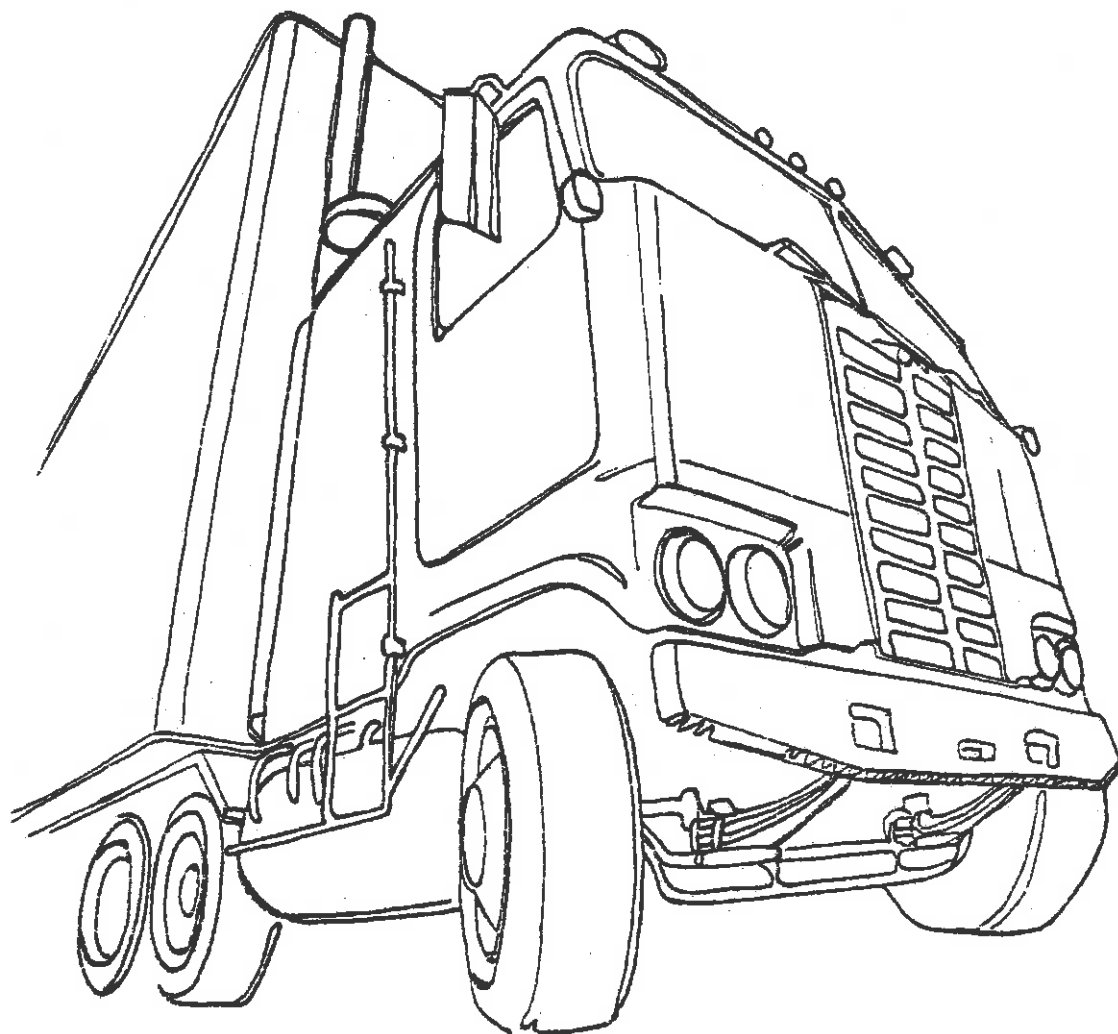


# FREIGHTLINER TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82



UMTRI TRUCK STUDY  
MAY 1985

**UMTRI**

The University of Michigan  
Transportation Research Institute

On September 16, 1982, the Regents of The University of Michigan changed the name of the Highway Safety Research Institute to the University of Michigan Transportation Research Institute (UMTRI).

FREIGHTLINER TRUCKS  
INVOLVED IN FATAL ACCIDENTS, 1980-82  
(Version November 16, 1984)

UMTRI Truck Study

University of Michigan Transportation Research Institute  
(formerly Highway Safety Research Institute)

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## EXECUTIVE SUMMARY

The UMTRI dataset of Trucks Involved in Fatal Accidents, 1980-82, provides detailed descriptions of all medium and heavy trucks involved in a fatal accident in the continental United States, excluding Alaska, during the years 1980 through 1982. In particular, it gives information on the vehicle and cargo that is not contained in the computerized data from the Fatal Accident Reporting System (FARS). The UMTRI file is a combination of telephone surveys, mail surveys, Bureau of Motor Carrier Safety (BMCS) accident reports matched with FARS cases, and supplementary data coded from police accident reports.

Overall, a total of 5,056 medium and heavy trucks were involved in fatal accidents in 1980, 5,244 in 1981, and 4,718 in 1982. Thus the number of involvements rose by 3.7 percent from 1980 to 1981, but fell by 10.0 percent from 1981 to 1982. Whether such differences represent real changes in medium and heavy truck safety or are instead attributable to changes in vehicle use and mileage cannot at present be established.

Special attention was devoted to establishing the correct combination type since the combination type established from the BMCS and survey data frequently differs from that coded by FARS. Overall the UMTRI survey found that the power unit was a straight truck in 4,062 cases, or 27.0 percent, of the 15,018 medium and heavy trucks involved in fatal accidents during the three years, and that 10,844 power units, or 72.2 percent, were tractors. A determination could not be made for 112 trucks or 0.7 percent. The straight trucks were further divided into 3,632 trucks with no trailer (24.2 percent of all the medium and heavy trucks), 226 (1.5 percent) with a full trailer, 158 (1.1 percent) with some other kind of trailer, 1 (0.0 percent) with two full trailers, and 46 (0.3 percent) with other or unknown configurations. The tractors were divided into 383 (2.6 percent of the total) bobtails, 9,917 (66.0 percent) tractors with a semi-trailer, 446 (3.0 percent) with a semi- and a full trailer, 4 (0.0 percent) with three trailers, 34 (0.2 percent) with a single, non-semi-trailer, and 54 (0.4 percent) other or unknown.

The type of company operating the vehicle was also ascertained: 9,811, or 65.3 percent, of the involved medium and heavy trucks were found to be operated by interstate carriers, and 3,715 trucks, or 24.7 percent, by intrastate-only carriers. The rest, 9.9 percent, were either owned by some government entity, were used for daily rental, or were of unknown ownership. For-hire carriers accounted for 7,250, or 48.3 percent, of the involved vehicles, private carriers for 6,410, or 42.7 percent. ICC authorized carriers were operating 5,432 or 36.2 percent of the involved vehicles.



## INTRODUCTION

### Overview

This report documents the November 16, 1984, version of the Trucks Involved in Fatal Accidents, 1980-82, dataset. The report summarizes all the information in the computerized data file. This file describes all medium and heavy trucks that were involved in a fatal accident in the continental United States, excluding Alaska, during calendar years 1980 through 1982. All pickups and trucks with a gross vehicle weight rating of ten thousand pounds or less are excluded. All the vehicles described are from the "final" versions of the Fatal Accident Reporting System (FARS) files for the appropriate years. These FARS files are developed by the National Highway Traffic Safety Administration (NHTSA) and are the ones used by the agency for the annual reports on fatal accidents.

Frequencies and percentage distributions are given for all the numeric variables in the file. The first two columns provide frequencies and distributions for the Freightliner vehicles involved in accidents with the heading "FLINER" for the frequency column. The second two columns provide frequencies and percentages for all the vehicles in the file, with the heading "ALL" for the frequency column. This provides for easy comparison between distributions for Freightliner trucks in fatal accidents and the whole medium and heavy truck population involved in fatal accidents. The Freightliner subset was obtained by filtering on variable 1031, code 7.

The FARS variables from 1980 and 1981 have been recoded by UMTRI so that they are in essentially the same format as the FARS 1982 data. Where a particular variable was not coded in 1980 or 1981, this is noted. Similarly the BMCS and Survey variables have been placed in the format used in the TIFA 1982 dataset. Variable 9 shows the year of the accident: 5,056 involvements are from 1980, 5,244 from 1981 and 4,718 from 1982. These numbers do not correspond exactly with the number of cases in the TIFA 1980 and TIFA 1981 codebooks. This is because some revision was done on the 1980 and 1981 data after the issue of the codebooks. This three-year data file represents the 1980 data as of November 15, 1984, and the 1981 data as of November 21, 1984. No further revisions are expected for either year. The 1982 data is the version of November 9, 1984.

The dataset includes virtually all the variables from the public version of the three FARS files--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.

Companion reports document two additional versions of the three-year file, one for two-vehicle accidents involving two medium or heavy trucks, and one for two-vehicle accidents involving a medium or heavy truck and some other kind of vehicle.

In addition to the variables from FARS (variables 1 through 326), there is a set of variables (numbers 1001 through 1085) that provide the more detailed description of the vehicle and its cargo that is supplied to the Bureau of Motor Carrier Safety (BMCS) by interstate carriers of goods. Such carriers are required to report to BMCS all accidents resulting in a fatality, in injury that requires treatment away from the scene, or in property damage of \$2000 or more. Form MCS 50-T, the form filled out for cargo-carrying vehicles, requests a comparatively detailed description of the vehicle and its cargo.

This contrasts with the more limited information on trucks that is supplied by FARS: make, model year, "Body Type," and "Vehicle Trailing." FARS Body Type divides medium and heavy trucks into straight trucks (with three weight categories and an unknown weight category), tractors, unknown medium trucks, and unknown heavy trucks. In Vehicle Trailing, FARS indicates whether the truck was pulling a trailer, and, if so, whether it was pulling a single trailer or two or more trailers. Even these distinctions are not always accurate. It was therefore decided, for the purposes of this study, to obtain the detail of the BMCS information for all medium and heavy trucks involved in fatal accidents, not just those operated by interstate motor carriers and reported to BMCS.

### 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. A few states deleted the driver's name from the copy of the report sent to us, and even fewer also deleted the owner's name. These police reports were subsequently used in matching BMCS cases to FARS cases, in identifying the appropriate respondent to contact when a match could not be made, and in checking responses for accuracy.

The preferred source of information to supplement FARS was a BMCS report for the involved vehicle. The BMCS files for 1980 through 1982 were available at UMTRI in computerized form, and use of these reports was clearly less costly than any form of independent data collection. To match the BMCS fatal cases with the corresponding case in FARS, a two-stage procedure was used. First a computerized algorithm was used to match the cases; then an attempt was made to match the remaining cases by hand on a state-by-state basis. The computerized algorithm was itself divided into six steps. Each step used three or four variables to make the match and a further four variables to check the match. If



any one of the four check variables failed, then the match was rejected (although the same match might be successful on a subsequent pass). The information on the cases that failed on the check variables was retained and the potential match was later reviewed at the hand-matching stage.

There were 6,388 BMCS cases for fatal accidents. Each of these could in theory be matched with one of the 15,887 FARS cases in the original subset.<sup>1</sup> The results of the matching procedures are shown in the table below. Overall over 81 percent of the BMCS fatal subset were matched, but this meant completion of only 33 percent of the FARS cases.

COMPUTER AND HAND MATCHES BETWEEN FARS AND BMCS

Data Source	No. of Cases in Subset	Computer Matched		Hand Matched		Total Matched	
		N	%	N	%	N	%
FARS	15,887	3,750	23.6	1,451	9.1	5,201	32.7
BMCS	6,338	3,750	58.7	1,451	22.7	5,201	81.4

A system of data collection was set up to handle the remaining 67 percent of the FARS cases. Information was collected primarily by telephone interview. If a telephone interview proved impossible, then a mail survey was sent. Mail surveys were also sent out when requested by the interviewee. 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 investigating 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. A few states blanked out all names and addresses on the police reports. Here, no owner or driver could be identified, and all information is derived from the police reports. Variable 1085 documents the source of the information supplementing FARS, while variable 1084 shows whether an interview was made or not, and, if made, whether it was completed.

<sup>1</sup>The final dataset has 15,018 cases, because 869 were deleted as "non-sample."

Interviews were completed for 7,712 of the 10,686 FARS cases not matched with BMCS, or 72.2 percent. Another 869 cases or 8.7 percent were determined to be "non-sample." Survey forms were mailed out for 2,151 or 20.2 percent of the unmatched cases, and completed forms were returned for 991 cases or 9.3 percent, resulting in a 45.9 percent response rate for the mailed forms. The remaining 1,094 cases or 10.2 percent were coded from the police accident report. There were 20 cases (0.2 percent) for which no report was available.

The combination of telephone interviews, mailings, and coding from police accident reports produced a completion rate of 90.5 percent (9,674 cases) for the survey cases. Only 260 cases or 2.4 percent ended in refusal, and the remaining 752 cases or 7.0 percent were cases where we were unable to locate the owner, the driver, or some other informant. Even for these, unless no police report was available, some information was coded. Including the cases matched with BMCS yields an overall completion rate of 93.6 percent.

#### Number of Cases

In all three years the cases selected for follow-up included all cases coded by FARS on the Body Type variable as being medium or heavy trucks or unknown type trucks. A new VIN-decoding program, VINA, was used by FARS for the first time on the 1981 data. This program returns a number of codes for trucks, including series and weight class. (These return codes are contained in variables 145 through 147 of this dataset.) The weight class code enabled UMTRI to select all the FARS light trucks and vehicles of unknown body type which appeared from their VINS to be medium or heavy trucks. If such vehicles in 1981 and 1982 accidents were returned by the VINA program as having a weight class of 3 through 8, i.e., greater than 10,000 pounds gross weight rating, they were included. Fire trucks were excluded from the selection. The total number of FARS vehicles selected for follow-up was 5,431 for 1980, 5,579 for 1981, and 4,877 for 1982. The total for the three years combined was 15,887.

However, some of the selected vehicles were subsequently found to have been light rather than medium or heavy trucks. In particular, a significant number of vehicles coded by FARS as straight trucks with a GVW less than 19,500 pounds turned out to be pickups and other light trucks. These were designated "non-sample vehicles." Also designated non-sample 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 properly parked at the side of the road. In total, 869 vehicles, mostly light trucks, were deleted from the file as non-sample vehicles. This left a total of 15,018 valid cases. Each distribution in this report sums to these 15,018 cases.<sup>2</sup>

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<sup>2</sup>Variables 43, 137, and 223 are multiple response variables. For these variables, the tabulated frequencies sum to 15,018 times the number of responses indicated for the variable.

### Modifications to the Data

Cases where the data, as received from BMCS, contained "wild" or inconsistent codes have been reviewed and corrected. In addition one variable in the version of the BMCS files built by UMTRI has been subjected to special review for accuracy and consistency with other data elements. This is the Vehicle Combination Code (variable 1063 here, variable 41 in the stand-alone BMCS file). All cases where the BMCS file reports two or more trailers being pulled were confirmed either by a review of the police report or by telephone contact with the owner. Similarly, all cases where the BMCS file showed fewer trailers than reported by FARS were checked by the same methods. The file documented here contains the corrected combination code. Other variables have been corrected to conform to the new combination code when changes were made.

### 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.

However, 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 Systems Analysis Division of 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 Oliver Carsten at (313) 764-0248. 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, 1980-82  
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>
1	CASE STATE	2	Numeric		1
2	CASE NUMBER	4	Numeric		2
5	CITY	4	Numeric		2
6	COUNTY	3	Numeric		2
7	ACCIDENT DATE - MONTH	2	Numeric		3
8	ACCIDENT DATE - DAY	2	Numeric		3
9	ACCIDENT DATE - YEAR	2	Numeric		3
10	ACCIDENT TIME - HOUR	2	Numeric		3
11	ACCIDENT TIME - MINUTE	2	Numeric		4
12	NO OF VEHICLES INVOLVED	2	Numeric		4
13	NO OF PERSON FORMS	2	Numeric		5
14	LAND USE	1	Numeric		5
15	ROADWAY FUNCTION CLASS	1	Numeric		5
16	FEDERAL AID SYSTEM	1	Numeric		6
17	CLASS TRAFFICWAY	1	Numeric		6
18	TRAFFICWAY IDENTIFIER	10	Alpha		6
19	MILEPOINT	5	Numeric		7
20	SPECIAL JURISDICTION	1	Numeric		7
21	FIRST HARMFUL EVENT	2	Numeric		7
22	MANNER OF COLLISION	1	Numeric		8
23	RELATION TO JUNCTION	1	Numeric		9
24	RELATION TO ROADWAY	1	Numeric		9
25	TRAFFICWAY FLOW	1	Numeric		9
26	NO OF TRAVEL LANES	1	Numeric		10
27	SPEED LIMIT	2	Numeric		10



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
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>
28	ROADWAY ALIGNMENT	1	Numeric		11
29	ROADWAY PROFILE	1	Numeric		11
30	ROADWAY SURFACE TYPE	1	Numeric		11
31	ROADWY SURFACE CONDITION	1	Numeric		11
32	TRAFFIC CONTROL DEVICE	2	Numeric		12
33	TRAFFIC CONT FUNCTIONING	1	Numeric		13
34	HIT AND RUN	1	Numeric		14
35	LIGHT CONDITION	1	Numeric		14
36	ATMOSPHERIC CONDITIONS	1	Numeric		14
37	CONSTRUCTION/MAINT ZONE	1	Numeric		15
38	EMS NOTIFIED - HOUR	2	Numeric		15
39	EMS NOTIFIED - MINUTE	2	Numeric		15
40	EMS ARRIVAL - HOUR	2	Numeric		15
41	EMS ARRIVAL - MINUTE	2	Numeric		16
42	SCHOOL BUS RELATED	1	Numeric		16
43	ACCIDENT RELATED FACTORS	2	Numeric	3	16
44	RAIL GRADE CROSSING ID	7	Alpha		17
45	NO OF FATALITIES IN ACC	2	Numeric		17
46	DAY OF WEEK	1	Numeric		17
47	NO OF DRINKING DRIVERS	1	Numeric		18





TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE 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>
104	VEHICLE NUMBER	2	Numeric		19
106	VEHICLE MAKE	2	Numeric		19
107	VEHICLE MAKE-MODEL	4	Numeric		20
108	BODY TYPE	2	Numeric		24
109	MODEL YEAR	2	Numeric		25
110	VIN	10	Alpha		25
121	REGISTRATION STATE	2	Numeric		25
122	ROLLOVER	1	Numeric		27
123	JACKKNIFE	1	Numeric		27
124	TRAVEL SPEED	2	Numeric		27
125	HAZARDOUS CARGO	1	Numeric		28
126	VEHICLE TRAILERING	1	Numeric		28
127	SPECIAL USE	1	Numeric		28
128	EMERGENCY USE	1	Numeric		29
129	IMPACT POINT - INITIAL	2	Numeric		29
130	IMPACT POINT - PRINCIPAL	2	Numeric		29
131	EXTENT OF DEFORMATION	1	Numeric		30
132	VEHICLE ROLE	1	Numeric		30
133	MANNER OF LEAVING SCENE	1	Numeric		30
134	FIRE OCCURRENCE	1	Numeric		31
135	NO OF OCCUPANTS	2	Numeric		31
136	NO OF DEATHS IN VEH	2	Numeric		31
137	VEHICLE RELATED FACTORS	2	Numeric	2	32
138	VEHICLE MANEUVER	2	Numeric		32
139	MOST HARMFUL EVENT	2	Numeric		33



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE 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>
145	VIN TRUCK FUEL CODE	1	Numeric		34
146	VIN TRUCK WEIGHT CODE	1	Numeric		35
147	VIN TRUCK SERIES	3	Alpha		35
149	LENGTH OF VIN	2	Numeric		35
150	NO OF UNINJURED IN VEH	2	Numeric		36
151	NO OF C-INJURED IN VEH	2	Numeric		36
152	NO OF B-INJURED IN VEH	2	Numeric		36
153	NO OF A-INJURED IN VEH	2	Numeric		36
154	NO OF K-INJURED IN VEH	2	Numeric		37
155	NO OF UNK INJURED IN VEH	2	Numeric		37
206	DRIVER PRESENCE	1	Numeric		38
207	DRIVER DRINKING	1	Numeric		38
208	LICENSE STATE	2	Numeric		38
209	LICENSE CLASS COMPLIANCE	1	Numeric		39
210	LICENSE STATUS	1	Numeric		40
211	LICENSE RESTRICTIONS MET	1	Numeric		40
212	DRIVER TRAINING	1	Numeric		40
213	VIOLATIONS CHARGED	1	Numeric		41
214	NO OF PREV ACCIDENTS	2	Numeric		41
215	NO OF PREV SUSPENSIONS	2	Numeric		41
216	NO OF PREV DWI CONVICTNS	2	Numeric		42
217	NO OF PREV SPEEDING CONV	2	Numeric		42
218	NO OF PREV OTHER MV CONV	2	Numeric		43
219	LAST ACC/SUSPNSN - MONTH	2	Numeric		43
220	LAST ACC/SUSPNSN - YEAR	2	Numeric		43



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE 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>
221	1ST ACC/SUSPENS - MONTH	2	Numeric		44
222	1ST ACC/SUSPENS - YEAR	2	Numeric		44
223	DRIVER RELATED FACTORS	2	Numeric	3	45



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS PERSON 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>
305	PERSON NUMBER	2	Numeric		49
307	PERSON AGE	2	Numeric		49
308	PERSON SEX	1	Numeric		49
309	PERSON TYPE	1	Numeric		50
310	SEATING POSITION	2	Numeric		50
311	MANUAL RESTRAINT SYS	1	Numeric		50
312	AUTOMATIC RESTRAINT SYS	1	Numeric		50
314	EJECTION	1	Numeric		51
315	EXTRICATION	1	Numeric		51
316	ALCOHOL INVOLVEMENT	1	Numeric		51
317	ALCOHOL TEST RESULT	2	Numeric		51
318	INJURY SEVERITY	1	Numeric		52
319	TAKEN TO HOSPITAL	1	Numeric		52
320	DEATH DATE - MONTH	2	Numeric		52
321	DEATH DATE - DAY	2	Numeric		53
322	DEATH DATE - YEAR	2	Numeric		53
323	DEATH TIME - HOURS	2	Numeric		53
324	DEATH TIME - MINUTES	2	Numeric		54
325	LAG TIME ACC/DEATH - HRS	3	Numeric		54
326	LAG TIME ACC/DEATH - MIN	2	Numeric		54





TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and 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>
1001	BMCS ID	5	Numeric		55
1002	STATE OF CARRIER	2	Numeric		55
1003	AREA OF OPERATION	1	Numeric		56
1004	OPERATING AUTHORITY	1	Numeric		57
1005	CARRIER TYPE	1	Numeric		57
1006	OWNER OPERATOR	1	Numeric		57
1007	TRIP TYPE	1	Numeric		58
1009	DISTRICT TYPE	1	Numeric		58
1010	MONTH	2	Numeric		58
1011	DAY	2	Numeric		59
1012	HOUR	2	Numeric		59
1013	MINUTE	2	Numeric		60
1014	ACCIDENT TYPE	1	Numeric		60
1015	OTHER OBJECT INVOLVED	2	Numeric		60
1016	VEHICLE #1 ACTION	2	Numeric		61
1017	VEHICLE #2 ACTION	2	Numeric		61
1018	VEHICLE #3 ACTION	2	Numeric		62
1019	PRIMARY EVENT	1	Numeric		63
1020	ASSOC. ACCIDENT EVENT	1	Numeric		63
1021	DRIVER AGE	2	Numeric		63
1022	YEARS DRIVER EMPLOYED	2	Numeric		65
1023	HOURS DRIVING	2	Numeric		66
1024	SCHEDULED HOURS	2	Numeric		67
1025	DRIVER CONDITION	1	Numeric		67
1026	POWER UNIT TYPE	1	Numeric		67



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1027	STRT. TRUCK BODY STYLE	1	Numeric		68
1028	CAB STYLE	1	Numeric		68
1029	POWER UNIT YEAR	2	Numeric		68
1030	POWER UNIT NO. OF AXLES	1	Numeric		69
1031	POWER UNIT MAKE	2	Numeric		69
1032	POWER UNIT LENGTH	3	Numeric		70
1033	STRAIGHT TRUCK CARGO	2	Numeric		71
1034	STRT. TRUCK HAZ. CARGO	1	Numeric		72
1035	STRT. TRUCK CARGO WEIGHT	6	Numeric		72
1036	POWER UNIT EMPTY WEIGHT	6	Numeric		72
1037	1ST TRAILER TYPE	1	Numeric		73
1038	1ST TRAILER YEAR	2	Numeric		73
1039	1ST TRAILER NO. OF AXLES	2	Numeric		74
1040	1ST TRAILER BODY	1	Numeric		74
1041	1ST TRAILER CARGO	2	Numeric		75
1042	1ST TRAILER HAZ. CARGO	1	Numeric		75
1043	1ST TRAILER CARGO WEIGHT	6	Numeric		76
1044	1ST TRAILER EMPTY WEIGHT	6	Numeric		76
1045	1ST TRAILER LENGTH	3	Numeric		76
1046	2ND TRAILER TYPE	1	Numeric		78
1047	2ND TRAILER YEAR	2	Numeric		78
1048	2ND TRAILER NO. OF AXLES	2	Numeric		79
1049	2ND TRAILER BODY	1	Numeric		79
1050	2ND TRAILER CARGO	2	Numeric		80
1051	2ND TRAILER HAZ. CARGO	1	Numeric		80



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1052	2ND TRAILER CARGO WEIGHT	6	Numeric		81
1053	2ND TRAILER EMPTY WEIGHT	6	Numeric		81
1054	2ND TRAILER LENGTH	3	Numeric		81
1055	3RD TRAILER TYPE	1	Numeric		82
1056	3RD TRAILER NO. OF AXLES	2	Numeric		82
1057	3RD TRAILER BODY	1	Numeric		83
1058	3RD TRAILER CARGO	2	Numeric		83
1059	3RD TRAILER HAZ. CARGO	1	Numeric		84
1060	3RD TRAILER CARGO WEIGHT	6	Numeric		84
1061	3RD TRAILER EMPTY WEIGHT	6	Numeric		84
1062	3RD TRAILER LENGTH	3	Numeric		85
1063	VEHICLE COMBINATION CODE	2	Numeric		85
1064	NO. OF TRAILERS	1	Numeric		85
1065	TOTAL LENGTH	3	Numeric		86
1066	TOTAL WIDTH	2	Numeric		86
1067	TOTAL CARGO WEIGHT	6	Numeric		86
1068	GROSS WEIGHT	6	Numeric		87
1069	EMPTY COMBINATION WEIGHT	6	Numeric		87
1070	FUEL TYPE	1	Numeric		87
1071	HAZ. MAT. IN CARGO	1	Numeric		87
1072	DRIVER KILLED	1	Numeric		88
1073	DRIVER INJURED	1	Numeric		88
1074	TOTAL KILLED IN VEHICLE	2	Numeric		88
1075	TOTAL INJURED IN VEHICLE	2	Numeric		89
1076	TOTAL KILLED IN ACCIDENT	2	Numeric		89



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and 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>
1077	TOT. INJURED IN ACCIDENT	2	Numeric		89
1078	WEATHER	1	Numeric		90
1079	LIGHT CONDITION	1	Numeric		90
1080	ROAD SURFACE CONDITION	1	Numeric		91
1081	NUMBER OF LANES	1	Numeric		91
1082	HIGHWAY TYPE	1	Numeric		91
1083	CARGO (BMCS)	2	Numeric		92
1084	INTERVIEW STATUS	1	Numeric		92
1085	SOURCE OF INFORMATION	1	Numeric		92





The ACCIDENT VARIABLES

Variables 1 through 47 are the FARS variables that describe the accident.

