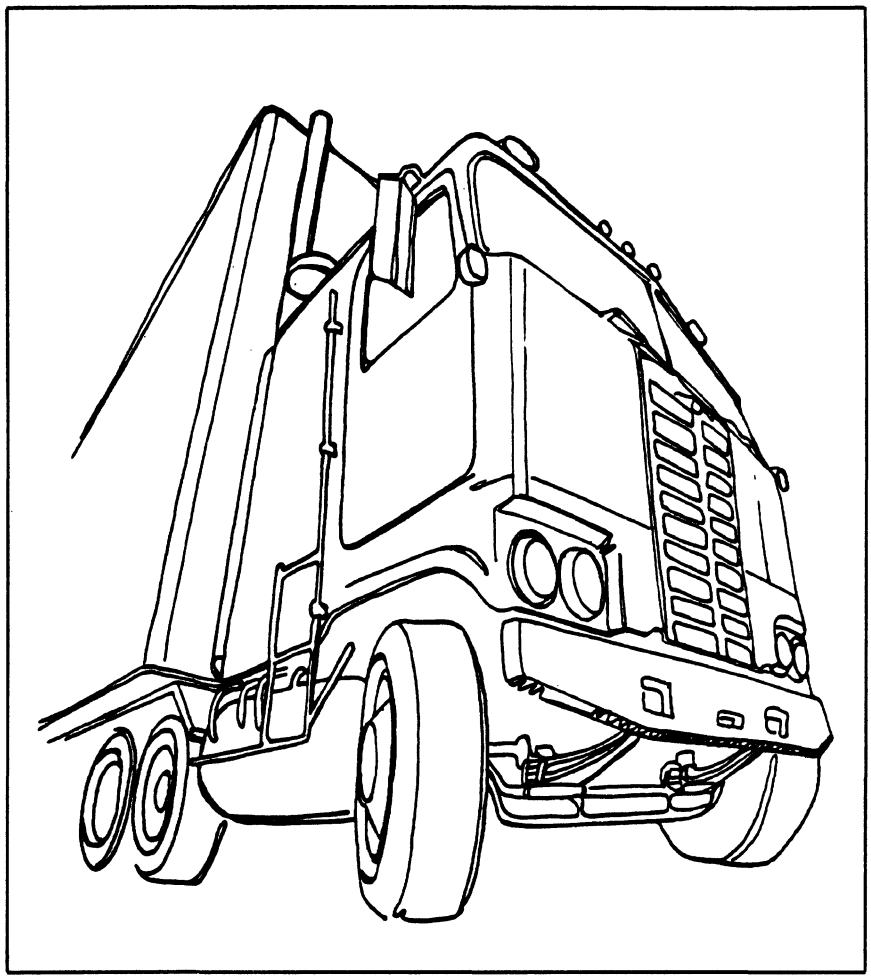
UMTRI-87-38

Trucks Involved in Fatal Accidents, 1980–84, by Power Unit Type

UMTRI TRUCK STUDY



OLIVER CARSTEN
LESLIE C. PETTIS

UMTRI The University of Michigan Transportation Research Institute

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(Version July 21, 1987)

Oliver Carsten

Leslie C. Pettis

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August 1987

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16. Abstract

This report provides one-way frequencies for all the variables in UMTRI's file of Trucks Involved in Fatal Accidents, 1980-84, with separate frequencies for straight trucks and tractors. This file combines the coverage of the FARS data with the detail of the BMCS data. Where no BMCS report could be found for a medium or heavy truck listed by FARS, UMTRI conducted a survey, by telephone interview or by mail, to obtain the desired information.

Overall, a total of 5,056 medium and heavy trucks were involved in fatal accidents in 1980, 5,244 in 1981, 4,719 in 1982, 4,944 in 1983, and 5,315 in 1984. The 25,278 vehicles found to be medium and heavy trucks were divided into 6,715 straight trucks and 18,119 tractors.

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EXECUTIVE SUMMARY

The UMTRI dataset of Trucks Involved in Fatal Accidents, 1980-84, provides detailed descriptions of all medium and heavy (i.e., with a gross vehicle weight rating greater than 10,000 pounds) trucks involved in a fatal accident in the continental United States, excluding Alaska, during calendar years 1980 through 1984. 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, 4,719 in 1982, 4,944 in 1983 and 5,315 in 1984. Thus the number of involvements rose by 3.7 percent from 1980 to 1981, fell by 10.0 percent from 1981 to 1982, rose by 4.8 percent from 1982 to 1983, and rose by 7.5 percent from 1983 to 1984. 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 6,715 cases, or 26.6 percent, of the 25,278 medium and heavy trucks involved in fatal accidents during the five years, and that 18,119 power units, or 71.6 percent, were tractors. A determination could not be made for 444 trucks, or 1.8 percent. The straight trucks were further divided into 6,017 trucks with no trailer (23.8 percent of <u>all</u> the medium and heavy trucks), 366 (1.4 percent) with a full trailer, 245 (1.0 percent) with some other kind of trailer, 6 (0.0 percent) with two full trailers, and 81 (0.3 percent) with other or unknown configurations. The tractors were divided into 622 (2.5 percent of the total) bobtails, 16,461 (65.1 percent) tractors with a semi-trailer, 815 (3.2 percent) with a semi- and a full trailer, 12 (0.1 percent) with a semi- and an other trailer, 4 (0.0 percent) with three trailers, 58 (0.2 percent) with a single, non-semi-trailer, and 147 (0.6 percent) other or unknown.

The type of company operating the vehicle was also ascertained: 16,909 or 66.9 percent, of the involved medium and heavy trucks were found to be operated by interstate carriers, and 5,864 trucks, or 23.2 percent, by intrastate-only carriers. The rest, 2,505, or 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 12,395, or 49.0 percent, of the involved vehicles, private carriers for 10,583, or 41.9 percent. ICC authorized carriers were operating 9,328 or 36.9 percent of the involved vehicles.

INTRODUCTION

Overview

This report documents the July 21, 1987, version of the Trucks Involved in Fatal Accidents, 1980-84, dataset. The report summarizes all the information in the computerized data file. This file describes all medium and heavy trucks that were involved in fatal accidents in the continental United States, excluding Alaska, during calendar years 1980 through 1984. 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 Fatal Accident Reporting System (FARS) files for 1980 through 1984 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

Frequencies and percentage distributions are given for all the numeric variables in the file. The first two columns are for vehicles where the power unit was a straight truck, with the heading "STRT" for the frequency column. The second two columns are for vehicles where the power unit was a tractor, with the heading "TRAC" for the frequency column. This provides for easy comparison between distributions for straight trucks and tractors. The straight truck subset was obtained by filtering on variable 1026, code 1. The tractor subset was obtained by filtering on variable 1026, code 8. Variable 1026 is the power unit type.

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, 4,719 from 1982, 4,944 for 1983 and 5,315 for 1984. 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 five-year data file represents the 1980 through 1984 data as of July 17, 1987.

The dataset includes virtually all the variables from the public version of the 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.

In addition to the variables from FARS (variables 1 through 326), there is a set of variables (numbers 1001 through 1085) that provide a more detailed description of the vehicle and its cargo than is supplied to the Bureau of Motor Carrier Safety (BMCS) by interstate carriers of goods. Such carriers were 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, and "Body Type." This last divides medium and heavy trucks into straight trucks (with three weight categories and an "unknown" weight category), tractors and various kinds of unknown-type trucks. Another variable, "Vehicle Trailering," indicates whether the truck was pulling any trailers, and, if so, whether it was pulling a single trailer or two or more trailers. However, 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. All provided 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. 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 using a different set of match variables). 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 10,587 BMCS cases for fatal accidents. Each of these could in theory be matched with one of the 26,596 FARS cases in the original subset.[1] The results of the matching procedures are shown in the table below. Overall over 80 percent of the BMCS fatal subset were matched, but this meant completion of only 32 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	26,596	6,465	24.3	2,064	7.8	8,529	32.1
BMCS	10,587	6,465	61.1	2,064	19.5	8,529	80.6

A system of data collection was set up to handle the remaining 68 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.

Interviews were completed for 13,948 of the 18,067 FARS cases not matched with BMCS, or 77.2 percent. Another 1,318 cases or 7.3 percent were determined to be "non-sample." Mailed out survey forms were completed and returned for 1,204 cases or 6.7 percent. The remaining 1,341 cases or 7.4 percent were coded from the police accident report. There were 256 cases or 1.4 percent for which no report was available.

[1]The final dataset has 25,278 cases, because 1,318 were deleted as "non-sample."

The combination of telephone interviews, mailings, and coding from police accident reports produced a completion rate of 87.4 percent (15,799 cases) for the survey cases. Only 263 cases or 1.5 percent ended in refusal, and the remaining 2,005 cases, or 11.1 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 (8,529) yields an overall completion rate of 91.5 percent.

Number of Cases

In all five 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. Firetrucks were excluded from the selection. The total number of FARS vehicles selected for follow-up was 5,431 for 1980, 5,579 for 1981, 4,877 for 1982, 5,158 for 1983 and 5,551 for 1984. The total for the five years combined was 26,596.

The July 17, 1987, version of the 1980 through 1984 FARS file has 26,596 vehicles (excluding firetrucks) involved in fatal accidents in the continental United States, excluding Alaska, with a Body Type code of 70 through 78, a medium or heavy truck defined either by Body Type code or by the code returned by decoding the VIN. 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 greater than 10,001 and less than 19,500 pounds (Body Type 70) 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, 1,318 vehicles, mostly light trucks, were deleted from the file as non-sample vehicles. This left a total of 25,278 valid cases. Each distribution in this report sums to these 25,278 cases.[2]

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[2]Variables 43, 137, and 223 are multiple response variables. For these variables, the tabulated frequencies sum to 25,278 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 1984 BMCS file 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. But, this report does not present either analysis or interpretation of the data.

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 Statistical Research Group 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 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, 1980-84
FARS ACCIDENT VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
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		9
23	RELATION TO JUNCTION	1	Numeric		9
24	RELATION TO ROADWAY	1	Numeric		9
25	TRAFFICWAY FLOW	1	Numeric		10
26	NO OF TRAVEL LANES	1	Numeric		10
27	SPEED LIMIT	2	Numeric		11

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS ACCIDENT VARIABLES

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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
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		26
121	REGISTRATION STATE	2	Numeric		26
122	ROLLOVER	1	Numeric		27
123	JACKKNIFE	1	Numeric		27
124	TRAVEL SPEED	2	Numeric		28
125	HAZARDOUS CARGO	1.	Numeric		28
126	VEHICLE TRAILERING	1	Numeric		28
127	SPECIAL USE	1	Numeric		29
128	EMERGENCY USE	1	Numeric		29
129	IMPACT POINT - INITIAL	2	Numeric		29
130	IMPACT POINT - PRINCIPAL	2	Numeric		30
131	EXTENT OF DEFORMATION	1	Numeric		30
132	VEHICLE ROLE	1	Numeric		31
133	MANNER OF LEAVING SCENE	1	Numeric		31
134	FIRE OCCURRENCE	1	Numeric		31
135	NO OF OCCUPANTS	2	Numeric		31
136	NO OF DEATHS IN VEH	2	Numeric		32
137	VEHICLE RELATED FACTORS	2	Numeric	2	32
138	VEHICLE MANEUVER	2	Numeric		33
139	MOST HARMFUL EVENT	2	Numeric		33

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
145	VIN TRUCK FUEL CODE	1	Numeric		35
146	VIN TRUCK WEIGHT CODE	1	Numeric		35
147	VIN TRUCK SERIES	3	Alpha		36
149	LENGTH OF VIN	2	Numeric		36
150	NO OF UNINJURED IN VEH	2	Numeric		36
151	NO OF C-INJURED IN VEH	2	Numeric		37
152	NO OF B-INJURED IN VEH	2	Numeric		37
153	NO OF A-INJURED IN VEH	2	Numeric		37
154	NO OF K-INJURED IN VEH	2	Numeric		37
155	NO OF UNK INJURED IN VEH	2	Numeric		38
206	DRIVER PRESENCE	1	Numeric		39
207	DRIVER DRINKING	1	Numeric		39
208	LICENSE STATE	2	Numeric		39
209	LICENSE CLASS COMPLIANCE	1	Numeric		40
210	LICENSE STATUS	1	Numeric		41
211	LICENSE RESTRICTIONS MET	1	Numeric		41
212	DRIVER TRAINING	1	Numeric		41
213	VIOLATIONS CHARGED	1	Numeric		42
214	NO OF PREV ACCIDENTS	2	Numeric		42
215	NO OF PREV SUSPENSIONS	2	Numeric		42
216	NO OF PREV DWI CONVICTNS	2	Numeric		43
217	NO OF PREV SPEEDING CONV	2	Numeric		43
218	NO OF PREV OTHER MV CONV	2	Numeric		44
219	LAST ACC/SUSPNSN - MONTH	2	Numeric		44
220	LAST ACC/SUSPNSN - YEAR	2	Numeric		45

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS VEHICLE VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
221	1ST ACC/SUSPENSN - MONTH	2	Numeric		45
222	1ST ACC/SUSPENSN - YEAR	2	Numeric		45
223	DRIVER RELATED FACTORS	2	Numeric	3	46

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS PERSON VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
305	PERSON NUMBER	2	Numeric		51
307	PERSON AGE	2	Numeric		51
308	PERSON SEX	1	Numeric		51
309	PERSON TYPE	1	Numeric		52
310	SEATING POSITION	2	Numeric		52
311	MANUAL RESTRAINT SYS	1	Numeric		52
312	AUTOMATIC RESTRAINT SYS	1	Numeric		52
314	EJECTION	1	Numeric		53
315	EXTRICATION	1	Numeric		53
316	ALCOHOL INVOLVEMENT	1	Numeric		53
317	ALCOHOL TEST RESULT	2	Numeric		53
318	INJURY SEVERITY	1	Numeric		54
319	TAKEN TO HOSPITAL	1	Numeric		54
320	DEATH DATE - MONTH	2	Numeric		54
321	DEATH DATE - DAY	2	Numeric		55
322	DEATH DATE - YEAR	2	Numeric		55
323	DEATH TIME - HOURS	2	Numeric		55
324	DEATH TIME - MINUTES	2	Numeric		56
325	LAG TIME ACC/DEATH - HRS	3	Numeric		56
326	LAG TIME ACC/DEATH - MIN	2	Numeric		56

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
BMCS and SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1001	BMCS ID	5	Numeric		57
1002	STATE OF CARRIER	2	Numeric		57
1003	AREA OF OPERATION	1	Numeric		58
1004	OPERATING AUTHORITY	1	Numeric		59
1005	CARRIER TYPE	1	Numeric		59
1006	OWNER OPERATOR	1	Numeric		59
1007	TRIP TYPE	1	Numeric		60
1009	DISTRICT TYPE	1	Numeric		60
1010	MONTH	2	Numeric		60
1011	DAY	2	Numeric		61
1012	HOUR	2	Numeric		61
1013	MINUTE	2	Numeric		62
1014	ACCIDENT TYPE	1	Numeric		62
1015	OTHER OBJECT INVOLVED	2	Numeric		62
1016	VEHICLE #1 ACTION	2	Numeric		63
1017	VEHICLE #2 ACTION	2	Numeric		63
1018	VEHICLE #3 ACTION	2	Numeric		64
1019	PRIMARY EVENT	1	Numeric		65
1020	ASSOC. ACCIDENT EVENT	1	Numeric		65
1021	DRIVER AGE	2	Numeric		65
1022	YEARS DRIVER EMPLOYED	2	Numeric		67
1023	HOURS DRIVING	2	Numeric		68
1024	SCHEDULED HOURS	2	Numeric		69
1025	DRIVER CONDITION	1	Numeric		69
1026	POWER UNIT TYPE	1	Numeric		70

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
BMCS and SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1027	STRT. TRUCK BODY STYLE	1	Numeric		70
1028	CAB STYLE	1	Numeric		70
1029	POWER UNIT YEAR	2	Numeric		70
1030	POWER UNIT NO. OF AXLES	1	Numeric		71
1031	POWER UNIT MAKE	2	Numeric		72
1032	POWER UNIT LENGTH	3	Numeric		72
1033	STRAIGHT TRUCK CARGO	2	Numeric		73
1034	STRT. TRUCK HAZ. CARGO	1	Numeric		74
1035	STRT. TRUCK CARGO WEIGHT	6	Numeric		74
1036	POWER UNIT EMPTY WEIGHT	6	Numeric		75
1037	1ST TRAILER TYPE	1	Numeric		75
1038	1ST TRAILER YEAR	2	Numeric		75
1039	1ST TRAILER NO. OF AXLES	2	Numeric		76
1040	1ST TRAILER BODY	1	Numeric		77
1041	1ST TRAILER CARGO	2	Numeric		77
1042	1ST TRAILER HAZ. CARGO	1	Numeric		78
1043	1ST TRAILER CARGO WEIGHT	6	Numeric		78
1044	1ST TRAILER EMPTY WEIGHT	6	Numeric		78
1045	1ST TRAILER LENGTH	3	Numeric		79
1046	2ND TRAILER TYPE	1	Numeric		80
1047	2ND TRAILER YEAR	2	Numeric		81
1048	2ND TRAILER NO. OF AXLES	2	Numeric		82
1049	2ND TRAILER BODY	1	Numeric		82
1050	2ND TRAILER CARGO	2	Numeric		82
1051	2ND TRAILER HAZ. CARGO	1	Numeric		83

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
BMCS and SURVEY VARIABLES

Variable Number	Variable Name	Field Width	Character Type	Mult Resp	Page Number
1052	2ND TRAILER CARGO WEIGHT	6	Numeric		83
1053	2ND TRAILER EMPTY WEIGHT	6	Numeric		84
1054	2ND TRAILER LENGTH	3	Numeric		84
1055	3RD TRAILER TYPE	1	Numeric		85
1056	3RD TRAILER NO. OF AXLES	2	Numeric		85
1057	3RD TRAILER BODY	1	Numeric		85
1058	3RD TRAILER CARGO	2	Numeric		86
1059	3RD TRAILER HAZ. CARGO	1	Numeric		86
1060	3RD TRAILER CARGO WEIGHT	6	Numeric		87
1061	3RD TRAILER EMPTY WEIGHT	6	Numeric		87
1062	3RD TRAILER LENGTH	3	Numeric		87
1063	VEHICLE COMBINATION CODE	2	Numeric		88
1064	NO. OF TRAILERS	1	Numeric		88
1065	TOTAL LENGTH	3	Numeric		88
1066	TOTAL WIDTH	2	Numeric		89
1067	TOTAL CARGO WEIGHT	6	Numeric		89
1068	GROSS WEIGHT	6	Numeric		90
1069	EMPTY COMBINATION WEIGHT	6	Numeric		90
1070	FUEL TYPE	1	Numeric		90
1071	HAZ. MAT. IN CARGO	1	Numeric		90
1072	DRIVER KILLED	1	Numeric		91
1073	DRIVER INJURED	1	Numeric		91
1074	TOTAL KILLED IN VEHICLE	2	Numeric		91
1075	TOTAL INJURED IN VEHICLE	2	Numeric		92
1076	TOTAL KILLED IN ACCIDENT	2	Numeric		92

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
BMCS and SURVEY VARIABLES

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

STRT	Prcnt	TRAC	Prcnt	CASE STATE
137	2.0	470	2.6	01. Alabama
0	0.0	0	0.0	02. Alaska
73	1.1	222	1.2	04. Arizona
82	1.2	371	2.0	05. Arkansas
531	7.9	1420	7.8	06. California
82	1.2	240	1.3	08. Colorado
77	1.1	143	0.8	09. Connecticut
20	0.3	64	0.4	10. Delaware
4	0.1	2	0.0	11. District of Columbia
399	5.9	974	5.4	12. Florida
233	3.5	667	3.7	13. Georgia
0	0.0	0	0.0	15. Hawaii
62	0.9	120	0.7	16. Idaho
225	3.4	613	3.4	17. Illinois
128	1.9	605	3.3	18. Indiana
110	1.6	321	1.8	19. Iowa
122	1.8	298	1.6	20. Kansas
165	2.5	322	1.8	21. Kentucky
165	2.5	551	3.0	22. Louisiana
33	0.5	64	0.4	23. Maine
113	1.7	238	1.3	24. Maryland
48	0.7	104	0.6	25. Massachusetts
166	2.5	440	2.4	26. Michigan
115	1.7	248	1.4	27. Minnesota
75	1.1	312	1.7	28. Mississippi
161	2.4	439	2.4	29. Missouri
35	0.5	156	0.9	30. Montana
75	1.1	202	1.1	31. Nebraska
28	0.4	79	0.4	32. Nevada
31	0.5	36	0.2	33. New Hampshire
171	2.5	338	1.9	34. New Jersey
50	0.7	265	1.5	35. New Mexico
467	7.0	514	2.8	36. New York
203	3.0	572	3.2	37. North Carolina
39	0.6	57	0.3	38. North Dakota
232	3.5	717	4.0	39. Ohio
157	2.3	555	3.1	40. Oklahoma
97	1.4	222	1.2	41. Oregon
303	4.5	903	5.0	42. Pennsylvania

STRT	Prcnt	TRAC	Prcnt	Var 1 CASE STATE
0	0.0	0	0.0	43. Puerto Rico
6	0.1	12	0.1	44. Rhode Island
113	1.7	314	1.7	45. South Carolina
38	0.6	93	0.5	46. South Dakota
167	2.5	428	2.4	47. Tennessee
577	8.6	2055	11.3	48. Texas
63	0.9	163	0.9	49. Utah
11	0.2	28	0.2	50. Vermont
157	2.3	364	2.0	51. Virginia
109	1.6	193	1.1	53. Washington
86	1.3	171	0.9	54. West Virginia
134	2.0	306	1.7	55. Wisconsin
40	0.6	128	0.7	56. Wyoming

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

STRT	Prcnt	TRAC	Prcnt	CASE NUMBER ASSIGNED WITHIN STATES
9	0.1	15	0.1	0001.
				- . Case number
0	0.0	0	0.0	9999.

