3	17. Question 17
3	0.1	4	0.1	18. Question 18
66	1.9	87	2.0	19. Question 19
80	2.4	120	2.7	20. Question 20
4	0.1	4	0.1	21. Question 21
8	0.2	9	0.2	26. Question 26
39	1.1	41	0.9	27. Question 27
9	0.3	15	0.3	28. Question 28

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

N	Prcnt	WGHT	Prcnt	2ND QUESTION DERIVED
2637	77.5	3397	77.1	00. None
1	0.0	1	0.0	08. Question 8
28	0.8	40	0.9	15. Question 15
399	11.7	557	12.6	16. Question 16
8	0.2	12	0.3	17. Question 17
55	1.6	75	1.7	18. Question 18
96	2.8	113	2.6	19. Question 19
66	1.9	92	2.1	20. Question 20
2	0.1	4	0.1	26. Question 26
111	3.3	112	2.5	27. Question 27
1	0.0	1	0.0	28. Question 28

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

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

N Prcnt		WGHT Prcnt		6TH QUESTION DERIVED
3399	99.9	4398	99.9	00. None
1	0.0	1	0.0	20. Question 20
1	0.0	1	0.0	21. Question 21
1	0.0	2	0.0	26. Question 26
2	0.1	2	0.0	27. Question 27

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

N Prcnt		WGHT Prcnt		7TH QUESTION DERIVED
3404	100.0	4404	100.0	00. None

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

N Prcnt		WGHT Prcnt		8TH QUESTION DERIVED
3404	100.0	4404	100.0	00. None

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

N Prcnt		WGHT Prcnt		9TH QUESTION DERIVED
3404	100.0	4404	100.0	00. None

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

N Prcnt		WGHT Prcnt		10TH QUESTION DERIVED
3404	100.0	4404	100.0	00. None

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1991
SURVEY VARIABLES

Variable 1076	SAMPLE WEIGHT	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

N	Prcnt	WGHT	Prcnt	SAMPLE WEIGHT
2404	70.6	2404	54.6	Sample weight = 1
1000	29.4	2000	45.4	Sample weight = 2

APPENDIX

VEHICLE CONFIGURATION

	<u>POWER UNIT</u>	<u>FIRST TRAILER</u>	<u>SECOND TRAILER</u>	<u>THIRD TRAILER</u>
10. TYPE:	Tractor [] 8 St. Trk. [] 1 26	Semi [] 1 Full [] 2 Other [] 3 None [] 4	Semi [] 1 Full [] 2 Other [] 3 None [] 4	Semi [] 1 Full [] 2 Other [] 3 None [] 4
11. NO. OF AXLES IN USE:	_____ 30	_____ 31	_____ 32	_____ 33
12. NO. OF LIFT AXLES: (not in use)	_____ 34	_____ 35	_____ 36	_____ 37

13. COMBINATION CODE: _____
38 39 40 41 42 43 44 45 46 47

(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 _____ (editor)
48

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? _____ Lbs.
73 74 75 76 77 78

17. CARGO WEIGHT: _____ (pounds)
79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102
(% Full: _____) (% Full: _____) (% Full: _____) (% Full: _____)

18. What was the TOTAL WEIGHT of the truck and any cargo at the time of the accident? _____ Lbs.
103 104 105 106 107 108

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? _____ Ft.
121 122 123

21. What was the WIDTH of the truck, trailer(s), or cargo at the widest point? _____ Inches
124 125 126

CARGO INFORMATION

POWER UNIT

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

127-128

Specify "other" body style:

135 136 137 138 139 140 141 142 143 144

FIRST TRAILER

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

129-130

145 146 147 148 149 150 151 152 153 154

SECOND TRAILER

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

131-132

155 156 157 158 159 160 161 162 163 164

THIRD TRAILER

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

133-134

165 166 167 168 169 170 171 172 173 174

23. 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 [] 18

175-176

Cargo _____ (Specify)

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

179-180

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

181-182

Cargo _____ (editor)

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

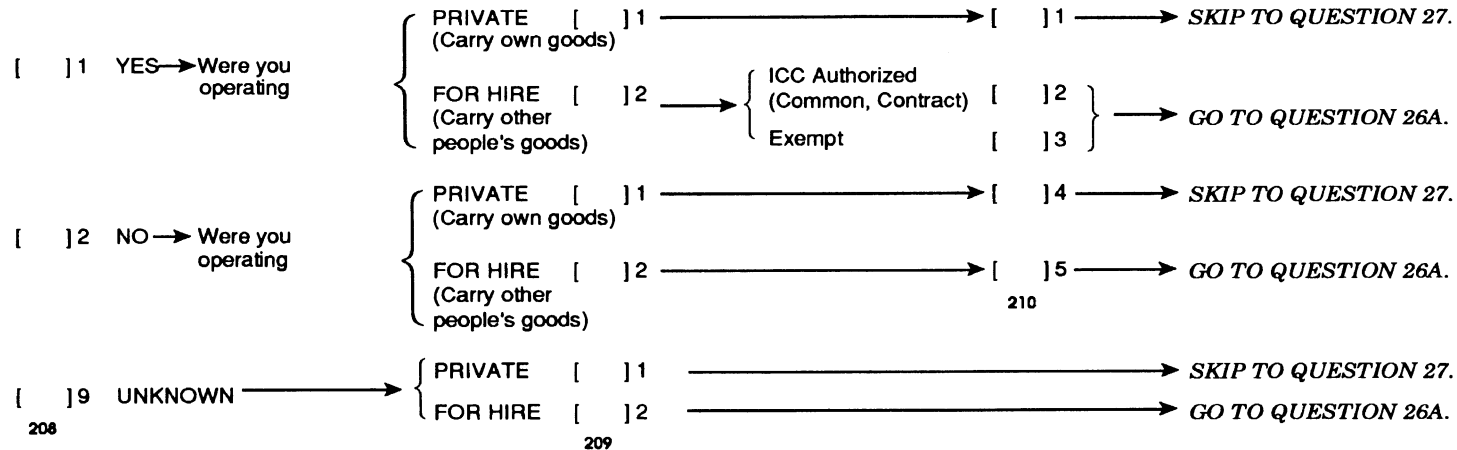
Owner Name _____

Owner's Business Type _____

26. Operating Authority at the Time of the Accident

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

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



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

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

DERIVED INFORMATION (*Insert question numbers.*)

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