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

	FRTL Prcnt		ALL Prcnt		CASE STATE
	24	1.6	350	2.3	01. Alabama
	0	0.0	0	0.0	02. Alaska
	34	2.3	219	1.5	04. Arizona
	42	2.8	281	1.9	05. Arkansas
-	241	16.1	1098	7.3	06. California
	31	2.1	198	1.3	08. Colorado
	1	0.1	133	0.9	09. Connecticut
	3	0.2	56	0.4	10. Delaware
	0	0.0	4	0.0	11. District of Columbia
	35	2.3	764	5.1 -	12. Florida
	31	2.1	502	3.3	13. Georgia
	0	0.0	0	0.0	15. Hawaii
	16	1.1	115	0.8	16. Idaho
	40	2.7	540	3.6	17. Illinois
	47	3.1	421	2.8	18. Indiana
	33	2.2	275	1.8	19. Iowa
	26	1.7	252	1.7	20. Kansas
	16	1.1	299	2.0	21. Kentucky
	25	1.7	442	2.9	22. Louisiana
	6	0.4	49	0.3	23. Maine
	20	1.3	216	1.4	24. Maryland
	0	0.0	106	0.7	25. Massachusetts
	21	1.4	354	2.4	26. Michigan
	17	1.1	222	1.5	27. Minnesota
	31	2.1	293	2.0	28. Mississippi
	49	3.3	375	2.5	29. Missouri
-	28	1.9	126	0.8	30. Montana
	25	1.7	183	1.2	31. Nebraska
	14	0.9	72	0.5	32. Nevada
	0	0.0	39	0.3	33. New Hampshire
	13	0.9	315	2.1 -	34. New Jersey
	30	2.0	192	1.3	35. New Mexico
	21	1.4	587	3.9 -	36. New York
	29	1.9	446	3.0	37. North Carolina
	8	0.5	69	0.5	38. North Dakota
	28	1.9	571	3.8 -	39. Ohio
	48	3.2	432	2.9	40. Oklahoma
-	39	2.6	189	1.3	41. Oregon
	42	2.8	707	4.7 -	42. Pennsylvania

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt		ALL Prcnt		Var 1	CASE STATE
0	0.0	0	0.0	43.	Puerto Rico
1	0.1	12	0.1	44.	Rhode Island
19	1.3	251	1.7	45.	South Carolina
16	1.1	81	0.5	46.	South Dakota
24	1.6	363	2.4	47.	Tennessee
189	12.7	1691	11.3	48.	Texas
19	1.3	125	0.8	49.	Utah
1	0.1	21	0.1	50.	Vermont
23	1.5	277	1.8	51.	Virginia
40	2.7	179	1.2	53.	Washington
9	0.6	136	0.9	54.	West Virginia
20	1.3	274	1.8	55.	Wisconsin
19	1.3	116	0.8	56.	Wyoming

---

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

---

FRTL Prcnt		ALL Prcnt		CASE NUMBER ASSIGNED WITHIN STATES	
1	0.1	11	0.1	0001.	
				- . Case number	
0	0.0	0	0.0	9999.	

---

Variable 5 CITY MD1: 9999 Field Width: 4  
MD2: None Type: Numeric

---

FRTL Prcnt		ALL Prcnt		CITY -GSA GEOGRAPHIC LOCATION CODE	
1112	74.4	10158	67.6	0000.	Not applicable
0	0.0	0	0.0	0001.	
				- . GSA code	
0	0.0	0	0.0	9996.	
16	1.1	180	1.2	9997.	Other
3	0.2	11	0.1	9999.	Unknown

---

Variable 6 COUNTY MD1: 999 Field Width: 3  
MD2: None Type: Numeric

---

FRTL Prcnt		ALL Prcnt		COUNTY -GSA GEOGRAPHIC LOCATION CODE	
19	1.3	271	1.8	001.	
				- . GSA code	
0	0.0	0	0.0	996.	
0	0.0	0	0.0	997.	Other
1	0.1	2	0.0	999.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS ACCIDENT VARIABLES

Variable 7 ACCIDENT DATE - MONTH MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

	FRTL Prcnt	ALL Prcnt	ACCIDENT DATE - MONTH
-130	8.7	1176 7.8	01. January
95	6.4	1125 7.5	02. February
104	7.0	1146 7.6	03. March
99	6.6	1139 7.6	04. April
110	7.4	1175 7.8	05. May
139	9.3	1260 8.4	06. June
120	8.0	1257 8.4	07. July
133	8.9	1422 9.5	08. August
129	8.6	1351 9.0	09. September
-166	11.1	1456 9.7	10. October
-133	8.9	1271 8.5	11. November
-136	9.1	1240 8.3	12. December

Variable 8 ACCIDENT DATE - DAY MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

	FRTL Prcnt	ALL Prcnt	ACCIDENT DATE - DAY
57	3.8	485 3.2	01. - . Day of month
23	1.5	255 1.7	31.

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

	FRTL Prcnt	ALL Prcnt	ACCIDENT DATE - YEAR
525	35.1	5056 33.7	80. 1980
508	34.0	5244 34.9	81. 1981
461	30.9	4718 31.4	82. 1982

Variable 10 ACCIDENT TIME - HOUR MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

	FRTL Prcnt	ALL Prcnt	ACCIDENT TIME - HOUR
76	5.1	500 3.3	00. 12:01 am - 12:59 am
74	5.0	535 3.6	01. 1:00 am - 1:59 am
78	5.2	565 3.8	02. 2:00 am - 2:59 am
69	4.6	477 3.2	03. 3:00 am - 3:59 am
70	4.7	449 3.0	04. 4:00 am - 4:59 am
57	3.8	480 3.2	05. 5:00 am - 5:59 am

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt		ALL Prcnt		Var 10	ACCIDENT TIME - HOUR
59	3.9	555	3.7	06.	6:00 am - 6:59 am
45	3.0	605	4.0	07.	7:00 am - 7:59 am
49	3.3	607	4.0	08.	8:00 am - 8:59 am
54	3.6	709	4.7	09.	9:00 am - 9:59 am
55	3.7	736	4.9	10.	10:00 am - 10:59 am
48	3.2	756	5.0	11.	11:00 am - 11:59 am
66	4.4	759	5.1	12.	12:00 pm - 12:59 pm
70	4.7	802	5.3	13.	1:00 pm - 1:59 pm
63	4.2	961	6.4	14.	2:00 pm - 2:59 pm
64	4.3	925	6.2	15.	3:00 pm - 3:59 pm
53	3.5	786	5.2	16.	4:00 pm - 4:59 pm
65	4.4	685	4.6	17.	5:00 pm - 5:59 pm
56	3.7	563	3.7	18.	6:00 pm - 6:59 pm
60	4.0	497	3.3	19.	7:00 pm - 7:59 pm
55	3.7	469	3.1	20.	8:00 pm - 8:59 pm
60	4.0	487	3.2	21.	9:00 pm - 9:59 pm
72	4.8	535	3.6	22.	10:00 pm - 10:59 pm
70	4.7	533	3.5	23.	11:00 pm - 11:59 pm
2	0.1	28	0.2	24.	12:00 midnight
4	0.3	14	0.1	99.	Unknown

---

Variable	11	ACCIDENT TIME - MINUTE	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		ACCIDENT TIME - MINUTE
189	12.7	1987	13.2	00.
				- . Minute
7	0.5	40	0.3	59.
20	1.3	236	1.6	99. Unknown

---

Variable	12	NO OF VEHICLES INVOLVED	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		NO OF VEHICLES INVOLVED
378	25.3	3486	23.2	01. 1 vehicle
916	61.3	9765	65.0	02. 2 vehicles
125	8.4	1299	8.6	03. 3 vehicles
32	2.1	258	1.7	04. 4 vehicles
12	0.8	87	0.6	05. 5 vehicles
4	0.3	16	0.1	06. 6 vehicles
5	0.3	26	0.2	07. 7 vehicles
0	0.0	1	0.0	08. 8 vehicles
2	0.1	9	0.1	09. 9 vehicles
3	0.2	10	0.1	10. 10 vehicles
6	0.4	14	0.1	11. 11 vehicles

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 12	NO OF VEHICLES INVOLVED
3 0.2	8 0.1	12.	12 vehicles
0 0.0	3 0.0	15.	15 vehicles
2 0.1	5 0.0	16.	16 vehicles
0 0.0	4 0.0	18.	18 vehicles
3 0.2	9 0.1	24.	
2 0.1	14 0.1	26.	
1 0.1	4 0.0	99.	Unknown

---

Variable 13 NO OF PERSON FORMS MD1: None Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	NO OF PERSON FORMS SUBMITTED
165 11.0	1509 10.0	01.
0 0.0	0 0.0	- . Number submitted
		99.

---

Variable 14 LAND USE MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	LAND USE - FHWA CLASSIFICATION
386 25.8	4591 30.6	1. Urban area
1099 73.6	10255 68.3	2. Rural area
9 0.6	172 1.1	9. Unknown

---

Variable 15 ROADWAY FUNCTION CLASS MD1: 9 Field Width: 1  
MD2: None Type: Numeric

Not coded for 1980

FRTL Prcnt	ALL Prcnt	ROADWAY FUNCTION CLASS
282 18.9	2068 13.8	1. Principal arterial - interstate
33 2.2	257 1.7	2. Principal arterial - other urban freeway or expressway
381 25.5	3476 23.1	3. Principal arterial - other
145 9.7	1982 13.2	4. Minor arterial
8 0.5	165 1.1	5. Urban collector
69 4.6	976 6.5	6. Major rural collector
4 0.3	190 1.3	7. Minor rural collector
29 1.9	569 3.8	8. Local road or street
543 36.3	5335 35.5	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

Variable 16 FEDERAL AID SYSTEM MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prct		ALL Prct		TA-1 CLASS - FHWA CLASSIFICATION
464	31.1	3110	20.7	1. Interstate
733	49.1	7129	47.5	2. Other Federal Aid primary
119	8.0	1705	11.4	3. Federal Aid secondary
80	5.4	1087	7.2	4. Federal Aid urban arterial
7	0.5	176	1.2	5. Federal Aid urban collector
17	1.1	206	1.4	6. Non-Federal Aid arterial
13	0.9	388	2.6	7. Non-Federal Aid collector
40	2.7	885	5.9	8. Non-Federal Aid local
21	1.4	332	2.2	9. Unknown

Variable 17 CLASS TRAFFICWAY MD1: 9 Field Width: 1  
MD2: None Type: Numeric

Not coded for 1981

FRTL Prct		ALL Prct		CLASS TRAFFICWAY
318	21.3	2015	13.4	1. Interstate
2	0.1	53	0.4	2. Other limited access (1980 cases only)
303	20.3	2760	18.4	3. Other U.S. route
262	17.5	3207	21.4	4. Other state route
6	0.4	102	0.7	5. Other major artery (1980 cases only)
42	2.8	787	5.2	6. County road
44	2.9	737	4.9	7. Local street
7	0.5	93	0.6	8. Other road
510	34.1	5264	35.1	9. Unknown

Variable 18 TRAFFICWAY IDENTIFIER MD1: None Field Width: 10  
MD2: None Type: Alphabetic

FRTL Prct	ALL Prct	TRAFFICWAY IDENTIFIER
		9999999999. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

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Variable	19	MILEPOINT	MD1: 99999	Field Width: 5
			MD2: None	Type: Numeric

Not coded for 1980 and 1981

FRTL Prcnt	ALL Prcnt	MILEPOINT
		00000. None
		00001.
		- . Actual to nearest .1 mile
		99998.
		99999. Unknown

Variable	20	SPECIAL JURISDICTION	MD1: 9	Field Width: 1
			MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	SPECIAL JURISDICTION
1481 99.1	14912 99.3	0. No special jurisdiction
1 0.1	11 0.1	1. National Park Service
0 0.0	4 0.0	2. Military
10 0.7	71 0.5	3. Indian reservation
0 0.0	3 0.0	4. College/university campus
1 0.1	9 0.1	5. Other federal properties
0 0.0	6 0.0	8. Other
1 0.1	2 0.0	9. Unknown

Variable	21	FIRST HARMFUL EVENT	MD1: 99	Field Width: 2
			MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	FIRST EVENT CAUSING INJURY OR PROPERTY DA
Non-Collision Event		
109 7.3	884 5.9	01. Overturn
0 0.0	7 0.0	02. Fire/explosion
0 0.0	3 0.0	03. Immersion
0 0.0	1 0.0	04. Gas inhalation
2 0.1	84 0.6	05. Fell from vehicle
0 0.0	3 0.0	06. Injured in vehicle
2 0.1	53 0.4	07. Other non-collision
Collision With Object Not Fixed		
117 7.8	1193 7.9	08. Pedestrian
15 1.0	201 1.3	09. Pedalcycle
11 0.7	117 0.8	10. Railway train
9 0.6	56 0.4	11. Animal
1043 69.8	10802 71.9	12. Motor vehicle in transport

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 21	FIRST HARMFUL EVENT
23 1.5	187 1.2	13.	Motor vehicle in transport in other roadway
23 1.5	185 1.2	14.	Parked motor vehicle
0 0.0	5 0.0	15.	Other type non-motorist
2 0.1	24 0.2	16.	Thrown or falling object
0 0.0	2 0.0	17.	Boulder
2 0.1	13 0.1	18.	Other object (not fixed)
Collision With Fixed Object			
10 0.7	80 0.5	19.	Building
8 0.5	49 0.3	20.	Impact attenuator/crash cushion
6 0.4	61 0.4	21.	Bridge pier or abutment
10 0.7	118 0.8	22.	Bridge parapet end
10 0.7	53 0.4	23.	Bridge rail
51 3.4	376 2.5	24.	Guardrail
1 0.1	10 0.1	25.	Concrete traffic barrier
3 0.2	26 0.2	26.	Other longitudinal barrier type
8 0.5	65 0.4	27.	Highway/traffic sign post
1 0.1	31 0.2	28.	Overhead sign support
1 0.1	15 0.1	29.	Luminaire/light support
1 0.1	18 0.1	30.	Utility pole
4 0.3	59 0.4	31.	Other post, pole or supports
4 0.3	39 0.3	32.	Culvert
7 0.5	76 0.5	33.	Curb
3 0.2	24 0.2	34.	Ditch
1 0.1	16 0.1	35.	Embankment - earth
0 0.0	8 0.1	36.	Embankment - rock, stone or concrete
2 0.1	16 0.1	37.	Embankment - material type unknown
1 0.1	9 0.1	38.	Fence
0 0.0	7 0.0	39.	Wall
0 0.0	1 0.0	40.	Fire hydrant
1 0.1	1 0.0	41.	Shrubbery
2 0.1	27 0.2	42.	Tree
1 0.1	10 0.1	43.	Other fixed object
0 0.0	0 0.0	44.	Pavement surface irregularity (pothole, grooved, grates)
0 0.0	3 0.0	99.	Unknown

Variable 22 MANNER OF COLLISION MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	MANNER OF COLLISION
428 28.6	4026 26.8	0. Not a collision with a vehicle in transport
278 18.6	2534 16.9	1. Rear-end



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

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FRTL Prcnt	ALL Prcnt	Var 22	MANNER OF COLLISION
292 19.5	3092 20.6	2.	Head-on
1 0.1	14 0.1	3.	Rear-to-rear
389 26.0	4571 30.4	4.	Angle
55 3.7	341 2.3	5.	Sideswipe - same direction
46 3.1	404 2.7	6.	Sideswipe - opposite direction
5 0.3	36 0.2	9.	Unknown

---

Variable	23	RELATION TO JUNCTION	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

---

FRTL Prcnt	ALL Prcnt	RELATION TO JUNCTION
1054 70.5	9768 65.0	1. Non-junction
287 19.2	3626 24.1	2. Intersection
29 1.9	299 2.0	3. Intersection related
29 1.9	212 1.4	4. Interchange area
55 3.7	756 5.0	5. Driveway, alley, access, etc.
21 1.4	166 1.1	6. Entrance/exit ramp
11 0.7	129 0.9	7. Rail grade crossing
7 0.5	51 0.3	8. In crossover
1 0.1	11 0.1	9. Unknown

---

Variable	24	RELATION TO ROADWAY	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

---

FRTL Prcnt	ALL Prcnt	RELATION TO ROADWAY
1235 82.7	12765 85.0	1. On roadway
52 3.5	518 3.4	2. Shoulder
37 2.5	265 1.8	3. Median
130 8.7	1087 7.2	4. Roadside
17 1.1	125 0.8	5. Outside right-of-way
20 1.3	219 1.5	6. Off roadway - location unknown
0 0.0	5 0.0	7. In parking lane
1 0.1	3 0.0	8. Gore
2 0.1	31 0.2	9. Unknown

---

Variable	25	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.

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt		ALL Prcnt		Var 25	TRAFFICWAY FLOW
793	53.1	9463	63.0	1.	Not physically divided (two way trafficway)
515	34.5	3987	26.5	2.	Divided highway, median strip (without traffic barrier)
163	10.9	1239	8.3	3.	Divided highway, median strip (with traffic barrier)
16	1.1	197	1.3	4.	One way trafficway
7	0.5	132	0.9	9.	Unknown

---

Variable	26	<u>NO OF TRAVEL LANES</u>	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.

FRTL Prcnt		ALL Prcnt		NO OF TRAVEL LANES
7	0.5	93	0.6	1. 1 lane
1150	77.0	11658	77.6	2. 2 lanes
101	6.8	949	6.3	3. 3 lanes
191	12.8	1836	12.2	4. 4 lanes
29	1.9	252	1.7	5. 5 lanes
8	0.5	114	0.8	6. 6 lanes
3	0.2	15	0.1	7. 7 or more lanes
5	0.3	101	0.7	9. Unknown

---

Variable	27	<u>SPEED LIMIT</u>	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

---

FRTL Prcnt		ALL Prcnt		SPEED LIMIT
1	0.1	7	0.0	00. No statutory limit
0	0.0	0	0.0	05. 5 mph
0	0.0	3	0.0	10. 10 mph
0	0.0	16	0.1	15. 15 mph
6	0.4	43	0.3	20. 20 mph
23	1.5	332	2.2	25. 25 mph
24	1.6	548	3.6	30. 30 mph
51	3.4	790	5.3	35. 35 mph
40	2.7	597	4.0	40. 40 mph
67	4.5	1018	6.8	45. 45 mph
77	5.2	851	5.7	50. 50 mph
1157	77.4	9829	65.4	55. 55 mph
0	0.0	0	0.0	65. 65 mph

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 27	SPEED LIMIT
48 3.2	984 6.6	99.	Unknown

---

Variable	28	ROADWAY ALIGNMENT	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

FRTL Prcnt	ALL Prcnt	ROADWAY ALIGNMENT
1190 79.7	12087 80.5	1. Straight
302 20.2	2904 19.3	2. Curve
2 0.1	27 0.2	9. Unknown

---

Variable	29	ROADWAY PROFILE	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

FRTL Prcnt	ALL Prcnt	ROADWAY PROFILE
1050 70.3	10431 69.5	1. Level
415 27.8	4207 28.0	2. Grade
10 0.7	78 0.5	3. Hillcrest
2 0.1	10 0.1	4. Sag
17 1.1	292 1.9	9. Unknown

---

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

FRTL Prcnt	ALL Prcnt	ROADWAY SURFACE TYPE
351 23.5	2866 19.1	1. Concrete
1099 73.6	11039 73.5	2. Blacktop or bituminous
0 0.0	14 0.1	3. Brick or block
4 0.3	128 0.9	4. Slag, gravel or stone
1 0.1	49 0.3	5. Dirt
0 0.0	9 0.1	8. Other
39 2.6	913 6.1	9. Unknown

---

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

FRTL Prcnt	ALL Prcnt	ROADWAY SURFACE CONDITION
1216 81.4	12034 80.1	1. Dry
202 13.5	2146 14.3	2. Wet
33 2.2	428 2.8	3. Snow or slush

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 31	ROADWAY SURFACE CONDITION
41 2.7	352 2.3	4.	Ice
0 0.0	12 0.1	5.	Sand, dirt, oil
0 0.0	15 0.1	8.	Other
2 0.1	31 0.2	9.	Unknown

Variable	32	TRAFFIC CONTROL DEVICE	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt	ALL Prcnt	TRAFFIC CONTROL DEVICE
1143 76.5	10927 72.8	00. No controls
		***Not At Railroad Grade Crossing***
		Highway traffic signals
13 0.9	178 1.2	01. Traffic control signal (on colors) without pedestrian signal
46 3.1	660 4.4	02. Traffic control (on colors) with pedestrian signal
123 8.2	1414 9.4	03. Traffic control signal (on colors) not known whether or not pedestrian signal
13 0.9	125 0.8	04. Flashing traffic control signal
4 0.3	44 0.3	05. Flashing beacon
1 0.1	32 0.2	06. Flashing highway traffic signal, type unknown or other than traffic control or beacon
6 0.4	53 0.4	07. Lane use control signal
0 0.0	2 0.0	08. Other highway traffic signal
1 0.1	28 0.2	09. Unknown highway traffic signal
		Regulatory signs
0 0.0	4 0.0	10.
44 2.9	548 3.6	20. Stop sign
6 0.4	42 0.3	21. Yield sign
4 0.3	48 0.3	28. Other regulatory sign
0 0.0	4 0.0	29. Unknown type regulatory sign
		School zone signs
0 0.0	0 0.0	30. School speed limit sign
0 0.0	0 0.0	31. School advance or crossing sign
0 0.0	0 0.0	38. Other school related sign
0 0.0	0 0.0	39. Unknown type school zone sign
		Warning signs
13 0.9	97 0.6	40. Warning sign
		Miscellaneous
2 0.1	11 0.1	50. Officer, crossing guard, flagman, etc.