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

STRT	Prcnt	TRAC	Prcnt	CITY -GSA GEOGRAPHIC LOCATION CODE
3932	58.6	12398	68.4	0000. Not applicable
0	0.0	1	0.0	0001.
				- . GSA code
0	0.0	0	0.0	9996.
88	1.3	219	1.2	9997. Other
2	0.0	9	0.0	9999. Unknown

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

STRT	Prcnt	TRAC	Prcnt	COUNTY -GSA GEOGRAPHIC LOCATION CODE
134	2.0	315	1.7	001.
				- . GSA code
0	0.0	0	0.0	996.
0	0.0	0	0.0	997. Other
1	0.0	0	0.0	999. Unknown

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

STRT	Prcnt	TRAC	Prcnt	ACCIDENT DATE - MONTH
460	6.9	1408	7.8	01. January
469	7.0	1350	7.5	02. February
435	6.5	1421	7.8	03. March
476	7.1	1335	7.4	04. April
515	7.7	1411	7.8	05. May
636	9.5	1537	8.5	06. June
663	9.9	1439	7.9	07. July
648	9.7	1717	9.5	08. August
647	9.6	1601	8.8	09. September
682	10.2	1714	9.5	10. October
578	8.6	1565	8.6	11. November
506	7.5	1621	8.9	12. December

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

STRT	Prcnt	TRAC	Prcnt	ACCIDENT DATE - DAY
196	2.9	597	3.3	01.
				- . Day of month
115	1.7	317	1.7	31.

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

STRT	Prcnt	TRAC	Prcnt	ACCIDENT DATE - YEAR
1353	20.1	3647	20.1	80. 1980
1443	21.5	3765	20.8	81. 1981
1265	18.8	3435	19.0	82. 1982
1310	19.5	3598	19.9	83. 1983
1344	20.0	3674	20.3	84. 1984

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

STRT	Prcnt	TRAC	Prcnt	ACCIDENT TIME - HOUR
88	1.3	712	3.9	00. 12:01 am - 12:59 am
99	1.5	756	4.2	01. 1:00 am - 1:59 am
83	1.2	805	4.4	02. 2:00 am - 2:59 am
66	1.0	675	3.7	03. 3:00 am - 3:59 am

STRT	Prcnt	TRAC	Prcnt	Var 10	ACCIDENT TIME - HOUR
87	1.3	638	3.5	04.	4:00 am - 4:59 am
122	1.8	679	3.7	05.	5:00 am - 5:59 am
211	3.1	748	4.1	06.	6:00 am - 6:59 am
325	4.8	706	3.9	07.	7:00 am - 7:59 am
368	5.5	669	3.7	08.	8:00 am - 8:59 am
424	6.3	730	4.0	09.	9:00 am - 9:59 am
500	7.4	793	4.4	10.	10:00 am - 10:59 am
499	7.4	801	4.4	11.	11:00 am - 11:59 am
477	7.1	796	4.4	12.	12:00 pm - 12:59 pm
518	7.7	840	4.6	13.	1:00 pm - 1:59 pm
614	9.1	946	5.2	14.	2:00 pm - 2:59 pm
558	8.3	984	5.4	15.	3:00 pm - 3:59 pm
478	7.1	824	4.5	16.	4:00 pm - 4:59 pm
318	4.7	790	4.4	17.	5:00 pm - 5:59 pm
230	3.4	721	4.0	18.	6:00 pm - 6:59 pm
173	2.6	636	3.5	19.	7:00 pm - 7:59 pm
123	1.8	660	3.6	20.	8:00 pm - 8:59 pm
131	2.0	656	3.6	21.	9:00 pm - 9:59 pm
103	1.5	737	4.1	22.	10:00 pm - 10:59 pm
101	1.5	780	4.3	23.	11:00 pm - 11:59 pm
12	0.2	21	0.1	24.	12:00 midnight
7	0.1	16	0.1	99.	Unknown

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

STRT	Prcnt	TRAC	Prcnt	ACCIDENT TIME - MINUTE
727	10.8	2220	12.3	00.
				- . Minute
26	0.4	45	0.2	59.
182	2.7	560	3.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF VEHICLES INVOLVED
1718	25.6	4007	22.1	01. 1 vehicle
4259	63.4	11833	65.3	02. 2 vehicles
566	8.4	1632	9.0	03. 3 vehicles
103	1.5	346	1.9	04. 4 vehicles
43	0.6	121	0.7	05. 5 vehicles
9	0.1	42	0.2	06. 6 vehicles
6	0.1	38	0.2	07. 7 vehicles
1	0.0	13	0.1	08. 8 vehicles
1	0.0	16	0.1	09. 9 vehicles

STRT	Prcnt	TRAC	Prcnt	Var 12 NO OF VEHICLES INVOLVED
1	0.0	11	0.1	10. 10 vehicles
2	0.0	14	0.1	11. 11 vehicles
0	0.0	10	0.1	12. 12 vehicles
0	0.0	3	0.0	15. 15 vehicles
0	0.0	5	0.0	16. 16 vehicles
3	0.0	1	0.0	18. 18 vehicles
0	0.0	4	0.0	22. 22 vehicles
1	0.0	8	0.0	24. 24 vehicles
1	0.0	13	0.1	26. 26 vehicles
1	0.0	2	0.0	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF PERSON FORMS SUBMITTED
605	9.0	1893	10.4	01.
				- . Number submitted
0	0.0	0	0.0	99.

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

STRT	Prcnt	TRAC	Prcnt	LAND USE - FHWA CLASSIFICATION
2542	37.9	5210	28.8	1. Urban area
4115	61.3	12787	70.6	2. Rural area
58	0.9	122	0.7	9. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	ROADWAY FUNCTION CLASS
518	7.7	3754	20.7	1. Principal arterial - interstate
154	2.3	428	2.4	2. Principal arterial - other urban freeway or expressway
1561	23.2	5193	28.7	3. Principal arterial - other
1211	18.0	2731	15.1	4. Minor arterial
176	2.6	157	0.9	5. Urban collector
791	11.8	1329	7.3	6. Major rural collector
185	2.8	172	0.9	7. Minor rural collector
664	9.9	507	2.8	8. Local road or street

STRT	Prcnt	TRAC	Prcnt	Var 15 ROADWAY FUNCTION CLASS
1455	21.7	3848	21.2	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	TA-1 CLASS - FHWA CLASSIFICATION
631	9.4	4674	25.8	1. Interstate
2645	39.4	9162	50.6	2. Other Federal Aid primary
1027	15.3	1726	9.5	3. Federal Aid secondary
854	12.7	994	5.5	4. Federal Aid urban arterial
165	2.5	136	0.8	5. Federal Aid urban collector
99	1.5	201	1.1	6. Non-Federal Aid arterial
329	4.9	356	2.0	7. Non-Federal Aid collector
858	12.8	622	3.4	8. Non-Federal Aid local
107	1.6	248	1.4	9. Unknown

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

Not coded for 1981

STRT	Prcnt	TRAC	Prcnt	CLASS TRAFFICWAY
501	7.5	3725	20.6	1. Interstate
11	0.2	41	0.2	2. Other limited access (1980 cases only)
1037	15.4	4351	24.0	3. Other U.S. route
1894	28.2	4531	25.0	4. Other state route
49	0.7	51	0.3	5. Other major artery (1980 cases only)
792	11.8	740	4.1	6. County road
860	12.8	703	3.9	7. Local street
113	1.7	187	1.0	8. Other road
1458	21.7	3790	20.9	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	TRAFFICWAY IDENTIFIER
				9999999999. Unknown

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

Not coded for 1980 and 1981

STRT	Prcnt	TRAC	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

STRT	Prcnt	TRAC	Prcnt	SPECIAL JURISDICTION
6680	99.5	18002	99.4	0. No special jurisdiction
7	0.1	16	0.1	1. National Park Service
1	0.0	5	0.0	2. Military
19	0.3	79	0.4	3. Indian reservation
2	0.0	1	0.0	4. College/university campus
2	0.0	12	0.1	5. Other federal properties
3	0.0	4	0.0	8. Other
1	0.0	0	0.0	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	FIRST EVENT CAUSING INJURY OR PROPERTY DA
				Non-Collision Event
360	5.4	1073	5.9	01. Overturn
9	0.1	3	0.0	02. Fire/explosion
0	0.0	6	0.0	03. Immersion
0	0.0	1	0.0	04. Gas inhalation
104	1.5	40	0.2	05. Fell from vehicle
0	0.0	8	0.0	06. Injured in vehicle
27	0.4	81	0.4	07. Other non-collision
				Collision With Object Not Fixed
666	9.9	1282	7.1	08. Pedestrian
164	2.4	194	1.1	09. Pedalcycle
76	1.1	107	0.6	10. Railway train
6	0.1	71	0.4	11. Animal
4742	70.6	13110	72.4	12. Motor vehicle in transport

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS ACCIDENT VARIABLES

STRT	Prcnt	TRAC	Prcnt	Var 21 FIRST HARMFUL EVENT
54	0.8	307	1.7	13. Motor vehicle in transport in other roadway
66	1.0	233	1.3	14. Parked motor vehicle
6	0.1	3	0.0	15. Other type non-motorist
1	0.0	7	0.0	16. Thrown or falling object
3	0.0	5	0.0	17. Boulder
9	0.1	50	0.3	18. Other object (not fixed)
				Collision With Fixed Object
2	0.0	9	0.0	19. Building
0	0.0	8	0.0	20. Impact attenuator/crash cushion
11	0.2	32	0.2	21. Bridge pier or abutment
3	0.0	6	0.0	22. Bridge parapet end
14	0.2	69	0.4	23. Bridge rail
95	1.4	526	2.9	24. Guardrail
4	0.1	24	0.1	25. Concrete traffic barrier
3	0.0	18	0.1	26. Other longitudinal barrier type
4	0.1	33	0.2	27. Highway/traffic sign post
0	0.0	1	0.0	28. Overhead sign support
2	0.0	8	0.0	29. Luminaire/light support
18	0.3	43	0.2	30. Utility pole
8	0.1	43	0.2	31. Other post, pole or supports
16	0.2	28	0.2	32. Culvert
11	0.2	24	0.1	33. Curb
21	0.3	45	0.2	34. Ditch
15	0.2	38	0.2	35. Embankment - earth
4	0.1	21	0.1	36. Embankment - rock, stone or concrete
41	0.6	118	0.7	37. Embankment - material type unknown
12	0.2	42	0.2	38. Fence
0	0.0	9	0.0	39. Wall
1	0.0	0	0.0	40. Fire hydrant
2	0.0	5	0.0	41. Shrubbery
36	0.5	54	0.3	42. Tree
18	0.3	75	0.4	43. Other fixed object
1	0.0	1	0.0	44. Pavement surface irregularity (pothole, grooved, grates)
26	0.4	50	0.3	51. Culvert/ditch (1980 & 1981 cases only)
14	0.2	33	0.2	52. Curb or wall (1980 & 1981 cases only)
6	0.1	38	0.2	53. Divider (1980 & 1981 cases only)
6	0.1	10	0.1	54. Sign post (1980 & 1981 cases only)
13	0.2	43	0.2	55. Tree/shrubbery (1980 & 1981 cases only)
4	0.1	22	0.1	56. Bridge or overpass - passing under (1980 & 1981 cases only)
7	0.1	60	0.3	57. Bridge or overpass - passing over (1980 & 1981 cases only)

STRT	Prcnt	TRAC	Prcnt	Var 21 FIRST HARMFUL EVENT
4	0.1	2	0.0	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	MANNER OF COLLISION
1915	28.5	4698	25.9	0. Not a collision with a vehicle in transport
950	14.1	3243	17.9	1. Rear-end
1411	21.0	3802	21.0	2. Head-on
7	0.1	21	0.1	3. Rear-to-rear
2192	32.6	5356	29.6	4. Angle
110	1.6	452	2.5	5. Sideswipe - same direction
120	1.8	510	2.8	6. Sideswipe - opposite direction
10	0.1	37	0.2	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	RELATION TO JUNCTION
3906	58.2	12236	67.5	1. Non-junction
2036	30.3	3866	21.3	2. Intersection
224	3.3	433	2.4	3. Intersection related
61	0.9	358	2.0	4. Interchange area
346	5.2	870	4.8	5. Driveway, alley, access, etc.
39	0.6	175	1.0	6. Entrance/exit ramp
82	1.2	114	0.6	7. Rail grade crossing
14	0.2	55	0.3	8. In crossover
7	0.1	12	0.1	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	RELATION TO ROADWAY
5876	87.5	15289	84.4	1. On roadway
194	2.9	688	3.8	2. Shoulder
55	0.8	379	2.1	3. Median
401	6.0	1197	6.6	4. Roadside
61	0.9	156	0.9	5. Outside right-of-way
106	1.6	379	2.1	6. Off roadway - location unknown
8	0.1	0	0.0	7. In parking lane
2	0.0	13	0.1	8. Gore

STRT	Prcnt	TRAC	Prcnt	Var 24	RELATION TO ROADWAY
12	0.2	18	0.1	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.

STRT	Prcnt	TRAC	Prcnt	TRAFFICWAY FLOW
4927	73.4	10377	57.3	1. Not physically divided (two way trafficway)
1154	17.2	5777	31.9	2. Divided highway, median strip (without traffic barrier)
434	6.5	1682	9.3	3. Divided highway, median strip (with traffic barrier)
130	1.9	184	1.0	4. One way trafficway
70	1.0	99	0.5	9. Unknown

Variable 26 **NO OF TRAVEL LANES** MD1: 9 Field Width: 1
MD2: None Type: Numeric

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

STRT	Prcnt	TRAC	Prcnt	NO OF TRAVEL LANES
47	0.7	118	0.7	1. 1 lane
5293	78.8	13963	77.1	2. 2 lanes
387	5.8	1309	7.2	3. 3 lanes
731	10.9	2153	11.9	4. 4 lanes
93	1.4	355	2.0	5. 5 lanes
70	1.0	113	0.6	6. 6 lanes
11	0.2	17	0.1	7. 7 or more lanes
83	1.2	91	0.5	9. Unknown

Variable 27 **SPEED LIMIT** MD1: 99 Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	SPEED LIMIT
6	0.1	12	0.1	00. No statutory limit
0	0.0	0	0.0	05. 5 mph
2	0.0	2	0.0	10. 10 mph
20	0.3	9	0.0	15. 15 mph
30	0.4	31	0.2	20. 20 mph
286	4.3	271	1.5	25. 25 mph
518	7.7	414	2.3	30. 30 mph
556	8.3	794	4.4	35. 35 mph
352	5.2	636	3.5	40. 40 mph
565	8.4	1271	7.0	45. 45 mph
406	6.0	992	5.5	50. 50 mph
3540	52.7	12946	71.4	55. 55 mph
0	0.0	0	0.0	65. 65 mph
434	6.5	741	4.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	ROADWAY ALIGNMENT
5439	81.0	14560	80.4	1. Straight
1261	18.8	3536	19.5	2. Curve
15	0.2	23	0.1	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	ROADWAY PROFILE
4630	69.0	12518	69.1	1. Level
1876	27.9	5107	28.2	2. Grade
72	1.1	209	1.2	3. Hillcrest
8	0.1	16	0.1	4. Sag
129	1.9	269	1.5	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	ROADWAY SURFACE TYPE
884	13.2	3768	20.8	1. Concrete
5250	78.2	13520	74.6	2. Blacktop or bituminous or asphalt
8	0.1	10	0.1	3. Brick or block
124	1.8	77	0.4	4. Slag, gravel or stone
43	0.6	31	0.2	5. Dirt
10	0.1	16	0.1	8. Other
396	5.9	697	3.8	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	ROADWY SURFACE CONDITION
5449	81.1	14331	79.1	1. Dry
879	13.1	2786	15.4	2. Wet
225	3.4	476	2.6	3. Snow or slush
120	1.8	477	2.6	4. Ice
10	0.1	10	0.1	5. Sand, dirt, oil
15	0.2	12	0.1	8. Other
17	0.3	27	0.1	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	TRAFFIC CONTROL DEVICE
4585	68.3	13620	75.2	00. No controls
				Not At Railroad Grade Crossing
				Highway traffic signals
63	0.9	164	0.9	01. Traffic control signal (on colors) without pedestrian signal
262	3.9	423	2.3	02. Traffic control (on colors) with pedestrian signal
707	10.5	1328	7.3	03. Traffic control signal (on colors) not known whether or not pedestrian signal
51	0.8	161	0.9	04. Flashing traffic control signal
23	0.3	39	0.2	05. Flashing beacon
23	0.3	37	0.2	06. Flashing highway traffic signal, type unknown or other than traffic control or beacon
27	0.4	36	0.2	07. Lane use control signal

STRT	Prcnt	TRAC	Prcnt	Var 32 TRAFFIC CONTROL DEVICE
2	0.0	10	0.1	08. Other highway traffic signal
11	0.2	28	0.2	09. Unknown highway traffic signal
3	0.0	1	0.0	10. Pedestrian signal
				Regulatory signs
547	8.1	1120	6.2	20. Stop sign
34	0.5	62	0.3	21. Yield sign
34	0.5	103	0.6	28. Other regulatory sign
2	0.0	6	0.0	29. Unknown type regulatory sign
				School zone signs
2	0.0	1	0.0	30. School speed limit sign
0	0.0	0	0.0	31. School advance or crossing sign
2	0.0	0	0.0	38. Other school related sign
0	0.0	1	0.0	39. Unknown type school zone sign
				Warning signs
83	1.2	280	1.5	40. Warning sign
				Miscellaneous
18	0.3	37	0.2	50. Officer, crossing guard, flagman, etc.
				At Railroad Grade Crossing
				Active devices
1	0.0	5	0.0	60. Gates
11	0.2	17	0.1	61. Flashing lights
2	0.0	2	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	1	0.0	68. Other train activated device
0	0.0	2	0.0	69. Active device, type unknown
				Passive devices
13	0.2	22	0.1	70. Cross bucks
7	0.1	6	0.0	71. Stop sign
3	0.0	4	0.0	72. Other railroad crossing sign
2	0.0	0	0.0	73. Special warning device - watchman, flagged by crew
0	0.0	1	0.0	78. Other passive device
0	0.0	0	0.0	79. Passive device, type unknown
				Miscellaneous devices
1	0.0	3	0.0	80. Grade crossing controlled, type unknown
				***Whether Or Not At Railroad Grade Cross
188	2.8	576	3.2	98. Other
8	0.1	23	0.1	99. Unknown

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

Not coded for 1980 and 1981

STRT	Prcnt	TRAC	Prcnt	TRAFFIC CONTROL FUNCTIONING
2728	40.6	8253	45.5	0. No controls
7	0.1	12	0.1	1. Device not functioning
8	0.1	11	0.1	2. Device functioning - functioning improperly
1146	17.1	2361	13.0	3. Device functioning properly
2826	42.1	7482	41.3	9. Unknown

Variable 34 **HIT AND RUN** MD1: 9 Field Width: 1
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	HIT AND RUN
6660	99.2	17964	99.1	0. No hit and run
13	0.2	64	0.4	1. Hit motor vehicle in transport
32	0.5	55	0.3	2. Hit pedestrian or non-motorist
1	0.0	3	0.0	3. Hit parked vehicle or object
7	0.1	29	0.2	4. Hit motor vehicle (1980 & 1981 cases only)
2	0.0	4	0.0	5. Hit non-motorist (1980 & 1981 cases only)

Variable 35 **LIGHT CONDITION** MD1: 9 Field Width: 1
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	LIGHT CONDITION
5238	78.0	9336	51.5	1. Daylight
922	13.7	6539	36.1	2. Dark
356	5.3	1518	8.4	3. Dark but lighted
103	1.5	454	2.5	4. Dawn
94	1.4	261	1.4	5. Dusk
2	0.0	11	0.1	9. Unknown

Variable 36 **ATMOSPHERIC CONDITIONS** MD1: 9 Field Width: 1
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	ATMOSPHERIC CONDITIONS
5732	85.4	14865	82.0	1. No adverse atmospheric conditions
585	8.7	1951	10.8	2. Rain
34	0.5	64	0.4	3. Sleet
199	3.0	556	3.1	4. Snow
106	1.6	487	2.7	5. Fog
9	0.1	46	0.3	6. Rain and fog (1982 cases only)
2	0.0	1	0.0	7. Sleet and fog (1982 cases only)
34	0.5	125	0.7	8. Other (smog, smoke, blowing sand, or dust)
14	0.2	24	0.1	9. Unknown

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.