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 32	TRAFFIC CONTROL DEVICE	
***At Railroad Grade Crossing***				
Active devices				
0	0.0	0	0.0	60. Gates
2	0.1	10	0.1	61. Flashing lights
0	0.0	1	0.0	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	1	0.0	69. Active device, type unknown
Passive devices				
2	0.1	11	0.1	70. Cross bucks
0	0.0	4	0.0	71. Stop sign
0	0.0	1	0.0	72. Other railroad crossing sign
0	0.0	0	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				
0	0.0	3	0.0	80. Grade crossing controlled, type unknown
***Whether Or Not At Railroad Grade Cross				
67	4.5	742	4.9	98. Other
4	0.3	28	0.2	99. Unknown

---

Variable	33	TRAFFIC CONT FUNCTIONING	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

---

Not coded for 1980 and 1981

FRTL Prcnt	ALL Prcnt	TRAFFIC CONTROL FUNCTIONING	
370	24.8	3640 24.2	0. No controls
2	0.1	6 0.0	1. Device not functioning
1	0.1	8 0.1	2. Device functioning - functioning improperly
86	5.8	1027 6.8	3. Device functioning properly
1035	69.3	10337 68.8	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

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Variable	34	<u>HIT AND RUN</u>	MD1: 9	Field Width: 1
			MD2: None	Type: Numeric

---

FRTL Prcnt	ALL Prcnt	HIT AND RUN		
1486	99.5	14889	99.1	0. No hit and run
3	0.2	30	0.2	1. Hit motor vehicle in transport
1	0.1	55	0.4	2. Hit pedestrian or non-motorist
1	0.1	1	0.0	3. Hit parked vehicle or object
2	0.1	36	0.2	4. Hit motor vehicle (1980 & 1981 cases only)
1	0.1	7	0.0	5. Hit non-motorist (1980 & 1981 cases only)

---

Variable	35	<u>LIGHT CONDITION</u>	MD1: 9	Field Width: 1
			MD2: None	Type: Numeric

---

FRTL Prcnt	ALL Prcnt	LIGHT CONDITION		
683	45.7	8692	57.9	1. Daylight
628	42.0	4624	30.8	2. Dark
123	8.2	1141	7.6	3. Dark but lighted
36	2.4	336	2.2	4. Dawn
23	1.5	215	1.4	5. Dusk
1	0.1	10	0.1	9. Unknown

---

Variable	36	<u>ATMOSPHERIC CONDITIONS</u>	MD1: 9	Field Width: 1
			MD2: None	Type: Numeric

---

FRTL Prcnt	ALL Prcnt	ATMOSPHERIC CONDITIONS		
1225	82.0	12489	83.2	1. No adverse atmospheric conditions
140	9.4	1466	9.8	2. Rain
9	0.6	53	0.4	3. Sleet
45	3.0	450	3.0	4. Snow
56	3.7	393	2.6	5. Fog
2	0.1	22	0.1	6. Rain and fog (1982 cases only)
0	0.0	2	0.0	7. Sleet and fog (1982 cases only)
16	1.1	112	0.7	8. Other (smog, smoke, blowing sand, or dust)
1	0.1	31	0.2	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

Variable 37 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.

FRTL Prcnt		ALL Prcnt		CONSTRUCTION OR MAINTENANCE ZONE	
1454	97.3	14619	97.3	0.	None
33	2.2	276	1.8	1.	Construction
3	0.2	89	0.6	2.	Maintenance
3	0.2	25	0.2	3.	Utility
1	0.1	9	0.1	4.	Work zone, type unknown

Variable 38 EMS NOTIFIED - HOUR MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		EMS NOTIFIED - HOUR	
158	10.6	1211	8.1	00.	Not notified or 12:01-12:59 am
26	1.7	199	1.3	01.	
				- .	Hour
0	0.0	6	0.0	24.	
825	55.2	8523	56.8	99.	Unknown

Variable 39 EMS NOTIFIED - MINUTE MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		EMS NOTIFIED - MINUTE	
153	10.2	1257	8.4	00.	Not notified or on hour
4	0.3	54	0.4	01.	
				- .	Minute
5	0.3	63	0.4	59.	
825	55.2	8523	56.8	99.	Unknown

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

FRTL Prcnt		ALL Prcnt		EMS ARRIVAL - HOUR	
153	10.2	1211	8.1	00.	Not notified or 12:01-12:59 am
29	1.9	216	1.4	01.	
				- .	Hour
1	0.1	9	0.1	24.	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 40	EMS ARRIVAL - HOUR
793 53.1	7957 53.0	99.	Unknown

---

Variable	41	<u>EMS ARRIVAL - MINUTE</u>	MD1: 99	Field Width: 2
			MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	EMS ARRIVAL - MINUTE
161 10.8	1288 8.6	00. Not notified or on hour
5 0.3	50 0.3	01. - . Minute
10 0.7	89 0.6	59.
797 53.3	7990 53.2	99. Unknown

---

Variable	42	<u>SCHOOL BUS RELATED</u>	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.

FRTL Prcnt	ALL Prcnt	SCHOOL BUS RELATED
1492 99.9	14983 99.8	0. No
2 0.1	35 0.2	1. Yes

---

Variable	43	<u>ACCIDENT RELATED FACTORS</u>	MD1: 99	Field Width: 2
			MD2: None	Type: Numeric
			Multiple Responses: 3	

FRTL Prcnt	ALL Prcnt	RELATED FACTORS AT ACCIDENT LEVEL
4435 99.0	44667 99.1	00. None
2 0.0	17 0.0	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.
1 0.0	42 0.1	02. Shoulder related
3 0.1	21 0.0	03. Other construction created condition
1 0.0	6 0.0	04. No (or obscured) pavement marking
1 0.0	10 0.0	05. Surface underwater
2 0.0	25 0.1	06. Inadequate construction or poor design of roadway, bridge, etc.
1 0.0	2 0.0	07. Surface washed out (caved in, road slippage)



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS ACCIDENT VARIABLES

FRTL Prcnt      ALL Prcnt      Var 43    ACCIDENT RELATED FACTORS

Special circumstances

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
36	0.8	264	0.6	99. Unknown

---

Variable    44    RAIL GRADE CROSSING ID      MD1:    None    Field Width:    7  
 MD2:    None    Type:    Alphabetic

FRTL Prcnt      ALL Prcnt      RAIL GRADE CROSSING ID - FRA CODE

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

---

Variable    45    NO OF FATALITIES IN ACC      MD1:      99    Field Width:    2  
 MD2:      None    Type:      Numeric

FRTL Prcnt      ALL Prcnt      NO OF FATALITIES IN ACC

0	0.0	0	0.0	00. 0 killed
1263	84.5	12897	85.9	01. 1 killed
173	11.6	1624	10.8	02. 2 killed
29	1.9	307	2.0	03. 3 killed
16	1.1	127	0.8	04. 4 killed
9	0.6	31	0.2	05. 5 killed
0	0.0	10	0.1	06. 6 killed
3	0.2	16	0.1	07. 7 killed
1	0.1	3	0.0	08. 8 killed
0	0.0	1	0.0	09. 9 killed
0	0.0	2	0.0	10. 10 killed

---

Variable    46    DAY OF WEEK      MD1:      9    Field Width:    1  
 MD2:      None    Type:      Numeric

FRTL Prcnt      ALL Prcnt      DAY OF WEEK

141	9.4	940	6.3	1. Sunday
199	13.3	2280	15.2	2. Monday
254	17.0	2530	16.8	3. Tuesday

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS ACCIDENT VARIABLES

FRTL Prcnt	ALL Prcnt	Var 46	DAY OF WEEK
250 16.7	2464 16.4	4.	Wednesday
245 16.4	2612 17.4	5.	Thursday
232 15.5	2607 17.4	6.	Friday
173 11.6	1585 10.6	7.	Saturday

---

Variable	47	NO OF DRINKING DRIVERS	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

Not coded for 1980

FRTL Prcnt	ALL Prcnt	NO OF DRINKING DRIVERS
758 50.7	7938 52.9	0. 0 drivers
205 13.7	1946 13.0	1. 1 drivers
6 0.4	73 0.5	2. 2 drivers
0 0.0	5 0.0	3. 3 drivers
0 0.0	0 0.0	4. 4 drivers
525 35.1	5056 33.7	9. 9 or more drivers

The VEHICLE Variables

Variables 104 through 223 are the FARS variables that describe the vehicle (i.e., the truck). FARS includes some variables that are descriptive of the driver among the vehicle variables. These are variables 206 through 223.

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

FRTL Prcnt	ALL Prcnt	VEHICLE NUMBER
0 0.0	0 0.0	00. Dummy vehicle record (non-motorist)
839 56.2	8282 55.1	01. Vehicle #1
586 39.2	6111 40.7	02. Vehicle #2
46 3.1	474 3.2	03. Vehicle #3
9 0.6	77 0.5	04. Vehicle #4
5 0.3	23 0.2	05. Vehicle #5
0 0.0	0 0.0	99. Vehicle #99

Variable 106 VEHICLE MAKE MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	VEHICLE MAKE
0 0.0	1 0.0	02. Jeep
0 0.0	5 0.0	03. AM General
0 0.0	103 0.7	07. Dodge
5 0.3	1891 12.6	12. Ford
0 0.0	869 5.8	20. Chevrolet
2 0.1	1424 9.5	23. GMC
0 0.0	31 0.2	42. Mercedes Benz
0 0.0	4 0.0	51. Volvo
2 0.1	54 0.4	80. Brockway
1 0.1	96 0.6	81. Diamond Reo
1007 67.4	1052 7.0	82. Freightliner
0 0.0	4 0.0	83. FWD
5 0.3	2970 19.8	84. International
0 0.0	1467 9.8	85. Kenworth
0 0.0	1783 11.9	86. Mack
4 0.3	1059 7.1	87. Peterbilt
412 27.6	1151 7.7	88. White
19 1.3	492 3.3	95. Other truck or bus
0 0.0	13 0.1	98. Other make
37 2.5	549 3.7	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable	107	VEHICLE MAKE-MODEL	MD1:	9900	Field Width:	4
			MD2:	9900	Type:	Numeric

All 1980 cases have the model portion unknown --(89)

FRTL	Prcnt	ALL	Prcnt	VEHICLE MAKE-MODEL
0	0.0	1	0.0	0289.
0	0.0	2	0.0	0388. AM General other (truck)
0	0.0	3	0.0	0389. AM General unknown (truck)
0	0.0	1	0.0	0773. Dodge D, W-Series Pickup
0	0.0	25	0.2	0781. Dodge medium/heavy: CBE
0	0.0	20	0.1	0782. Dodge medium/heavy: COE low entry
0	0.0	4	0.0	0783. Dodge medium/heavy: COE high entry
0	0.0	8	0.1	0784. Dodge medium/heavy: unknown engine location
0	0.0	3	0.0	0788. Dodge other (truck)
0	0.0	42	0.3	0789. Dodge unknown (truck)
0	0.0	8	0.1	1200. Ford unknown
0	0.0	2	0.0	1273. Ford F-Series Pickup
0	0.0	2	0.0	1274. Ford Van
0	0.0	11	0.1	1275. Ford Van derivative
0	0.0	1	0.0	1279. Ford unknown (light truck)
1	0.1	869	5.8	1281. Ford medium/heavy: CBE
0	0.0	74	0.5	1282. Ford medium/heavy: COE low entry
0	0.0	177	1.2	1283. Ford medium/heavy: COE high entry
1	0.1	74	0.5	1284. Ford medium/heavy: unknown engine location
0	0.0	7	0.0	1288. Ford other (truck)
3	0.2	663	4.4	1289. Ford unknown (truck)
0	0.0	3	0.0	1290. Ford medium/heavy: COE, entry position unknown
0	0.0	3	0.0	2000. Chevrolet unknown
0	0.0	4	0.0	2073. Chevrolet C, K-Series pickup
0	0.0	8	0.1	2075. Chevrolet Van derivative
0	0.0	445	3.0	2081. Chevrolet medium/heavy: CBE
0	0.0	10	0.1	2082. Chevrolet medium/heavy: COE low entry
0	0.0	16	0.1	2083. Chevrolet medium/heavy: COE high entry
0	0.0	42	0.3	2084. Chevrolet medium/heavy: unknown engine location
0	0.0	8	0.1	2088. Chevrolet other (truck)
0	0.0	333	2.2	2089. Chevrolet unknown (truck)
0	0.0	7	0.0	2300. GMC unknown
0	0.0	1	0.0	2373. GMC C, K-Series Pickup
0	0.0	3	0.0	2375. GMC Van derivatives
0	0.0	1	0.0	2379. GMC unknown (light truck)
0	0.0	483	3.2	2381. GMC medium/heavy: CBE
0	0.0	9	0.1	2382. GMC medium/heavy: COE low entry
0	0.0	305	2.0	2383. GMC medium/heavy: COE high entry
0	0.0	84	0.6	2384. GMC medium/heavy: unknown engine location

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS VEHICLE VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 107	VEHICLE MAKE-MODEL
0	0.0	2	0.0	2388.	GMC other (truck)
2	0.1	524	3.5	2389.	GMC unknown (truck)
0	0.0	3	0.0	2390.	GMC medium/heavy: COE, entry position unknown
0	0.0	2	0.0	2399.	GMC unknown (automobile)
0	0.0	11	0.1	4281.	Mercedes Benz medium/heavy: CBE
0	0.0	3	0.0	4284.	Mercedes Benz medium/heavy: unknown engine location
0	0.0	4	0.0	4289.	Mercedes Benz unknown (truck)
0	0.0	13	0.1	4299.	Mercedes Benz unknown (automobile)
0	0.0	2	0.0	5184.	Volvo medium/heavy: unknown engine location
0	0.0	2	0.0	5189.	Volvo unknown (truck)
0	0.0	1	0.0	8080.	Brockway motor home
0	0.0	1	0.0	8081.	Brockway medium/heavy: CBE
0	0.0	1	0.0	8083.	Brockway medium/heavy: COE high entry
0	0.0	23	0.2	8084.	Brockway medium/heavy: unknown engine location
0	0.0	1	0.0	8087.	Brockway bus: flat front, rear engine
2	0.1	27	0.2	8089.	Brockway unknown (truck)
0	0.0	30	0.2	8181.	Diamond Reo medium/heavy: CBE
0	0.0	1	0.0	8182.	Diamond Reo medium/heavy: COE low entry
0	0.0	5	0.0	8183.	Diamond Reo medium/heavy: COE high entry
0	0.0	15	0.1	8184.	Diamond Reo medium/heavy: unknown engine location
0	0.0	1	0.0	8188.	Diamond Reo other (truck)
1	0.1	44	0.3	8189.	Diamond Reo unknown (truck)
58	3.9	64	0.4	8281.	Freightliner medium/heavy: CBE
34	2.3	34	0.2	8282.	Freightliner medium/heavy: COE low entry
69	4.6	70	0.5	8283.	Freightliner medium/heavy: COE high entry
345	23.1	367	2.4	8284.	Freightliner medium/heavy: unknown engine location
1	0.1	1	0.0	8287.	Freightliner bus: flat front, rear engine
9	0.6	9	0.1	8288.	Freightliner other (truck)
465	31.1	480	3.2	8289.	Freightliner unknown (truck)
26	1.7	27	0.2	8290.	Freightliner medium/heavy: COE, entry position unknown
0	0.0	1	0.0	8383.	FWD medium heavy: COE high entry
0	0.0	1	0.0	8384.	FWD medium heavy: unknown engine location
0	0.0	2	0.0	8389.	FWD unknown (truck)
0	0.0	18	0.1	8400.	International unknown
0	0.0	3	0.0	8473.	International Pickup/Panel

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 107	VEHICLE MAKE-MODEL
0	0.0	2	0.0		8475. International Multistop
0	0.0	1	0.0		8476. International Travellall
0	0.0	2	0.0		8478. International other (light truck)
0	0.0	4	0.0		8479. International unknown (light truck)
0	0.0	306	2.0		8481. International medium/heavy: CBE
0	0.0	31	0.2		8482. International medium/heavy: COE low entry
0	0.0	11	0.1		8483. International medium/heavy: COE high entry
0	0.0	216	1.4		8484. International medium/heavy: unknown engine location
0	0.0	2	0.0		8485. International bus: conventional
0	0.0	1	0.0		8487. International bus: flat front, rear engine
0	0.0	487	3.2		8488. International other (truck)
5	0.3	1120	7.5		8489. International unknown (truck)
0	0.0	766	5.1		8499.
0	0.0	87	0.6		8581. Kenworth medium/heavy: CBE
0	0.0	14	0.1		8582. Kenworth medium/heavy: COE low entry
0	0.0	29	0.2		8583. Kenworth medium/heavy: COE high entry
0	0.0	506	3.4		8584. Kenworth medium/heavy: unknown engine location
0	0.0	4	0.0		8585. Kenworth bus
0	0.0	1	0.0		8586. Kenworth bus: flat front, front engine
0	0.0	4	0.0		8587. Kenworth bus: flat front, rear engine
0	0.0	17	0.1		8588. Kenworth other (truck)
0	0.0	738	4.9		8589. Kenworth unknown (truck)
0	0.0	15	0.1		8590. Kenworth medium/heavy: COE, entry position unknown
0	0.0	52	0.3		8599.
0	0.0	1	0.0		8680. Mack motor home
0	0.0	101	0.7		8681. Mack medium/heavy: CBE
0	0.0	7	0.0		8682. Mack medium/heavy: COE low entry
0	0.0	15	0.1		8683. Mack medium/heavy: COE high entry
0	0.0	680	4.5		8684. Mack medium/heavy: unknown engine location
0	0.0	13	0.1		8686. Mack bus: flat front, front engine
0	0.0	7	0.0		8687. Mack bus: flat front, rear engine
0	0.0	25	0.2		8688. Mack other (truck)
0	0.0	860	5.7		8689. Mack unknown (truck)
0	0.0	11	0.1		8690. Mack medium/heavy: COE, entry position unknown
0	0.0	63	0.4		8699.
0	0.0	42	0.3		8781. Peterbilt medium/heavy: CBE
0	0.0	5	0.0		8782. Peterbilt medium/heavy: COE low entry

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS VEHICLE VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 107	VEHICLE MAKE-MODEL
0	0.0	19	0.1		8783. Peterbilt medium/heavy: COE high entry
0	0.0	347	2.3		8784. Peterbilt medium/heavy: unknown engine location
0	0.0	2	0.0		8786. Peterbilt bus: flat front, front engine
0	0.0	1	0.0		8787. Peterbilt bus: flat front, rear engine
0	0.0	7	0.0		8788. Peterbilt other (truck)
4	0.3	589	3.9		8789. Peterbilt unknown (truck)
0	0.0	9	0.1		8790. Peterbilt medium/heavy: COE, entry position unknown
0	0.0	38	0.3		8799.
7	0.5	25	0.2		8881. White medium/heavy: CBE
10	0.7	12	0.1		8882. White medium/heavy: COE low entry
3	0.2	15	0.1		8883. White medium/heavy: COE high entry
94	6.3	369	2.5		8884. White medium/heavy: unknown engine location
0	0.0	1	0.0		8885. White bus
0	0.0	2	0.0		8887. White bus: flat front, rear engine
0	0.0	6	0.0		8888. White other (truck)
294	19.7	702	4.7		8889. White unknown (truck)
3	0.2	6	0.0		8890. White medium/heavy: COE, entry position unknown
1	0.1	13	0.1		8899.
0	0.0	61	0.4		9501. Other (truck or bus) Autocar
0	0.0	1	0.0		9502. Other (truck or bus) Auto-Union-DKW
0	0.0	2	0.0		9503. Other (truck or bus) Divco
0	0.0	23	0.2		9504. Other (truck or bus) Western Star
0	0.0	1	0.0		9578. Other (truck or bus) other (light truck)
1	0.1	60	0.4		9588. Other (truck or bus) other (truck)
18	1.2	339	2.3		9589.
0	0.0	5	0.0		9597. Other (truck or bus) other vehicle
0	0.0	13	0.1		9800. Other make, unknown model
7	0.5	20	0.1		9900. Unknown make, unknown model
30	2.0	529	3.5		9989. Unknown make, unknown truck

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable	108	BODY TYPE		MD1: 99	Field Width: 2
				MD2: None	Type: Numeric
FRTL	Prct	ALL	Prct	BODY TYPE	
				Van Based Light Trucks (GVWR<10,001 lbs)	
0	0.0	50	0.3	40. Van (includes VW bus, Vanagon, Kombi, Beauville, Chateau, Club Wagon, Sportsman; excludes moving van)	
0	0.0	12	0.1	41. Van-commercial cutaway (includes box van, multi-stop, parcel, van pickups, GVWR < 10,001 step-van)	
0	0.0	1	0.0	48. Other van type	
0	0.0	2	0.0	49. Unknown van type	
				Light Conventional Truck ( GVWR<10,001 lb	
0	0.0	191	1.3	50. Pickup (includes open box and caps)	
0	0.0	3	0.0	51. Pickup with slide-in camper	
0	0.0	28	0.2	53. Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)	
0	0.0	2	0.0	54. Truck based panel	
0	0.0	3	0.0	55. Truck based station wagon (4-door; includes Suburban, Travelall, Wagoneer)	
0	0.0	1	0.0	58. Other light conventional truck (includes stretched suburban limousine)	
0	0.0	9	0.1	59. Unknown light conventional truck	
0	0.0	10	0.1	69. Unknown light truck (van based or conventional)	
				Medium/Heavy Truck (GVWR >10,000lbs)	
9	0.6	854	5.7	70. Single unit straight truck (10,000<GVWR<19,500) (includes step vans)	
4	0.3	433	2.9	71. Single unit straight truck (19,500<GVWR<26,001)	
7	0.5	980	6.5	72. Single unit straight truck (GVWR>26,000)	
457	30.6	3751	25.0	74. Truck-tractor	
2	0.1	41	0.3	75. Unknown medium truck (10,000<GVWR<26,001)	
0	0.0	75	0.5	76. Unknown heavy truck (GVWR>26,000)	
10	0.7	750	5.0	78. Single unit straight truck (GVWR unknown)	
1005	67.3	7815	52.0	79. Unknown truck type (light, medium, or heavy)	
0	0.0	7	0.0	99. Unknown body type	



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable 109 MODEL YEAR MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		MODEL YEAR
0	0.0	2	0.0	00.
				- .
15	1.0	134	0.9	66. 1966
23	1.5	166	1.1	67. 1967
18	1.2	254	1.7	68. 1968
29	1.9	336	2.2	69. 1969
35	2.3	387	2.6	70. 1970
45	3.0	440	2.9	71. 1971
75	5.0	785	5.2	72. 1972
126	8.4	1143	7.6	73. 1973
123	8.2	1168	7.8	74. 1974
82	5.5	890	5.9	75. 1975
84	5.6	830	5.5	76. 1976
148	9.9	1578	10.5	77. 1977
170	11.4	1809	12.0	78. 1978
267	17.9	2339	15.6	79. 1979
140	9.4	1379	9.2	80. 1980
64	4.3	666	4.4	81. 1981
24	1.6	185	1.2	82. 1982
2	0.1	5	0.0	83. 1983
5	0.3	98	0.7	99. Unknown

Variable 110 VIN MD1: None Field Width: 10  
MD2: None Type: Alphabetic

VEHICLE ID NUMBER - 1ST 10 POSITIONS

Variable 121 REGISTRATION STATE MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		REGISTRATION STATE
8	0.5	80	0.5	00. Not applicable
36	2.4	392	2.6	01. Alabama
0	0.0	1	0.0	02. Alaska
14	0.9	132	0.9	04. Arizona
32	2.1	272	1.8	05. Arkansas
257	17.2	1088	7.2	06. California
20	1.3	162	1.1	08. Colorado
1	0.1	79	0.5	09. Connecticut
5	0.3	85	0.6	10. Delaware
1	0.1	8	0.1	11. District of Columbia
53	3.5	830	5.5	12. Florida
25	1.7	456	3.0	13. Georgia

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 121	REGISTRATION STATE
0	0.0	0	0.0	15.	Hawaii
11	0.7	90	0.6	16.	Idaho
40	2.7	464	3.1	17.	Illinois
41	2.7	411	2.7	18.	Indiana
30	2.0	261	1.7	19.	Iowa
39	2.6	268	1.8	20.	Kansas
5	0.3	179	1.2	21.	Kentucky
25	1.7	399	2.7	22.	Louisiana
5	0.3	61	0.4	23.	Maine
3	0.2	139	0.9	24.	Maryland
1	0.1	96	0.6	25.	Massachusetts
24	1.6	355	2.4	26.	Michigan
26	1.7	276	1.8	27.	Minnesota
16	1.1	241	1.6	28.	Mississippi
34	2.3	289	1.9	29.	Missouri
19	1.3	108	0.7	30.	Montana
33	2.2	228	1.5	31.	Nebraska
21	1.4	108	0.7	32.	Nevada
1	0.1	51	0.3	33.	New Hampshire
18	1.2	380	2.5	34.	New Jersey
5	0.3	95	0.6	35.	New Mexico
9	0.6	457	3.0	36.	New York
42	2.8	569	3.8	37.	North Carolina
6	0.4	77	0.5	38.	North Dakota
29	1.9	593	3.9	39.	Ohio
88	5.9	460	3.1	40.	Oklahoma
65	4.4	240	1.6	41.	Oregon
22	1.5	553	3.7	42.	Pennsylvania
0	0.0	0	0.0	43.	Puerto Rico
2	0.1	10	0.1	44.	Rhode Island
13	0.9	236	1.6	45.	South Carolina
19	1.3	97	0.6	46.	South Dakota
18	1.2	267	1.8	47.	Tennessee
159	10.6	1542	10.3	48.	Texas
20	1.3	140	0.9	49.	Utah
2	0.1	31	0.2	50.	Vermont
13	0.9	245	1.6	51.	Virginia
27	1.8	163	1.1	53.	Washington
4	0.3	92	0.6	54.	West Virginia
10	0.7	204	1.4	55.	Wisconsin
14	0.9	81	0.5	56.	Wyoming
8	0.5	40	0.3	92.	No registration
24	1.6	294	2.0	93.	Multiple state registration - in state
25	1.7	226	1.5	94.	Multiple state registration - out-of-state
0	0.0	25	0.2	95.	U.S. government tag
0	0.0	16	0.1	96.	Military vehicle
12	0.8	95	0.6	97.	Foreign country
0	0.0	0	0.0	98.	Other registration

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt	ALL Prcnt	Var 121	REGISTRATION STATE
14 0.9	181 1.2	99.	Unknown

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Variable 122	<u>ROLLOVER</u>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	ROLLOVER
1166 78.0	12453 82.9	0. No rollover
119 8.0	906 6.0	1. First event
209 14.0	1659 11.0	2. Subsequent event

---

Variable 123	<u>JACKKNIFE</u>	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.

FRTL Prcnt	ALL Prcnt	JACKKNIFE
70 4.7	4201 28.0	0. Not an articulated vehicle
1254 83.9	9763 65.0	1. No
130 8.7	807 5.4	2. First event
40 2.7	247 1.6	3. Subsequent event

---

Variable 124	<u>TRAVEL SPEED</u>	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

Not coded for 1980

FRTL Prcnt	ALL Prcnt	TRAVEL SPEED
25 1.7	221 1.5	00. Stopped vehicle
0 0.0	3 0.0	01.
		- . Actual miles per hour
0 0.0	0 0.0	96.
0 0.0	1 0.0	97. 97 mph or greater
1285 86.0	12748 84.9	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

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Variable	125	<b>HAZARDOUS CARGO</b>	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

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Not coded for 1980 and 1981.

FRTL Prct	ALL Prct	HAZARDOUS CARGO		
412 27.6	4248 28.3	0.	No	
20 1.3	146 1.0	1.	Yes	
1062 71.1	10624 70.7	9.	Unknown	

---

Variable	126	<b>VEHICLE TRAILERING</b>	MD1:	9	Field Width:	1
			MD2:	None	Type:	Numeric

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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.

FRTL Prct	ALL Prct	VEHICLE TRAILERING		
62 4.1	3837 25.5	0.	No	
1299 86.9	10504 69.9	1.	Yes, one trailing unit	
130 8.7	441 2.9	2.	Yes, two or more trailing units	
0 0.0	11 0.1	3.	Yes, number of trailing units unknown	
3 0.2	225 1.5	9.	Unknown	

---

Variable	127	<b>SPECIAL USE</b>	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.

FRTL Prct	ALL Prct	SPECIAL USE		
1478 98.9	14760 98.3	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	
0 0.0	12 0.1	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	
16 1.1	246 1.6	9.	Unknown	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable 128 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.

FRTL Prcnt	ALL Prcnt	EMERGENCY USE
1494 100.0	15015 100.0	0. No
0 0.0	3 0.0	1. Yes

Variable 129 IMPACT POINT - INITIAL MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	IMPACT POINT - INITIAL
93 6.2	796 5.3	00. Non-collision
151 10.1	1186 7.9	01. 1 o'clock
41 2.7	287 1.9	02. 2 o'clock
53 3.5	479 3.2	03. 3 o'clock
17 1.1	176 1.2	04. 4 o'clock
21 1.4	259 1.7	05. 5 o'clock
115 7.7	1327 8.8	06. 6 o'clock
38 2.5	394 2.6	07. 7 o'clock
58 3.9	433 2.9	08. 8 o'clock
47 3.1	550 3.7	09. 9 o'clock
37 2.5	360 2.4	10. 10 o'clock
136 9.1	1505 10.0	11. 11 o'clock
636 42.6	6679 44.5	12. 12 o'clock
2 0.1	55 0.4	13. Top
31 2.1	339 2.3	14. Undercarriage
0 0.0	0 0.0	15. Underride
2 0.1	7 0.0	16. Override
16 1.1	186 1.2	99. Unknown

Variable 130 IMPACT POINT - PRINCIPAL MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	IMPACT POINT - PRINCIPAL
93 6.2	796 5.3	00. Non-collision
113 7.6	985 6.6	01. 1 o'clock
30 2.0	263 1.8	02. 2 o'clock
62 4.1	557 3.7	03. 3 o'clock
18 1.2	168 1.1	04. 4 o'clock
22 1.5	255 1.7	05. 5 o'clock
106 7.1	1213 8.1	06. 6 o'clock
40 2.7	409 2.7	07. 7 o'clock
63 4.2	420 2.8	08. 8 o'clock

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt	ALL Prcnt	Var 130	IMPACT POINT - PRINCIPAL
51 3.4	628 4.2	09.	9 o'clock
39 2.6	322 2.1	10.	10 o'clock
111 7.4	1289 8.6	11.	11 o'clock
603 40.4	6127 40.8	12.	12 o'clock
42 2.8	387 2.6	13.	Top
51 3.4	518 3.4	14.	Undercarriage
0 0.0	0 0.0	15.	Underride
10 0.7	45 0.3	16.	Override
40 2.7	636 4.2	99.	Unknown

---

Variable 131	EXTENT OF DEFORMATION	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	EXTENT OF DEFORMATION
70 4.7	1169 7.8	0. None
226 15.1	2651 17.7	2. Other (minor)
312 20.9	3284 21.9	4. Functional (moderate)
878 58.8	7771 51.7	6. Disabling (severe)
8 0.5	143 1.0	9. Unknown

---

Variable 132	VEHICLE ROLE	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	VEHICLE ROLE
102 6.8	925 6.2	0. Non-collision
1007 67.4	10083 67.1	1. Striking
357 23.9	3782 25.2	2. Struck
27 1.8	219 1.5	3. Both
1 0.1	9 0.1	9. Unknown

---

Variable 133	MANNER OF LEAVING SCENE	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	MANNER OF LEAVING SCENE
368 24.6	4392 29.2	1. Driven
1079 72.2	10196 67.9	2. Towed away
11 0.7	76 0.5	3. Abandoned
36 2.4	354 2.4	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS VEHICLE VARIABLES

Variable 134 FIRE OCCURRENCE MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		FIRE OCCURRENCE
1365	91.4	14227	94.7	0. No fire
129	8.6	791	5.3	1. Fire occurred in vehicle during accident

Variable 135 NO OF OCCUPANTS MD1: 99 Field Width: 2  
 MD2: 97 Type: Numeric

FRTL Prcnt		ALL Prcnt		NO OF OCCUPANTS
10	0.7	162	1.1	00. 0 occupants
1171	78.4	12079	80.4	01. 1 occupant
				- .
0	0.0	0	0.0	95. 95 occupants
0	0.0	0	0.0	96. 96 or more occupants
6	0.4	79	0.5	97. Unknown - only injured reported
11	0.7	139	0.9	99. Unknown

Variable 136 NO OF DEATHS IN VEH MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

Not coded for 1980

FRTL Prcnt		ALL Prcnt		NO OF DEATHS IN VEH
741	49.6	8056	53.6	00. 0 deaths
207	13.9	1782	11.9	01. 1 death
20	1.3	115	0.8	02. 2 deaths
1	0.1	9	0.1	03. 3 deaths
0	0.0	0	0.0	04. 4 deaths
0	0.0	0	0.0	05. 5 deaths
0	0.0	0	0.0	06. 6 deaths
0	0.0	0	0.0	07. 7 deaths
0	0.0	0	0.0	08. 8 deaths
0	0.0	0	0.0	09. 9 deaths
525	35.1	5056	33.7	99.

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable 137	VEHICLE RELATED FACTORS	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric
		Multiple Responses: 2	

FRTL Prcnt		ALL Prcnt		RELATED FACTORS AT VEHICLE LEVEL
2837	94.9	28105	93.6	00. None
				Defective
19	0.6	301	1.0	01. Tires
31	1.0	364	1.2	02. Brake system
1	0.0	30	0.1	03. Steering system -tie rod, kingpin, ball joint, etc.
1	0.0	11	0.0	04. Suspension - springs, shock absorbers, MacPherson struts, control arms, etc.
5	0.2	55	0.2	05. Power train - universal joint, drive shaft, transmission, etc.
0	0.0	2	0.0	06. Exhaust system
0	0.0	19	0.1	07. Headlights
0	0.0	30	0.1	08. Signal lights
4	0.1	72	0.2	09. Other lights
0	0.0	5	0.0	10. Horn
0	0.0	3	0.0	11. Mirrors
0	0.0	3	0.0	12. Wipers
0	0.0	0	0.0	13. Driver seating and control
0	0.0	22	0.1	14. Body, doors, other
1	0.0	24	0.1	15. Trailer hitch
0	0.0	8	0.0	16. Wheels
2	0.1	34	0.1	18. Other vehicle defects
1	0.0	36	0.1	31. Hit-and-run vehicle
0	0.0	0	0.0	32. Vehicle registration for handicapped
86	2.9	912	3.0	99. Unknown

Variable 138	VEHICLE MANEUVER	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

Not coded for 1980 and 1981

FRTL Prcnt		ALL Prcnt		VEHICLE MANEUVER
302	20.2	3174	21.1	01. Going straight
9	0.6	112	0.7	02. Slowing or stopping in traffic lane
2	0.1	42	0.3	03. Starting in traffic lane
23	1.5	175	1.2	04. Stopped in traffic lane
19	1.3	116	0.8	05. Passing or overtaking another vehicle
1	0.1	15	0.1	06. Leaving a parked position
2	0.1	25	0.2	07. Parked



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 138	VEHICLE MANEUVER
0	0.0	2	0.0	08.	Entering a parked position
26	1.7	194	1.3	09.	Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc.
1	0.1	3	0.0	10.	Turning right: right turn on red (RTOR) permitted
0	0.0	0	0.0	11.	Turning right: RTOR not permitted
7	0.5	63	0.4	12.	Turning right: RTOR not known if permitted or n/a
12	0.8	177	1.2	13.	Turning left
2	0.1	22	0.1	14.	Making a U-turn
5	0.3	66	0.4	15.	Backing up (other than for parking purposes)
8	0.5	67	0.4	16.	Changing lanes or merging
40	2.7	423	2.8	17.	Negotiating a curve
2	0.1	37	0.2	98.	Other
1033	69.1	10305	68.6	99.	Unknown

Variable 139 MOST HARMFUL EVENT MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL	Prcnt	ALL	Prcnt	MOST HARMFUL EVENT
Non-Collision Event				
184	12.3	1413	9.4	01. Overturn
54	3.6	324	2.2	02. Fire/explosion
0	0.0	28	0.2	03. Immersion
0	0.0	0	0.0	04. Gas inhalation
2	0.1	79	0.5	05. Fell from vehicle
1	0.1	6	0.0	06. Injured in vehicle
1	0.1	37	0.2	07. Other non-collision
Collision with object not fixed				
124	8.3	1245	8.3	08. Pedestrian
15	1.0	201	1.3	09. Pedalcycle
11	0.7	112	0.7	10. Railway train
2	0.1	6	0.0	11. Animal
962	64.4	10115	67.4	12. Motor vehicle in transport
19	1.3	151	1.0	13. Motor vehicle in transport in other roadway
13	0.9	112	0.7	14. Parked motor vehicle
0	0.0	6	0.0	15. Other type non-motorist
1	0.1	11	0.1	16. Thrown or falling object
0	0.0	1	0.0	17. Boulder
2	0.1	13	0.1	18. Other object (not fixed)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcent	ALL Prcent	Var 139	MOST HARMFUL EVENT	
Collision with fixed object				
7	0.5	42	0.3	19. Building
3	0.2	22	0.1	20. Impact attenuator/crash cushion
6	0.4	33	0.2	21. Bridge pier or abutment
11	0.7	89	0.6	22. Bridge parapet end
2	0.1	18	0.1	23. Bridge rail
8	0.5	100	0.7	24. Guardrail
0	0.0	2	0.0	25. Concrete traffic barrier
0	0.0	5	0.0	26. Other longitudinal barrier type
9	0.6	71	0.5	27. Highway/traffic sign post
2	0.1	34	0.2	28. Overhead sign support
0	0.0	12	0.1	29. Luminaire/light support
4	0.3	11	0.1	30. Utility pole
0	0.0	26	0.2	31. Other post, pole or supports
4	0.3	30	0.2	32. Culvert
7	0.5	37	0.2	33. Curb
2	0.1	8	0.1	34. Ditch
3	0.2	12	0.1	35. Embankment - earth
2	0.1	8	0.1	36. Embankment - rock, stone, or concrete
0	0.0	6	0.0	37. Embankment - material type unknown
2	0.1	5	0.0	38. Fence
0	0.0	7	0.0	39. Wall
0	0.0	0	0.0	40. Fire hydrant
0	0.0	1	0.0	41. Shrubbery
0	0.0	30	0.2	42. Tree
2	0.1	3	0.0	43. Other fixed object
0	0.0	0	0.0	44. Pavement surface irregularity (potholes, grooved, grates)
29	1.9	546	3.6	99. Unknown

Variable	145	VIN TRUCK FUEL CODE	MD1:	None	Field Width:	1
			MD2:	None	Type:	Numeric

Not coded for 1980

FRTL Prcent	ALL Prcent	VIN TRUCK FUEL CODE
		1. (E) Electric operated
		2. (G) Gas
		3. (D) Diesel
		4. (P) Propane
		7. (*) Not available from VIN
		8. (b)
		9. (9) No VIN information

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable 146 VIN TRUCK WEIGHT CODE MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	VIN TRUCK WEIGHT CODE		
422 28.2	1968 13.1	0.		
0 0.0	3 0.0	1.	6,000 or less	
0 0.0	13 0.1	2.	6,001 - 10,000	
0 0.0	4 0.0	3.	10,001 - 14,000	
0 0.0	16 0.1	4.	14,001 - 16,000	
0 0.0	117 0.8	5.	16,001 - 19,500	
1 0.1	971 6.5	6.	19,501 - 26,000	
0 0.0	459 3.1	7.	26,001 - 33,000	
58 3.9	2699 18.0	8.	33,001 or more	
1013 67.8	8768 58.4	9.	Unknown	

Variable 147 VIN TRUCK SERIES MD1: None Field Width: 3  
MD2: None Type: Alphabetic

Not coded for 1980 Not coded for 1980

Variable 149 LENGTH OF VIN MD1: 99 Field Width: 2  
MD2: None Type: Numeric

Not coded for 1980

FRTL Prcnt	ALL Prcnt	LENGTH OF VIN		
0 0.0	0 0.0	01.		
		-	Actual value	
61 4.1	630 4.2	17.		
629 42.1	6410 42.7	99.	Unknown VIN length	

Variables 150 through 155 are counter variables added by UMTRI to indicate the number of persons in the vehicle with injury severities of level zero through five, respectively, for person variable V318 (INJURY SEVERITY). These counter variables have the value zero for the vehicle segment of non-occupant records. Note that the number of K-injured (V154) does not always equal the number of deaths in the vehicle (V136).

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

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Variable	150	<u>NO OF UNINJURED IN VEH</u>	MD1: None	Field Width: 2
			MD2: None	Type: Numeric

---

	FRTL Prcnt	ALL Prcnt	NO OF UNINJURED IN VEH	
	727 48.7	6714 44.7	00.	0 uninjured
	696 46.6	7576 50.4	01.	1 uninjured
	67 4.5	652 4.3	02.	2 uninjured
	3 0.2	59 0.4	03.	3 uninjured
	1 0.1	12 0.1	04.	4 uninjured
	0 0.0	3 0.0	05.	5 uninjured
	0 0.0	1 0.0	07.	7 uninjured
	0 0.0	1 0.0	09.	9 uninjured

---

Variable	151	<u>NO OF C-INJURED IN VEH</u>	MD1: None	Field Width: 2
			MD2: None	Type: Numeric

---

	FRTL Prcnt	ALL Prcnt	NO OF C-INJURED IN VEH	
	1336 89.4	13338 88.8	00.	0 C-injured
	147 9.8	1550 10.3	01.	1 C-injured
	10 0.7	114 0.8	02.	2 C-injured
	1 0.1	14 0.1	03.	3 C-injured
	0 0.0	2 0.0	04.	4 C-injured

---

Variable	152	<u>NO OF B-INJURED IN VEH</u>	MD1: None	Field Width: 2
			MD2: None	Type: Numeric

---

	FRTL Prcnt	ALL Prcnt	NO OF B-INJURED IN VEH	
	1300 87.0	13232 88.1	00.	0 B-injured
	170 11.4	1631 10.9	01.	1 B-injured
	24 1.6	141 0.9	02.	2 B-injured
	0 0.0	8 0.1	03.	3 B-injured
	0 0.0	3 0.0	04.	4 B-injured
	0 0.0	2 0.0	05.	5 B-injured
	0 0.0	1 0.0	06.	6 B-injured

---

Variable	153	<u>NO OF A-INJURED IN VEH</u>	MD1: None	Field Width: 2
			MD2: None	Type: Numeric

---

	FRTL Prcnt	ALL Prcnt	NO OF A-INJURED IN VEH	
	1356 90.8	13847 92.2	00.	0 A-injured
	129 8.6	1083 7.2	01.	1 A-injured
	7 0.5	80 0.5	02.	2 A-injured
	1 0.1	5 0.0	03.	3 A-injured

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS VEHICLE VARIABLES

FRTL Prcnt	ALL Prcnt	Var 153	NO OF A-INJURED IN VEH
1 0.1	2 0.0	04.	4 A-injured
0 0.0	1 0.0	11.	11 A-injured

---

Variable 154 NO OF K-INJURED IN VEH MD1: None Field Width: 2  
 MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	NO OF K-INJURED IN VEH
1130 75.6	12049 80.2	00. 0 killed
335 22.4	2780 18.5	01. 1 killed
28 1.9	176 1.2	02. 2 killed
1 0.1	13 0.1	03. 3 killed

---

Variable 155 NO OF UNK INJURED IN VEH MD1: None Field Width: 2  
 MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	NO OF UNK INJURED IN VEH
1491 99.8	14991 99.8	00. 0 unknown injured
3 0.2	23 0.2	01. 1 unknown injured
0 0.0	4 0.0	02. 2 unknown injured

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

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Variable	206	<b>DRIVER PRESENCE</b>	MD1:	9	Field Width: 1
			MD2:	None	Type: Numeric

---

FRTL Prcnt	ALL Prcnt	DRIVER PRESENCE	
1481 99.1	14825 98.7	1. Driver operated vehicle	
12 0.8	184 1.2	2. Driverless	
1 0.1	4 0.0	3. Driver left scene	
0 0.0	5 0.0	9. Unknown	

---

Variable	207	<b>DRIVER DRINKING</b>	MD1:	9	Field Width: 1
			MD2:	None	Type: Numeric

---

Not coded for 1980

FRTL Prcnt	ALL Prcnt	DRIVER DRINKING	
937 62.7	9522 63.4	0. No drinking reported	
24 1.6	322 2.1	1. Drinking reported	
533 35.7	5174 34.5	9. Unknown	

---

Variable	208	<b>LICENSE STATE</b>	MD1:	99	Field Width: 2
			MD2:	None	Type: Numeric

---

FRTL Prcnt	ALL Prcnt	LICENSE STATE	
46 3.1	413 2.8	01. Alabama	
0 0.0	2 0.0	02. Alaska	
26 1.7	176 1.2	04. Arizona	
31 2.1	296 2.0	05. Arkansas	
217 14.5	1014 6.8	06. California	
22 1.5	184 1.2	08. Colorado	
2 0.1	97 0.6	09. Connecticut	
1 0.1	46 0.3	10. Delaware	
1 0.1	8 0.1	11. District of Columbia	
41 2.7	791 5.3	12. Florida	
25 1.7	479 3.2	13. Georgia	
0 0.0	0 0.0	15. Hawaii	
13 0.9	101 0.7	16. Idaho	
45 3.0	521 3.5	17. Illinois	
46 3.1	389 2.6	18. Indiana	
31 2.1	263 1.8	19. Iowa	
24 1.6	214 1.4	20. Kansas	
8 0.5	280 1.9	21. Kentucky	
36 2.4	427 2.8	22. Louisiana	
3 0.2	58 0.4	23. Maine	
7 0.5	181 1.2	24. Maryland	
1 0.1	127 0.8	25. Massachusetts	
20 1.3	365 2.4	26. Michigan	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt	ALL Prcnt	Var 208	LICENSE STATE	
26	1.7	272	1.8	27. Minnesota
18	1.2	262	1.7	28. Mississippi
61	4.1	447	3.0	29. Missouri
20	1.3	103	0.7	30. Montana
27	1.8	186	1.2	31. Nebraska
10	0.7	59	0.4	32. Nevada
1	0.1	36	0.2	33. New Hampshire
12	0.8	302	2.0	34. New Jersey
14	0.9	125	0.8	35. New Mexico
13	0.9	513	3.4	36. New York
39	2.6	546	3.6	37. North Carolina
11	0.7	77	0.5	38. North Dakota
37	2.5	634	4.2	39. Ohio
80	5.4	448	3.0	40. Oklahoma
57	3.8	198	1.3	41. Oregon
35	2.3	642	4.3	42. Pennsylvania
0	0.0	2	0.0	43. Puerto Rico
2	0.1	18	0.1	44. Rhode Island
18	1.2	240	1.6	45. South Carolina
23	1.5	94	0.6	46. South Dakota
29	1.9	378	2.5	47. Tennessee
170	11.4	1551	10.3	48. Texas
17	1.1	130	0.9	49. Utah
1	0.1	25	0.2	50. Vermont
18	1.2	283	1.9	51. Virginia
37	2.5	186	1.2	53. Washington
8	0.5	122	0.8	54. West Virginia
23	1.5	291	1.9	55. Wisconsin
12	0.8	69	0.5	56. Wyoming
0	0.0	9	0.1	94. Military
6	0.4	73	0.5	95. Canada
2	0.1	15	0.1	96. Mexico
5	0.3	15	0.1	97. Other foreign country
16	1.1	235	1.6	99. Unknown