STRT	Prcnt	TRAC	Prcnt	CONSTRUCTION OR MAINTENANCE ZONE
6501	96.8	17642	97.4	0. None
114	1.7	369	2.0	1. Construction
71	1.1	57	0.3	2. Maintenance
10	0.1	19	0.1	3. Utility
19	0.3	32	0.2	4. Work zone, type unknown

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

STRT	Prcnt	TRAC	Prcnt	EMS NOTIFIED - HOUR
426	6.3	1637	9.0	00. Not notified or 12:01-12:59 am
30	0.4	315	1.7	01.
				- . Hour
3	0.0	5	0.0	24.
3545	52.8	9126	50.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	EMS NOTIFIED - MINUTE
487	7.3	1623	9.0	00. Not notified or on hour
42	0.6	90	0.5	01.
				- . Minute
34	0.5	91	0.5	59.
3547	52.8	9130	50.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	EMS ARRIVAL - HOUR
430	6.4	1640	9.1	00. Not notified or 12:01-12:59 am
31	0.5	352	1.9	01.
				- . Hour
2	0.0	10	0.1	24.
3304	49.2	8396	46.3	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	EMS ARRIVAL - MINUTE
489	7.3	1677	9.3	00. Not notified or on hour
28	0.4	80	0.4	01.
				- . Minute
46	0.7	113	0.6	59.
3326	49.5	8440	46.6	99. Unknown

Variable 42 **SCHOOL BUS RELATED** MD1: 9 Field Width: 1
MD2: None Type: Numeric

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

STRT	Prcnt	TRAC	Prcnt	SCHOOL BUS RELATED
6704	99.8	18073	99.7	0. No
11	0.2	46	0.3	1. Yes

Variable 43 **ACCIDENT RELATED FACTORS** MD1: 99 Field Width: 2
MD2: None Type: Numeric
Multiple Responses: 3

STRT	Prcnt	TRAC	Prcnt	RELATED FACTORS AT ACCIDENT LEVEL
19979	99.2	53904	99.2	00. None
10	0.0	18	0.0	01. Inadequate warning of exits, lanes narrowing, traffic controls, etc.
17	0.1	52	0.1	02. Shoulder related
17	0.1	29	0.1	03. Other construction created condition
8	0.0	10	0.0	04. No (or obscured) pavement marking
4	0.0	22	0.0	05. Surface underwater
15	0.1	29	0.1	06. Inadequate construction or poor design of roadway, bridge, etc.
3	0.0	8	0.0	07. Surface washed out (caved in, road slippage)
				Special circumstances
7	0.0	7	0.0	15. Nonoccupant struck by falling cargo or something that came loose from or was set in motion by a vehicle
9	0.0	15	0.0	16. Nonoccupant struck vehicle
1	0.0	2	0.0	17. Vehicle set in motion by nondriver
75	0.4	261	0.5	99. Unknown

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

STRT	Prcnt	TRAC	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

STRT	Prcnt	TRAC	Prcnt	NO OF FATALITIES IN ACC
0	0.0	0	0.0	00. 0 killed
5913	88.1	15450	85.3	01. 1 killed
635	9.5	2030	11.2	02. 2 killed
126	1.9	387	2.1	03. 3 killed
26	0.4	168	0.9	04. 4 killed

STRT	Prcnt	TRAC	Prcnt	Var 45	NO OF FATALITIES IN ACC
6	0.1	48	0.3	05.	5 killed
1	0.0	14	0.1	06.	6 killed
6	0.1	15	0.1	07.	7 killed
1	0.0	2	0.0	08.	8 killed
0	0.0	2	0.0	09.	9 killed
1	0.0	2	0.0	10.	10 killed
0	0.0	1	0.0	11.	11 killed

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

STRT	Prcnt	TRAC	Prcnt	DAY OF WEEK
248	3.7	1239	6.8	1. Sunday
1073	16.0	2658	14.7	2. Monday
1170	17.4	3048	16.8	3. Tuesday
1152	17.2	2959	16.3	4. Wednesday
1163	17.3	3155	17.4	5. Thursday
1283	19.1	3125	17.2	6. Friday
626	9.3	1935	10.7	7. Saturday

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	NO OF DRINKING DRIVERS
4450	66.3	11128	61.4	0. 0 drivers
864	12.9	3226	17.8	1. 1 drivers
46	0.7	108	0.6	2. 2 drivers
1	0.0	9	0.0	3. 3 drivers
1	0.0	1	0.0	4. 4 drivers
1353	20.1	3647	20.1	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

STRT	Prcnt	TRAC	Prcnt	VEHICLE NUMBER
0	0.0	0	0.0	00. Dummy vehicle record (non-motorist)
3865	57.6	9794	54.1	01. Vehicle #1
2596	38.7	7519	41.5	02. Vehicle #2
204	3.0	594	3.3	03. Vehicle #3
29	0.4	109	0.6	04. Vehicle #4
9	0.1	37	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

STRT	Prcnt	TRAC	Prcnt	VEHICLE MAKE
0	0.0	1	0.0	02. Jeep
7	0.1	1	0.0	03. AM General
97	1.4	37	0.2	07. Dodge
1783	26.6	1352	7.5	12. Ford
1059	15.8	255	1.4	20. Chevrolet
719	10.7	1640	9.1	23. GMC
58	0.9	1	0.0	42. Mercedes Benz
10	0.1	10	0.1	51. Volvo
24	0.4	56	0.3	80. Brockway
48	0.7	84	0.5	81. Diamond Reo
74	1.1	1901	10.5	82. Freightliner
3	0.0	5	0.0	83. FWD
1300	19.4	3668	20.2	84. International
147	2.2	2341	12.9	85. Kenworth
619	9.2	2369	13.1	86. Mack
93	1.4	1743	9.6	87. Peterbilt
156	2.3	1615	8.9	88. White
252	3.8	412	2.3	95. Other truck or bus
6	0.1	8	0.0	98. Other make
260	3.9	620	3.4	99. Unknown

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

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

STRT	Prcnt	TRAC	Prcnt	VEHICLE MAKE-MODEL
0	0.0	1	0.0	0289.
3	0.0	0	0.0	0388. AM General other (truck)
4	0.1	1	0.0	0389. AM General unknown (truck)
1	0.0	0	0.0	0773. Dodge D, W-Series Pickup
40	0.6	0	0.0	0781. Dodge medium/heavy: CBE
17	0.3	13	0.1	0782. Dodge medium/heavy: COE low entry
0	0.0	7	0.0	0783. Dodge medium/heavy: COE high entry
4	0.1	5	0.0	0784. Dodge medium/heavy: unknown engine location
4	0.1	0	0.0	0788. Dodge other (truck)
31	0.5	12	0.1	0789. Dodge unknown (truck)
5	0.1	2	0.0	1200. Ford unknown
7	0.1	0	0.0	1273. Ford F-Series Pickup
2	0.0	0	0.0	1274. Ford Van
20	0.3	1	0.0	1275. Ford Van derivative
1	0.0	0	0.0	1279. Ford unknown (light truck)
1165	17.3	593	3.3	1281. Ford medium/heavy: CBE
136	2.0	20	0.1	1282. Ford medium/heavy: COE low entry
9	0.1	339	1.9	1283. Ford medium/heavy: COE high entry
51	0.8	89	0.5	1284. Ford medium/heavy: unknown engine location
10	0.1	1	0.0	1288. Ford other (truck)
374	5.6	304	1.7	1289. Ford unknown (truck)
1	0.0	3	0.0	1290. Ford medium/heavy: COE, entry position unknown
2	0.0	0	0.0	1299. Ford unknown (automobile)
3	0.0	0	0.0	2000. Chevrolet unknown
7	0.1	2	0.0	2073. Chevrolet C, K-Series pickup
13	0.2	0	0.0	2075. Chevrolet Van derivative
708	10.5	106	0.6	2081. Chevrolet medium/heavy: CBE
15	0.2	3	0.0	2082. Chevrolet medium/heavy: COE low entry
0	0.0	36	0.2	2083. Chevrolet medium/heavy: COE high entry
36	0.5	35	0.2	2084. Chevrolet medium/heavy: unknown engine location
8	0.1	3	0.0	2088. Chevrolet other (truck)
268	4.0	70	0.4	2089. Chevrolet unknown (truck)
1	0.0	0	0.0	2099. Chevrolet unknown (automobile)
5	0.1	2	0.0	2300. GMC unknown
3	0.0	0	0.0	2373. GMC C, K-Series Pickup
3	0.0	0	0.0	2375. GMC Van derivatives
1	0.0	0	0.0	2379. GMC unknown (light truck)
482	7.2	500	2.8	2381. GMC medium/heavy: CBE
21	0.3	2	0.0	2382. GMC medium/heavy: COE low entry

STRT	Prcnt	TRAC	Prcnt	Var 107	VEHICLE MAKE-MODEL
10	0.1	595	3.3	2383.	GMC medium/heavy: COE high entry
34	0.5	154	0.8	2384.	GMC medium/heavy: unknown engine location
1	0.0	1	0.0	2388.	GMC other (truck)
155	2.3	384	2.1	2389.	GMC unknown (truck)
2	0.0	2	0.0	2390.	GMC medium/heavy: COE, entry position unknown
2	0.0	0	0.0	2399.	GMC unknown (automobile)
33	0.5	0	0.0	4281.	Mercedes Benz medium/heavy: CBE
0	0.0	1	0.0	4282.	Mercedes Benz medium/heavy: COE low entry
8	0.1	0	0.0	4284.	Mercedes Benz medium/heavy: unknown engine location
5	0.1	0	0.0	4289.	Mercedes Benz unknown (truck)
12	0.2	0	0.0	4299.	Mercedes Benz unknown (automobile)
3	0.0	2	0.0	5182.	Volvo medium/heavy: COE low entry
0	0.0	1	0.0	5183.	Volvo medium/heavy: COE high entry
1	0.0	5	0.0	5184.	Volvo medium/heavy: unknown engine location
6	0.1	2	0.0	5189.	Volvo unknown (truck)
1	0.0	0	0.0	8080.	Brockway motor home
1	0.0	1	0.0	8081.	Brockway medium/heavy: CBE
0	0.0	1	0.0	8083.	Brockway medium/heavy: COE high entry
13	0.2	32	0.2	8084.	Brockway medium/heavy: unknown engine location
0	0.0	1	0.0	8087.	Brockway bus: flat front, rear engine
0	0.0	1	0.0	8088.	Brockway other (truck)
9	0.1	20	0.1	8089.	Brockway unknown (truck)
17	0.3	28	0.2	8181.	Diamond Reo medium/heavy: CBE
0	0.0	2	0.0	8182.	Diamond Reo medium/heavy: COE low entry
0	0.0	8	0.0	8183.	Diamond Reo medium/heavy: COE high entry
12	0.2	13	0.1	8184.	Diamond Reo medium/heavy: unknown engine location
2	0.0	0	0.0	8188.	Diamond Reo other (truck)
17	0.3	33	0.2	8189.	Diamond Reo unknown (truck)
7	0.1	128	0.7	8281.	Freightliner medium/heavy: CBE
1	0.0	42	0.2	8282.	Freightliner medium/heavy: COE low entry
10	0.1	283	1.6	8283.	Freightliner medium/heavy: COE high entry
31	0.5	847	4.7	8284.	Freightliner medium/heavy: unknown engine location
0	0.0	1	0.0	8287.	Freightliner bus: flat front, rear engine
1	0.0	8	0.0	8288.	Freightliner other (truck)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS VEHICLE VARIABLES

STRT	Prcnt	TRAC	Prcnt	Var 107	VEHICLE MAKE-MODEL
18	0.3	526	2.9	8289.	Freightliner unknown (truck)
6	0.1	66	0.4	8290.	Freightliner medium/heavy: COE, entry position unknown
0	0.0	1	0.0	8383.	FWD medium heavy: COE high entry
1	0.0	3	0.0	8384.	FWD medium heavy: unknown engine location
2	0.0	1	0.0	8389.	FWD unknown (truck)
9	0.1	9	0.0	8400.	International unknown
2	0.0	2	0.0	8473.	International Pickup/Panel
2	0.0	0	0.0	8475.	International Multistop
1	0.0	0	0.0	8476.	International Travellall
4	0.1	2	0.0	8478.	International other (light truck)
7	0.1	0	0.0	8479.	International unknown (light truck)
447	6.7	515	2.8	8481.	International medium/heavy: CBE
61	0.9	15	0.1	8482.	International medium/heavy: COE low entry
13	0.2	866	4.8	8483.	International medium/heavy: COE high entry
125	1.9	361	2.0	8484.	International medium/heavy: unknown engine location
94	1.4	12	0.1	8485.	International bus: conventional (engine out front)
0	0.0	1	0.0	8487.	International bus: flat front, rear engine
19	0.3	467	2.6	8488.	International other (truck)
319	4.8	847	4.7	8489.	International unknown (truck)
1	0.0	3	0.0	8490.	International medium/heavy: COE, entry position unknown
196	2.9	568	3.1	8499.	
17	0.3	207	1.1	8581.	Kenworth medium/heavy: CBE
0	0.0	16	0.1	8582.	Kenworth medium/heavy: COE low entry
2	0.0	177	1.0	8583.	Kenworth medium/heavy: COE high entry
60	0.9	1030	5.7	8584.	Kenworth medium/heavy: unknown engine location
1	0.0	7	0.0	8585.	Kenworth bus: conventional (engine out front)
0	0.0	1	0.0	8586.	Kenworth bus: flat front, front engine
1	0.0	4	0.0	8587.	Kenworth bus: flat front, rear engine
1	0.0	18	0.1	8588.	Kenworth other (truck)
62	0.9	790	4.4	8589.	Kenworth unknown (truck)
1	0.0	41	0.2	8590.	Kenworth medium/heavy: COE, entry position unknown
2	0.0	50	0.3	8599.	
1	0.0	1	0.0	8680.	Mack motor home
43	0.6	119	0.7	8681.	Mack medium/heavy: CBE
3	0.0	5	0.0	8682.	Mack medium/heavy: COE low entry

STRT	Prcnt	TRAC	Prcnt	Var 107	VEHICLE MAKE-MODEL
7	0.1	24	0.1	8683.	Mack medium/heavy: COE high entry
318	4.7	1345	7.4	8684.	Mack medium/heavy: unknown engine location
4	0.1	16	0.1	8686.	Mack bus: flat front, front engine
0	0.0	8	0.0	8687.	Mack bus: flat front, rear engine
14	0.2	18	0.1	8688.	Mack other (truck)
211	3.1	762	4.2	8689.	Mack unknown (truck)
4	0.1	22	0.1	8690.	Mack medium/heavy: COE, entry position unknown
14	0.2	49	0.3	8699.	
4	0.1	188	1.0	8781.	Peterbilt medium/heavy: CBE
1	0.0	7	0.0	8782.	Peterbilt medium/heavy: COE low entry
3	0.0	100	0.6	8783.	Peterbilt medium/heavy: COE high entry
38	0.6	752	4.2	8784.	Peterbilt medium/heavy: unknown engine location
0	0.0	2	0.0	8786.	Peterbilt bus: flat front, front engine
0	0.0	3	0.0	8787.	Peterbilt bus: flat front, rear engine
1	0.0	6	0.0	8788.	Peterbilt other (truck)
46	0.7	620	3.4	8789.	Peterbilt unknown (truck)
0	0.0	27	0.1	8790.	Peterbilt medium/heavy: COE, entry position unknown
0	0.0	38	0.2	8799.	
8	0.1	59	0.3	8881.	White medium/heavy: CBE
12	0.2	16	0.1	8882.	White medium/heavy: COE low entry
0	0.0	48	0.3	8883.	White medium/heavy: COE high entry
51	0.8	735	4.1	8884.	White medium/heavy: unknown engine location
0	0.0	1	0.0	8885.	White bus: conventional (engine out front)
0	0.0	3	0.0	8887.	White bus: flat front, rear engine
5	0.1	3	0.0	8888.	White other (truck)
77	1.1	718	4.0	8889.	White unknown (truck)
0	0.0	21	0.1	8890.	White medium/heavy: COE, entry position unknown
3	0.0	11	0.1	8899.	
58	0.9	65	0.4	9501.	Other (truck or bus) Autocar
5	0.1	0	0.0	9502.	Other (truck or bus) Auto-Union-DKW
2	0.0	0	0.0	9503.	Other (truck or bus) Divco
2	0.0	41	0.2	9504.	Other (truck or bus) Western Star
1	0.0	0	0.0	9578.	Other (truck or bus) other (light truck)
63	0.9	76	0.4	9588.	Other (truck or bus) other (truck)
112	1.7	226	1.2	9589.	

STRT	Prcnt	TRAC	Prcnt	Var 107 VEHICLE MAKE-MODEL
9	0.1	4	0.0	9597. Other (truck or bus) other vehicle
5	0.1	8	0.0	9800. Other make, unknown model
1	0.0	0	0.0	9899. Other make, unknown (automobile)
4	0.1	16	0.1	9900. Unknown make, unknown model
256	3.8	604	3.3	9989. Unknown make, unknown truck

Variable 108 **BODY TYPE** MD1: 99 Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	BODY TYPE
				Van Based Light Trucks (GVWR<10,001 lbs)
78	1.2	4	0.0	40. Van (Mini Vans, VW bus, Vanagon, Kombi, Beauville, Chateau, Club Wagon, Sportsman; excludes moving van)
31	0.5	0	0.0	41. Van-commercial cutaway (includes box van, multi-stop, parcel, van pickups, GWVR < 10,001 step-van)
5	0.1	0	0.0	48. Other van type
9	0.1	0	0.0	49. Unknown van type
				Light Conventional Truck (GVWR <10,001 lb
295	4.4	18	0.1	50. Pickup (includes open box and caps)
3	0.0	0	0.0	51. Pickup with slide-in camper
76	1.1	3	0.0	53. Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)
2	0.0	0	0.0	54. Truck based panel
4	0.1	0	0.0	55. Truck based station wagon (4-door; includes Suburban, Travelall, Wagoneer)
1	0.0	0	0.0	56. Truck based utility (2-door; inc. Blazer, Bronco-78 on, Jimmy, Ramcharger, Cherokee, Trailduster, Scout)
3	0.0	0	0.0	58. Other light conventional truck (includes stretched suburban limousine)
23	0.3	1	0.0	59. Unknown light conventional truck
1	0.0	0	0.0	68. Utility, base body unknown
19	0.3	1	0.0	69. Unknown light truck (van based or conventional)
				Medium/Heavy Truck (GVWR >10,000lbs)
1133	16.9	59	0.3	70. Single unit straight truck (10,000<GVWR<19,500) (includes step vans)

STRT	Prcnt	TRAC	Prcnt	Var 108	BODY TYPE
619	9.2	19	0.1	71.	Single unit straight truck (19,500<GVWR<26,001)
1438	21.4	112	0.6	72.	Single unit straight truck (GVWR>26,000)
587	8.7	10594	58.5	74.	Truck-tractor
121	1.8	22	0.1	75.	Unknown medium truck (10,000<GVWR<26,001)
264	3.9	39	0.2	76.	Unknown heavy truck (GVWR>26,000)
1063	15.8	87	0.5	78.	Single unit straight truck (GVWR unknown)
930	13.8	7157	39.5	79.	Unknown truck type (light, medium, or heavy)
10	0.1	3	0.0	99.	Unknown body type

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

STRT	Prcnt	TRAC	Prcnt	MODEL YEAR
1	0.0	1	0.0	00. - .
90	1.3	107	0.6	66. 1966
111	1.7	140	0.8	67. 1967
159	2.4	185	1.0	68. 1968
195	2.9	302	1.7	69. 1969
242	3.6	329	1.8	70. 1970
235	3.5	453	2.5	71. 1971
367	5.5	777	4.3	72. 1972
511	7.6	1183	6.5	73. 1973
478	7.1	1308	7.2	74. 1974
403	6.0	916	5.1	75. 1975
352	5.2	918	5.1	76. 1976
506	7.5	1964	10.8	77. 1977
663	9.9	2216	12.2	78. 1978
825	12.3	2716	15.0	79. 1979
499	7.4	1753	9.7	80. 1980
353	5.3	1081	6.0	81. 1981
201	3.0	630	3.5	82. 1982
105	1.6	408	2.3	83. 1983
68	1.0	292	1.6	84. 1984
1	0.0	19	0.1	85. 1985
28	0.4	139	0.8	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

STRT	Prcnt	TRAC	Prcnt	REGISTRATION STATE
32	0.5	48	0.3	00. Not applicable
124	1.8	526	2.9	01. Alabama
1	0.0	1	0.0	02. Alaska
62	0.9	113	0.6	04. Arizona
62	0.9	360	2.0	05. Arkansas
489	7.3	1281	7.1	06. California
75	1.1	177	1.0	08. Colorado
72	1.1	53	0.3	09. Connecticut
17	0.3	114	0.6	10. Delaware
7	0.1	9	0.0	11. District of Columbia
377	5.6	1045	5.8	12. Florida
205	3.1	615	3.4	13. Georgia
0	0.0	2	0.0	15. Hawaii
49	0.7	99	0.5	16. Idaho
222	3.3	486	2.7	17. Illinois
116	1.7	623	3.4	18. Indiana
105	1.6	271	1.5	19. Iowa
116	1.7	328	1.8	20. Kansas
159	2.4	124	0.7	21. Kentucky
165	2.5	451	2.5	22. Louisiana
33	0.5	65	0.4	23. Maine
109	1.6	134	0.7	24. Maryland
47	0.7	106	0.6	25. Massachusetts
166	2.5	432	2.4	26. Michigan
118	1.8	329	1.8	27. Minnesota
71	1.1	265	1.5	28. Mississippi
156	2.3	261	1.4	29. Missouri
38	0.6	143	0.8	30. Montana
71	1.1	302	1.7	31. Nebraska
33	0.5	128	0.7	32. Nevada
27	0.4	52	0.3	33. New Hampshire
214	3.2	415	2.3	34. New Jersey
37	0.6	125	0.7	35. New Mexico
406	6.0	347	1.9	36. New York
202	3.0	810	4.5	37. North Carolina
40	0.6	71	0.4	38. North Dakota
244	3.6	746	4.1	39. Ohio
147	2.2	574	3.2	40. Oklahoma
106	1.6	282	1.6	41. Oregon
282	4.2	618	3.4	42. Pennsylvania
0	0.0	0	0.0	43. Puerto Rico