Variable 209 LICENSE CLASS COMPLIANCE MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	LICENSE CLASS COMPLIANCE		
1	0.1	7	0.0	0. No license required
21	1.4	218	1.5	1. No license, license required
40	2.7	714	4.8	2. Valid license for this class only
6	0.4	89	0.6	3. One valid class license, but not for this class vehicle
377	25.2	3469	23.1	4. Multiple class licenses, valid for this class vehicle
2	0.1	29	0.2	5. Multiple class licenses, no valid license for this class vehicle

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prctl	ALL Prctl	Var 209	LICENSE CLASS COMPLIANCE
948 63.5	9391 62.5		6. Valid license for this type of vehicle (1980 & 1981 cases only)
16 1.1	152 1.0		7. Licensed, but not for this type of vehicle (1980 & 1981 cases only)
83 5.6	949 6.3		9. Unknown

---

Variable 210 LICENSE STATUS MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prctl	ALL Prctl	LICENSE STATUS
2 0.1	9 0.1	0. None required
27 1.8	342 2.3	1. None
1366 91.4	13597 90.5	2. Valid
27 1.8	271 1.8	3. Suspended
7 0.5	54 0.4	4. Revoked
11 0.7	87 0.6	5. Expired
0 0.0	2 0.0	6. Cancelled or denied
2 0.1	10 0.1	7. Learner's permit
0 0.0	1 0.0	8. Temporary
52 3.5	645 4.3	9. Unknown

---

Variable 211 LICENSE RESTRICTIONS MET MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prctl	ALL Prctl	COMPLIANCE WITH LICENSE RESTRICTIONS
1170 78.3	11936 79.5	0. No restrictions or not applicable
84 5.6	872 5.8	1. Restrictions complied with
2 0.1	19 0.1	2. Restrictions not complied with
167 11.2	1403 9.3	3. Restrictions, compliance unknown
71 4.8	788 5.2	9. Unknown

---

Variable 212 DRIVER TRAINING MD1: 9 Field Width: 1  
MD2: None Type: Numeric

FRTL Prctl	ALL Prctl	DRIVER TRAINING
383 25.6	3461 23.0	0. None
89 6.0	898 6.0	1. High school
7 0.5	89 0.6	2. Commercial
0 0.0	6 0.0	3. School bus
15 1.0	122 0.8	4. Traffic school
1 0.1	23 0.2	5. Two or more types
24 1.6	286 1.9	6. Training, type unknown



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt      ALL Prcnt      Var 212      DRIVER TRAINING  
975 65.3      10133 67.5      9. Unknown

Variable 213      VIOLATIONS CHARGED      MD1:      9      Field Width:      1  
MD2:      None      Type:      Numeric

FRTL Prcnt	ALL Prcnt	VIOLATIONS CHARGED		
1229 82.3	12072 80.4	0.	None	
144 9.6	1473 9.8	1.	Alcohol or drugs	
29 1.9	289 1.9	2.	Speeding	
0 0.0	9 0.1	3.	Alcohol or drugs and speeding	
11 0.7	117 0.8	4.	Reckless driving	
0 0.0	13 0.1	5.	Driving with a suspended or revoked license	
28 1.9	308 2.1	6.	Other moving violation	
4 0.3	76 0.5	7.	Non-moving violation	
3 0.2	55 0.4	8.	Violation, type unknown or other violation	
46 3.1	606 4.0	9.	Unknown	

Variable 214      NO OF PREV ACCIDENTS      MD1:      99      Field Width:      2  
MD2:      None      Type:      Numeric

FRTL Prcnt	ALL Prcnt	NO OF PREVIOUS RECORDED ACCIDENTS		
1070 71.6	10631 70.8	00.	0 accidents	
271 18.1	2661 17.7	01.	1 accident	
70 4.7	732 4.9	02.	2 accidents	
19 1.3	214 1.4	03.	3 accidents	
2 0.1	55 0.4	04.	4 accidents	
3 0.2	18 0.1	05.	5 accidents	
0 0.0	7 0.0	06.	6 accidents	
0 0.0	1 0.0	07.	7 accidents	
59 3.9	699 4.7	99.	Unknown	

Variable 215      NO OF PREV SUSPENSIONS      MD1:      99      Field Width:      2  
MD2:      None      Type:      Numeric

FRTL Prcnt	ALL Prcnt	NO OF PREVIOUS SUSPENSIONS AND REVOCATION		
1327 88.8	13122 87.4	00.	0 suspensions	
77 5.2	853 5.7	01.	1 suspension	
20 1.3	213 1.4	02.	2 suspensions	
10 0.7	83 0.6	03.	3 suspensions	
1 0.1	29 0.2	04.	4 suspensions	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt		ALL Prcnt		Var 215	NO OF PREV SUSPENSIONS
0	0.0	10	0.1	05.	5 suspensions
0	0.0	6	0.0	06.	6 suspensions
0	0.0	1	0.0	07.	7 suspensions
0	0.0	1	0.0	09.	9 suspensions
0	0.0	1	0.0	11.	11 suspensions
59	3.9	699	4.7	99.	Unknown

---

Variable	216	NO OF PREV DWI CONVICTNS	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		NO OF PREVIOUS DWI CONVICTIONS	
1404	94.0	13997	93.2	00.	0 DWI convictions
27	1.8	281	1.9	01.	1 DWI conviction
3	0.2	34	0.2	02.	2 DWI convictions
0	0.0	4	0.0	03.	3 DWI convictions
1	0.1	1	0.0	05.	5 DWI convictions
0	0.0	1	0.0	07.	7 DWI convictions
59	3.9	700	4.7	99.	Unknown

---

Variable	217	NO OF PREV SPEEDING CONV	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		NO OF PREVIOUS SPEEDING CONVICTIONS	
639	42.8	7645	50.9	00.	0 speed convictions
332	22.2	3159	21.0	01.	1 speed conviction
186	12.4	1650	11.0	02.	2 speed convictions
113	7.6	834	5.6	03.	3 speed convictions
65	4.4	456	3.0	04.	4 speed convictions
50	3.3	265	1.8	05.	5 speed convictions
18	1.2	148	1.0	06.	6 speed convictions
9	0.6	66	0.4	07.	7 speed convictions
9	0.6	40	0.3	08.	8 speed convictions
3	0.2	17	0.1	09.	9 speed convictions
3	0.2	17	0.1	10.	10 speed convictions
3	0.2	8	0.1	11.	11 speed convictions
4	0.3	8	0.1	12.	12 speed convictions
0	0.0	2	0.0	13.	13 speed convictions
1	0.1	1	0.0	15.	15 speed convictions
0	0.0	1	0.0	16.	16 speed convictions
0	0.0	1	0.0	20.	20 speed convictions
59	3.9	700	4.7	99.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

Variable 218 NO OF PREV OTHER MV CONV MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	NO OF PREVIOUS OTHER HARMFUL MV CONVICTIO
975 65.3	10453 69.6	00. 0 other convictions
264 17.7	2516 16.8	01. 1 other conviction
94 6.3	788 5.2	02. 2 other convictions
42 2.8	274 1.8	03. 3 other convictions
24 1.6	114 0.8	04. 4 other convictions
16 1.1	80 0.5	05. 5 other convictions
8 0.5	34 0.2	06. 6 other convictions
3 0.2	19 0.1	07. 7 other convictions
3 0.2	18 0.1	08. 8 other convictions
3 0.2	9 0.1	09. 9 other convictions
0 0.0	2 0.0	10. 10 other convictions
2 0.1	5 0.0	11. 11 other convictions
1 0.1	5 0.0	12. 12 other convictions
0 0.0	1 0.0	16. 16 other convictions
59 3.9	700 4.7	99. Unknown

Variable 219 LAST ACC/SUSPNSN - MONTH MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	LAST ACCIDENT/SUSPENSION/CONVICTION - MON
415 27.8	4989 33.2	00. No record
94 6.3	716 4.8	01. January
84 5.6	781 5.2	02. February
88 5.9	849 5.7	03. March
82 5.5	789 5.3	04. April
86 5.8	790 5.3	05. May
90 6.0	747 5.0	06. June
93 6.2	774 5.2	07. July
78 5.2	728 4.8	08. August
72 4.8	808 5.4	09. September
80 5.4	834 5.6	10. October
90 6.0	789 5.3	11. November
83 5.6	725 4.8	12. December
59 3.9	699 4.7	99. Unknown

Variable 220 LAST ACC/SUSPNSN - YEAR MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prcnt	ALL Prcnt	LAST ACCIDENT/SUSPENSION/CONVICTION - YEA
415 27.8	4989 33.2	00. No record
24 1.6	236 1.6	77. 1977
63 4.2	785 5.2	78. 1978

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt		ALL Prcnt		Var 220	LAST ACC/SUSPNSN - YEAR
221	14.8	2182	14.5	79.	1979
357	23.9	3016	20.1	80.	1980
242	16.2	2273	15.1	81.	1981
113	7.6	838	5.6	82.	1982
0	0.0	0	0.0	83.	1983
59	3.9	699	4.7	99.	Unknown

---

Variable	221	1ST ACC/SUSPNSN - MONTH	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		1ST ACCIDENT/SUSPENSION/CONVICTION - MONT	
415	27.8	4989	33.2	00.	No record
96	6.4	772	5.1	01.	January
88	5.9	776	5.2	02.	February
100	6.7	851	5.7	03.	March
78	5.2	802	5.3	04.	April
88	5.9	810	5.4	05.	May
69	4.6	762	5.1	06.	June
76	5.1	755	5.0	07.	July
97	6.5	829	5.5	08.	August
79	5.3	779	5.2	09.	September
92	6.2	807	5.4	10.	October
75	5.0	733	4.9	11.	November
82	5.5	653	4.3	12.	December
59	3.9	700	4.7	99.	Unknown

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Variable	222	1ST ACC/SUSPNSN - YEAR	MD1:	99	Field Width:	2
			MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		1ST ACCIDENT/SUSPENSION/CONVICTION - YEAR	
415	27.8	4989	33.2	00.	No record
0	0.0	1	0.0	75.	1975
0	0.0	3	0.0	76.	1976
120	8.0	971	6.5	77.	1977
<del>237</del>	<del>15.9</del>	<del>2200</del>	<del>14.6</del>	<del>78.</del>	<del>1978</del>
304	20.3	2921	19.4	79.	1979
234	15.7	2113	14.1	80.	1980
98	6.6	895	6.0	81.	1981
27	1.8	225	1.5	82.	1982
0	0.0	0	0.0	83.	1983
59	3.9	700	4.7	99.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS VEHICLE VARIABLES

Variable 223 DRIVER RELATED FACTORS MD1: 99 Field Width: 2  
 MD2: None Type: Numeric  
 Multiple Responses: 3

FRTL Prcnt	ALL Prcnt	RELATED FACTORS AT DRIVER LEVEL		
3449	77.0	35799	79.5	00. None
Physical/Mental Condition				
55	1.2	392	0.9	01. Drowsy, sleepy, asleep, fatigued
2	0.0	16	0.0	02. Ill, blackout
0	0.0	0	0.0	03. Emotional (e.g., depression, angry, disturbed)
4	0.1	6	0.0	04. Drugs - medication
4	0.1	16	0.0	05. Other drugs
97	2.2	672	1.5	06. Inattentive (talking, eating, etc.)
0	0.0	5	0.0	07. Restricted to wheelchair
0	0.0	2	0.0	08. Paraplegic
0	0.0	1	0.0	09. Impaired due to previous injury
0	0.0	0	0.0	10. Deaf
2	0.0	11	0.0	11. Other physical impairment
0	0.0	0	0.0	12. Mother of dead fetus
Miscellaneous Causes				
0	0.0	4	0.0	19. Legally driving on suspended or revoked license
10	0.2	138	0.3	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
7	0.2	137	0.3	21. Overloading or improper loading of vehicle with passengers or cargo
0	0.0	14	0.0	22. Towing or pushing vehicle improperly
2	0.0	25	0.1	23. Failing to dim or to have lights on when required
16	0.4	143	0.3	24. Operating without required equipment
0	0.0	2	0.0	25. Creating unlawful noise or using equipment prohibited by law
34	0.8	253	0.6	26. Following improperly
9	0.2	83	0.2	27. Improper or erratic lane changing
167	3.7	1367	3.0	28. Failure to keep in proper lane or running off road
2	0.0	11	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median
6	0.1	38	0.1	30. Making improper entry to or exit from trafficway
3	0.1	99	0.2	31. Starting or backing improperly
0	0.0	1	0.0	32. Opening vehicle closure into moving traffic or while vehicle is in motion

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES

FRTL Prcnt		ALL Prcnt		Var 223	DRIVER RELATED FACTORS
10	0.2	51	0.1	33.	Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass
0	0.0	7	0.0	34.	Passing on wrong side
25	0.6	139	0.3	35.	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
75	1.7	847	1.9	36.	Operating the vehicle in an erratic, reckless, careless or negligent manner
0	0.0	5	0.0	37.	High speed chase - police in pursuit
61	1.4	723	1.6	38.	Failure to yield right-of-way
29	0.6	457	1.0	39.	Failure to obey traffic signs, control devices or traffic officers, or failure to observe safety zone
1	0.0	7	0.0	40.	Passing through or around barrier
2	0.0	31	0.1	41.	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	15	0.0	42.	Failure to signal intentions
0	0.0	0	0.0	43.	Giving wrong signal
241	5.4	1924	4.3	44.	Driving too fast for conditions or in excess of posted maximum
5	0.1	24	0.1	45.	Driving less than posted minimum
0	0.0	1	0.0	46.	Operating at erratic or suddenly changing speeds
1	0.0	15	0.0	47.	Making right turn from left turn lane, making left turn from right turn lane
13	0.3	153	0.3	48.	Making other improper turn
0	0.0	0	0.0	49.	Failure to comply with physical restrictions of license
0	0.0	7	0.0	50.	Driving wrong way on one-way trafficway
37	0.8	409	0.9	51.	Driving on wrong side of road
2	0.0	19	0.0	52.	Operator inexperience
4	0.1	28	0.1	53.	Unfamiliar with roadway
9	0.2	155	0.3	54.	Stopping in roadway (vehicle not abandoned)
0	0.0	0	0.0	55.	Underriding a parked truck
1	0.0	2	0.0	56.	Low tire pressure
1	0.0	7	0.0	57.	Locked wheel
1	0.0	16	0.0	58.	Over correcting
0	0.0	3	0.0	59.	Getting off/out of or on/in to moving vehicle
0	0.0	4	0.0	60.	Getting off/out of or on/in to non-moving vehicle

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 FARS VEHICLE VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 223	DRIVER RELATED FACTORS
Vision obscured by					
17	0.4	76	0.2	61.	Rain, snow, fog, smoke, sand, dust
0	0.0	6	0.0	62.	Reflected glare, bright sunlight, headlights
2	0.0	15	0.0	63.	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	3	0.0	64.	Building, billboard, etc.
0	0.0	9	0.0	65.	Trees, crops, vegetation
1	0.0	13	0.0	66.	Moving vehicle (including load)
1	0.0	4	0.0	67.	Parked vehicle
0	0.0	3	0.0	68.	Splash or spray of passing vehicle
0	0.0	0	0.0	69.	Inadequate defrost or defog system
0	0.0	1	0.0	70.	Inadequate lighting system
1	0.0	7	0.0	71.	Obstructing angles on vehicle
0	0.0	0	0.0	72.	Mirrors - rear view
0	0.0	1	0.0	73.	Mirrors - other
0	0.0	0	0.0	74.	Head restraints
0	0.0	1	0.0	75.	Broken or improperly cleaned windshield
1	0.0	3	0.0	76.	Other obstruction
Avoiding of swerving due to					
4	0.1	7	0.0	77.	Severe crosswind
0	0.0	0	0.0	78.	Wind from passing truck
10	0.2	61	0.1	79.	Slippery or loose surface
2	0.0	14	0.0	80.	Tire blow-out or flat
1	0.0	3	0.0	81.	Debris or objects in road
1	0.0	1	0.0	82.	Ruts, holes, bumps in road
1	0.0	4	0.0	83.	Animals in road
14	0.3	79	0.2	84.	Vehicle in road
0	0.0	4	0.0	85.	Phantom vehicle
5	0.1	20	0.0	86.	Pedestrian, pedalcyclist, or other non-motorist in road
3	0.1	17	0.0	87.	Water, snow, oilslick on road
1	0.0	34	0.1	90.	Hit-and-run vehicle driver
0	0.0	0	0.0	91.	Non-traffic violation charged - manslaughter or other homicide (offense committed without malice)
30	0.7	384	0.9	99.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS VEHICLE VARIABLES



The PERSON Variables

Variables 305 through 326 describe the occupant of the truck (i.e. the driver) and are obtained from the FARS person file.

Variable 305 PERSON NUMBER MD1: 0 Field Width: 2  
 MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		PERSON NUMBER
12	0.8	191	1.3	00.
1478	98.9	14810	98.6	01. Person #1
4	0.3	15	0.1	02. Person #2
0	0.0	1	0.0	03. Person #3
0	0.0	0	0.0	04. Person #4
0	0.0	1	0.0	05. Person #5
0	0.0	0	0.0	99. Person #99

Variable 307 PERSON AGE MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		PERSON AGE
0	0.0	0	0.0	00. Up to one year
0	0.0	0	0.0	01.
				- . Age in years
0	0.0	0	0.0	96.
0	0.0	0	0.0	97. 97 years or older
16	1.1	236	1.6	99. Unknown

Variable 308 PERSON SEX MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

FRTL Prcnt		ALL Prcnt		PERSON SEX
1460	97.7	14653	97.6	1. Male
21	1.4	148	1.0	2. Female
13	0.9	217	1.4	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS PERSON VARIABLES

Variable	309	PERSON TYPE		MD1:	9	Field Width:	1
				MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		PERSON TYPE
1482	99.2	14827	98.7	1. Driver of a motor vehicle in transport
12	0.8	191	1.3	9. Unknown occupant type in a motor vehicle in transport

Variable	310	SEATING POSITION		MD1:	99	Field Width:	2
				MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		SEATING POSITION
1026	68.7	10173	67.7	01.
456	30.5	4652	31.0	11. Front seat - left side (driver's side)
12	0.8	193	1.3	99. Unknown

Variable	311	MANUAL RESTRAINT SYS		MD1:	9	Field Width:	1
				MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		MANUAL (ACTIVE) RESTRAINT SYSTEM
970	64.9	10979	73.1	0. None used (vehicle occupant) or not applicable (non-motorist or passive system)
0	0.0	14	0.1	1. Shoulder belt
72	4.8	549	3.7	2. Lap belt
9	0.6	95	0.6	3. Lap and shoulder belt
0	0.0	0	0.0	4. Child safety seat
0	0.0	0	0.0	5. Motorcycle helmet
21	1.4	115	0.8	8. Restraint used - type unknown or other (including other helmet)
422	28.2	3266	21.7	9. Unknown

Variable	312	AUTOMATIC RESTRAINT SYS		MD1:	9	Field Width:	1
				MD2:	None	Type:	Numeric

FRTL Prcnt		ALL Prcnt		AUTOMATIC (PASSIVE) RESTRAINT SYSTEM
1465	98.1	14582	97.1	0. Not equipped or non-motorist
0	0.0	0	0.0	1. Automatic belt in use
0	0.0	0	0.0	2. Automatic belt not in use
0	0.0	0	0.0	3. Deployed air bag
0	0.0	0	0.0	4. Non-deployed air bag

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS PERSON VARIABLES

FRTL Prcnt      ALL Prcnt      Var 312    AUTOMATIC RESTRAINT SYS  
29    1.9      436    2.9      9. Unknown

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

FRTL Prcnt      ALL Prcnt      EJECTION  
1342 89.8    13687 91.1      0. Not ejected; not applicable  
114    7.6      903    6.0      1. Totally ejected  
19    1.3      185    1.2      2. Partially ejected  
19    1.3      243    1.6      9. Unknown

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

FRTL Prcnt      ALL Prcnt      EXTRICATION  
1384 92.6    14050 93.6      0. Not extricated; not applicable  
84    5.6      647    4.3      1. Extricated  
26    1.7      321    2.1      9. Unknown

Variable 316    ALCOHOL INVOLVEMENT      MD1:      9    Field Width:    1  
MD2:    None    Type:      Numeric

FRTL Prcnt      ALL Prcnt      ALCOHOL INVOLVEMENT  
1294 86.6    12805 85.3      0. No (alcohol not involved)  
63    4.2      703    4.7      1. Yes (alcohol involved)  
95    6.4      1034    6.9      8. Not reported  
42    2.8      476    3.2      9. Unknown (Police Reported)

Variable 317    ALCOHOL TEST RESULT      MD1:      99    Field Width:    2  
MD2:    None    Type:      Numeric  
Implied Dec Places:    2

FRTL Prcnt      ALL Prcnt      ALCOHOL TEST RESULT  
197 13.2      1556 10.4      00.  
0    0.0      0    0.0      - . Result value (grams/100 ml%)  
1    0.1      6    0.0      94.  
1150 77.0    11540 76.8      95. Test refused  
35    2.3      450    3.0      96. None given  
97. AC test performed, results unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS PERSON VARIABLES

FRTL Prcnt	ALL Prcnt	Var 317	ALCOHOL TEST RESULT
71 4.8	1006 6.7	99.	Unknown

Variable 318	INJURY SEVERITY	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

FRTL Prcnt	ALL Prcnt	INJURY SEVERITY
746 49.9	8164 54.4	0. 0 - no injury
134 9.0	1524 10.1	1. C - possible injury
165 11.0	1550 10.3	2. B - nonincapacitating evident injury
110 7.4	932 6.2	3. A - incapacitating injury
322 21.6	2590 17.2	4. K - fatal injury
3 0.2	26 0.2	5. Injured, severity unknown
0 0.0	1 0.0	6. Died prior to accident
14 0.9	231 1.5	9. Unknown

Variable 319	TAKEN TO HOSPITAL	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

FRTL Prcnt	ALL Prcnt	TAKEN TO HOSPITAL OR TREATMENT FACILITY
1023 68.5	10106 67.3	0. No
417 27.9	4229 28.2	1. Yes
54 3.6	683 4.5	9. Unknown

Variable 320	DEATH DATE - MONTH	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

FRTL Prcnt	ALL Prcnt	DEATH DATE - MONTH
1160 77.6	12237 81.5	00. Not applicable
31 2.1	209 1.4	01. January
18 1.2	195 1.3	02. February
23 1.5	205 1.4	03. March
20 1.3	185 1.2	04. April
23 1.5	201 1.3	05. May
32 2.1	229 1.5	06. June
26 1.7	241 1.6	07. July
31 2.1	249 1.7	08. August
30 2.0	255 1.7	09. September
34 2.3	254 1.7	10. October
31 2.1	197 1.3	11. November
23 1.5	163 1.1	12. December
12 0.8	198 1.3	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS PERSON VARIABLES

Variable 321 DEATH DATE - DAY MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prctl	ALL Prctl	DEATH DATE - DAY
1160 77.6	12237 81.5	00. Not applicable
11 0.7	86 0.6	01. - . Day of month
6 0.4	47 0.3	31. Unknown
12 0.8	198 1.3	

Variable 322 DEATH DATE - YEAR MD1: 99 Field Width: 2  
MD2: None Type: Numeric

FRTL Prctl	ALL Prctl	DEATH DATE - YEAR
1160 77.6	12237 81.5	00. Not applicable
121 8.1	930 6.2	80. 1980
111 7.4	902 6.0	81. 1981
90 6.0	755 5.0	82. 1982
0 0.0	0 0.0	83. 1983
12 0.8	194 1.3	99. Unknown

Variable 323 DEATH TIME - HOURS MD1: 99 Field Width: 2  
MD2: None Type: Numeric

Not coded for 1980

FRTL Prctl	ALL Prctl	DEATH TIME - HOURS
370 24.8	3914 26.1	00. 12:01 am - 12:59 am
3 0.2	31 0.2	01. 1:00 am - 1:59 am
3 0.2	16 0.1	02. 2:00 am - 2:59 am
6 0.4	23 0.2	03. 3:00 am - 3:59 am
3 0.2	32 0.2	04. 4:00 am - 4:59 am
6 0.4	23 0.2	05. 5:00 am - 5:59 am
4 0.3	42 0.3	06. 6:00 am - 6:59 am
6 0.4	33 0.2	07. 7:00 am - 7:59 am
2 0.1	26 0.2	08. 8:00 am - 8:59 am
6 0.4	34 0.2	09. 9:00 am - 9:59 am
2 0.1	24 0.2	10. 10:00 am - 10:59 am
3 0.2	28 0.2	11. 11:00 am - 11:59 am
4 0.3	26 0.2	12. 12:00 pm - 12:59 pm
5 0.3	30 0.2	13. 1:00 pm - 1:59 pm
2 0.1	40 0.3	14. 2:00 pm - 2:59 pm
2 0.1	39 0.3	15. 3:00 pm - 3:59 pm
0 0.0	23 0.2	16. 4:00 pm - 4:59 pm
1 0.1	11 0.1	17. 5:00 pm - 5:59 pm
2 0.1	27 0.2	18. 6:00 pm - 6:59 pm

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
FARS PERSON VARIABLES

FRTL Prcnt		ALL Prcnt		Var 323	DEATH TIME - HOURS
1	0.1	24	0.2	19.	7:00 pm - 7:59 pm
2	0.1	26	0.2	20.	8:00 pm - 8:59 pm
2	0.1	25	0.2	21.	9:00 pm - 9:59 pm
2	0.1	21	0.1	22.	10:00 pm - 10:59 pm
5	0.3	28	0.2	23.	11:00 pm - 11:59 pm
2	0.1	2	0.0	24.	12:00 midnight
1050	70.3	10470	69.7	99.	Unknown

---

Variable 324 DEATH TIME - MINUTES MD1: 99 Field Width: 2  
MD2: None Type: Numeric

Not coded for 1980

FRTL Prcnt		ALL Prcnt		DEATH TIME - MINUTES
375	25.1	3977	26.5	00. - . Minute
0	0.0	4	0.0	59.
1050	70.3	10470	69.7	99. Unknown

---

Variable 325 LAG TIME ACC/DEATH - HRS MD1: 999 Field Width: 3  
MD2: None Type: Numeric

Not coded for 1980

FRTL Prcnt		ALL Prcnt		LAG TIME ACC/DEATH - HRS
52	3.5	405	2.7	000. - . Actual time in hours
0	0.0	0	0.0	998.
1416	94.8	14369	95.7	999. Unknown

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Variable 326 LAG TIME ACC/DEATH - MIN MD1: 99 Field Width: 2  
MD2: None Type: Numeric

Not coded for 1980

FRTL Prcnt		ALL Prcnt		LAG TIME ACC/DEATH - MIN
78	5.2	649	4.3	00. - . Minute
0	0.0	0	0.0	59.
1416	94.8	14369	95.7	99. Unknown

The BMCS and SURVEY Variables

Variables 1001 through 1085 are derived by two methods: first a match was made with BMCS fatal cases and subsequently a survey was conducted for those cases not matched.

Variable 1001	BMCS ID	MD1: 0	Field Width: 5
		MD2: None	Type: Numeric

FRTL Prcnt	ALL Prcnt	BMCS ID
		00000. Unknown
		00001.
		- . BMCS case ID
		34037.

Variable 1002	STATE OF CARRIER	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

BMCS cases only

FRTL Prcnt	ALL Prcnt	STATE OF CARRIER
19	1.3	129 0.9 01. Alabama
0	0.0	1 0.0 02. Alaska
11	0.7	55 0.4 04. Arizona
20	1.3	110 0.7 05. Arkansas
103	6.9	288 1.9 06. California
25	1.7	114 0.8 08. Colorado
1	0.1	34 0.2 09. Connecticut
0	0.0	15 0.1 10. Delaware
0	0.0	2 0.0 11. District of Columbia
29	1.9	188 1.3 12. Florida
14	0.9	183 1.2 13. Georgia
5	0.3	46 0.3 16. Idaho
26	1.7	240 1.6 17. Illinois
22	1.5	184 1.2 18. Indiana
18	1.2	124 0.8 19. Iowa
29	1.9	173 1.2 20. Kansas
5	0.3	55 0.4 21. Kentucky
10	0.7	54 0.4 22. Louisiana
2	0.1	12 0.1 23. Maine
1	0.1	58 0.4 24. Maryland
0	0.0	47 0.3 25. Massachusetts
13	0.9	180 1.2 26. Michigan
19	1.3	141 0.9 27. Minnesota
4	0.3	48 0.3 28. Mississippi

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 1002	STATE OF CARRIER
34	2.3	188	1.3	29.	Missouri
9	0.6	31	0.2	30.	Montana
18	1.2	99	0.7	31.	Nebraska
2	0.1	10	0.1	32.	Nevada
0	0.0	11	0.1	33.	New Hampshire
14	0.9	132	0.9	34.	New Jersey
0	0.0	18	0.1	35.	New Mexico
8	0.5	130	0.9	36.	New York
17	1.1	211	1.4	37.	North Carolina
0	0.0	10	0.1	38.	North Dakota
18	1.2	257	1.7	39.	Ohio
43	2.9	178	1.2	40.	Oklahoma
35	2.3	70	0.5	41.	Oregon
23	1.5	257	1.7	42.	Pennsylvania
2	0.1	5	0.0	44.	Rhode Island
8	0.5	63	0.4	45.	South Carolina
11	0.7	30	0.2	46.	South Dakota
9	0.6	121	0.8	47.	Tennessee
80	5.4	452	3.0	48.	Texas
19	1.3	78	0.5	49.	Utah
0	0.0	6	0.0	50.	Vermont
9	0.6	99	0.7	51.	Virginia
24	1.6	67	0.4	53.	Washington
1	0.1	24	0.2	54.	West Virginia
12	0.8	131	0.9	55.	Wisconsin
8	0.5	20	0.1	56.	Wyoming
710	47.5	9817	65.4	98.	Not applicable (Survey case)
4	0.3	22	0.1	99.	Unknown

Variable 1003	AREA OF OPERATION	MD1:	9	Field Width:	1
		MD2:	None	Type:	Numeric

Both SURVEY and BMCS cases

FRTL	Prcnt	ALL	Prcnt	AREA OF OPERATION
1249	83.6	9811	65.3	1. Interstate
155	10.4	3715	24.7	2. Intrastate
0	0.0	373	2.5	6. Government owned
0	0.0	39	0.3	7. Daily rental (1981 & 1982 cases only)
90	6.0	1080	7.2	9. Unknown



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1004 OPERATING AUTHORITY MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		OPERATING AUTHORITY
360	24.1	6410	42.7	1. Private
1054	70.5	7250	48.3	2. For hire
0	0.0	373	2.5	6. Government owned
0	0.0	39	0.3	7. Daily rental (1981 & 1982 cases only)
80	5.4	946	6.3	9. Unknown

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

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		CARRIER TYPE
282	18.9	3647	24.3	1. Interstate private
862	57.7	5432	36.2	2. Interstate authorized
100	6.7	680	4.5	3. Interstate exempt
77	5.2	2695	17.9	4. Intrastate private
78	5.2	1019	6.8	5. Intrastate for hire
0	0.0	373	2.5	6. Government owned
0	0.0	39	0.3	7. Daily rental (1981 & 1982 cases only)
95	6.4	1133	7.5	9. Unknown

Variable 1006 OWNER OPERATOR MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Not coded for 1980 SURVEY cases only

FRTL Prcnt		ALL Prcnt		OWNER OPERATOR
56	3.7	547	3.6	1. Yes
214	14.3	1753	11.7	2. No
525	35.1	3500	23.3	7. Not applicable (BMCS)
173	11.6	4142	27.6	8. Not applicable (Not for hire)
526	35.2	5076	33.8	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

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Variable 1007	<u>TRIP TYPE</u>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

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Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	TRIP TYPE
738 49.4	4474 29.8	1. OTR, (over-the-road) (BMCS)
203 13.6	5315 35.4	2. Local delivery
136 9.1	1638 10.9	3. OTR, under 200 miles (Survey)
351 23.5	2407 16.0	4. OTR, 200 miles and over (Survey)
27 1.8	376 2.5	5. OTR, unknown distance (Survey)
39 2.6	808 5.4	9. Unknown

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Variable 1009	<u>DISTRICT TYPE</u>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

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BMCS cases only

FRTL Prcnt	ALL Prcnt	DISTRICT TYPE
37 2.5	460 3.1	1. Residential
778 52.1	5638 37.5	2. Rural
170 11.4	1595 10.6	3. Business
444 29.7	6462 43.0	8. Not applicable (Survey case)
65 4.4	863 5.7	9. Unknown

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Variable 1010	<u>MONTH</u>	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

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BMCS cases only

FRTL Prcnt	ALL Prcnt	MONTH
72 4.8	437 2.9	01. January
55 3.7	391 2.6	02. February
55 3.7	409 2.7	03. March
49 3.3	404 2.7	04. April
63 4.2	457 3.0	05. May
72 4.8	420 2.8	06. June
65 4.4	379 2.5	07. July
77 5.2	518 3.4	08. August
67 4.5	456 3.0	09. September
88 5.9	467 3.1	10. October
56 3.7	429 2.9	11. November
65 4.4	434 2.9	12. December
710 47.5	9817 65.4	98. Not applicable (Survey case)
0 0.0	0 0.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1011 DAY MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prcnt		ALL Prcnt		DAY
27	1.8	161	1.1	01. Day of month
15	1.0	81	0.5	31.
710	47.5	9817	65.4	98. Not applicable (Survey case)
0	0.0	0	0.0	99. Unknown

Variable 1012 HOUR MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prcnt		ALL Prcnt		HOUR
29	1.9	178	1.2	00. Midnight
51	3.4	282	1.9	01. 1 am
51	3.4	258	1.7	02. 2 am
47	3.1	271	1.8	03. 3 am
40	2.7	246	1.6	04. 4 am
27	1.8	195	1.3	05. 5 am
38	2.5	217	1.4	06. 6 am
30	2.0	209	1.4	07. 7 am
24	1.6	188	1.3	08. 8 am
24	1.6	177	1.2	09. 9 am
21	1.4	190	1.3	10. 10 am
24	1.6	204	1.4	11. 11 am
40	2.7	223	1.5	12. Noon
24	1.6	205	1.4	13. 1 pm
32	2.1	252	1.7	14. 2 pm
24	1.6	239	1.6	15. 3 pm
30	2.0	226	1.5	16. 4 pm
27	1.8	219	1.5	17. 5 pm
28	1.9	181	1.2	18. 6 pm
33	2.2	186	1.2	19. 7 pm
31	2.1	189	1.3	20. 8 pm
33	2.2	202	1.3	21. 9 pm
39	2.6	213	1.4	22. 10 pm
36	2.4	245	1.6	23. 11 pm
710	47.5	9817	65.4	98. Not applicable (Survey case)
1	0.1	6	0.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

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Variable 1013	<u>MINUTE</u>	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

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## BMCS cases only

FRTL Prcnt	ALL Prcnt	MINUTE
695 46.5	4497 29.9	00.
		- . Minute
0 0.0	2 0.0	59.
710 47.5	9817 65.4	98. Not applicable (Survey case)
1 0.1	6 0.0	99. Unknown

---

Variable 1014	<u>ACCIDENT TYPE</u>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

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## BMCS cases only

FRTL Prcnt	ALL Prcnt	ACCIDENT TYPE
102 6.8	535 3.6	1. Non-collision
600 40.2	4130 27.5	2. Collision with moving object
80 5.4	532 3.5	3. Collision with fixed or parked object
710 47.5	9817 65.4	8. Not applicable (Survey case)
2 0.1	4 0.0	9. Unknown

---

Variable 1015	<u>OTHER OBJECT INVOLVED</u>	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

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## BMCS cases only

FRTL Prcnt	ALL Prcnt	OTHER OBJECT INVOLVED
101 6.8	530 3.5	01. Not applicable (non-collision)
95 6.4	564 3.8	02. Commercial truck
34 2.3	227 1.5	03. Fixed object
409 27.4	2844 18.9	04. Automobile
57 3.8	374 2.5	05. Pedestrian
0 0.0	15 0.1	06. Bus
1 0.1	25 0.2	07. Train
6 0.4	48 0.3	08. Bicycle
6 0.4	30 0.2	09. Animal
23 1.5	189 1.3	10. Motorcycle
52 3.5	355 2.4	11. Other
710 47.5	9817 65.4	98. Not applicable (Survey case)
0 0.0	0 0.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1016 VEHICLE #1 ACTION MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL	Prcnt	ALL	Prcnt	VEHICLE #1 ACTION
36	2.4	243	1.6	01. Slowing/stopping
16	1.1	151	1.0	02. Stopped
10	0.7	64	0.4	03. Parked
22	1.5	134	0.9	04. Rear-end
2	0.1	31	0.2	05. Backing
9	0.6	40	0.3	06. Making right turn
22	1.5	146	1.0	07. Making left turn
4	0.3	26	0.2	08. Making U-turn
405	27.1	2684	17.9	09. Proceeding straight
3	0.2	11	0.1	10. Merging
5	0.3	42	0.3	11. Entering traffic
10	0.7	92	0.6	12. Intersection
13	0.9	72	0.5	13. Passing
13	0.9	43	0.3	14. Changing lanes
2	0.1	29	0.2	15. Sideswipe--opposite direction
15	1.0	120	0.8	16. Head-on--crossed into opposing lane
7	0.5	46	0.3	17. Skidding
10	0.7	113	0.8	18. Vehicle out of control
1	0.1	2	0.0	19. Roll-away
0	0.0	4	0.0	20. Controlled railroad crossing
0	0.0	7	0.0	21. Uncontrolled railroad crossing
5	0.3	27	0.2	22. Other
710	47.5	9817	65.4	97. Not applicable (Survey case)
166	11.1	1015	6.8	98. Not applicable (non-collision)
8	0.5	59	0.4	99. Unknown

Variable 1017 VEHICLE #2 ACTION MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL	Prcnt	ALL	Prcnt	VEHICLE #2 ACTION
14	0.9	97	0.6	01. Slowing/stopping
23	1.5	139	0.9	02. Stopped
15	1.0	71	0.5	03. Parked
47	3.1	280	1.9	04. Rear-end
0	0.0	6	0.0	05. Backing
0	0.0	20	0.1	06. Making right turn
27	1.8	188	1.3	07. Making left turn
6	0.4	40	0.3	08. Making U-turn
154	10.3	1040	6.9	09. Proceeding straight
4	0.3	17	0.1	10. Merging
11	0.7	130	0.9	11. Entering traffic

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1017	VEHICLE #2 ACTION	
28	1.9	274	1.8	12. Intersection
18	1.2	83	0.6	13. Passing
9	0.6	51	0.3	14. Changing lanes
12	0.8	107	0.7	15. Sideswipe--opposite direction
118	7.9	862	5.7	16. Head-on--crossed into opposing lane
6	0.4	50	0.3	17. Skidding
39	2.6	238	1.6	18. Vehicle out of control
0	0.0	2	0.0	19. Roll-away
0	0.0	6	0.0	20. Controlled railroad crossing
0	0.0	5	0.0	21. Uncontrolled railroad crossing
11	0.7	83	0.6	22. Other
710	47.5	9817	65.4	97. Not applicable (Survey case)
184	12.3	1107	7.4	98. Not applicable (non-collision)
58	3.9	305	2.0	99. Unknown

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Variable 1018	VEHICLE #3 ACTION	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

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BMCS cases only

FRTL Prcnt	ALL Prcnt	VEHICLE #3 ACTION		
4	0.3	28	0.2	01. Slowing/stopping
13	0.9	68	0.5	02. Stopped
2	0.1	34	0.2	03. Parked
7	0.5	44	0.3	04. Rear-end
0	0.0	1	0.0	05. Backing
1	0.1	3	0.0	06. Making right turn
1	0.1	11	0.1	07. Making left turn
1	0.1	2	0.0	08. Making U-turn
39	2.6	234	1.6	09. Proceeding straight
3	0.2	5	0.0	10. Merging
3	0.2	9	0.1	11. Entering traffic
5	0.3	32	0.2	12. Intersection
2	0.1	12	0.1	13. Passing
1	0.1	15	0.1	14. Changing lanes
4	0.3	22	0.1	15. Sideswipe--opposite direction
3	0.2	54	0.4	16. Head-on--crossed into opposing lane
4	0.3	13	0.1	17. Skidding
7	0.5	32	0.2	18. Vehicle out of control
0	0.0	0	0.0	19. Roll-away
0	0.0	0	0.0	20. Controlled railroad crossing
0	0.0	0	0.0	21. Uncontrolled railroad crossing
3	0.2	23	0.2	22. Other
710	47.5	9817	65.4	97. Not applicable (Survey case)
239	16.0	1553	10.3	98. Not applicable (non-collision)
442	29.6	3006	20.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1019 PRIMARY EVENT MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		PRIMARY EVENT OTHER THAN COLLISION
54	3.6	315	2.1	0. Ran off road
2	0.1	16	0.1	1. Jackknife
91	6.1	735	4.9	2. Overturn
1	0.1	24	0.2	3. Separation of units
0	0.0	3	0.0	4. Fire
2	0.1	47	0.3	5. Loss or spillage of cargo
1	0.1	18	0.1	6. Cargo shift
2	0.1	17	0.1	7. Other
1339	89.6	13815	92.0	8. Not applicable (collision)
2	0.1	28	0.2	9. Unknown

Variable 1020 ASSOC. ACCIDENT EVENT MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		ASSOCIATED ACCIDENT EVENT
969	64.9	10029	66.8	1. None
18	1.2	152	1.0	2. Spillage of hazardous cargo
149	10.0	1003	6.7	3. Fire
203	13.6	1695	11.3	4. Spillage of non-hazardous cargo
29	1.9	209	1.4	5. Explosion
126	8.4	1930	12.9	9. Unknown

Variable 1021 DRIVER AGE MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		DRIVER AGE
0	0.0	1	0.0	13. 13 years
0	0.0	3	0.0	15. 15 years
0	0.0	11	0.1	16. 16 years
1	0.1	33	0.2	17. 17 years
3	0.2	96	0.6	18. 18 years
6	0.4	185	1.2	19. 19 years
7	0.5	211	1.4	20. 20 years
25	1.7	291	1.9	21. 21 years
36	2.4	394	2.6	22. 22 years
44	2.9	431	2.9	23. 23 years

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 1021	DRIVER AGE
37	2.5	478	3.2	24.	24 years
52	3.5	514	3.4	25.	25 years
42	2.8	501	3.3	26.	26 years
47	3.1	502	3.3	27.	27 years
42	2.8	499	3.3	28.	28 years
58	3.9	511	3.4	29.	29 years
62	4.1	471	3.1	30.	30 years
53	3.5	460	3.1	31.	31 years
52	3.5	488	3.2	32.	32 years
39	2.6	417	2.8	33.	33 years
47	3.1	448	3.0	34.	34 years
57	3.8	457	3.0	35.	35 years
41	2.7	407	2.7	36.	36 years
52	3.5	371	2.5	37.	37 years
45	3.0	418	2.8	38.	38 years
40	2.7	399	2.7	39.	39 years
43	2.9	400	2.7	40.	40 years
56	3.7	365	2.4	41.	41 years
33	2.2	327	2.2	42.	42 years
35	2.3	309	2.1	43.	43 years
41	2.7	305	2.0	44.	44 years
23	1.5	304	2.0	45.	45 years
24	1.6	279	1.9	46.	46 years
27	1.8	265	1.8	47.	47 years
27	1.8	278	1.9	48.	48 years
25	1.7	250	1.7	49.	49 years
29	1.9	272	1.8	50.	50 years
29	1.9	269	1.8	51.	51 years
23	1.5	244	1.6	52.	52 years
27	1.8	270	1.8	53.	53 years
35	2.3	233	1.6	54.	54 years
16	1.1	196	1.3	55.	55 years
19	1.3	186	1.2	56.	56 years
21	1.4	169	1.1	57.	57 years
8	0.5	154	1.0	58.	58 years
15	1.0	146	1.0	59.	59 years
9	0.6	117	0.8	60.	60 years
5	0.3	92	0.6	61.	61 years
5	0.3	74	0.5	62.	62 years
7	0.5	68	0.5	63.	63 years
7	0.5	45	0.3	64.	64 years
1	0.1	39	0.3	65.	65 years
2	0.1	24	0.2	66.	66 years
0	0.0	26	0.2	67.	67 years
1	0.1	22	0.1	68.	68 years
0	0.0	21	0.1	69.	69 years
0	0.0	12	0.1	70.	70 years
1	0.1	10	0.1	71.	71 years
1	0.1	5	0.0	72.	72 years
1	0.1	7	0.0	73.	73 years
0	0.0	4	0.0	74.	74 years



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL Prctl	ALL Prctl	Var 1021	DRIVER AGE
0 0.0	4 0.0	75.	75 years
0 0.0	4 0.0	76.	76 years
0 0.0	3 0.0	77.	77 years
0 0.0	1 0.0	79.	79 years
10 0.7	222 1.5	99.	Unknown

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Variable 1022 YEARS DRIVER EMPLOYED MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prctl	ALL Prctl	YEARS DRIVER EMPLOYED
64 4.3	381 2.5	00. 0 years
343 23.0	2053 13.7	01. 1 year
97 6.5	586 3.9	02. 2 years
45 3.0	409 2.7	03. 3 years
43 2.9	260 1.7	04. 4 years
20 1.3	175 1.2	05. 5 years
22 1.5	126 0.8	06. 6 years
20 1.3	135 0.9	07. 7 years
22 1.5	103 0.7	08. 8 years
13 0.9	103 0.7	09. 9 years
13 0.9	115 0.8	10. 10 years
5 0.3	70 0.5	11. 11 years
9 0.6	66 0.4	12. 12 years
7 0.5	46 0.3	13. 13 years
6 0.4	46 0.3	14. 14 years
3 0.2	53 0.4	15. 15 years
4 0.3	44 0.3	16. 16 years
5 0.3	32 0.2	17. 17 years
3 0.2	25 0.2	18. 18 years
2 0.1	23 0.2	19. 19 years
5 0.3	28 0.2	20. 20 years
0 0.0	22 0.1	21. 21 years
1 0.1	29 0.2	22. 22 years
1 0.1	14 0.1	23. 23 years
1 0.1	17 0.1	24. 24 years
5 0.3	23 0.2	25. 25 years
1 0.1	15 0.1	26. 26 years
0 0.0	10 0.1	27. 27 years
3 0.2	15 0.1	28. 28 years
0 0.0	12 0.1	29. 29 years
1 0.1	16 0.1	30. 30 years
1 0.1	10 0.1	31. 31 years
1 0.1	6 0.0	32. 32 years
2 0.1	5 0.0	33. 33 years
1 0.1	2 0.0	34. 34 years
0 0.0	3 0.0	35. 35 years

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt		ALL Prcnt		Var 1022	YEARS DRIVER EMPLOYED
1	0.1	5	0.0	36.	36 years
0	0.0	1	0.0	37.	37 years
1	0.1	2	0.0	38.	38 years
0	0.0	2	0.0	39.	39 years
0	0.0	1	0.0	41.	41 years
0	0.0	1	0.0	42.	42 years
710	47.5	9817	65.4	98.	Not applicable (Survey case)
13	0.9	111	0.7	99.	Unknown