STRT	Prcnt	TRAC	Prcnt	Var 121 REGISTRATION STATE
6	0.1	13	0.1	44. Rhode Island
106	1.6	312	1.7	45. South Carolina
41	0.6	120	0.7	46. South Dakota
153	2.3	262	1.4	47. Tennessee
577	8.6	1828	10.1	48. Texas
65	1.0	177	1.0	49. Utah
17	0.3	36	0.2	50. Vermont
160	2.4	294	1.6	51. Virginia
112	1.7	185	1.0	53. Washington
83	1.2	76	0.4	54. West Virginia
126	1.9	242	1.3	55. Wisconsin
38	0.6	78	0.4	56. Wyoming
53	0.8	145	0.8	92. No registration
28	0.4	559	3.1	93. Multiple state registration - in state
14	0.2	421	2.3	94. Multiple state registration - out-of-state
32	0.5	13	0.1	95. U.S. government tag
17	0.3	8	0.0	96. Military vehicle
17	0.3	160	0.9	97. Foreign country
0	0.0	0	0.0	98. Other registration
68	1.0	259	1.4	99. Unknown

Variable 122 **ROLLOVER** MD1: 9 Field Width: 1
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	ROLLOVER
5584	83.2	14990	82.7	0. No rollover
371	5.5	1093	6.0	1. First event
760	11.3	2036	11.2	2. Subsequent event

Variable 123 **JACKKNIFE** MD1: 9 Field Width: 1
MD2: None Type: Numeric

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

STRT	Prcnt	TRAC	Prcnt	JACKKNIFE
5913	88.1	1184	6.5	0. Not an articulated vehicle
763	11.4	15219	84.0	1. No
28	0.4	1025	5.7	2. First event
11	0.2	691	3.8	3. Subsequent event

Variable 124 **TRAVEL SPEED** MD1: 99 Field Width: 2
MD2: None Type: Numeric

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	TRAVEL SPEED
238	3.5	456	2.5	00. Stopped vehicle
3	0.0	6	0.0	01.
				- . Actual miles per hour
0	0.0	0	0.0	96.
0	0.0	5	0.0	97. 97 mph or greater
4810	71.6	12736	70.3	99. Unknown

Variable 125 **HAZARDOUS CARGO** MD1: 9 Field Width: 1
MD2: None Type: Numeric

Not coded for 1980 and 1981

STRT	Prcnt	TRAC	Prcnt	HAZARDOUS CARGO
3631	54.1	9650	53.3	0. No
108	1.6	278	1.5	1. Yes
2976	44.3	8191	45.2	9. Unknown

Variable 126 **VEHICLE TRAILERING** MD1: 9 Field Width: 1
MD2: None Type: Numeric

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

STRT	Prcnt	TRAC	Prcnt	VEHICLE TRAILERING
5351	79.7	1033	5.7	0. No
1005	15.0	16269	89.8	1. Yes, one trailing unit
43	0.6	751	4.1	2. Yes, two or more trailing units
6	0.1	17	0.1	3. Yes, number of trailing units unknown
310	4.6	49	0.3	9. Unknown

Variable 127 **SPECIAL USE** MD1: 9 Field Width: 1
MD2: None Type: Numeric

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

STRT	Prcnt	TRAC	Prcnt	SPECIAL USE
6519	97.1	17552	96.9	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
13	0.2	7	0.0	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
183	2.7	560	3.1	9. Unknown

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.

STRT	Prcnt	TRAC	Prcnt	EMERGENCY USE
6712	100.0	18116	100.0	0. No
3	0.0	3	0.0	1. Yes

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

STRT	Prcnt	TRAC	Prcnt	IMPACT POINT - INITIAL
399	5.9	906	5.0	00. Non-collision
499	7.4	1559	8.6	01. 1 o'clock
138	2.1	369	2.0	02. 2 o'clock
215	3.2	574	3.2	03. 3 o'clock
88	1.3	238	1.3	04. 4 o'clock
138	2.1	321	1.8	05. 5 o'clock
692	10.3	1529	8.4	06. 6 o'clock
155	2.3	521	2.9	07. 7 o'clock
125	1.9	574	3.2	08. 8 o'clock
245	3.6	677	3.7	09. 9 o'clock
168	2.5	421	2.3	10. 10 o'clock
688	10.2	1759	9.7	11. 11 o'clock
2894	43.1	7920	43.7	12. 12 o'clock
20	0.3	79	0.4	13. Top
164	2.4	442	2.4	14. Undercarriage

STRT	Prcnt	TRAC	Prcnt	Var 129 IMPACT POINT - INITIAL
0	0.0	0	0.0	15. Underride
4	0.1	36	0.2	16. Override
83	1.2	194	1.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	IMPACT POINT - PRINCIPAL
399	5.9	906	5.0	00. Non-collision
433	6.4	1317	7.3	01. 1 o'clock
127	1.9	324	1.8	02. 2 o'clock
235	3.5	655	3.6	03. 3 o'clock
74	1.1	230	1.3	04. 4 o'clock
126	1.9	310	1.7	05. 5 o'clock
627	9.3	1394	7.7	06. 6 o'clock
163	2.4	537	3.0	07. 7 o'clock
116	1.7	513	2.8	08. 8 o'clock
277	4.1	723	4.0	09. 9 o'clock
138	2.1	352	1.9	10. 10 o'clock
603	9.0	1548	8.5	11. 11 o'clock
2671	39.8	7199	39.7	12. 12 o'clock
130	1.9	403	2.2	13. Top
253	3.8	694	3.8	14. Undercarriage
0	0.0	0	0.0	15. Underride
22	0.3	133	0.7	16. Override
321	4.8	881	4.9	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	EXTENT OF DEFORMATION
803	12.0	1089	6.0	0. None
1242	18.5	3196	17.6	2. Other (minor)
1443	21.5	4073	22.5	4. Functional (moderate)
3147	46.9	9583	52.9	6. Disabling (severe)
80	1.2	178	1.0	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	VEHICLE ROLE
468	7.0	1139	6.3	0. Non-collision
4530	67.5	12146	67.0	1. Striking
1629	24.3	4565	25.2	2. Struck
83	1.2	263	1.5	3. Both
5	0.1	6	0.0	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	MANNER OF LEAVING SCENE
2129	31.7	5065	28.0	1. Driven
4365	65.0	12510	69.0	2. Towed away
38	0.6	82	0.5	3. Abandoned
183	2.7	462	2.5	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	FIRE OCCURRENCE
6398	95.3	17156	94.7	0. No fire
317	4.7	963	5.3	1. Fire occurred in vehicle during accident

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

STRT	Prcnt	TRAC	Prcnt	NO OF OCCUPANTS
128	1.9	168	0.9	00. 0 occupants
5050	75.2	14798	81.7	01. 1 occupant
				- .
0	0.0	0	0.0	95. 95 occupants
0	0.0	0	0.0	96. 96 or more occupants
107	1.6	257	1.4	97. Unknown - only injured reported
59	0.9	142	0.8	99. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	NO OF DEATHS IN VEH
4408	65.6	11667	64.4	00. 0 deaths
908	13.5	2608	14.4	01. 1 death
43	0.6	184	1.0	02. 2 deaths
3	0.0	13	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
1353	20.1	3647	20.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	RELATED FACTORS AT VEHICLE LEVEL
12264	91.3	34044	93.9	00. None
				Defective
178	1.3	293	0.8	01. Tires
255	1.9	402	1.1	02. Brake system
18	0.1	31	0.1	03. Steering system -tie rod, kingpin, ball joint, etc.
10	0.1	14	0.0	04. Suspension - springs, shock absorbers, MacPherson struts, control arms, etc.
35	0.3	47	0.1	05. Power train - universal joint, drive shaft, transmission, etc.
2	0.0	0	0.0	06. Exhaust system
13	0.1	24	0.1	07. Headlights
27	0.2	20	0.1	08. Signal lights
56	0.4	60	0.2	09. Other lights
5	0.0	1	0.0	10. Horn
1	0.0	2	0.0	11. Mirrors
0	0.0	4	0.0	12. Wipers
0	0.0	0	0.0	13. Driver seating and control
14	0.1	14	0.0	14. Body, doors, other
29	0.2	25	0.1	15. Trailer hitch
5	0.0	14	0.0	16. Wheels
33	0.2	58	0.2	18. Other vehicle defects
25	0.2	65	0.2	31. Hit-and-run vehicle

STRT	Prcnt	TRAC	Prcnt	Var 137	VEHICLE RELATED FACTORS
0	0.0	0	0.0	32.	Vehicle registration for handicapped
460	3.4	1120	3.1	99.	Unknown

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

Not coded for 1980 and 1981

STRT	Prcnt	TRAC	Prcnt	VEHICLE MANEUVER
2567	38.2	7451	41.1	01. Going straight
82	1.2	214	1.2	02. Slowing or stopping in traffic lane
55	0.8	93	0.5	03. Starting in traffic lane
197	2.9	364	2.0	04. Stopped in traffic lane
61	0.9	297	1.6	05. Passing or overtaking another vehicle
14	0.2	22	0.1	06. Leaving a parked position
26	0.4	48	0.3	07. Parked
1	0.0	6	0.0	08. Entering a parked position
84	1.3	311	1.7	09. Maneuvering to avoid an animal, pedestrian, object, another vehicle, etc.
5	0.1	9	0.0	10. Turning right: right turn on red (RTOR) permitted
1	0.0	2	0.0	11. Turning right: RTOR not permitted
85	1.3	107	0.6	12. Turning right: RTOR not known if permitted or n/a
201	3.0	338	1.9	13. Turning left
8	0.1	41	0.2	14. Making a U-turn
106	1.6	95	0.5	15. Backing up (other than for parking purposes)
30	0.4	160	0.9	16. Changing lanes or merging
356	5.3	1052	5.8	17. Negotiating a curve
31	0.5	85	0.5	98. Other
2805	41.8	7424	41.0	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	MOST HARMFUL EVENT
				Non-Collision Event
538	8.0	1767	9.8	01. Overturn
121	1.8	374	2.1	02. Fire/explosion
11	0.2	41	0.2	03. Immersion

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
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STRT	Prcnt	TRAC	Prcnt	Var 139 MOST HARMFUL EVENT
0	0.0	0	0.0	04. Gas inhalation
97	1.4	34	0.2	05. Fell from vehicle
0	0.0	11	0.1	06. Injured in vehicle
24	0.4	53	0.3	07. Other non-collision
				Collision with object not fixed
679	10.1	1344	7.4	08. Pedestrian
161	2.4	189	1.0	09. Pedalcycle
72	1.1	103	0.6	10. Railway train
0	0.0	9	0.0	11. Animal
4419	65.8	12276	67.8	12. Motor vehicle in transport
38	0.6	195	1.1	13. Motor vehicle in transport in other roadway
45	0.7	142	0.8	14. Parked motor vehicle
6	0.1	4	0.0	15. Other type non-motorist
1	0.0	6	0.0	16. Thrown or falling object
0	0.0	5	0.0	17. Boulder
1	0.0	18	0.1	18. Other object (not fixed)
				Collision with fixed object
6	0.1	21	0.1	19. Building
0	0.0	3	0.0	20. Impact attenuator/crash cushion
10	0.1	50	0.3	21. Bridge pier or abutment
3	0.0	5	0.0	22. Bridge parapet end
4	0.1	20	0.1	23. Bridge rail
22	0.3	137	0.8	24. Guardrail
0	0.0	13	0.1	25. Concrete traffic barrier
0	0.0	1	0.0	26. Other longitudinal barrier type
1	0.0	2	0.0	27. Highway/traffic sign post
0	0.0	1	0.0	28. Overhead sign support
2	0.0	5	0.0	29. Luminaire/light support
20	0.3	47	0.3	30. Utility pole
7	0.1	12	0.1	31. Other post, pole or supports
5	0.1	12	0.1	32. Culvert
1	0.0	3	0.0	33. Curb
7	0.1	23	0.1	34. Ditch
13	0.2	30	0.2	35. Embankment - earth
3	0.0	18	0.1	36. Embankment - rock, stone, or concrete
41	0.6	73	0.4	37. Embankment - material type unknown
5	0.1	17	0.1	38. Fence
1	0.0	10	0.1	39. Wall
0	0.0	0	0.0	40. Fire hydrant
0	0.0	1	0.0	41. Shrubbery
36	0.5	76	0.4	42. Tree
10	0.1	29	0.2	43. Other fixed object
0	0.0	0	0.0	44. Pavement surface irregularity (potholes, grooved, grates)
8	0.1	25	0.1	51. Culvert/ditch (1980 & 1981 cases only)

STRT	Prcnt	TRAC	Prcnt	Var 139 MOST HARMFUL EVENT
6	0.1	15	0.1	52. Curb or wall (1980 & 1981 cases only)
3	0.0	6	0.0	53. Divider (1980 & 1981 cases only)
1	0.0	3	0.0	54. Sign post (1980 & 1981 cases only)
19	0.3	50	0.3	55. Tree/shrubbery (1980 & 1981 cases only)
3	0.0	23	0.1	56. Bridge or overpass - passing under (1980 & 1981 cases only)
1	0.0	36	0.2	57. Bridge or overpass - passing over (1980 & 1981 cases only)
264	3.9	781	4.3	99. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	VIN TRUCK FUEL CODE
0	0.0	0	0.0	1. (E) Electric operated
2224	33.1	161	0.9	2. (G) Gas
1377	20.5	5497	30.3	3. (D) Diesel
0	0.0	1	0.0	4. (P) Propane
1576	23.5	5340	29.5	7. (*) Not available from VIN
28	0.4	62	0.3	8. (b)
1510	22.5	7058	39.0	9. (9) No VIN information

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

STRT	Prcnt	TRAC	Prcnt	VIN TRUCK WEIGHT CODE
266	4.0	1743	9.6	0.
3	0.0	2	0.0	1. 6,000 or less
20	0.3	0	0.0	2. 6,001 - 10,000
11	0.2	1	0.0	3. 10,001 - 14,000
27	0.4	1	0.0	4. 14,001 - 16,000
218	3.2	5	0.0	5. 16,001 - 19,500
1698	25.3	117	0.6	6. 19,501 - 26,000
713	10.6	284	1.6	7. 26,001 - 33,000
896	13.3	5261	29.0	8. 33,001 or more
2863	42.6	10705	59.1	9. Unknown

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

Not coded for 1980

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	LENGTH OF VIN
0	0.0	0	0.0	01.
				- . Actual value
610	9.1	1916	10.6	17.
1803	26.9	5505	30.4	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).

Variable 150 **NO OF UNINJURED IN VEH** MD1: None Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	NO OF UNINJURED IN VEH
2822	42.0	8172	45.1	00. 0 uninjured
3408	50.8	9087	50.2	01. 1 uninjured
398	5.9	802	4.4	02. 2 uninjured
71	1.1	46	0.3	03. 3 uninjured
12	0.2	9	0.0	04. 4 uninjured
1	0.0	3	0.0	05. 5 uninjured
1	0.0	0	0.0	06. 6 uninjured
1	0.0	0	0.0	07. 7 uninjured
1	0.0	0	0.0	09. 9 uninjured

Variable 151 **NO OF C-INJURED IN VEH** MD1: None Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	NO OF C-INJURED IN VEH
5961	88.8	16155	89.2	00. 0 C-injured
678	10.1	1835	10.1	01. 1 C-injured
62	0.9	122	0.7	02. 2 C-injured
10	0.1	6	0.0	03. 3 C-injured
3	0.0	1	0.0	04. 4 C-injured
1	0.0	0	0.0	08. 8 C-injured

Variable 152 **NO OF B-INJURED IN VEH** MD1: None Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	NO OF B-INJURED IN VEH
5903	87.9	15939	88.0	00. 0 B-injured
708	10.5	2033	11.2	01. 1 B-injured
82	1.2	137	0.8	02. 2 B-injured
12	0.2	7	0.0	03. 3 B-injured
6	0.1	2	0.0	04. 4 B-injured
3	0.0	0	0.0	05. 5 B-injured
1	0.0	1	0.0	06. 6 B-injured

Variable 153 **NO OF A-INJURED IN VEH** MD1: None Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	NO OF A-INJURED IN VEH
6200	92.3	16724	92.3	00. 0 A-injured
455	6.8	1320	7.3	01. 1 A-injured
50	0.7	70	0.4	02. 2 A-injured
6	0.1	3	0.0	03. 3 A-injured
2	0.0	1	0.0	04. 4 A-injured
0	0.0	1	0.0	05. 5 A-injured
1	0.0	0	0.0	11. 11 A-injured
1	0.0	0	0.0	16. 16 A-injured

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

STRT	Prcnt	TRAC	Prcnt	NO OF K-INJURED IN VEH
5480	81.6	14538	80.2	00. 0 killed
1174	17.5	3335	18.4	01. 1 killed
57	0.8	230	1.3	02. 2 killed

STRT	Prcnt	TRAC	Prcnt	Var 154	NO OF K-INJURED IN VEH
4	0.1	16	0.1	03. 3	killed

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

STRT	Prcnt	TRAC	Prcnt	NO OF UNK INJURED IN VEH
6706	99.9	18075	99.8	00. 0 unknown injured
6	0.1	41	0.2	01. 1 unknown injured
3	0.0	2	0.0	02. 2 unknown injured
0	0.0	1	0.0	03. 3 unknown injured

Variable 206 **DRIVER PRESENCE** MD1: 9 Field Width: 1
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	DRIVER PRESENCE
6564	97.8	17926	98.9	1. Driver operated vehicle
145	2.2	189	1.0	2. Driverless
5	0.1	1	0.0	3. Driver left scene
1	0.0	3	0.0	9. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	DRIVER DRINKING
5088	75.8	13824	76.3	0. No drinking reported
219	3.3	586	3.2	1. Drinking reported
1408	21.0	3709	20.5	9. Unknown

Variable 208 **LICENSE STATE** MD1: 99 Field Width: 2
MD2: None Type: Numeric

STRT	Prcnt	TRAC	Prcnt	LICENSE STATE
130	1.9	526	2.9	01. Alabama
1	0.0	3	0.0	02. Alaska
66	1.0	174	1.0	04. Arizona
71	1.1	419	2.3	05. Arkansas
519	7.7	1238	6.8	06. California
73	1.1	224	1.2	08. Colorado
68	1.0	82	0.5	09. Connecticut
16	0.2	57	0.3	10. Delaware
9	0.1	12	0.1	11. District of Columbia
392	5.8	971	5.4	12. Florida
215	3.2	659	3.6	13. Georgia
0	0.0	0	0.0	15. Hawaii
47	0.7	119	0.7	16. Idaho
231	3.4	596	3.3	17. Illinois
116	1.7	579	3.2	18. Indiana
101	1.5	344	1.9	19. Iowa
113	1.7	253	1.4	20. Kansas
164	2.4	287	1.6	21. Kentucky
161	2.4	498	2.7	22. Louisiana
31	0.5	67	0.4	23. Maine
109	1.6	196	1.1	24. Maryland
51	0.8	133	0.7	25. Massachusetts
173	2.6	452	2.5	26. Michigan

STRT	Prcnt	TRAC	Prcnt	Var 208 LICENSE STATE
116	1.7	311	1.7	27. Minnesota
69	1.0	321	1.8	28. Mississippi
170	2.5	510	2.8	29. Missouri
33	0.5	128	0.7	30. Montana
72	1.1	218	1.2	31. Nebraska
28	0.4	54	0.3	32. Nevada
30	0.4	35	0.2	33. New Hampshire
170	2.5	308	1.7	34. New Jersey
42	0.6	163	0.9	35. New Mexico
428	6.4	411	2.3	36. New York
199	3.0	741	4.1	37. North Carolina
37	0.6	77	0.4	38. North Dakota
232	3.5	824	4.5	39. Ohio
153	2.3	548	3.0	40. Oklahoma
96	1.4	228	1.3	41. Oregon
306	4.6	776	4.3	42. Pennsylvania
0	0.0	3	0.0	43. Puerto Rico
10	0.1	25	0.1	44. Rhode Island
105	1.6	325	1.8	45. South Carolina
41	0.6	124	0.7	46. South Dakota
160	2.4	492	2.7	47. Tennessee
563	8.4	1884	10.4	48. Texas
65	1.0	142	0.8	49. Utah
12	0.2	32	0.2	50. Vermont
166	2.5	350	1.9	51. Virginia
117	1.7	217	1.2	53. Washington
85	1.3	120	0.7	54. West Virginia
128	1.9	362	2.0	55. Wisconsin
38	0.6	64	0.4	56. Wyoming
9	0.1	6	0.0	94. Military
6	0.1	133	0.7	95. Canada
11	0.2	9	0.0	96. Mexico
1	0.0	23	0.1	97. Other foreign country
160	2.4	266	1.5	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	LICENSE CLASS COMPLIANCE
3	0.0	4	0.0	0. No license required
182	2.7	358	2.0	1. No license, license required
977	14.5	871	4.8	2. Valid license for this class only
125	1.9	142	0.8	3. One valid class license, but not for this class vehicle
2483	37.0	8798	48.6	4. Multiple class licenses, valid for this class vehicle
35	0.5	47	0.3	5. Multiple class licenses, no valid license for this class vehicle