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Variable 1023	<u>HOURS DRIVING</u>	MD1:	99	Field Width:	2
		MD2:	None	Type:	Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		HOURS DRIVING	
258	17.3	2758	18.4	01.	1 hour
146	9.8	1659	11.0	02.	2 hours
173	11.6	1472	9.8	03.	3 hours
162	10.8	1507	10.0	04.	4 hours
122	8.2	1173	7.8	05.	5 hours
127	8.5	1211	8.1	06.	6 hours
73	4.9	766	5.1	07.	7 hours
69	4.6	670	4.5	08.	8 hours
37	2.5	303	2.0	09.	9 hours
15	1.0	156	1.0	10.	10 hours
8	0.5	54	0.4	11.	11 hours
4	0.3	34	0.2	12.	12 hours
2	0.1	7	0.0	13.	13 hours
1	0.1	9	0.1	14.	14 hours
0	0.0	2	0.0	15.	15 hours
0	0.0	6	0.0	16.	16 hours
0	0.0	2	0.0	17.	17 hours
0	0.0	3	0.0	18.	18 hours
0	0.0	2	0.0	19.	19 hours
0	0.0	3	0.0	20.	20 hours
1	0.1	3	0.0	21.	21 hours
0	0.0	1	0.0	22.	22 hours
0	0.0	2	0.0	24.	24 hours
0	0.0	1	0.0	25.	25 hours
1	0.1	1	0.0	27.	27 hours
0	0.0	1	0.0	30.	30 hours
0	0.0	1	0.0	46.	46 hours
0	0.0	1	0.0	49.	49 hours
0	0.0	1	0.0	72.	72 hours
0	0.0	1	0.0	96.	96 hours
58	3.9	494	3.3	98.	Not applicable
237	15.9	2714	18.1	99.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1024 SCHEDULED HOURS MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prctl		ALL Prctl		SCHEDULED HOURS
63	4.2	469	3.1	01. 1 hour
57	3.8	341	2.3	02. 2 hours
53	3.5	358	2.4	03. 3 hours
63	4.2	434	2.9	04. 4 hours
66	4.4	411	2.7	05. 5 hours
49	3.3	406	2.7	06. 6 hours
50	3.3	368	2.5	07. 7 hours
84	5.6	573	3.8	08. 8 hours
65	4.4	406	2.7	09. 9 hours
103	6.9	703	4.7	10. 10 hours
13	0.9	103	0.7	11. 11 hours
78	5.2	411	2.7	12. Not applicable (BMCS code)
0	0.0	1	0.0	22. 22 hours
710	47.5	9817	65.4	98. Not applicable (Survey case)
40	2.7	217	1.4	99. Unknown

Variable 1025 DRIVER CONDITION MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prctl		ALL Prctl		DRIVER CONDITION
750	50.2	4972	33.1	1. Apparently normal
0	0.0	4	0.0	2. Sick
3	0.2	46	0.3	3. Had been drinking
21	1.4	111	0.7	4. Dozed at wheel
0	0.0	0	0.0	5. Medical waiver
9	0.6	50	0.3	6. Other
710	47.5	9817	65.4	8. Not applicable (Survey case)
1	0.1	18	0.1	9. Unknown

Variable 1026 POWER UNIT TYPE MD1: 0 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prctl		ALL Prctl		POWER UNIT TYPE
2	0.1	112	0.7	0. Unknown
65	4.4	4062	27.0	1. Straight truck
1427	95.5	10844	72.2	8. Tractor

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

Variable 1027 STRT. TRUCK BODY STYLE MD1: 9 Field Width: 1  
MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prct	ALL Prct	STRAIGHT TRUCK BODY STYLE		
1427 95.5	10844 72.2	0. Not applicable (tractor)		
3 0.2	867 5.8	1. Van		
19 1.3	509 3.4	2. Flat		
25 1.7	405 2.7	3. Tank		
5 0.3	1006 6.7	6. Dump		
1 0.1	310 2.1	7. Refuse		
11 0.7	831 5.5	8. Other		
3 0.2	246 1.6	9. Unknown		

Variable 1028 CAB STYLE MD1: 9 Field Width: 1  
MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prct	ALL Prct	CAB STYLE		
171 11.4	7883 52.5	1. Conventional		
1221 81.7	6126 40.8	2. Cabover or cab-forward		
102 6.8	1009 6.7	9. Unknown		

Variable 1029 POWER UNIT YEAR MD1: 99 Field Width: 2  
MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prct	ALL Prct	POWER UNIT YEAR		
0 0.0	3 0.0	47. 1947		
0 0.0	2 0.0	48. 1948		
0 0.0	4 0.0	49. 1949		
0 0.0	6 0.0	50. 1950		
0 0.0	7 0.0	51. 1951		
0 0.0	3 0.0	52. 1952		
0 0.0	8 0.1	53. 1953		
0 0.0	4 0.0	54. 1954		
0 0.0	12 0.1	55. 1955		
0 0.0	7 0.0	56. 1956		
1 0.1	18 0.1	57. 1957		
0 0.0	16 0.1	58. 1958		
2 0.1	22 0.1	59. 1959		
1 0.1	23 0.2	60. 1960		
2 0.1	22 0.1	61. 1961		

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1029	POWER UNIT YEAR	
1	0.1	39	0.3	62. 1962
2	0.1	50	0.3	63. 1963
1	0.1	75	0.5	64. 1964
6	0.4	86	0.6	65. 1965
14	0.9	129	0.9	66. 1966
23	1.5	166	1.1	67. 1967
17	1.1	246	1.6	68. 1968
33	2.2	345	2.3	69. 1969
34	2.3	381	2.5	70. 1970
45	3.0	446	3.0	71. 1971
76	5.1	783	5.2	72. 1972
127	8.5	1156	7.7	73. 1973
121	8.1	1155	7.7	74. 1974
88	5.9	917	6.1	75. 1975
83	5.6	835	5.6	76. 1976
148	9.9	1565	10.4	77. 1977
166	11.1	1837	12.2	78. 1978
257	17.2	2319	15.4	79. 1979
147	9.8	1390	9.3	80. 1980
65	4.4	662	4.4	81. 1981
26	1.7	185	1.2	82. 1982
2	0.1	7	0.0	83. 1983
6	0.4	87	0.6	99. Unknown

---

Variable 1030 POWER UNIT NO. OF AXLES MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	POWER UNIT NO. OF AXLES	
182	12.2	4033 26.9	2. 2 axles
1275	85.3	10331 68.8	3. 3 axles
3	0.2	176 1.2	4. 4 or more axles
34	2.3	478 3.2	9. Unknown

---

Variable 1031 POWER UNIT MAKE MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	POWER UNIT MAKE	
0	0.0	114 0.8	01. Autocar
0	0.0	59 0.4	02. Brockway
0	0.0	879 5.9	03. Chevrolet
0	0.0	106 0.7	04. Diamond Reo

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1031	POWER UNIT MAKE	
0	0.0	101	0.7	05. Dodge
0	0.0	1976	13.2	06. Ford
1494	100.0	1494	9.9	07. Freightliner
0	0.0	1513	10.1	08. GMC
0	0.0	9	0.1	09. Hendrickson
0	0.0	3136	20.9	10. International Harvester
0	0.0	1535	10.2	11. Kenworth
0	0.0	1929	12.8	12. Mack
0	0.0	38	0.3	13. Marmon
0	0.0	1093	7.3	14. Peterbilt
0	0.0	761	5.1	15. White
0	0.0	34	0.2	16. Mercedes Benz
0	0.0	10	0.1	17. Volvo
0	0.0	78	0.5	18. Western Star
0	0.0	93	0.6	97. Other (Survey)
0	0.0	7	0.0	98. Other (BMCS)
0	0.0	53	0.4	99. Unknown

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Variable 1032	<u>POWER UNIT LENGTH</u>	MD1: 999	Field Width: 3
		MD2: None	Type: Numeric

SURVEY cases only

FRTL Prcnt	ALL Prcnt	POWER UNIT LENGTH
0	0.0	13 0.1 012. 12 feet
1	0.1	6 0.0 013. 13 feet
26	1.7	64 0.4 014. 14 feet
38	2.5	132 0.9 015. 15 feet
15	1.0	209 1.4 016. 16 feet
10	0.7	213 1.4 017. 17 feet
22	1.5	630 4.2 018. 18 feet
61	4.1	709 4.7 019. 19 feet
257	17.2	1609 10.7 020. 20 feet
44	2.9	828 5.5 021. 21 feet
25	1.7	836 5.6 022. 22 feet
65	4.4	1081 7.2 023. 23 feet
33	2.2	693 4.6 024. 24 feet
22	1.5	558 3.7 025. 25 feet
14	0.9	380 2.5 026. 26 feet
10	0.7	255 1.7 027. 27 feet
18	1.2	399 2.7 028. 28 feet
8	0.5	118 0.8 029. 29 feet
9	0.6	341 2.3 030. 30 feet
1	0.1	43 0.3 031. 31 feet
3	0.2	97 0.6 032. 32 feet
3	0.2	48 0.3 033. 33 feet
0	0.0	15 0.1 034. 34 feet
2	0.1	85 0.6 035. 35 feet

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL Prcnt		ALL Prcnt		Var 1032	POWER UNIT LENGTH
0	0.0	8	0.1	036.	36 feet
0	0.0	5	0.0	037.	37 feet
0	0.0	9	0.1	038.	38 feet
0	0.0	1	0.0	039.	39 feet
0	0.0	8	0.1	040.	40 feet
0	0.0	1	0.0	041.	41 feet
1	0.1	4	0.0	042.	42 feet
0	0.0	2	0.0	045.	45 feet
0	0.0	1	0.0	048.	48 feet
0	0.0	2	0.0	050.	50 feet
0	0.0	2	0.0	057.	57 feet
0	0.0	1	0.0	085.	85 feet
784	52.5	5201	34.6	998.	Not applicable (BMCS case)
22	1.5	411	2.7	999.	Unknown

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Variable 1033    **STRAIGHT TRUCK CARGO**                    MD1:     99    Field Width:   2  
 MD2:    None    Type:        Numeric

SURVEY cases only

FRTL Prcnt		ALL Prcnt		STRAIGHT TRUCK CARGO
4	0.3	335	2.2	01. General freight
0	0.0	51	0.3	02. Household goods
0	0.0	26	0.2	03. Metal: coils, sheets, etc
1	0.1	98	0.7	04. Heavy machinery
0	0.0	10	0.1	05. Motor vehicles
2	0.1	59	0.4	06. Driveaway/towaway
1	0.1	30	0.2	07. Gases in bulk
2	0.1	866	5.8	08. Solids in bulk
5	0.3	240	1.6	09. Liquids in bulk
0	0.0	1	0.0	10. Explosives
5	0.3	109	0.7	11. Logs/poles/lumber
12	0.8	1147	7.6	12. None (empty)
0	0.0	125	0.8	13. Refrigerated food
0	0.0	0	0.0	14. Mobile home
8	0.5	233	1.6	15. Farm products
0	0.0	67	0.4	16. Other
784	52.5	5201	34.6	97. Not Applicable (BMCS case)
668	44.7	5937	39.5	98. Not applicable (not a straight truck)
2	0.1	483	3.2	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

Variable 1034 STRT. TRUCK HAZ. CARGO MD1: 9 Field Width: 1  
MD2: None Type: Numeric

SURVEY cases only

FRTL Prct		ALL Prct		STRAIGHT TRUCK HAZARDOUS CARGO
5	0.3	178	1.2	1. Hazardous cargo
35	2.3	3230	21.5	2. Non-hazardous cargo
784	52.5	5201	34.6	7. Not applicable (BMCS case)
668	44.7	5937	39.5	8. Not applicable (not a straight truck)
2	0.1	472	3.1	9. Unknown

Variable 1035 STRT. TRUCK CARGO WEIGHT MD1: 999999 Field Width: 6  
MD2: None Type: Numeric

SURVEY cases only

FRTL Prct		ALL Prct		STRAIGHT TRUCK CARGO WEIGHT
12	0.8	1145	7.6	000000.
0	0.0	0	0.0	- . Weight in pounds
784	52.5	5201	34.6	999994.
670	44.8	5962	39.7	999995. Not applicable (BMCS case)
				999996. Not applicable (not a straight truck)
1	0.1	164	1.1	999997. Some Cargo (weight unknown)
1	0.1	37	0.2	999998. Full (weight unknown)
2	0.1	499	3.3	999999. Unknown

Variable 1036 POWER UNIT EMPTY WEIGHT MD1: 999999 Field Width: 6  
MD2: None Type: Numeric

Not coded for 1980 SURVEY cases only

FRTL Prct		ALL Prct		POWER UNIT EMPTY WEIGHT
0	0.0	0	0.0	000000.
0	0.0	0	0.0	- . Weight in pounds
525	35.1	3500	23.3	999997.
527	35.3	5210	34.7	999998. Not applicable (BMCS case)
				999999. Unknown



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

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

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		1ST TRAILER TYPE
1381	92.4	10379	69.1	1. Semi-trailer
46	3.1	230	1.5	2. Full trailer
2	0.1	193	1.3	3. Other
62	4.1	4093	27.3	4. None
3	0.2	123	0.8	9. Unknown

Variable 1038 1ST TRAILER YEAR MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prcnt		ALL Prcnt		1ST TRAILER YEAR
0	0.0	1	0.0	35. 1935
0	0.0	1	0.0	36. 1936
0	0.0	2	0.0	41. 1941
0	0.0	1	0.0	44. 1944
0	0.0	1	0.0	45. 1945
0	0.0	2	0.0	46. 1946
0	0.0	1	0.0	47. 1947
0	0.0	2	0.0	48. 1948
0	0.0	2	0.0	49. 1949
0	0.0	2	0.0	50. 1950
0	0.0	3	0.0	51. 1951
1	0.1	3	0.0	53. 1953
1	0.1	3	0.0	54. 1954
2	0.1	7	0.0	55. 1955
2	0.1	9	0.1	56. 1956
2	0.1	6	0.0	57. 1957
3	0.2	14	0.1	58. 1958
2	0.1	10	0.1	59. 1959
6	0.4	24	0.2	60. 1960
2	0.1	14	0.1	61. 1961
5	0.3	21	0.1	62. 1962
5	0.3	25	0.2	63. 1963
9	0.6	55	0.4	64. 1964
5	0.3	69	0.5	65. 1965
9	0.6	76	0.5	66. 1966
17	1.1	89	0.6	67. 1967
14	0.9	122	0.8	68. 1968
17	1.1	146	1.0	69. 1969
27	1.8	166	1.1	70. 1970
26	1.7	188	1.3	71. 1971
45	3.0	337	2.2	72. 1972

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1038	1ST TRAILER YEAR	
50	3.3	422	2.8	73. 1973
65	4.4	480	3.2	74. 1974
38	2.5	243	1.6	75. 1975
57	3.8	349	2.3	76. 1976
88	5.9	500	3.3	77. 1977
113	7.6	758	5.0	78. 1978
133	8.9	784	5.2	79. 1979
63	4.2	461	3.1	80. 1980
40	2.7	225	1.5	81. 1981
12	0.8	80	0.5	82. 1982
0	0.0	1	0.0	83. 1983
0	0.0	0	0.0	96. Unknown if had 1st trailer
444	29.7	6462	43.0	97. Not applicable (Survey case)
34	2.3	1617	10.8	98. Not applicable (no 1st trailer)
157	10.5	1234	8.2	99. Unknown

Variable 1039 1ST TRAILER NO. OF AXLES MD1: 99 Field Width: 2  
MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	1ST TRAILER NO. OF AXLES	
145	9.7	651 4.3	01. 1 axle
1180	79.0	9102 60.6	02. 2 axles
24	1.6	297 2.0	03. 3 axles
2	0.1	38 0.3	04. 4 or more axles
1	0.1	65 0.4	97. Unknown if had 1st trailer
62	4.1	4093 27.3	98. Not applicable (no 1st trailer)
80	5.4	772 5.1	99. Unknown

Variable 1040 1ST TRAILER BODY MD1: 9 Field Width: 1  
MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	1ST TRAILER BODY	
64	4.3	4161 27.7	0. None or unknown if had 1st trailer
665	44.5	4495 29.9	1. Van
330	22.1	2322 15.5	2. Flat
159	10.6	1187 7.9	3. Tank
1	0.1	90 0.6	4. Auto carrier
16	1.1	307 2.0	6. Dump
0	0.0	0 0.0	7. Dolly
172	11.5	1709 11.4	8. Other
87	5.8	747 5.0	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1041 1ST TRAILER CARGO MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

SURVEY cases only

FRTL Prcnt	ALL Prcnt	1ST TRAILER CARGO	
109 7.3	805 5.4	01.	General freight
4 0.3	27 0.2	02.	Household goods
20 1.3	211 1.4	03.	Metal: coils, sheets, etc
28 1.9	349 2.3	04.	Heavy machinery
0 0.0	15 0.1	05.	Motor vehicles
0 0.0	0 0.0	06.	Driveaway/towaway
3 0.2	27 0.2	07.	Gases in bulk
60 4.0	682 4.5	08.	Solids in bulk
33 2.2	330 2.2	09.	Liquids in bulk
1 0.1	1 0.0	10.	Explosives
38 2.5	351 2.3	11.	Logs/poles/lumber
145 9.7	1583 10.5	12.	None (empty)
60 4.0	349 2.3	13.	Refrigerated food
1 0.1	17 0.1	14.	Mobile home
93 6.2	574 3.8	15.	Farm products
2 0.1	18 0.1	16.	Other
1 0.1	65 0.4	96.	Unknown if had 1st trailer
784 52.5	5201 34.6	97.	Not applicable (BMCS case)
39 2.6	3726 24.8	98.	Not applicable (no 1st trailer)
73 4.9	687 4.6	99.	Unknown

Variable 1042 1ST TRAILER HAZ. CARGO MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

SURVEY cases only

FRTL Prcnt	ALL Prcnt	1ST TRAILER HAZ. CARGO	
31 2.1	245 1.6	1.	Hazardous cargo
564 37.8	5104 34.0	2.	Non-hazardous cargo
1 0.1	65 0.4	6.	Unknown if had 1st trailer
784 52.5	5201 34.6	7.	Not applicable (BMCS case)
39 2.6	3726 24.8	8.	Not applicable (no 1st trailer)
75 5.0	677 4.5	9.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

Variable 1043    1ST TRAILER CARGO WEIGHT    MD1: 999999    Field Width: 6  
MD2: None    Type: Numeric

SURVEY cases only

FRTL Prcnt		ALL Prcnt		1ST TRAILER CARGO WEIGHT
144	9.6	1581	10.5	000000.
0	0.0	0	0.0	- . Weight in pounds
1	0.1	65	0.4	999993.
784	52.5	5201	34.6	999994. Unknown if had 1st trailer
39	2.6	3726	24.8	999995. Not applicable (BMCS case)
21	1.4	207	1.4	999996. Not applicable (no 1st trailer)
10	0.7	93	0.6	999997. Some Cargo (weight unknown)
68	4.6	642	4.3	999998. Full (weight unknown)
				999999. Unknown

Variable 1044    1ST TRAILER EMPTY WEIGHT    MD1: 999999    Field Width: 6  
MD2: None    Type: Numeric

Not coded for 1980 SURVEY cases only

FRTL Prcnt		ALL Prcnt		1ST TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
0	0.0	0	0.0	- . Weight in pounds
1	0.1	65	0.4	999995.
0	0.0	0	0.0	999996. Unknown if had 1st trailer
44	2.9	2722	18.1	999997. Not applicable (BMCS case)
1047	70.1	8507	56.6	999998. Not applicable (no 1st trailer)
				999999. Unknown

Variable 1045    1ST TRAILER LENGTH    MD1: 999    Field Width: 3  
MD2: None    Type: Numeric

SURVEY cases only

FRTL Prcnt		ALL Prcnt		1ST TRAILER LENGTH
0	0.0	8	0.1	005. 5 feet
0	0.0	3	0.0	006. 6 feet
0	0.0	2	0.0	007. 7 feet
0	0.0	8	0.1	008. 8 feet
0	0.0	2	0.0	009. 9 feet
0	0.0	8	0.1	010. 10 feet
0	0.0	3	0.0	011. 11 feet
0	0.0	12	0.1	012. 12 feet
0	0.0	5	0.0	013. 13 feet
0	0.0	9	0.1	014. 14 feet

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL	Prcnt	ALL	Prcnt	Var 1045	1ST TRAILER LENGTH
0	0.0	19	0.1	015.	15 feet
1	0.1	14	0.1	016.	16 feet
1	0.1	6	0.0	017.	17 feet
2	0.1	26	0.2	018.	18 feet
0	0.0	9	0.1	019.	19 feet
6	0.4	80	0.5	020.	20 feet
2	0.1	12	0.1	021.	21 feet
10	0.7	76	0.5	022.	22 feet
4	0.3	21	0.1	023.	23 feet
28	1.9	140	0.9	024.	24 feet
13	0.9	78	0.5	025.	25 feet
12	0.8	86	0.6	026.	26 feet
13	0.9	89	0.6	027.	27 feet
18	1.2	133	0.9	028.	28 feet
1	0.1	19	0.1	029.	29 feet
11	0.7	205	1.4	030.	30 feet
0	0.0	13	0.1	031.	31 feet
8	0.5	104	0.7	032.	32 feet
3	0.2	37	0.2	033.	33 feet
2	0.1	45	0.3	034.	34 feet
10	0.7	172	1.1	035.	35 feet
6	0.4	90	0.6	036.	36 feet
5	0.3	40	0.3	037.	37 feet
13	0.9	173	1.2	038.	38 feet
2	0.1	47	0.3	039.	39 feet
188	12.6	1668	11.1	040.	40 feet
5	0.3	42	0.3	041.	41 feet
70	4.7	558	3.7	042.	42 feet
27	1.8	203	1.4	043.	43 feet
17	1.1	117	0.8	044.	44 feet
92	6.2	707	4.7	045.	45 feet
1	0.1	27	0.2	046.	46 feet
2	0.1	20	0.1	047.	47 feet
7	0.5	28	0.2	048.	48 feet
2	0.1	7	0.0	049.	49 feet
1	0.1	21	0.1	050.	50 feet
0	0.0	5	0.0	052.	52 feet
0	0.0	2	0.0	053.	53 feet
0	0.0	2	0.0	054.	54 feet
1	0.1	10	0.1	055.	55 feet
0	0.0	1	0.0	056.	56 feet
0	0.0	1	0.0	058.	58 feet
0	0.0	2	0.0	060.	60 feet
0	0.0	1	0.0	064.	64 feet
1	0.1	2	0.0	065.	65 feet
0	0.0	4	0.0	070.	70 feet
1	0.1	3	0.0	075.	75 feet
0	0.0	1	0.0	076.	76 feet
1	0.1	1	0.0	090.	90 feet
1	0.1	65	0.4	994.	Unknown if had 1st trailer
784	52.5	5201	34.6	995.	Not applicable (BMCS case)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1045	1ST TRAILER LENGTH
39 2.6	3726 24.8		996. Not applicable (no 1st trailer)
5 0.3	69 0.5		997. Short (estimated under 35 feet)
17 1.1	134 0.9		998. Long (estimated 35 feet and over)
61 4.1	596 4.0		999. Unknown

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Variable 1046 2ND TRAILER TYPE MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	2ND TRAILER TYPE
0 0.0	0 0.0	1. Semi-trailer
148 9.9	456 3.0	2. Full trailer
0 0.0	10 0.1	3. Other
1345 90.0	14520 96.7	4. None
1 0.1	32 0.2	9. Unknown

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Variable 1047 2ND TRAILER YEAR MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prcnt	ALL Prcnt	2ND TRAILER YEAR
0 0.0	1 0.0	35. 1935
0 0.0	1 0.0	41. 1941
1 0.1	1 0.0	47. 1947
0 0.0	1 0.0	50. 1950
2 0.1	3 0.0	56. 1956
0 0.0	1 0.0	57. 1957
0 0.0	1 0.0	58. 1958
1 0.1	3 0.0	59. 1959
1 0.1	1 0.0	62. 1962
0 0.0	1 0.0	63. 1963
2 0.1	4 0.0	64. 1964
0 0.0	7 0.0	65. 1965
3 0.2	5 0.0	66. 1966
1 0.1	7 0.0	67. 1967
3 0.2	7 0.0	68. 1968
2 0.1	6 0.0	69. 1969
2 0.1	12 0.1	70. 1970
5 0.3	12 0.1	71. 1971
5 0.3	13 0.1	72. 1972
7 0.5	14 0.1	73. 1973
10 0.7	25 0.2	74. 1974
4 0.3	19 0.1	75. 1975

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1047	2ND TRAILER YEAR
2 0.1	11 0.1	76.	1976
8 0.5	21 0.1	77.	1977
11 0.7	29 0.2	78.	1978
7 0.5	18 0.1	79.	1979
3 0.2	13 0.1	80.	1980
1 0.1	11 0.1	81.	1981
1 0.1	2 0.0	82.	1982
0 0.0	0 0.0	96.	Unknown if had 2nd trailer
444 29.7	6462 43.0	97.	Not applicable (Survey case)
953 63.8	8255 55.0	98.	Not applicable (no 2nd trailer)
15 1.0	51 0.3	99.	Unknown

Variable 1048 2ND TRAILER NO. OF AXLES MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	2ND TRAILER NO. OF AXLES
17 1.1	40 0.3	01. 1 axle
122 8.2	366 2.4	02. 2 axles
4 0.3	23 0.2	03. 3 axles
0 0.0	11 0.1	04. 4 or more axles
1 0.1	32 0.2	97. Unknown if had 2nd trailer
1345 90.0	14520 96.7	98. Not applicable (no 2nd trailer)
5 0.3	26 0.2	99. Unknown

Variable 1049 2ND TRAILER BODY MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	2ND TRAILER BODY
1346 90.1	14553 96.9	0. None or unknown if had 2nd trailer
65 4.4	178 1.2	1. Van
36 2.4	99 0.7	2. Flat
9 0.6	36 0.2	3. Tank
0 0.0	0 0.0	4. Auto carrier
2 0.1	9 0.1	6. Dump
0 0.0	0 0.0	7. Dolly
27 1.8	108 0.7	8. Other
9 0.6	35 0.2	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

Variable 1050 2ND TRAILER CARGO MD1: 99 Field Width: 2  
MD2: None Type: Numeric

## SURVEY cases only

FRTL Prct		ALL Prct		2ND TRAILER CARGO
13	0.9	28	0.2	01. General freight
0	0.0	0	0.0	02. Household goods
0	0.0	4	0.0	03. Metal: coils, sheets, etc
5	0.3	14	0.1	04. Heavy machinery
0	0.0	0	0.0	05. Motor vehicles
0	0.0	0	0.0	06. Driveaway/towaway
0	0.0	0	0.0	07. Gases in bulk
10	0.7	52	0.3	08. Solids in bulk
2	0.1	6	0.0	09. Liquids in bulk
0	0.0	0	0.0	10. Explosives
2	0.1	5	0.0	11. Logs/poles/lumber
20	1.3	88	0.6	12. None (empty)
0	0.0	0	0.0	13. Refrigerated food
0	0.0	0	0.0	14. Mobile home
21	1.4	47	0.3	15. Farm products
0	0.0	0	0.0	16. Other
1	0.1	32	0.2	96. Unknown if had 2nd trailer
784	52.5	5201	34.6	97. Not applicable (BMCS case)
631	42.2	9526	63.4	98. Not applicable (no 2nd trailer)
5	0.3	15	0.1	99. Unknown

Variable 1051 2ND TRAILER HAZ. CARGO MD1: 9 Field Width: 1  
MD2: None Type: Numeric

## SURVEY cases only

FRTL Prct		ALL Prct		2ND TRAILER HAZ. CARGO
0	0.0	3	0.0	1. Hazardous cargo
73	4.9	240	1.6	2. Non-hazardous cargo
1	0.1	32	0.2	6. Unknown if had 2nd trailer
784	52.5	5201	34.6	7. Not applicable (BMCS case)
631	42.2	9526	63.4	8. Not applicable (no 2nd trailer)
5	0.3	16	0.1	9. Unknown



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1052    2ND TRAILER CARGO WEIGHT    MD1: 999999    Field Width: 6  
 MD2: None    Type: Numeric

SURVEY cases only

FRTL Prctl		ALL Prctl		2ND TRAILER CARGO WEIGHT
20	1.3	88	0.6	000000.
				- . Weight in pounds
0	0.0	0	0.0	999993.
1	0.1	32	0.2	999994. Unknown if had 2nd trailer
784	52.5	5201	34.6	999995. Not applicable (BMCS case)
631	42.2	9526	63.4	999996. Not applicable (no 2nd trailer)
4	0.3	12	0.1	999997. Some Cargo (weight unknown)
1	0.1	5	0.0	999998. Full (weight unknown)
4	0.3	14	0.1	999999. Unknown

Variable 1053    2ND TRAILER EMPTY WEIGHT    MD1: 999999    Field Width: 6  
 MD2: None    Type: Numeric

Not coded for 1980 SURVEY cases only

FRTL Prctl		ALL Prctl		2ND TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
1	0.1	32	0.2	999996. Unknown if had 2nd trailer
0	0.0	0	0.0	999997. Not applicable (BMCS case)
872	58.4	9633	64.1	999998. Not applicable (no 2nd trailer)
570	38.2	5191	34.6	999999. Unknown

Variable 1054    2ND TRAILER LENGTH    MD1: 999    Field Width: 3  
 MD2: None    Type: Numeric

SURVEY cases only

FRTL Prctl		ALL Prctl		2ND TRAILER LENGTH
0	0.0	1	0.0	008. 8 feet
0	0.0	2	0.0	010. 10 feet
0	0.0	1	0.0	011. 11 feet
0	0.0	2	0.0	012. 12 feet
1	0.1	2	0.0	015. 15 feet
3	0.2	4	0.0	016. 16 feet
1	0.1	10	0.1	018. 18 feet
0	0.0	2	0.0	019. 19 feet
3	0.2	15	0.1	020. 20 feet
3	0.2	8	0.1	021. 21 feet

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1054	2ND TRAILER LENGTH	
2	0.1	20	0.1	022. 22 feet
2	0.1	7	0.0	023. 23 feet
21	1.4	71	0.5	024. 24 feet
12	0.8	20	0.1	025. 25 feet
9	0.6	21	0.1	026. 26 feet
7	0.5	28	0.2	027. 27 feet
10	0.7	20	0.1	028. 28 feet
1	0.1	3	0.0	030. 30 feet
1	0.1	2	0.0	035. 35 feet
0	0.0	1	0.0	040. 40 feet
0	0.0	1	0.0	042. 42 feet
0	0.0	1	0.0	048. 48 feet
1	0.1	32	0.2	994. Unknown if had 2nd trailer
784	52.5	5201	34.6	995. Not applicable (BMCS case)
631	42.2	9526	63.4	996. Not applicable (no 2nd trailer)
2	0.1	14	0.1	997. Short (estimated under 35 feet)
0	0.0	0	0.0	998. Long (estimated 35 feet and over)
0	0.0	3	0.0	999. Unknown

Variable 1055     3RD TRAILER TYPE     MD1:       9     Field Width: 1  
    MD2:    None     Type:       Numeric

Both SURVEY and BMCS cases

FRTL Prcnt	ALL Prcnt	3RD TRAILER TYPE		
0	0.0	0	0.0	1. Semi-trailer
1	0.1	4	0.0	2. Full trailer
0	0.0	1	0.0	3. Other
1246	83.4	13333	88.8	4. None
247	16.5	1680	11.2	9. Unknown

Variable 1056     3RD TRAILER NO. OF AXLES     MD1:       99     Field Width: 2  
    MD2:    None     Type:       Numeric

SURVEY cases only

FRTL Prcnt	ALL Prcnt	3RD TRAILER NO. OF AXLES		
0	0.0	1	0.0	01. 1 axle
0	0.0	14	0.1	96. Unknown if had 3rd trailer
784	52.5	5201	34.6	97. Not applicable (BMCS case)
710	47.5	9802	65.3	98. Not applicable (no 3rd trailer)
0	0.0	0	0.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1057 3RD TRAILER BODY MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prct		ALL Prct		3RD TRAILER BODY
1493	99.9	15013	100.0	0. None or unknown if had 3rd trailer
0	0.0	2	0.0	1. Van
0	0.0	0	0.0	2. Flat
0	0.0	0	0.0	3. Tank
0	0.0	0	0.0	4. Auto carrier
0	0.0	0	0.0	6. Dump
0	0.0	0	0.0	7. Dolly
0	0.0	1	0.0	8. Other
1	0.1	2	0.0	9. Unknown

Variable 1058 3RD TRAILER CARGO MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

SURVEY cases only

FRTL Prct		ALL Prct		3RD TRAILER CARGO
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. Metal: coils, sheets, etc
0	0.0	0	0.0	04. Heavy machinery
0	0.0	0	0.0	05. Motor vehicles
0	0.0	0	0.0	06. Driveaway/towaway
0	0.0	0	0.0	07. Gases in bulk
0	0.0	0	0.0	08. Solids in bulk
0	0.0	0	0.0	09. Liquids in bulk
0	0.0	0	0.0	10. Explosives
0	0.0	0	0.0	11. Logs/poles/lumber
0	0.0	1	0.0	12. None (empty)
0	0.0	0	0.0	13. Refrigerated food
0	0.0	0	0.0	14. Mobile home
0	0.0	0	0.0	15. Farm products
0	0.0	0	0.0	16. Other
0	0.0	14	0.1	96. Unknown if had 3rd trailer
784	52.5	5201	34.6	97. Not applicable (BMCS case)
710	47.5	9802	65.3	98. Not applicable (no 3rd trailer)
0	0.0	0	0.0	99. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

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Variable 1059	<u>3RD TRAILER HAZ. CARGO</u>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

---

## SURVEY cases only

FRTL Prctl	ALL Prctl	3RD TRAILER HAZ. CARGO	
0 0.0	0 0.0	1. Hazardous cargo	
0 0.0	1 0.0	2. Non-hazardous cargo	
0 0.0	14 0.1	6. Unknown if had 3rd trailer	
784 52.5	5201 34.6	7. Not applicable (BMCS case)	
710 47.5	9802 65.3	8. Not applicable (no 3rd trailer)	
0 0.0	0 0.0	9. Unknown	

---

Variable 1060	<u>3RD TRAILER CARGO WEIGHT</u>	MD1: 999999	Field Width: 6
		MD2: None	Type: Numeric

---

## SURVEY cases only

FRTL Prctl	ALL Prctl	3RD TRAILER CARGO WEIGHT	
0 0.0	1 0.0	000000.	
		- . Weight in pounds	
0 0.0	0 0.0	999993.	
0 0.0	14 0.1	999994. Unknown if had 3rd trailer	
784 52.5	5201 34.6	999995. Not applicable (BMCS case)	
710 47.5	9802 65.3	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 1061	<u>3RD TRAILER EMPTY WEIGHT</u>	MD1: 999999	Field Width: 6
		MD2: None	Type: Numeric

---

## Not coded for 1980 SURVEY cases only

FRTL Prctl	ALL Prctl	3RD TRAILER EMPTY WEIGHT	
0 0.0	0 0.0	000000.	
		- . Weight in pounds	
0 0.0	0 0.0	999995.	
0 0.0	14 0.1	999996. Unknown if had 3rd trailer	
525 35.1	3500 23.3	999997. Not applicable (BMCS case)	
444 29.7	6448 42.9	999998. Not applicable (no 3rd trailer)	
525 35.1	5056 33.7	999999. Unknown	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1062 3RD TRAILER LENGTH MD1: 999 Field Width: 3  
 MD2: None Type: Numeric

SURVEY cases only

FRTL Prcnt		ALL Prcnt		3RD TRAILER LENGTH
0	0.0	1	0.0	005. 5 feet
0	0.0	14	0.1	994. Unknown if had 3rd trailer
784	52.5	5201	34.6	995. Not applicable (BMCS case)
710	47.5	9802	65.3	996. Not applicable (no 3rd trailer)
0	0.0	0	0.0	997. Short (estimated under 35 feet)
0	0.0	0	0.0	998. Long (estimated 35 feet and over)
0	0.0	0	0.0	999. Unknown

Variable 1063 VEHICLE COMBINATION CODE MD1: 0 Field Width: 2  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		VEHICLE COMBINATION CODE
4	0.3	151	1.0	00. Unknown
19	1.3	3632	24.2	01. Straight truck only
40	2.7	383	2.6	02. Bobtail tractor
45	3.0	226	1.5	03. Straight truck & full trailer
1	0.1	158	1.1	04. Straight truck & other (non-full trailer)
1232	82.5	9917	66.0	05. Tractor & semi-trailer
2	0.1	34	0.2	06. Tractor & other (non-semi trailer)
146	9.8	446	3.0	07. Tractor & semi & full
0	0.0	5	0.0	08. Tractor & semi & other
1	0.1	4	0.0	09. Tractor & 3 trailers
3	0.2	61	0.4	11. Other (i.e., piggybacks, towing vehicles)
1	0.1	1	0.0	13. Straight & full & full

Variable 1064 NO. OF TRAILERS MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		NO. OF TRAILERS
62	4.1	4093	27.3	0. No trailer
1280	85.7	10332	68.8	1. 1 trailer
130	8.7	413	2.8	2. 2 trailers
1	0.1	5	0.0	3. 3 trailers
21	1.4	175	1.2	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

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Variable 1065 TOTAL LENGTH MD1: 999 Field Width: 3  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		TOTAL LENGTH
0	0.0	1	0.0	000.
				- . Length in feet
0	0.0	0	0.0	998.
92	6.2	1059	7.1	999. Unknown

---

Variable 1066 TOTAL WIDTH MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prcnt		ALL Prcnt		TOTAL WIDTH
0	0.0	1	0.0	05. 5 feet
0	0.0	27	0.2	06. 6 feet
12	0.8	269	1.8	07. 7 feet
1254	83.9	11516	76.7	08. 8 feet
6	0.4	57	0.4	09. 9 feet
3	0.2	40	0.3	10. 10 feet
0	0.0	11	0.1	11. 11 feet
4	0.3	37	0.2	12. 12 feet
1	0.1	5	0.0	13. 13 feet
0	0.0	16	0.1	14. 14 feet
0	0.0	1	0.0	15. 15 feet
0	0.0	3	0.0	16. 16 feet
0	0.0	1	0.0	24. 24 feet
0	0.0	3	0.0	25. 25 feet
0	0.0	1	0.0	27. 27 feet
0	0.0	1	0.0	40. 40 feet
214	14.3	3029	20.2	99. Unknown

---

Variable 1067 TOTAL CARGO WEIGHT MD1: 999999 Field Width: 6  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prcnt		ALL Prcnt		TOTAL CARGO WEIGHT
161	10.8	1124	7.5	000000.
				- . Weight in pounds
0	0.0	0	0.0	999997.
710	47.5	9817	65.4	999998. Not applicable (Survey case)
22	1.5	151	1.0	999999. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1068 GROSS WEIGHT MD1: 999999 Field Width: 6  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prct		ALL Prct		GROSS WEIGHT
2	0.1	12	0.1	000000.
				- . Weight in pounds
0	0.0	0	0.0	999998.
125	8.4	1749	11.6	999999. Unknown

Variable 1069 EMPTY COMBINATION WEIGHT MD1: 999999 Field Width: 6  
 MD2: None Type: Numeric

Not coded for 1980 interview cases

FRTL Prct		ALL Prct		EMPTY COMBINATION WEIGHT
1	0.1	12	0.1	000000.
				- . Weight in pounds
266	17.8	3355	22.3	999998.
67	4.5	2894	19.3	999999. Unknown

Variable 1070 FUEL TYPE MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

Both SURVEY and BMCS cases

FRTL Prct		ALL Prct		FUEL TYPE
7	0.5	2171	14.5	1. Gasoline
1423	95.2	11703	77.9	2. Diesel
0	0.0	15	0.1	3. L.P.G.
1	0.1	48	0.3	4. Other
63	4.2	1081	7.2	9. Unknown

Variable 1071 HAZ. MAT. IN CARGO MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prct		ALL Prct		HAZ. MAT. IN CARGO
67	4.5	416	2.8	1. Hazardous cargo
717	48.0	4777	31.8	2. Non-hazardous cargo
710	47.5	9817	65.4	8. Not applicable (Survey case)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt	ALL Prcnt	Var 1071	HAZ. MAT. IN CARGO
0 0.0	8 0.1	9. Unknown	

---

Variable 1072	<b>DRIVER KILLED</b>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

## BMCS cases only

FRTL Prcnt	ALL Prcnt	DRIVER KILLED
193 12.9	1069 7.1	1. Yes
591 39.6	4130 27.5	2. No
710 47.5	9817 65.4	8. Not applicable (Survey case)
0 0.0	2 0.0	9. Unknown

---

Variable 1073	<b>DRIVER INJURED</b>	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

## BMCS cases only

FRTL Prcnt	ALL Prcnt	DRIVER INJURED
188 12.6	1327 8.8	1. Yes
590 39.5	3849 25.6	2. No
710 47.5	9817 65.4	8. Not applicable (Survey case)
6 0.4	25 0.2	9. Unknown

---

Variable 1074	<b>TOTAL KILLED IN VEHICLE</b>	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

## BMCS cases only

FRTL Prcnt	ALL Prcnt	TOTAL KILLED IN VEHICLE
568 38.0	4008 26.7	00. 0 killed
191 12.8	1076 7.2	01. 1 killed
25 1.7	109 0.7	02. 2 killed
0 0.0	5 0.0	03. 3 killed
0 0.0	3 0.0	04. 4 killed
710 47.5	9817 65.4	98. Not applicable (Survey case)
0 0.0	0 0.0	99. Unknown



TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

Variable 1075 TOTAL INJURED IN VEHICLE MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prct	ALL Prct	TOTAL INJURED IN VEHICLE		
566 37.9	3730 24.8	00.	0	injured
183 12.2	1295 8.6	01.	1	injured
33 2.2	164 1.1	02.	2	injured
2 0.1	7 0.0	03.	3	injured
0 0.0	4 0.0	04.	4	injured
0 0.0	1 0.0	05.	5	injured
710 47.5	9817 65.4	98.	Not applicable (Survey case)	
0 0.0	0 0.0	99.	Unknown	

Variable 1076 TOTAL KILLED IN ACCIDENT MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prct	ALL Prct	TOTAL KILLED IN ACCIDENT		
622 41.6	4262 28.4	01.	1	killed
129 8.6	704 4.7	02.	2	killed
22 1.5	146 1.0	03.	3	killed
7 0.5	56 0.4	04.	4	killed
3 0.2	17 0.1	05.	5	killed
0 0.0	7 0.0	06.	6	killed
0 0.0	4 0.0	07.	7	killed
1 0.1	2 0.0	08.	8	killed
0 0.0	1 0.0	09.	9	killed
0 0.0	2 0.0	11.	11	killed
710 47.5	9817 65.4	98.	Not applicable (Survey case)	
0 0.0	0 0.0	99.	Unknown	

Variable 1077 TOT. INJURED IN ACCIDENT MD1: 99 Field Width: 2  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prct	ALL Prct	TOT. INJURED IN ACCIDENT		
424 28.4	2804 18.7	00.	0	injured
197 13.2	1303 8.7	01.	1	injured
88 5.9	589 3.9	02.	2	injured
37 2.5	257 1.7	03.	3	injured
15 1.0	120 0.8	04.	4	injured
12 0.8	49 0.3	05.	5	injured

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt		ALL Prcnt		Var 1077	TOT. INJURED IN ACCIDENT
4	0.3	32	0.2	06.	6 injured
1	0.1	13	0.1	07.	7 injured
1	0.1	7	0.0	08.	8 injured
2	0.1	4	0.0	09.	9 injured
1	0.1	5	0.0	10.	10 injured
0	0.0	4	0.0	11.	11 injured
0	0.0	1	0.0	12.	12 injured
1	0.1	3	0.0	13.	13 injured
0	0.0	1	0.0	15.	15 injured
0	0.0	2	0.0	16.	16 injured
0	0.0	1	0.0	17.	17 injured
0	0.0	2	0.0	19.	19 injured
1	0.1	1	0.0	20.	20 injured
0	0.0	1	0.0	27.	27 injured
0	0.0	1	0.0	31.	31 injured
0	0.0	1	0.0	36.	36 injured
710	47.5	9817	65.4	98.	Not applicable (Survey case)
0	0.0	0	0.0	99.	Unknown

---

Variable 1078 WEATHER MD1: 9 Field Width: 1  
MD2: None Type: Numeric

## BMCS cases only

FRTL Prcnt		ALL Prcnt		WEATHER
77	5.2	536	3.6	1. Rain
551	36.9	3688	24.6	2. Clear
30	2.0	166	1.1	3. Snow
29	1.9	163	1.1	4. Fog/smog
75	5.0	482	3.2	5. Cloudy/overcast
3	0.2	25	0.2	6. Sleet
10	0.7	48	0.3	7. Other
710	47.5	9817	65.4	8. Not applicable (Survey case)
9	0.6	93	0.6	9. Unknown

---

Variable 1079 LIGHT CONDITION MD1: 9 Field Width: 1  
MD2: None Type: Numeric

## BMCS cases only

FRTL Prcnt		ALL Prcnt		LIGHT CONDITION
310	20.7	2328	15.5	1. Daylight
27	1.8	172	1.1	2. Artificial lights
29	1.9	227	1.5	3. Dawn
0	0.0	8	0.1	4. Other

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
 BMCS and SURVEY VARIABLES

FRTL Prctl	ALL Prctl	Var 1079	LIGHT CONDITION
27 1.8	175 1.2	5.	Dusk
379 25.4	2211 14.7	6.	Dark
710 47.5	9817 65.4	8.	Not applicable (Survey case)
12 0.8	80 0.5	9.	Unknown

---

Variable 1080 ROAD SURFACE CONDITION MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prctl	ALL Prctl	ROAD SURFACE CONDITION
614 41.1	4035 26.9	1. Dry
119 8.0	783 5.2	2. Wet
12 0.8	103 0.7	3. Snowy
24 1.6	169 1.1	4. Icy
1 0.1	17 0.1	5. Other
710 47.5	9817 65.4	8. Not applicable (Survey case)
14 0.9	94 0.6	9. Unknown

---

Variable 1081 NUMBER OF LANES MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prctl	ALL Prctl	NUMBER OF LANES
16 1.1	79 0.5	1. 1 lane
345 23.1	2592 17.3	2. 2 lanes
27 1.8	207 1.4	3. 3 lanes
386 25.8	2248 15.0	4. 4 or more lanes
710 47.5	9817 65.4	8. Not applicable (Survey case)
10 0.7	75 0.5	9. Unknown

---

Variable 1082 HIGHWAY TYPE MD1: 9 Field Width: 1  
 MD2: None Type: Numeric

BMCS cases only

FRTL Prctl	ALL Prctl	HIGHWAY TYPE
406 27.2	2321 15.5	1. Divided
363 24.3	2778 18.5	2. Undivded
710 47.5	9817 65.4	8. Not applicable (Survey case)
15 1.0	102 0.7	9. Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

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Variable 1083	CARGO (BMCS)	MD1: 99	Field Width: 2
		MD2: None	Type: Numeric

---

BMCS cases only

FRTL Prct	ALL Prct	CARGO (BMCS)		
196	13.1	1288	8.6	01. General freight
9	0.6	119	0.8	02. Household goods
49	3.3	314	2.1	03. Metal: coils, sheets, etc
17	1.1	134	0.9	04. Heavy machinery
1	0.1	49	0.3	05. Motor vehicles
2	0.1	4	0.0	06. Driveaway/towaway
6	0.4	40	0.3	07. Gases in bulk
26	1.7	192	1.3	08. Solids in bulk
56	3.7	368	2.5	09. Liquids in bulk
3	0.2	11	0.1	10. Explosives
28	1.9	142	0.9	11. Logs/poles/lumber
170	11.4	1193	7.9	12. None (empty)
75	5.0	425	2.8	13. Refrigerated food
0	0.0	13	0.1	14. Mobile home
34	2.3	181	1.2	15. Farm products
110	7.4	705	4.7	16. Other
710	47.5	9817	65.4	98. Not applicable (Survey case)
2	0.1	23	0.2	99. Unknown

---

Variable 1084	INTERVIEW STATUS	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

---

Both SURVEY and BMCS cases

FRTL Prct	ALL Prct	INTERVIEW STATUS		
600	40.2	8365	55.7	1. Completed
16	1.1	260	1.7	2. Refusal
37	2.5	440	2.9	3. Partial
58	3.9	753	5.0	4. Unable to contact
783	52.4	5200	34.6	9. No interview

---

Variable 1085	SOURCE OF INFORMATION	MD1: 9	Field Width: 1
		MD2: None	Type: Numeric

---

Both SURVEY and BMCS cases

FRTL Prct	ALL Prct	SOURCE OF INFORMATION		
85	5.7	1094	7.3	1. Police report
520	34.8	7291	48.5	2. Interview
42	2.8	421	2.8	3. Both police and interview (1980 cases only)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES

FRTL Prcnt		ALL Prcnt		Var 1085	SOURCE OF INFORMATION
784	52.5	5201	34.6		4. Match with BMCS
63	4.2	991	6.6		5. Mail Survey
0	0.0	20	0.1		9. None

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-82  
BMCS and SURVEY VARIABLES