STRT	Prcnt	TRAC	Prcnt	Var 209 LICENSE CLASS COMPLIANCE
2503	37.3	6813	37.6	6. Valid license for this type of vehicle (1980 & 1981 cases only)
80	1.2	69	0.4	7. Licensed, but not for this type of vehicle (1980 & 1981 cases only)
327	4.9	1017	5.6	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	LICENSE STATUS
3	0.0	6	0.0	0. None required
305	4.5	310	1.7	1. None
5971	88.9	16569	91.4	2. Valid
129	1.9	327	1.8	3. Suspended
24	0.4	63	0.3	4. Revoked
35	0.5	103	0.6	5. Expired
1	0.0	5	0.0	6. Cancelled or denied
6	0.1	8	0.0	7. Learner's permit
1	0.0	2	0.0	8. Temporary
240	3.6	726	4.0	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	COMPLIANCE WITH LICENSE RESTRICTIONS
5339	79.5	14301	78.9	0. No restrictions or not applicable
390	5.8	919	5.1	1. Restrictions complied with
19	0.3	14	0.1	2. Restrictions not complied with
694	10.3	1890	10.4	3. Restrictions, compliance unknown
273	4.1	995	5.5	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	DRIVER TRAINING
1529	22.8	4651	25.7	0. None
484	7.2	1072	5.9	1. High school
40	0.6	112	0.6	2. Commercial
3	0.0	8	0.0	3. School bus
109	1.6	200	1.1	4. Traffic school
16	0.2	27	0.1	5. Two or more types
194	2.9	256	1.4	6. Training, type unknown

STRT	Prcnt	TRAC	Prcnt	Var 212 DRIVER TRAINING
4340	64.6	11793	65.1	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	VIOLATIONS CHARGED
5185	77.2	14554	80.3	0. None
35	0.5	53	0.3	1. Alcohol or drugs
36	0.5	140	0.8	2. Speeding
1	0.0	17	0.1	3. Alcohol or drugs and speeding
66	1.0	223	1.2	4. Reckless driving
16	0.2	14	0.1	5. Driving with a suspended or revoked license
291	4.3	632	3.5	6. Other moving violation
106	1.6	202	1.1	7. Non-moving violation
538	8.0	1306	7.2	8. 1980 & 1981: yes, violation charged 1982: violation, type unknown or other
441	6.6	978	5.4	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF PREVIOUS RECORDED ACCIDENTS
4781	71.2	13067	72.1	00. 0 accidents
1209	18.0	3108	17.2	01. 1 accident
323	4.8	852	4.7	02. 2 accidents
103	1.5	216	1.2	03. 3 accidents
23	0.3	57	0.3	04. 4 accidents
10	0.1	19	0.1	05. 5 accidents
1	0.0	6	0.0	06. 6 accidents
0	0.0	1	0.0	07. 7 accidents
265	3.9	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF PREVIOUS SUSPENSIONS AND REVOCATION
5946	88.5	15704	86.7	00. 0 suspensions
342	5.1	1140	6.3	01. 1 suspension
98	1.5	311	1.7	02. 2 suspensions
34	0.5	109	0.6	03. 3 suspensions
16	0.2	40	0.2	04. 4 suspensions

STRT	Prcnt	TRAC	Prcnt	Var 215	NO OF PREV SUSPENSIONS
4	0.1	12	0.1	05.	5 suspensions
4	0.1	4	0.0	06.	6 suspensions
2	0.0	2	0.0	07.	7 suspensions
0	0.0	2	0.0	09.	9 suspensions
2	0.0	0	0.0	10.	10 suspensions
0	0.0	1	0.0	11.	11 suspensions
1	0.0	0	0.0	14.	14 suspensions
0	0.0	1	0.0	15.	15 suspensions
1	0.0	0	0.0	18.	18 suspensions
265	3.9	793	4.4	99.	Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF PREVIOUS DWI CONVICTIONS	
6263	93.3	16928	93.4	00.	0 DWI convictions
170	2.5	346	1.9	01.	1 DWI conviction
13	0.2	40	0.2	02.	2 DWI convictions
3	0.0	8	0.0	03.	3 DWI convictions
1	0.0	0	0.0	04.	4 DWI convictions
0	0.0	2	0.0	05.	5 DWI convictions
0	0.0	1	0.0	07.	7 DWI convictions
265	3.9	794	4.4	99.	Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF PREVIOUS SPEEDING CONVICTIONS	
4424	65.9	8714	48.1	00.	0 speed convictions
1236	18.4	3982	22.0	01.	1 speed conviction
472	7.0	2134	11.8	02.	2 speed convictions
175	2.6	1131	6.2	03.	3 speed convictions
77	1.1	629	3.5	04.	4 speed convictions
37	0.6	347	1.9	05.	5 speed convictions
14	0.2	189	1.0	06.	6 speed convictions
11	0.2	84	0.5	07.	7 speed convictions
1	0.0	48	0.3	08.	8 speed convictions
1	0.0	25	0.1	09.	9 speed convictions
0	0.0	20	0.1	10.	10 speed convictions
1	0.0	8	0.0	11.	11 speed convictions
0	0.0	8	0.0	12.	12 speed convictions
0	0.0	4	0.0	13.	13 speed convictions
0	0.0	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

STRT	Prcnt	TRAC	Prcnt	Var 217 NO OF PREV SPEEDING CONV
266	4.0	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	NO OF PREVIOUS OTHER HARMFUL MV CONVICTIO
4817	71.7	12544	69.2	00. 0 other convictions
1108	16.5	3080	17.0	01. 1 other conviction
337	5.0	965	5.3	02. 2 other convictions
112	1.7	337	1.9	03. 3 other convictions
36	0.5	160	0.9	04. 4 other convictions
17	0.3	102	0.6	05. 5 other convictions
5	0.1	51	0.3	06. 6 other convictions
4	0.1	29	0.2	07. 7 other convictions
6	0.1	20	0.1	08. 8 other convictions
2	0.0	17	0.1	09. 9 other convictions
1	0.0	3	0.0	10. 10 other convictions
1	0.0	10	0.1	11. 11 other convictions
2	0.0	3	0.0	12. 12 other convictions
0	0.0	1	0.0	13. 13 other convictions
0	0.0	1	0.0	14. 14 other convictions
0	0.0	1	0.0	16. 16 other convictions
0	0.0	1	0.0	18. 18 other convictions
266	4.0	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	LAST ACCIDENT/SUSPENSION/CONVICTION - MON
2817	42.0	5712	31.5	00. No record
285	4.2	915	5.0	01. January
286	4.3	965	5.3	02. February
317	4.7	1057	5.8	03. March
308	4.6	986	5.4	04. April
300	4.5	1009	5.6	05. May
291	4.3	971	5.4	06. June
312	4.6	975	5.4	07. July
297	4.4	936	5.2	08. August
323	4.8	974	5.4	09. September
346	5.2	1002	5.5	10. October
276	4.1	946	5.2	11. November
292	4.3	878	4.8	12. December
265	3.9	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	LAST ACCIDENT/SUSPENSION/CONVICTION - YEA
2817	42.0	5712	31.5	00. No record
64	1.0	169	0.9	77. 1977
226	3.4	554	3.1	78. 1978
553	8.2	1605	8.9	79. 1979
729	10.9	2470	13.6	80. 1980
737	11.0	2439	13.5	81. 1981
603	9.0	2012	11.1	82. 1982
504	7.5	1636	9.0	83. 1983
217	3.2	729	4.0	84. 1984
265	3.9	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	1ST ACCIDENT/SUSPENSION/CONVICTION - MONT
2817	42.0	5712	31.5	00. No record
275	4.1	1024	5.7	01. January
285	4.2	955	5.3	02. February
314	4.7	1062	5.9	03. March
299	4.5	992	5.5	04. April
306	4.6	993	5.5	05. May
282	4.2	960	5.3	06. June
312	4.6	945	5.2	07. July
338	5.0	990	5.5	08. August
306	4.6	988	5.5	09. September
354	5.3	968	5.3	10. October
282	4.2	908	5.0	11. November
279	4.2	829	4.6	12. December
266	4.0	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	1ST ACCIDENT/SUSPENSION/CONVICTION - YEAR
2817	42.0	5712	31.5	00. No record
0	0.0	1	0.0	75. 1975
1	0.0	2	0.0	76. 1976
226	3.4	735	4.1	77. 1977
501	7.5	1679	9.3	78. 1978
681	10.1	2224	12.3	79. 1979
688	10.2	2304	12.7	80. 1980
734	10.9	2297	12.7	81. 1981

STRT	Prcnt	TRAC	Prcnt	Var 222 1ST ACC/SUSPENSN - YEAR
474	7.1	1462	8.1	82. 1982
249	3.7	681	3.8	83. 1983
78	1.2	229	1.3	84. 1984
266	4.0	793	4.4	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	RELATED FACTORS AT DRIVER LEVEL
15956	79.2	42555	78.3	00. None
				Physical/Mental Condition
89	0.4	551	1.0	01. Drowsy, sleepy, asleep, fatigued
6	0.0	20	0.0	02. Ill, blackout
0	0.0	2	0.0	03. Emotional (e.g., depression, angry, disturbed)
1	0.0	8	0.0	04. Drugs - medication
7	0.0	24	0.0	05. Other drugs
279	1.4	816	1.5	06. Inattentive (talking, eating, etc.)
1	0.0	4	0.0	07. Restricted to wheelchair
2	0.0	0	0.0	08. Paraplegic
0	0.0	1	0.0	09. Impaired due to previous injury
1	0.0	0	0.0	10. Deaf
3	0.0	15	0.0	11. Other physical impairment
0	0.0	0	0.0	12. Mother of dead fetus
				Miscellaneous Causes
1	0.0	7	0.0	19. Legally driving on suspended or revoked license
97	0.5	125	0.2	20. Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
72	0.4	149	0.3	21. Overloading or improper loading of vehicle with passengers or cargo
18	0.1	16	0.0	22. Towing or pushing vehicle improperly
18	0.1	27	0.0	23. Failing to dim or to have lights on when required
107	0.5	171	0.3	24. Operating without required equipment
0	0.0	3	0.0	25. Creating unlawful noise or using equipment prohibited by law
71	0.4	353	0.6	26. Following improperly
23	0.1	109	0.2	27. Improper or erratic lane changing
610	3.0	1925	3.5	28. Failure to keep in proper lane or running off road

STRT	Prcnt	TRAC	Prcnt	Var 223 DRIVER RELATED FACTORS
7	0.0	15	0.0	29. Illegal driving on road shoulder, in ditch, on sidewalk or on median
14	0.1	49	0.1	30. Making improper entry to or exit from trafficway
78	0.4	98	0.2	31. Starting or backing improperly
2	0.0	0	0.0	32. Opening vehicle closure into moving traffic or while vehicle is in motion
21	0.1	69	0.1	33. Passing where prohibited by signs, markings, hill or curve, or school bus displaying warning not to pass
3	0.0	10	0.0	34. Passing on wrong side
36	0.2	166	0.3	35. Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
334	1.7	929	1.7	36. Operating the vehicle in an erratic, reckless, careless or negligent manner
1	0.0	4	0.0	37. High speed chase - police in pursuit
460	2.3	733	1.3	38. Failure to yield right-of-way
299	1.5	471	0.9	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
12	0.1	36	0.1	41. Failure to observe warnings or instructions on vehicles displaying them
13	0.1	12	0.0	42. Failure to signal intentions
1	0.0	0	0.0	43. Giving wrong signal
581	2.9	2465	4.5	44. Driving too fast for conditions or in excess of posted maximum
8	0.0	33	0.1	45. Driving less than posted minimum
1	0.0	2	0.0	46. Operating at erratic or suddenly changing speeds
5	0.0	17	0.0	47. Making right turn from left turn lane, making left turn from right turn lane
76	0.4	166	0.3	48. Making other improper turn
1	0.0	0	0.0	49. Failure to comply with physical restrictions of license
4	0.0	10	0.0	50. Driving wrong way on one-way trafficway
147	0.7	419	0.8	51. Driving on wrong side of road
16	0.1	19	0.0	52. Operator inexperience
15	0.1	31	0.1	53. Unfamiliar with roadway
96	0.5	166	0.3	54. Stopping in roadway (vehicle not abandoned)
0	0.0	0	0.0	55. Underriding a parked truck

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
FARS VEHICLE VARIABLES

STRT	Prcnt	TRAC	Prcnt	Var 223 DRIVER RELATED FACTORS
1	0.0	2	0.0	56. Low tire pressure
6	0.0	8	0.0	57. Locked wheel
15	0.1	45	0.1	58. Over correcting
2	0.0	3	0.0	59. Getting off/out of or on/in to moving vehicle
2	0.0	4	0.0	60. Getting off/out of or on/in to non-moving vehicle
				Vision obscured by
37	0.2	163	0.3	61. Rain, snow, fog, smoke, sand, dust
9	0.0	15	0.0	62. Reflected glare, bright sunlight, headlights
23	0.1	27	0.0	63. Curve, hill, or other design features (including traffic signs, embankment)
2	0.0	6	0.0	64. Building, billboard, etc.
13	0.1	15	0.0	65. Trees, crops, vegetation
11	0.1	27	0.0	66. Moving vehicle (including load)
7	0.0	8	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	2	0.0	70. Inadequate lighting system
16	0.1	9	0.0	71. Obstructing angles on vehicle
0	0.0	0	0.0	72. Mirrors - rear view
1	0.0	1	0.0	73. Mirrors - other
0	0.0	0	0.0	74. Head restraints
1	0.0	0	0.0	75. Broken or improperly cleaned windshield
0	0.0	8	0.0	76. Other obstruction
				Avoiding of swerving due to
0	0.0	12	0.0	77. Severe crosswind
1	0.0	0	0.0	78. Wind from passing truck
26	0.1	115	0.2	79. Slippery or loose surface
19	0.1	23	0.0	80. Tire blow-out or flat
0	0.0	6	0.0	81. Debris or objects in road
1	0.0	3	0.0	82. Ruts, holes, bumps in road
2	0.0	14	0.0	83. Animals in road
43	0.2	146	0.3	84. Vehicle in road
6	0.0	15	0.0	85. Phantom vehicle
5	0.0	26	0.0	86. Pedestrian, pedalcyclist, or other non-motorist in road
13	0.1	69	0.1	87. Water, snow, oilslick on road
				Other Miscellaneous factors
22	0.1	63	0.1	90. Hit-and-run vehicle driver
75	0.4	270	0.5	91. Non-traffic violation charged - manslaughter or other homicide (offense committed without malice)

STRT	Prcnt	TRAC	Prcnt	Var 223	DRIVER RELATED FACTORS
192	1.0	441	0.8	99.	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
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

STRT	Prcnt	TRAC	Prcnt	PERSON NUMBER
146	2.2	197	1.1	00. None
6562	97.7	17908	98.8	01. Person #1
6	0.1	13	0.1	02. Person #2
0	0.0	1	0.0	03. Person #3
0	0.0	0	0.0	04. Person #4
1	0.0	0	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

STRT	Prcnt	TRAC	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
162	2.4	264	1.5	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	PERSON SEX
6484	96.6	17703	97.7	1. Male
81	1.2	173	1.0	2. Female
150	2.2	243	1.3	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	PERSON TYPE
6569	97.8	17922	98.9	1. Driver of a motor vehicle in transport
146	2.2	197	1.1	9. Unknown occupant type in a motor vehicle in transport

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

STRT	Prcnt	TRAC	Prcnt	SEATING POSITION
6568	97.8	17921	98.9	11. Front seat - left side (driver's side)
147	2.2	198	1.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	MANUAL (ACTIVE) RESTRAINT SYSTEM
4984	74.2	12878	71.1	0. None used (vehicle occupant) or not applicable (non-motorist or passive system)
6	0.1	20	0.1	1. Shoulder belt
147	2.2	890	4.9	2. Lap belt
30	0.4	231	1.3	3. Lap and shoulder belt
0	0.0	0	0.0	4. Child safety seat
0	0.0	0	0.0	5. Motorcycle helmet
26	0.4	164	0.9	8. Restraint used - type unknown or other (including other helmet)
1522	22.7	3936	21.7	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	AUTOMATIC (PASSIVE) RESTRAINT SYSTEM
6489	96.6	17665	97.5	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
226	3.4	454	2.5	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	EJECTION
6085	90.6	16515	91.1	0. Not ejected; not applicable
370	5.5	1086	6.0	1. Totally ejected
90	1.3	234	1.3	2. Partially ejected
170	2.5	284	1.6	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	EXTRICATION
6333	94.3	16923	93.4	0. Not extricated; not applicable
197	2.9	835	4.6	1. Extricated
185	2.8	361	2.0	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	ALCOHOL INVOLVEMENT
5328	79.3	14193	78.3	0. No (alcohol not involved)
313	4.7	736	4.1	1. Yes (alcohol involved)
711	10.6	2262	12.5	8. Not reported
363	5.4	928	5.1	9. Unknown (Police Reported)

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

STRT	Prcnt	TRAC	Prcnt	ALCOHOL TEST RESULT
677	10.1	2307	12.7	00.
				- . Result value (grams/100 ml%)
0	0.0	0	0.0	94.
3	0.0	10	0.1	95. Test refused
5127	76.4	13784	76.1	96. None given
188	2.8	609	3.4	97. AC test performed, results unknown
520	7.7	854	4.7	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	INJURY SEVERITY
3813	56.8	9780	54.0	0. 0 - no injury
666	9.9	1794	9.9	1. C - possible injury
690	10.3	1927	10.6	2. B - nonincapacitating evident injury
395	5.9	1120	6.2	3. A - incapacitating injury
982	14.6	3220	17.8	4. K - fatal injury
8	0.1	42	0.2	5. Injured, severity unknown
1	0.0	0	0.0	6. Died prior to accident
160	2.4	236	1.3	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	TAKEN TO HOSPITAL OR TREATMENT FACILITY
4588	68.3	12422	68.6	0. No
1816	27.0	5041	27.8	1. Yes
311	4.6	656	3.6	9. Unknown

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

STRT	Prcnt	TRAC	Prcnt	DEATH DATE - MONTH
5587	83.2	14701	81.1	00. Not applicable
65	1.0	245	1.4	01. January
81	1.2	227	1.3	02. February
67	1.0	247	1.4	03. March
63	0.9	232	1.3	04. April
73	1.1	238	1.3	05. May
87	1.3	294	1.6	06. June
123	1.8	278	1.5	07. July
114	1.7	313	1.7	08. August
91	1.4	329	1.8	09. September
104	1.5	299	1.7	10. October
59	0.9	272	1.5	11. November
52	0.8	241	1.3	12. December
149	2.2	203	1.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	DEATH DATE - DAY
5587	83.2	14701	81.1	00. Not applicable
24	0.4	101	0.6	01.
				- . Day of month
20	0.3	60	0.3	31.
150	2.2	206	1.1	99. Unknown

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

STRT	Prcnt	TRAC	Prcnt	DEATH DATE - YEAR
5587	83.2	14701	81.1	00. Not applicable
224	3.3	702	3.9	80. 1980
227	3.4	671	3.7	81. 1981
168	2.5	587	3.2	82. 1982
179	2.7	599	3.3	83. 1983
182	2.7	659	3.6	84. 1984
0	0.0	1	0.0	85. 1985
148	2.2	199	1.1	99. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	DEATH TIME - HOURS
3311	49.3	8774	48.4	00. 12:01 am - 12:59 am
14	0.2	80	0.4	01. 1:00 am - 1:59 am
7	0.1	69	0.4	02. 2:00 am - 2:59 am
7	0.1	82	0.5	03. 3:00 am - 3:59 am
10	0.1	83	0.5	04. 4:00 am - 4:59 am
10	0.1	72	0.4	05. 5:00 am - 5:59 am
17	0.3	95	0.5	06. 6:00 am - 6:59 am
22	0.3	83	0.5	07. 7:00 am - 7:59 am
26	0.4	69	0.4	08. 8:00 am - 8:59 am
22	0.3	71	0.4	09. 9:00 am - 9:59 am
31	0.5	63	0.3	10. 10:00 am - 10:59 am
35	0.5	71	0.4	11. 11:00 am - 11:59 am
28	0.4	67	0.4	12. 12:00 pm - 12:59 pm
32	0.5	60	0.3	13. 1:00 pm - 1:59 pm
40	0.6	78	0.4	14. 2:00 pm - 2:59 pm
40	0.6	80	0.4	15. 3:00 pm - 3:59 pm
36	0.5	67	0.4	16. 4:00 pm - 4:59 pm

STRT	Prcnt	TRAC	Prcnt	Var 323 DEATH TIME - HOURS
17	0.3	45	0.2	17. 5:00 pm - 5:59 pm
21	0.3	59	0.3	18. 6:00 pm - 6:59 pm
18	0.3	55	0.3	19. 7:00 pm - 7:59 pm
10	0.1	52	0.3	20. 8:00 pm - 8:59 pm
9	0.1	61	0.3	21. 9:00 pm - 9:59 pm
9	0.1	57	0.3	22. 10:00 pm - 10:59 pm
8	0.1	71	0.4	23. 11:00 pm - 11:59 pm
0	0.0	4	0.0	24. 12:00 midnight
2935	43.7	7751	42.8	99. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	DEATH TIME - MINUTES
3371	50.2	8958	49.4	00.
				- . Minute
3	0.0	8	0.0	59.
2936	43.7	7758	42.8	99. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	LAG TIME ACC/DEATH - HRS
322	4.8	1141	6.3	000.
				- . Actual time in hours
0	0.0	0	0.0	998.
6240	92.9	16478	90.9	999. Unknown

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

Not coded for 1980

STRT	Prcnt	TRAC	Prcnt	LAG TIME ACC/DEATH - MIN
304	4.5	1119	6.2	00.
				- . Minute
2	0.0	3	0.0	59.
6249	93.1	16555	91.4	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

STRT Prcnt	TRAC 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

STRT	Prcnt	TRAC	Prcnt	STATE OF CARRIER
2	0.0	216	1.2	01. Alabama
0	0.0	1	0.0	02. Alaska
11	0.2	70	0.4	04. Arizona
8	0.1	182	1.0	05. Arkansas
45	0.7	405	2.2	06. California
7	0.1	156	0.9	08. Colorado
9	0.1	52	0.3	09. Connecticut
1	0.0	26	0.1	10. Delaware
0	0.0	3	0.0	11. District of Columbia
10	0.1	320	1.8	12. Florida
22	0.3	274	1.5	13. Georgia
8	0.1	63	0.3	16. Idaho
28	0.4	361	2.0	17. Illinois
11	0.2	317	1.7	18. Indiana
4	0.1	197	1.1	19. Iowa
8	0.1	263	1.5	20. Kansas
7	0.1	91	0.5	21. Kentucky
2	0.0	85	0.5	22. Louisiana
0	0.0	20	0.1	23. Maine
6	0.1	105	0.6	24. Maryland
3	0.0	74	0.4	25. Massachusetts
8	0.1	277	1.5	26. Michigan
12	0.2	243	1.3	27. Minnesota
3	0.0	76	0.4	28. Mississippi

STRT	Prcnt	TRAC	Prcnt	Var 1002 STATE OF CARRIER
15	0.2	279	1.5	29. Missouri
6	0.1	57	0.3	30. Montana
9	0.1	157	0.9	31. Nebraska
0	0.0	14	0.1	32. Nevada
2	0.0	12	0.1	33. New Hampshire
14	0.2	195	1.1	34. New Jersey
0	0.0	29	0.2	35. New Mexico
37	0.6	162	0.9	36. New York
6	0.1	375	2.1	37. North Carolina
1	0.0	19	0.1	38. North Dakota
21	0.3	406	2.2	39. Ohio
12	0.2	277	1.5	40. Oklahoma
11	0.2	95	0.5	41. Oregon
18	0.3	394	2.2	42. Pennsylvania
0	0.0	7	0.0	44. Rhode Island
2	0.0	122	0.7	45. South Carolina
1	0.0	49	0.3	46. South Dakota
8	0.1	206	1.1	47. Tennessee
44	0.7	615	3.4	48. Texas
8	0.1	116	0.6	49. Utah
1	0.0	10	0.1	50. Vermont
11	0.2	163	0.9	51. Virginia
22	0.3	92	0.5	53. Washington
7	0.1	33	0.2	54. West Virginia
8	0.1	212	1.2	55. Wisconsin
6	0.1	25	0.1	56. Wyoming
6230	92.8	10076	55.6	98. Not applicable (Survey case)
0	0.0	45	0.2	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	AREA OF OPERATION
2367	35.2	14510	80.1	1. Interstate
3314	49.4	2545	14.0	2. Intrastate
543	8.1	55	0.3	6. Government owned
95	1.4	59	0.3	7. Daily rental (Not coded in 1980)
396	5.9	950	5.2	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	OPERATING AUTHORITY
4714	70.2	5842	32.2	1. Private
1060	15.8	11317	62.5	2. For hire
542	8.1	55	0.3	6. Government owned
95	1.4	59	0.3	7. Daily rental (Not coded in 1980)
304	4.5	846	4.7	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	CARRIER TYPE
1871	27.9	4287	23.7	1. Interstate private
353	5.3	8970	49.5	2. Interstate authorized
118	1.8	1018	5.6	3. Interstate exempt
2745	40.9	1467	8.1	4. Intrastate private
560	8.3	1071	5.9	5. Intrastate for hire
542	8.1	55	0.3	6. Government owned
95	1.4	59	0.3	7. Daily rental (Not coded in 1980)
431	6.4	1192	6.6	9. Unknown

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

Not coded for 1980. SURVEY cases only.

STRT	Prcnt	TRAC	Prcnt	OWNER OPERATOR
231	3.4	810	4.5	1. Yes
492	7.3	3302	18.2	2. No
370	5.5	6457	35.6	7. Not applicable (BMCS)
4265	63.5	3880	21.4	8. Not applicable (Not for hire)
1357	20.2	3670	20.3	9. Unknown

Variable 1007 **TRIP TYPE** MD1: 9 Field Width: 1
MD2: None Type: Numeric

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	TRIP TYPE
217	3.2	7113	39.3	1. OTR, (over-the-road) (BMCS)
4925	73.3	3956	21.8	2. Local delivery
717	10.7	2318	12.8	3. OTR, under 200 miles (Survey)
354	5.3	3649	20.1	4. OTR, 200 miles and over (Survey)
100	1.5	366	2.0	5. OTR, unknown distance (Survey)
402	6.0	717	4.0	9. Unknown

Variable 1009 **DISTRICT TYPE** MD1: 9 Field Width: 1
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	DISTRICT TYPE
157	2.3	484	2.7	1. Residential
960	14.3	7050	38.9	2. Rural
318	4.7	1987	11.0	3. Business
4992	74.3	8015	44.2	8. Not applicable (Survey case)
288	4.3	583	3.2	9. Unknown

Variable 1010 **MONTH** MD1: 99 Field Width: 2
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	MONTH
41	0.6	662	3.7	01. January
42	0.6	609	3.4	02. February
25	0.4	656	3.6	03. March
44	0.7	578	3.2	04. April
50	0.7	663	3.7	05. May
36	0.5	672	3.7	06. June
44	0.7	587	3.2	07. July
45	0.7	794	4.4	08. August
42	0.6	716	4.0	09. September
41	0.6	728	4.0	10. October
37	0.6	661	3.6	11. November
38	0.6	717	4.0	12. December
6230	92.8	10076	55.6	98. Not applicable (Survey case)
0	0.0	0	0.0	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	DAY	
14	0.2	253	1.4	01.	
				- .	Day of month
4	0.1	135	0.7	31.	
6230	92.8	10076	55.6	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

STRT	Prcnt	TRAC	Prcnt	HOUR	
12	0.2	280	1.5	00.	Midnight
14	0.2	429	2.4	01.	1 am
13	0.2	409	2.3	02.	2 am
11	0.2	403	2.2	03.	3 am
11	0.2	351	1.9	04.	4 am
8	0.1	323	1.8	05.	5 am
26	0.4	336	1.9	06.	6 am
21	0.3	312	1.7	07.	7 am
27	0.4	284	1.6	08.	8 am
21	0.3	280	1.5	09.	9 am
24	0.4	316	1.7	10.	10 am
30	0.4	303	1.7	11.	11 am
38	0.6	330	1.8	12.	Noon
24	0.4	324	1.8	13.	1 pm
37	0.6	356	2.0	14.	2 pm
29	0.4	398	2.2	15.	3 pm
31	0.5	357	2.0	16.	4 pm
23	0.3	335	1.8	17.	5 pm
19	0.3	301	1.7	18.	6 pm
18	0.3	294	1.6	19.	7 pm
10	0.1	281	1.6	20.	8 pm
13	0.2	302	1.7	21.	9 pm
9	0.1	342	1.9	22.	10 pm
15	0.2	392	2.2	23.	11 pm
6230	92.8	10076	55.6	98.	Not applicable (Survey case)
1	0.0	5	0.0	99.	Unknown

Variable 1013 **MINUTE** MD1: 99 Field Width: 2
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	MINUTE
390	5.8	6736	37.2	00.
				- . Minute
0	0.0	6	0.0	59.
6230	92.8	10076	55.6	98. Not applicable (Survey case)
1	0.0	5	0.0	99. Unknown

Variable 1014 **ACCIDENT TYPE** MD1: 9 Field Width: 1
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	ACCIDENT TYPE
36	0.5	827	4.6	1. Non-collision
419	6.2	6424	35.5	2. Collision with moving object
30	0.4	787	4.3	3. Collision with fixed or parked object
6230	92.8	10076	55.6	8. Not applicable (Survey case)
0	0.0	5	0.0	9. Unknown

Variable 1015 **OTHER OBJECT INVOLVED** MD1: 99 Field Width: 2
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	OTHER OBJECT INVOLVED
36	0.5	820	4.5	01. Not applicable (non-collision)
52	0.8	803	4.4	02. Commercial truck
8	0.1	351	1.9	03. Fixed object
261	3.9	4495	24.8	04. Automobile
44	0.7	566	3.1	05. Pedestrian
1	0.0	24	0.1	06. Bus
6	0.1	31	0.2	07. Train
12	0.2	76	0.4	08. Bicycle
2	0.0	38	0.2	09. Animal
27	0.4	262	1.4	10. Motorcycle
36	0.5	575	3.2	11. Other
6230	92.8	10076	55.6	98. Not applicable (Survey case)
0	0.0	2	0.0	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	VEHICLE #1 ACTION
24	0.4	354	2.0	01. Slowing/stopping
16	0.2	233	1.3	02. Stopped
6	0.1	97	0.5	03. Parked
11	0.2	214	1.2	04. Rear-end
2	0.0	53	0.3	05. Backing
9	0.1	55	0.3	06. Making right turn
21	0.3	216	1.2	07. Making left turn
1	0.0	39	0.2	08. Making U-turn
238	3.5	4246	23.4	09. Proceeding straight
2	0.0	16	0.1	10. Merging
2	0.0	64	0.4	11. Entering traffic
23	0.3	117	0.6	12. Intersection
2	0.0	118	0.7	13. Passing
3	0.0	61	0.3	14. Changing lanes
1	0.0	47	0.3	15. Sideswipe--opposite direction
18	0.3	164	0.9	16. Head-on--crossed into opposing lane
6	0.1	74	0.4	17. Skidding
4	0.1	194	1.1	18. Vehicle out of control
0	0.0	4	0.0	19. Roll-away
1	0.0	4	0.0	20. Controlled railroad crossing
3	0.0	7	0.0	21. Uncontrolled railroad crossing
0	0.0	40	0.2	22. Other
6230	92.8	10076	55.6	97. Not applicable (Survey case)
87	1.3	1565	8.6	98. Not applicable (non-collision)
5	0.1	61	0.3	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	VEHICLE #2 ACTION
10	0.1	147	0.8	01. Slowing/stopping
10	0.1	221	1.2	02. Stopped
9	0.1	117	0.6	03. Parked
17	0.3	444	2.5	04. Rear-end
0	0.0	12	0.1	05. Backing
3	0.0	33	0.2	06. Making right turn
30	0.4	301	1.7	07. Making left turn
4	0.1	66	0.4	08. Making U-turn
87	1.3	1597	8.8	09. Proceeding straight
3	0.0	35	0.2	10. Merging
8	0.1	228	1.3	11. Entering traffic

STRT	Prcnt	TRAC	Prcnt	Var 1017 VEHICLE #2 ACTION
39	0.6	452	2.5	12. Intersection
11	0.2	116	0.6	13. Passing
5	0.1	98	0.5	14. Changing lanes
7	0.1	174	1.0	15. Sideswipe--opposite direction
89	1.3	1338	7.4	16. Head-on--crossed into opposing lane
9	0.1	81	0.4	17. Skidding
12	0.2	392	2.2	18. Vehicle out of control
0	0.0	3	0.0	19. Roll-away
1	0.0	8	0.0	20. Controlled railroad crossing
3	0.0	4	0.0	21. Uncontrolled railroad crossing
8	0.1	110	0.6	22. Other
6230	92.8	10076	55.6	97. Not applicable (Survey case)
98	1.5	1746	9.6	98. Not applicable (non-collision)
22	0.3	320	1.8	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	VEHICLE #3 ACTION
3	0.0	49	0.3	01. Slowing/stopping
4	0.1	110	0.6	02. Stopped
7	0.1	52	0.3	03. Parked
1	0.0	73	0.4	04. Rear-end
0	0.0	1	0.0	05. Backing
0	0.0	4	0.0	06. Making right turn
1	0.0	18	0.1	07. Making left turn
0	0.0	2	0.0	08. Making U-turn
20	0.3	398	2.2	09. Proceeding straight
1	0.0	5	0.0	10. Merging
1	0.0	16	0.1	11. Entering traffic
4	0.1	36	0.2	12. Intersection
0	0.0	18	0.1	13. Passing
1	0.0	23	0.1	14. Changing lanes
2	0.0	25	0.1	15. Sideswipe--opposite direction
6	0.1	60	0.3	16. Head-on--crossed into opposing lane
0	0.0	16	0.1	17. Skidding
4	0.1	52	0.3	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
1	0.0	31	0.2	22. Other
6230	92.8	10076	55.6	97. Not applicable (Survey case)
180	2.7	3125	17.2	98. Not applicable (non-collision)
249	3.7	3929	21.7	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	PRIMARY EVENT OTHER THAN COLLISION
49	0.7	433	2.4	0. Ran off road
2	0.0	38	0.2	1. Jackknife
294	4.4	893	4.9	2. Overturn
30	0.4	32	0.2	3. Separation of units
6	0.1	2	0.0	4. Fire
33	0.5	37	0.2	5. Loss or spillage of cargo
4	0.1	22	0.1	6. Cargo shift
5	0.1	14	0.1	7. Other
6286	93.6	16635	91.8	8. Not applicable (collision)
6	0.1	13	0.1	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	ASSOCIATED ACCIDENT EVENT
4447	66.2	13023	71.9	1. None
69	1.0	153	0.8	2. Spillage of hazardous cargo
419	6.2	1214	6.7	3. Fire
832	12.4	2104	11.6	4. Spillage of non-hazardous cargo
105	1.6	273	1.5	5. Explosion
843	12.6	1352	7.5	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	DRIVER AGE
1	0.0	0	0.0	13. 13 years
5	0.1	0	0.0	15. 15 years
11	0.2	0	0.0	16. 16 years
35	0.5	9	0.0	17. 17 years
80	1.2	48	0.3	18. 18 years
176	2.6	93	0.5	19. 19 years
170	2.5	148	0.8	20. 20 years
216	3.2	226	1.2	21. 21 years
272	4.1	347	1.9	22. 22 years
268	4.0	417	2.3	23. 23 years

TRUCKS INVOLVED IN FATAL ACCIDENTS, 1980-84
BMCS and SURVEY VARIABLES

STRT	Prcnt	TRAC	Prcnt	Var 1021	DRIVER AGE
260	3.9	497	2.7	24.	24 years
231	3.4	584	3.2	25.	25 years
221	3.3	610	3.4	26.	26 years
228	3.4	649	3.6	27.	27 years
232	3.5	625	3.4	28.	28 years
202	3.0	621	3.4	29.	29 years
194	2.9	594	3.3	30.	30 years
198	2.9	573	3.2	31.	31 years
191	2.8	607	3.4	32.	32 years
173	2.6	562	3.1	33.	33 years
181	2.7	571	3.2	34.	34 years
173	2.6	591	3.3	35.	35 years
180	2.7	510	2.8	36.	36 years
117	1.7	510	2.8	37.	37 years
135	2.0	541	3.0	38.	38 years
134	2.0	512	2.8	39.	39 years
154	2.3	505	2.8	40.	40 years
110	1.6	505	2.8	41.	41 years
103	1.5	455	2.5	42.	42 years
110	1.6	444	2.5	43.	43 years
112	1.7	401	2.2	44.	44 years
109	1.6	385	2.1	45.	45 years
111	1.7	398	2.2	46.	46 years
107	1.6	359	2.0	47.	47 years
100	1.5	346	1.9	48.	48 years
81	1.2	344	1.9	49.	49 years
92	1.4	337	1.9	50.	50 years
82	1.2	341	1.9	51.	51 years
80	1.2	318	1.8	52.	52 years
112	1.7	337	1.9	53.	53 years
67	1.0	310	1.7	54.	54 years
72	1.1	274	1.5	55.	55 years
71	1.1	250	1.4	56.	56 years
74	1.1	193	1.1	57.	57 years
73	1.1	183	1.0	58.	58 years
77	1.1	167	0.9	59.	59 years
77	1.1	120	0.7	60.	60 years
41	0.6	122	0.7	61.	61 years
38	0.6	87	0.5	62.	62 years
39	0.6	77	0.4	63.	63 years
26	0.4	56	0.3	64.	64 years
23	0.3	35	0.2	65.	65 years
14	0.2	21	0.1	66.	66 years
17	0.3	24	0.1	67.	67 years
20	0.3	13	0.1	68.	68 years
15	0.2	14	0.1	69.	69 years
8	0.1	10	0.1	70.	70 years
8	0.1	5	0.0	71.	71 years
7	0.1	4	0.0	72.	72 years
10	0.1	2	0.0	73.	73 years
3	0.0	2	0.0	74.	74 years

STRT	Prcnt	TRAC	Prcnt	Var 1021	DRIVER AGE
6	0.1	1	0.0	75.	75 years
3	0.0	1	0.0	76.	76 years
1	0.0	3	0.0	77.	77 years
1	0.0	1	0.0	78.	78 years
2	0.0	1	0.0	79.	79 years
1	0.0	0	0.0	80.	80 years
1	0.0	0	0.0	81.	81 years
173	2.6	223	1.2	99.	Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	YEARS DRIVER EMPLOYED	
23	0.3	603	3.3	00.	0 years
170	2.5	3209	17.7	01.	1 year
56	0.8	910	5.0	02.	2 years
31	0.5	596	3.3	03.	3 years
38	0.6	389	2.1	04.	4 years
12	0.2	334	1.8	05.	5 years
19	0.3	236	1.3	06.	6 years
22	0.3	191	1.1	07.	7 years
13	0.2	149	0.8	08.	8 years
12	0.2	143	0.8	09.	9 years
19	0.3	170	0.9	10.	10 years
4	0.1	113	0.6	11.	11 years
6	0.1	98	0.5	12.	12 years
3	0.0	80	0.4	13.	13 years
6	0.1	79	0.4	14.	14 years
3	0.0	82	0.5	15.	15 years
4	0.1	67	0.4	16.	16 years
5	0.1	44	0.2	17.	17 years
2	0.0	35	0.2	18.	18 years
0	0.0	40	0.2	19.	19 years
2	0.0	41	0.2	20.	20 years
1	0.0	29	0.2	21.	21 years
0	0.0	45	0.2	22.	22 years
2	0.0	20	0.1	23.	23 years
2	0.0	21	0.1	24.	24 years
11	0.2	26	0.1	25.	25 years
0	0.0	27	0.1	26.	26 years
0	0.0	26	0.1	27.	27 years
3	0.0	20	0.1	28.	28 years
1	0.0	12	0.1	29.	29 years
1	0.0	22	0.1	30.	30 years
1	0.0	17	0.1	31.	31 years
2	0.0	7	0.0	32.	32 years

STRT	Prcnt	TRAC	Prcnt	Var 1022 YEARS DRIVER EMPLOYED
0	0.0	7	0.0	33. 33 years
0	0.0	5	0.0	34. 34 years
0	0.0	7	0.0	35. 35 years
1	0.0	6	0.0	36. 36 years
0	0.0	2	0.0	37. 37 years
0	0.0	2	0.0	38. 38 years
0	0.0	2	0.0	39. 39 years
0	0.0	1	0.0	40. 40 years
0	0.0	1	0.0	41. 41 years
0	0.0	1	0.0	42. 42 years
6230	92.8	10076	55.6	98. Not applicable (Survey case)
10	0.1	128	0.7	99. Unknown

Variable 1023 **HOURS DRIVING** MD1: 99 Field Width: 2
MD2: None Type: Numeric

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	HOURS DRIVING
1657	24.7	3090	17.1	01. 1 hour
762	11.3	2049	11.3	02. 2 hours
667	9.9	1859	10.3	03. 3 hours
644	9.6	1887	10.4	04. 4 hours
488	7.3	1526	8.4	05. 5 hours
474	7.1	1520	8.4	06. 6 hours
248	3.7	1010	5.6	07. 7 hours
210	3.1	833	4.6	08. 8 hours
61	0.9	435	2.4	09. 9 hours
36	0.5	215	1.2	10. 10 hours
11	0.2	76	0.4	11. 11 hours
10	0.1	30	0.2	12. 12 hours
2	0.0	6	0.0	13. 13 hours
7	0.1	6	0.0	14. 14 hours
1	0.0	1	0.0	15. 15 hours
2	0.0	6	0.0	16. 16 hours
1	0.0	1	0.0	17. 17 hours
0	0.0	3	0.0	18. 18 hours
0	0.0	3	0.0	19. 19 hours
1	0.0	2	0.0	20. 20 hours
0	0.0	3	0.0	21. 21 hours
0	0.0	1	0.0	22. 22 hours
1	0.0	1	0.0	24. 24 hours
0	0.0	1	0.0	25. 25 hours
0	0.0	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

STRT	Prcnt	TRAC	Prcnt	Var 1023 HOURS DRIVING
1	0.0	0	0.0	96. 96 hours
184	2.7	624	3.4	98. Not applicable
1247	18.6	2926	16.1	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	SCHEDULED HOURS
67	1.0	726	4.0	01. 1 hour
41	0.6	535	3.0	02. 2 hours
44	0.7	549	3.0	03. 3 hours
50	0.7	651	3.6	04. 4 hours
51	0.8	612	3.4	05. 5 hours
50	0.7	642	3.5	06. 6 hours
26	0.4	570	3.1	07. 7 hours
65	1.0	847	4.7	08. 8 hours
15	0.2	601	3.3	09. 9 hours
19	0.3	1127	6.2	10. 10 hours
7	0.1	155	0.9	11. 11 hours
36	0.5	696	3.8	12. Not applicable (BMCS code)
0	0.0	1	0.0	22. 22 hours
6230	92.8	10076	55.6	98. Not applicable (Survey case)
14	0.2	331	1.8	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	DRIVER CONDITION
473	7.0	7718	42.6	1. Apparently normal
1	0.0	8	0.0	2. Sick
1	0.0	67	0.4	3. Had been drinking
9	0.1	158	0.9	4. Dozed at wheel
0	0.0	0	0.0	5. Medical waiver
1	0.0	73	0.4	6. Other
6230	92.8	10076	55.6	8. Not applicable (Survey case)
0	0.0	19	0.1	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	POWER UNIT TYPE
0	0.0	0	0.0	0. Unknown
6715	100.0	0	0.0	1. Straight truck
0	0.0	18119	100.0	8. Tractor

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	STRAIGHT TRUCK BODY STYLE
0	0.0	18119	100.0	0. Not applicable (tractor)
1462	21.8	0	0.0	1. Van
723	10.8	0	0.0	2. Flat
651	9.7	0	0.0	3. Tank
1789	26.6	0	0.0	6. Dump
534	8.0	0	0.0	7. Refuse
1407	21.0	0	0.0	8. Other
149	2.2	0	0.0	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	CAB STYLE
5642	84.0	7519	41.5	1. Conventional
951	14.2	9509	52.5	2. Cabover or cab-forward
122	1.8	1091	6.0	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	POWER UNIT YEAR
0	0.0	1	0.0	42. 1942
4	0.1	0	0.0	47. 1947

STRT	Prcnt	TRAC	Prcnt	Var 1029	POWER UNIT YEAR
3	0.0	1	0.0	48.	1948
4	0.1	0	0.0	49.	1949
3	0.0	3	0.0	50.	1950
5	0.1	5	0.0	51.	1951
5	0.1	0	0.0	52.	1952
6	0.1	4	0.0	53.	1953
3	0.0	2	0.0	54.	1954
8	0.1	5	0.0	55.	1955
8	0.1	3	0.0	56.	1956
14	0.2	12	0.1	57.	1957
12	0.2	9	0.0	58.	1958
17	0.3	12	0.1	59.	1959
23	0.3	15	0.1	60.	1960
17	0.3	11	0.1	61.	1961
25	0.4	26	0.1	62.	1962
43	0.6	29	0.2	63.	1963
63	0.9	50	0.3	64.	1964
55	0.8	78	0.4	65.	1965
89	1.3	102	0.6	66.	1966
115	1.7	137	0.8	67.	1967
164	2.4	186	1.0	68.	1968
192	2.9	306	1.7	69.	1969
236	3.5	322	1.8	70.	1970
238	3.5	445	2.5	71.	1971
366	5.5	797	4.4	72.	1972
518	7.7	1186	6.5	73.	1973
464	6.9	1295	7.1	74.	1974
419	6.2	948	5.2	75.	1975
354	5.3	937	5.2	76.	1976
496	7.4	1934	10.7	77.	1977
664	9.9	2257	12.5	78.	1978
845	12.6	2706	14.9	79.	1979
493	7.3	1744	9.6	80.	1980
349	5.2	1092	6.0	81.	1981
194	2.9	639	3.5	82.	1982
107	1.6	404	2.2	83.	1983
75	1.1	311	1.7	84.	1984
3	0.0	14	0.1	85.	1985
16	0.2	91	0.5	99.	Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	POWER UNIT NO. OF AXLES
3865	57.6	2671	14.7	2. 2 axles
2503	37.3	15001	82.8	3. 3 axles

STRT	Prcnt	TRAC	Prcnt	Var 1030 POWER UNIT NO. OF AXLES
272	4.1	20	0.1	4. 4 or more axles
75	1.1	427	2.4	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	POWER UNIT MAKE
100	1.5	95	0.5	01. Autocar
26	0.4	62	0.3	02. Brockway
1068	15.9	266	1.5	03. Chevrolet
64	1.0	90	0.5	04. Diamond Reo
97	1.4	38	0.2	05. Dodge
1852	27.6	1402	7.7	06. Ford
104	1.5	2464	13.6	07. Freightliner
751	11.2	1726	9.5	08. GMC
5	0.1	10	0.1	09. Hendrickson
1381	20.6	3829	21.1	10. International Harvester
144	2.1	2435	13.4	11. Kenworth
680	10.1	2535	14.0	12. Mack
0	0.0	60	0.3	13. Marmon
95	1.4	1787	9.9	14. Peterbilt
121	1.8	1109	6.1	15. White
67	1.0	1	0.0	16. Mercedes Benz
16	0.2	12	0.1	17. Volvo
13	0.2	109	0.6	18. Western Star
120	1.8	19	0.1	97. Other (Survey)
4	0.1	12	0.1	98. Other (BMCS)
7	0.1	58	0.3	99. Unknown

Variable 1032 **POWER UNIT LENGTH** MD1: 999 Field Width: 3
MD2: None Type: Numeric

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	POWER UNIT LENGTH
1	0.0	13	0.1	012. 12 feet
0	0.0	7	0.0	013. 13 feet
1	0.0	68	0.4	014. 14 feet
17	0.3	216	1.2	015. 15 feet
72	1.1	240	1.3	016. 16 feet
94	1.4	276	1.5	017. 17 feet
257	3.8	674	3.7	018. 18 feet
184	2.7	1237	6.8	019. 19 feet

STRT	Prcnt	TRAC	Prcnt	Var 1032	POWER UNIT LENGTH
428	6.4	1954	10.8	020.	20 feet
251	3.7	1142	6.3	021.	21 feet
513	7.6	1052	5.8	022.	22 feet
681	10.1	1026	5.7	023.	23 feet
554	8.3	602	3.3	024.	24 feet
655	9.8	386	2.1	025.	25 feet
395	5.9	239	1.3	026.	26 feet
306	4.6	183	1.0	027.	27 feet
435	6.5	218	1.2	028.	28 feet
208	3.1	54	0.3	029.	29 feet
490	7.3	76	0.4	030.	30 feet
95	1.4	16	0.1	031.	31 feet
148	2.2	15	0.1	032.	32 feet
80	1.2	14	0.1	033.	33 feet
41	0.6	3	0.0	034.	34 feet
135	2.0	9	0.0	035.	35 feet
24	0.4	0	0.0	036.	36 feet
14	0.2	1	0.0	037.	37 feet
13	0.2	1	0.0	038.	38 feet
4	0.1	0	0.0	039.	39 feet
11	0.2	0	0.0	040.	40 feet
2	0.0	0	0.0	041.	41 feet
5	0.1	0	0.0	042.	42 feet
2	0.0	0	0.0	045.	45 feet
2	0.0	0	0.0	048.	48 feet
4	0.1	0	0.0	050.	50 feet
2	0.0	0	0.0	057.	57 feet
1	0.0	0	0.0	085.	85 feet
485	7.2	8043	44.4	998.	Not applicable (BMCS case)
105	1.6	354	2.0	999.	Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	STRAIGHT TRUCK CARGO
575	8.6	0	0.0	01. General freight
88	1.3	0	0.0	02. Household goods
47	0.7	0	0.0	03. Metal: coils, sheets, etc
157	2.3	0	0.0	04. Heavy machinery
15	0.2	0	0.0	05. Motor vehicles
47	0.7	62	0.3	06. Driveaway/towaway
55	0.8	0	0.0	07. Gases in bulk
1489	22.2	0	0.0	08. Solids in bulk
373	5.6	0	0.0	09. Liquids in bulk
1	0.0	0	0.0	10. Explosives
187	2.8	0	0.0	11. Logs/poles/lumber

STRT	Prcnt	TRAC	Prcnt	Var 1033 STRAIGHT TRUCK CARGO
2022	30.1	0	0.0	12. None (empty)
213	3.2	0	0.0	13. Refrigerated food
0	0.0	0	0.0	14. Mobile home
354	5.3	0	0.0	15. Farm products
144	2.1	0	0.0	16. Other
485	7.2	8043	44.4	97. Not Applicable (BMCS case)
0	0.0	10014	55.3	98. Not applicable (not a straight truck)
463	6.9	0	0.0	99. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	STRAIGHT TRUCK HAZARDOUS CARGO
279	4.2	0	0.0	1. Hazardous cargo
5503	82.0	62	0.3	2. Non-hazardous cargo
485	7.2	8043	44.4	7. Not applicable (BMCS case)
0	0.0	10014	55.3	8. Not applicable (not a straight truck)
448	6.7	0	0.0	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	STRAIGHT TRUCK CARGO WEIGHT
2021	30.1	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999994.
485	7.2	8043	44.4	999995. Not applicable (BMCS case)
0	0.0	10076	55.6	999996. Not applicable (not a straight truck)
263	3.9	0	0.0	999997. Some Cargo (weight unknown)
64	1.0	0	0.0	999998. Full (weight unknown)
482	7.2	0	0.0	999999. Unknown

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

Not coded for 1980. SURVEY cases only.

STRT	Prcnt	TRAC	Prcnt	POWER UNIT EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999997.
370	5.5	6457	35.6	999998. Not applicable (BMCS case)
1440	21.4	3783	20.9	999999. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER TYPE
1	0.0	17340	95.7	1. Semi-trailer
370	5.5	2	0.0	2. Full trailer
248	3.7	61	0.3	3. Other
6064	90.3	687	3.8	4. None
32	0.5	29	0.2	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER YEAR
0	0.0	1	0.0	30. 1930
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	3	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
1	0.0	3	0.0	51. 1951
0	0.0	3	0.0	53. 1953
0	0.0	4	0.0	54. 1954
1	0.0	6	0.0	55. 1955
1	0.0	9	0.0	56. 1956

STRT	Prcnt	TRAC	Prcnt	Var 1038 1ST TRAILER YEAR
0	0.0	9	0.0	57. 1957
2	0.0	14	0.1	58. 1958
1	0.0	9	0.0	59. 1959
1	0.0	24	0.1	60. 1960
0	0.0	18	0.1	61. 1961
2	0.0	32	0.2	62. 1962
1	0.0	36	0.2	63. 1963
0	0.0	61	0.3	64. 1964
2	0.0	83	0.5	65. 1965
4	0.1	98	0.5	66. 1966
3	0.0	104	0.6	67. 1967
2	0.0	158	0.9	68. 1968
6	0.1	200	1.1	69. 1969
6	0.1	208	1.1	70. 1970
9	0.1	242	1.3	71. 1971
8	0.1	444	2.5	72. 1972
11	0.2	580	3.2	73. 1973
10	0.1	669	3.7	74. 1974
6	0.1	312	1.7	75. 1975
5	0.1	492	2.7	76. 1976
9	0.1	716	4.0	77. 1977
14	0.2	1040	5.7	78. 1978
15	0.2	1106	6.1	79. 1979
9	0.1	691	3.8	80. 1980
7	0.1	455	2.5	81. 1981
2	0.0	256	1.4	82. 1982
2	0.0	189	1.0	83. 1983
1	0.0	139	0.8	84. 1984
0	0.0	8	0.0	85. 1985
0	0.0	0	0.0	96. Unknown if had 1st trailer
4992	74.3	8015	44.2	97. Not applicable (Survey case)
1526	22.7	309	1.7	98. Not applicable (no 1st trailer)
56	0.8	1360	7.5	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER NO. OF AXLES
92	1.4	1029	5.7	01. 1 axle
415	6.2	15067	83.2	02. 2 axles
77	1.1	423	2.3	03. 3 axles
11	0.2	58	0.3	04. 4 or more axles
28	0.4	16	0.1	97. Unknown if had 1st trailer
6064	90.3	687	3.8	98. Not applicable (no 1st trailer)
28	0.4	839	4.6	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER BODY
6092	90.7	709	3.9	0. None or unknown if had 1st trailer
23	0.3	7614	42.0	1. Van
182	2.7	3747	20.7	2. Flat
114	1.7	1781	9.8	3. Tank
1	0.0	175	1.0	4. Auto carrier
67	1.0	767	4.2	6. Dump
0	0.0	0	0.0	7. Dolly
218	3.2	2467	13.6	8. Other
18	0.3	859	4.7	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER CARGO
6	0.1	1425	7.9	01. General freight
4	0.1	49	0.3	02. Household goods
6	0.1	375	2.1	03. Metal: coils, sheets, etc
97	1.4	500	2.8	04. Heavy machinery
0	0.0	47	0.3	05. Motor vehicles
0	0.0	0	0.0	06. Driveaway/towaway
1	0.0	46	0.3	07. Gases in bulk
73	1.1	1095	6.0	08. Solids in bulk
41	0.6	511	2.8	09. Liquids in bulk
0	0.0	4	0.0	10. Explosives
30	0.4	601	3.3	11. Logs/poles/lumber
199	3.0	2606	14.4	12. None (empty)
0	0.0	611	3.4	13. Refrigerated food
4	0.1	25	0.1	14. Mobile home
26	0.4	858	4.7	15. Farm products
7	0.1	14	0.1	16. Other
28	0.4	16	0.1	96. Unknown if had 1st trailer
485	7.2	8043	44.4	97. Not applicable (BMCS case)
5693	84.8	459	2.5	98. Not applicable (no 1st trailer)
15	0.2	834	4.6	99. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER HAZ. CARGO
34	0.5	370	2.0	1. Hazardous cargo
459	6.8	8423	46.5	2. Non-hazardous cargo
28	0.4	16	0.1	6. Unknown if had 1st trailer
485	7.2	8043	44.4	7. Not applicable (BMCS case)
5693	84.8	459	2.5	8. Not applicable (no 1st trailer)
16	0.2	808	4.5	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER CARGO WEIGHT
199	3.0	2604	14.4	000000.
				- . Weight in pounds
0	0.0	0	0.0	999993.
28	0.4	16	0.1	999994. Unknown if had 1st trailer
485	7.2	8043	44.4	999995. Not applicable (BMCS case)
5693	84.8	459	2.5	999996. Not applicable (no 1st trailer)
20	0.3	332	1.8	999997. Some Cargo (weight unknown)
16	0.2	140	0.8	999998. Full (weight unknown)
15	0.2	758	4.2	999999. Unknown

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

Not coded for 1980. SURVEY cases only.

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
28	0.4	16	0.1	999996. Unknown if had 1st trailer
0	0.0	0	0.0	999997. Not applicable (BMCS case)
4827	71.9	567	3.1	999998. Not applicable (no 1st trailer)
1458	21.7	10327	57.0	999999. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	1ST TRAILER LENGTH
2	0.0	0	0.0	004. 4 feet
9	0.1	0	0.0	005. 5 feet
5	0.1	1	0.0	006. 6 feet
5	0.1	0	0.0	007. 7 feet
11	0.2	0	0.0	008. 8 feet
3	0.0	0	0.0	009. 9 feet
15	0.2	0	0.0	010. 10 feet
7	0.1	1	0.0	011. 11 feet
24	0.4	2	0.0	012. 12 feet
13	0.2	0	0.0	013. 13 feet
16	0.2	3	0.0	014. 14 feet
36	0.5	4	0.0	015. 15 feet
18	0.3	3	0.0	016. 16 feet
6	0.1	4	0.0	017. 17 feet
23	0.3	13	0.1	018. 18 feet
7	0.1	11	0.1	019. 19 feet
70	1.0	82	0.5	020. 20 feet
8	0.1	20	0.1	021. 21 feet
19	0.3	102	0.6	022. 22 feet
6	0.1	35	0.2	023. 23 feet
31	0.5	231	1.3	024. 24 feet
34	0.5	86	0.5	025. 25 feet
15	0.2	135	0.7	026. 26 feet
7	0.1	150	0.8	027. 27 feet
14	0.2	216	1.2	028. 28 feet
4	0.1	42	0.2	029. 29 feet
24	0.4	334	1.8	030. 30 feet
1	0.0	26	0.1	031. 31 feet
10	0.1	157	0.9	032. 32 feet
2	0.0	59	0.3	033. 33 feet
3	0.0	72	0.4	034. 34 feet
5	0.1	267	1.5	035. 35 feet
2	0.0	150	0.8	036. 36 feet
0	0.0	64	0.4	037. 37 feet
1	0.0	301	1.7	038. 38 feet
0	0.0	77	0.4	039. 39 feet
2	0.0	2761	15.2	040. 40 feet
0	0.0	79	0.4	041. 41 feet
1	0.0	931	5.1	042. 42 feet
1	0.0	315	1.7	043. 43 feet
0	0.0	206	1.1	044. 44 feet
1	0.0	1390	7.7	045. 45 feet
1	0.0	57	0.3	046. 46 feet
0	0.0	31	0.2	047. 47 feet
0	0.0	113	0.6	048. 48 feet
0	0.0	10	0.1	049. 49 feet

STRT	Prcnt	TRAC	Prcnt	Var 1045 1ST TRAILER LENGTH
1	0.0	34	0.2	050. 50 feet
0	0.0	7	0.0	052. 52 feet
0	0.0	3	0.0	053. 53 feet
0	0.0	2	0.0	054. 54 feet
1	0.0	9	0.0	055. 55 feet
0	0.0	1	0.0	056. 56 feet
0	0.0	4	0.0	058. 58 feet
0	0.0	8	0.0	060. 60 feet
0	0.0	1	0.0	062. 62 feet
0	0.0	1	0.0	064. 64 feet
0	0.0	3	0.0	065. 65 feet
0	0.0	1	0.0	066. 66 feet
1	0.0	5	0.0	070. 70 feet
1	0.0	0	0.0	072. 72 feet
0	0.0	3	0.0	075. 75 feet
0	0.0	1	0.0	076. 76 feet
0	0.0	1	0.0	078. 78 feet
0	0.0	2	0.0	080. 80 feet
0	0.0	1	0.0	086. 86 feet
0	0.0	1	0.0	090. 90 feet
0	0.0	1	0.0	095. 95 feet
0	0.0	1	0.0	103. 103 feet
0	0.0	1	0.0	111. 111 feet
0	0.0	1	0.0	146. 146 feet
28	0.4	16	0.1	994. Unknown if had 1st trailer
485	7.2	8043	44.4	995. Not applicable (BMCS case)
5693	84.8	459	2.5	996. Not applicable (no 1st trailer)
24	0.4	79	0.4	997. Short (estimated under 35 feet)
0	0.0	158	0.9	998. Long (estimated 35 feet and over)
19	0.3	731	4.0	999. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER TYPE
0	0.0	0	0.0	1. Semi-trailer
6	0.1	821	4.5	2. Full trailer
2	0.0	15	0.1	3. Other
6689	99.6	17224	95.1	4. None
18	0.3	59	0.3	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER YEAR
0	0.0	1	0.0	35. 1935
0	0.0	1	0.0	41. 1941
0	0.0	1	0.0	47. 1947
0	0.0	1	0.0	50. 1950
0	0.0	1	0.0	55. 1955
0	0.0	4	0.0	56. 1956
0	0.0	1	0.0	57. 1957
0	0.0	1	0.0	58. 1958
0	0.0	3	0.0	59. 1959
0	0.0	2	0.0	60. 1960
0	0.0	1	0.0	62. 1962
0	0.0	1	0.0	63. 1963
0	0.0	5	0.0	64. 1964
0	0.0	7	0.0	65. 1965
0	0.0	6	0.0	66. 1966
0	0.0	9	0.0	67. 1967
0	0.0	8	0.0	68. 1968
0	0.0	10	0.1	69. 1969
0	0.0	14	0.1	70. 1970
1	0.0	15	0.1	71. 1971
0	0.0	15	0.1	72. 1972
0	0.0	23	0.1	73. 1973
0	0.0	35	0.2	74. 1974
0	0.0	22	0.1	75. 1975
0	0.0	18	0.1	76. 1976
0	0.0	31	0.2	77. 1977
0	0.0	37	0.2	78. 1978
0	0.0	27	0.1	79. 1979
0	0.0	21	0.1	80. 1980
0	0.0	21	0.1	81. 1981
0	0.0	9	0.0	82. 1982
0	0.0	8	0.0	83. 1983
0	0.0	6	0.0	84. 1984
0	0.0	3	0.0	85. 1985
0	0.0	1	0.0	96. Unknown if had 2nd trailer
4992	74.3	8015	44.2	97. Not applicable (Survey case)
1720	25.6	9671	53.4	98. Not applicable (no 2nd trailer)
2	0.0	64	0.4	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER NO. OF AXLES
1	0.0	49	0.3	01. 1 axle
3	0.0	684	3.8	02. 2 axles
2	0.0	34	0.2	03. 3 axles
0	0.0	30	0.2	04. 4 or more axles
18	0.3	59	0.3	97. Unknown if had 2nd trailer
6689	99.6	17224	95.1	98. Not applicable (no 2nd trailer)
2	0.0	39	0.2	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER BODY
6707	99.9	17286	95.4	0. None or unknown if had 2nd trailer
0	0.0	315	1.7	1. Van
1	0.0	193	1.1	2. Flat
2	0.0	58	0.3	3. Tank
0	0.0	0	0.0	4. Auto carrier
0	0.0	27	0.1	6. Dump
0	0.0	0	0.0	7. Dolly
5	0.1	196	1.1	8. Other
0	0.0	44	0.2	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER CARGO
0	0.0	64	0.4	01. General freight
0	0.0	1	0.0	02. Household goods
0	0.0	10	0.1	03. Metal: coils, sheets, etc
1	0.0	34	0.2	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
1	0.0	97	0.5	08. Solids in bulk
0	0.0	13	0.1	09. Liquids in bulk
0	0.0	0	0.0	10. Explosives

STRT	Prcnt	TRAC	Prcnt	Var 1050 2ND TRAILER CARGO
0	0.0	9	0.0	11. Logs/poles/lumber
1	0.0	162	0.9	12. None (empty)
0	0.0	1	0.0	13. Refrigerated food
0	0.0	0	0.0	14. Mobile home
3	0.0	77	0.4	15. Farm products
0	0.0	0	0.0	16. Other
18	0.3	58	0.3	96. Unknown if had 2nd trailer
485	7.2	8043	44.4	97. Not applicable (BMCS case)
6206	92.4	9521	52.5	98. Not applicable (no 2nd trailer)
0	0.0	29	0.2	99. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER HAZ. CARGO
0	0.0	7	0.0	1. Hazardous cargo
6	0.1	462	2.5	2. Non-hazardous cargo
18	0.3	58	0.3	6. Unknown if had 2nd trailer
485	7.2	8043	44.4	7. Not applicable (BMCS case)
6206	92.4	9521	52.5	8. Not applicable (no 2nd trailer)
0	0.0	28	0.2	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER CARGO WEIGHT
1	0.0	162	0.9	000000.
				- . Weight in pounds
0	0.0	0	0.0	999993.
18	0.3	58	0.3	999994. Unknown if had 2nd trailer
485	7.2	8043	44.4	999995. Not applicable (BMCS case)
6206	92.4	9521	52.5	999996. Not applicable (no 2nd trailer)
2	0.0	23	0.1	999997. Some Cargo (weight unknown)
0	0.0	9	0.0	999998. Full (weight unknown)
0	0.0	26	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.

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
18	0.3	59	0.3	999996. Unknown if had 2nd trailer
0	0.0	0	0.0	999997. Not applicable (BMCS case)
5337	79.5	13745	75.9	999998. Not applicable (no 2nd trailer)
1357	20.2	3930	21.7	999999. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	2ND TRAILER LENGTH
0	0.0	1	0.0	006. 6 feet
1	0.0	1	0.0	008. 8 feet
0	0.0	4	0.0	010. 10 feet
0	0.0	2	0.0	011. 11 feet
1	0.0	1	0.0	012. 12 feet
0	0.0	1	0.0	013. 13 feet
0	0.0	2	0.0	014. 14 feet
0	0.0	2	0.0	015. 15 feet
1	0.0	5	0.0	016. 16 feet
0	0.0	2	0.0	017. 17 feet
1	0.0	13	0.1	018. 18 feet
0	0.0	8	0.0	019. 19 feet
0	0.0	49	0.3	020. 20 feet
1	0.0	16	0.1	021. 21 feet
0	0.0	27	0.1	022. 22 feet
0	0.0	14	0.1	023. 23 feet
0	0.0	132	0.7	024. 24 feet
0	0.0	35	0.2	025. 25 feet
0	0.0	36	0.2	026. 26 feet
0	0.0	59	0.3	027. 27 feet
0	0.0	35	0.2	028. 28 feet
0	0.0	2	0.0	029. 29 feet
0	0.0	10	0.1	030. 30 feet
0	0.0	2	0.0	035. 35 feet
0	0.0	1	0.0	040. 40 feet
0	0.0	2	0.0	042. 42 feet
0	0.0	1	0.0	048. 48 feet
18	0.3	58	0.3	994. Unknown if had 2nd trailer
485	7.2	8043	44.4	995. Not applicable (BMCS case)

STRT	Prcnt	TRAC	Prcnt	Var 1054 2ND TRAILER LENGTH
6206	92.4	9521	52.5	996. Not applicable (no 2nd trailer)
0	0.0	30	0.2	997. Short (estimated under 35 feet)
0	0.0	1	0.0	998. Long (estimated 35 feet and over)
1	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

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER TYPE
0	0.0	0	0.0	1. Semi-trailer
0	0.0	4	0.0	2. Full trailer
1	0.0	0	0.0	3. Other
6708	99.9	18044	99.6	4. None
6	0.1	71	0.4	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER NO. OF AXLES
1	0.0	0	0.0	01. 1 axle
1	0.0	9	0.0	96. Unknown if had 3rd trailer
485	7.2	8043	44.4	97. Not applicable (BMCS case)
6228	92.7	10067	55.6	98. Not applicable (no 3rd trailer)
0	0.0	0	0.0	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER BODY
6714	100.0	18115	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

STRT	Prcnt	TRAC	Prcnt	Var 1057 3RD TRAILER BODY
1	0.0	0	0.0	8. Other
0	0.0	2	0.0	9. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	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
1	0.0	0	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
1	0.0	9	0.0	96. Unknown if had 3rd trailer
485	7.2	8043	44.4	97. Not applicable (BMCS case)
6228	92.7	10067	55.6	98. Not applicable (no 3rd trailer)
0	0.0	0	0.0	99. Unknown

Variable 1059 **3RD TRAILER HAZ. CARGO** MD1: 9 Field Width: 1
MD2: None Type: Numeric

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER HAZ. CARGO
0	0.0	0	0.0	1. Hazardous cargo
1	0.0	0	0.0	2. Non-hazardous cargo
1	0.0	9	0.0	6. Unknown if had 3rd trailer
485	7.2	8043	44.4	7. Not applicable (BMCS case)
6228	92.7	10067	55.6	8. Not applicable (no 3rd trailer)
0	0.0	0	0.0	9. Unknown

Variable 1060 **3RD TRAILER CARGO WEIGHT** MD1: 999999 Field Width: 6
MD2: None Type: Numeric

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER CARGO WEIGHT
1	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999993.
1	0.0	9	0.0	999994. Unknown if had 3rd trailer
485	7.2	8043	44.4	999995. Not applicable (BMCS case)
6228	92.7	10067	55.6	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 **3RD TRAILER EMPTY WEIGHT** MD1: 999999 Field Width: 6
MD2: None Type: Numeric

Not coded for 1980. SURVEY cases only.

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER EMPTY WEIGHT
0	0.0	0	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999995.
1	0.0	9	0.0	999996. Unknown if had 3rd trailer
370	5.5	6457	35.6	999997. Not applicable (BMCS case)
4991	74.3	8006	44.2	999998. Not applicable (no 3rd trailer)
1353	20.1	3647	20.1	999999. Unknown

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

SURVEY cases only

STRT	Prcnt	TRAC	Prcnt	3RD TRAILER LENGTH
1	0.0	0	0.0	005. 5 feet
1	0.0	9	0.0	994. Unknown if had 3rd trailer
485	7.2	8043	44.4	995. Not applicable (BMCS case)
6228	92.7	10067	55.6	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

STRT	Prcnt	TRAC	Prcnt	VEHICLE COMBINATION CODE
34	0.5	79	0.4	00. Unknown
6017	89.6	0	0.0	01. Straight truck only
0	0.0	622	3.4	02. Bobtail tractor
365	5.4	1	0.0	03. Straight truck & full trailer
245	3.6	0	0.0	04. Straight truck & other (non-full trailer)
0	0.0	16461	90.8	05. Tractor & semi-trailer
0	0.0	58	0.3	06. Tractor & other (non-semi trailer)
0	0.0	815	4.5	07. Tractor & semi & full
0	0.0	12	0.1	08. Tractor & semi & other
0	0.0	4	0.0	09. Tractor & 3 trailers
48	0.7	67	0.4	11. Other (i.e., piggybacks, towing vehicles)
6	0.1	0	0.0	13. Straight & two trailers

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	NO. OF TRAILERS
6064	90.3	687	3.8	0. No trailer
609	9.1	16517	91.2	1. 1 trailer
6	0.1	831	4.6	2. 2 trailers
1	0.0	4	0.0	3. 3 trailers
35	0.5	80	0.4	9. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	TOTAL LENGTH
1	0.0	0	0.0	000.
				- . Length in feet
0	0.0	0	0.0	998.
194	2.9	1115	6.2	999. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	TOTAL WIDTH
1	0.0	0	0.0	05. 5 feet
26	0.4	5	0.0	06. 6 feet
156	2.3	181	1.0	07. 7 feet
4791	71.3	15130	83.5	08. 8 feet
73	1.1	171	0.9	09. 9 feet
27	0.4	52	0.3	10. 10 feet
8	0.1	8	0.0	11. 11 feet
6	0.1	49	0.3	12. 12 feet
1	0.0	6	0.0	13. 13 feet
10	0.1	19	0.1	14. 14 feet
1	0.0	3	0.0	15. 15 feet
1	0.0	2	0.0	16. 16 feet
0	0.0	1	0.0	17. 17 feet
1	0.0	0	0.0	18. 18 feet
0	0.0	1	0.0	20. 20 feet
1	0.0	0	0.0	24. 24 feet
0	0.0	3	0.0	25. 25 feet
0	0.0	1	0.0	27. 27 feet
1	0.0	0	0.0	30. 30 feet
0	0.0	1	0.0	40. 40 feet
2	0.0	2	0.0	98. > 8 feet but unspecified
1609	24.0	2484	13.7	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	TOTAL CARGO WEIGHT
92	1.4	1705	9.4	000000.
				- . Weight in pounds
0	0.0	0	0.0	999997.
6230	92.8	10076	55.6	999998. Not applicable (Survey case)
28	0.4	285	1.6	999999. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	GROSS WEIGHT
0	0.0	1	0.0	000000.
				- . Weight in pounds
0	0.0	0	0.0	999998.
846	12.6	1518	8.4	999999. Unknown

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

Not coded for 1980 interview cases

STRT	Prcnt	TRAC	Prcnt	EMPTY COMBINATION WEIGHT
1	0.0	14	0.1	000000.
				- . Weight in pounds
1238	18.4	2061	11.4	999998.
4609	68.6	1139	6.3	999999. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	FUEL TYPE
3102	46.2	246	1.4	1. Gasoline
3131	46.6	16960	93.6	2. Diesel
16	0.2	7	0.0	3. L.P.G.
81	1.2	12	0.1	4. Other
385	5.7	894	4.9	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	HAZ. MAT. IN CARGO
88	1.3	510	2.8	1. Hazardous cargo
397	5.9	7525	41.5	2. Non-hazardous cargo
6230	92.8	10076	55.6	8. Not applicable (Survey case)

STRT	Prcnt	TRAC	Prcnt	Var 1071 HAZ. MAT. IN CARGO
0	0.0	8	0.0	9. Unknown

Variable 1072 **DRIVER KILLED** MD1: 9 Field Width: 1
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	DRIVER KILLED
72	1.1	1611	8.9	1. Yes
413	6.2	6429	35.5	2. No
6230	92.8	10076	55.6	8. Not applicable (Survey case)
0	0.0	3	0.0	9. Unknown

Variable 1073 **DRIVER INJURED** MD1: 9 Field Width: 1
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	DRIVER INJURED
134	2.0	1990	11.0	1. Yes
347	5.2	6027	33.3	2. No
6230	92.8	10076	55.6	8. Not applicable (Survey case)
4	0.1	26	0.1	9. Unknown

Variable 1074 **TOTAL KILLED IN VEHICLE** MD1: 99 Field Width: 2
MD2: None Type: Numeric

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	TOTAL KILLED IN VEHICLE
401	6.0	6260	34.5	00. 0 killed
75	1.1	1600	8.8	01. 1 killed
9	0.1	166	0.9	02. 2 killed
0	0.0	12	0.1	03. 3 killed
0	0.0	5	0.0	04. 4 killed
6230	92.8	10076	55.6	98. Not applicable (Survey case)
0	0.0	0	0.0	99. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	TOTAL INJURED IN VEHICLE
346	5.2	5833	32.2	00. 0 injured
122	1.8	1931	10.7	01. 1 injured
14	0.2	254	1.4	02. 2 injured
2	0.0	15	0.1	03. 3 injured
1	0.0	8	0.0	04. 4 injured
0	0.0	2	0.0	05. 5 injured
6230	92.8	10076	55.6	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

STRT	Prcnt	TRAC	Prcnt	TOTAL KILLED IN ACCIDENT
406	6.0	6582	36.3	01. 1 killed
53	0.8	1087	6.0	02. 2 killed
19	0.3	236	1.3	03. 3 killed
4	0.1	88	0.5	04. 4 killed
2	0.0	28	0.2	05. 5 killed
0	0.0	10	0.1	06. 6 killed
1	0.0	6	0.0	07. 7 killed
0	0.0	2	0.0	08. 8 killed
0	0.0	2	0.0	09. 9 killed
0	0.0	2	0.0	11. 11 killed
6230	92.8	10076	55.6	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

STRT	Prcnt	TRAC	Prcnt	TOT. INJURED IN ACCIDENT
259	3.9	4355	24.0	00. 0 injured
128	1.9	2015	11.1	01. 1 injured
59	0.9	874	4.8	02. 2 injured
24	0.4	403	2.2	03. 3 injured
9	0.1	176	1.0	04. 4 injured
3	0.0	84	0.5	05. 5 injured

STRT	Prcnt	TRAC	Prcnt	Var 1077 TOT. INJURED IN ACCIDENT
1	0.0	51	0.3	06. 6 injured
1	0.0	25	0.1	07. 7 injured
0	0.0	13	0.1	08. 8 injured
0	0.0	10	0.1	09. 9 injured
0	0.0	8	0.0	10. 10 injured
1	0.0	3	0.0	11. 11 injured
0	0.0	6	0.0	12. 12 injured
0	0.0	4	0.0	13. 13 injured
0	0.0	1	0.0	15. 15 injured
0	0.0	3	0.0	16. 16 injured
0	0.0	2	0.0	17. 17 injured
0	0.0	2	0.0	18. 18 injured
0	0.0	2	0.0	19. 19 injured
0	0.0	1	0.0	20. 20 injured
0	0.0	1	0.0	22. 22 injured
0	0.0	2	0.0	27. 27 injured
0	0.0	1	0.0	31. 31 injured
0	0.0	1	0.0	36. 36 injured
6230	92.8	10076	55.6	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

STRT	Prcnt	TRAC	Prcnt	WEATHER
51	0.8	931	5.1	1. Rain
343	5.1	5623	31.0	2. Clear
16	0.2	283	1.6	3. Snow
12	0.2	234	1.3	4. Fog/smog
51	0.8	751	4.1	5. Cloudy/overcast
2	0.0	37	0.2	6. Sleet
4	0.1	67	0.4	7. Other
6230	92.8	10076	55.6	8. Not applicable (Survey case)
6	0.1	117	0.6	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	LIGHT CONDITION
311	4.6	3570	19.7	1. Daylight
18	0.3	293	1.6	2. Artificial lights

STRT	Prcnt	TRAC	Prcnt	Var 1079 LIGHT CONDITION
19	0.3	365	2.0	3. Dawn
2	0.0	16	0.1	4. Other
20	0.3	257	1.4	5. Dusk
113	1.7	3430	18.9	6. Dark
6230	92.8	10076	55.6	8. Not applicable (Survey case)
2	0.0	112	0.6	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	ROAD SURFACE CONDITION
373	5.6	6134	33.9	1. Dry
75	1.1	1282	7.1	2. Wet
11	0.2	171	0.9	3. Snowy
19	0.3	282	1.6	4. Icy
3	0.0	39	0.2	5. Other
0	0.0	11	0.1	6.
6230	92.8	10076	55.6	8. Not applicable (Survey case)
4	0.1	124	0.7	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	NUMBER OF LANES
14	0.2	124	0.7	1. 1 lane
323	4.8	3950	21.8	2. 2 lanes
28	0.4	362	2.0	3. 3 lanes
115	1.7	3476	19.2	4. 4 or more lanes
6230	92.8	10076	55.6	8. Not applicable (Survey case)
5	0.1	131	0.7	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	HIGHWAY TYPE
117	1.7	3734	20.6	1. Divided

STRT	Prcnt	TRAC	Prcnt	Var 1082 HIGHWAY TYPE
355	5.3	4130	22.8	2. Undivded
6230	92.8	10076	55.6	8. Not applicable (Survey case)
13	0.2	179	1.0	9. Unknown

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

BMCS cases only

STRT	Prcnt	TRAC	Prcnt	CARGO (BMCS)
79	1.2	2265	12.5	01. General freight
11	0.2	195	1.1	02. Household goods
6	0.1	505	2.8	03. Metal: coils, sheets, etc
6	0.1	214	1.2	04. Heavy machinery
2	0.0	90	0.5	05. Motor vehicles
1	0.0	4	0.0	06. Driveaway/towaway
11	0.2	43	0.2	07. Gases in bulk
20	0.3	352	1.9	08. Solids in bulk
72	1.1	497	2.7	09. Liquids in bulk
3	0.0	10	0.1	10. Explosives
7	0.1	246	1.4	11. Logs/poles/lumber
107	1.6	1868	10.3	12. None (empty)
52	0.8	704	3.9	13. Refrigerated food
4	0.1	12	0.1	14. Mobile home
22	0.3	279	1.5	15. Farm products
81	1.2	694	3.8	16. Other
6230	92.8	10076	55.6	98. Not applicable (Survey case)
1	0.0	65	0.4	99. Unknown

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	INTERVIEW STATUS
5634	83.9	8847	48.8	1. Completed
107	1.6	140	0.8	2. Refusal
239	3.6	523	2.9	3. Partial
250	3.7	568	3.1	4. Unable to contact
485	7.2	8041	44.4	9. No interview

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

Both SURVEY and BMCS cases

STRT	Prcnt	TRAC	Prcnt	SOURCE OF INFORMATION
394	5.9	766	4.2	1. Police report
5199	77.4	8316	45.9	2. Interview
151	2.2	269	1.5	3. Both police and interview (1980 cases only)
485	7.2	8043	44.4	4. Match with BMCS
482	7.2	723	4.0	5. Mail Survey
4	0.1	2	0.0	9. None

APPENDIX

MVMA HEAVY TRUCK PROGRAM
1984 FARS SUPPLEMENT DATA ELEMENTS

ACCIDENT IDENTIFICATION *(FILL OUT PRIOR TO INTERVIEW)*

1. FARS State of Crash _____ Code __ __ (1 2)

2. FARS Case No. __ __ __ __ (3 4 5 6)

3. FARS Vehicle No. __ __ (7 8) 4. Date __ __ / __ __ / __ __ (Month / Day / Year)

NOTE: Put all information/calculations on this form.

START HERE:

5. Owner Name _____

6. Owner's Business Type _____

VEHICLE USE

7. Operating Authority at the Time of the Accident

Was this a daily rental truck? YES [ ]7
Was this truck govt. owned? YES [ ]6 → *SKIP TO QUESTION 8.*
(city/county/state/federal)

Do any of your trucks ever carry goods interstate (across state lines)?

[ ]1 YES → Were you operating
- PRIVATE [ ]1 (Carry own goods) → [ ]1
- FOR HIRE [ ]2 (Carry other people's goods) → ICC Authorized (Common, Contract) [ ]2; Exempt [ ]3 → Was the owner also the driver? YES[ ]1 NO[ ]2

[ ]2 NO → Were you operating
- PRIVATE [ ]1 (Carry own goods) → [ ]4
- FOR HIRE [ ]2 (Carry other people's goods) → [ ]5 (11) → Was the owner also the driver? YES[ ]1 NO[ ]2

[ ]9 (9) UNKNOWN →
- PRIVATE [ ]1
- FOR HIRE [ ]2 (10) → Was the owner also the driver? YES[ ]1 NO[ ]2 (12)

8. Type of Trip

Local *(within a 50 mile radius of base)* [ ]2

Over-the-Road
- Less than 200 miles one-way intended trip distance [ ]3
- Greater than 200 miles one-way intended trip distance [ ]4
- Unknown over-the-road trip distance [ ]5 (13)

POWER UNIT

9. Power Unit Make

Autocar	[ ] 01
Brockway	[ ] 02
Chevrolet	[ ] 03
Diamond Reo	[ ] 04
Dodge	[ ] 05
Ford	[ ] 06
Freightliner	[ ] 07
GMC	[ ] 08
Hendrick	[ ] 09
Intl. Harvester	[ ] 10
Kenworth	[ ] 11
Mack	[ ] 12
Marmon	[ ] 13
Mercedes	[ ] 16
Peterbilt	[ ] 14
Volvo	[ ] 17
Western Star	[ ] 18
White*	[ ] 15
Other _____ *(Specify)*	[ ] 97 14-15

**If response is WHITE, ask whether it is Autocar, Frtliner, Wstrn Star.*

10. Power Unit Model _____
(Name or No.)

11. Power Unit Model Year: 19 __ __ (16 17)
(from registration)

12. Power Unit Cab Style

Conventional	[ ]1
Cab-Over-Engine/Cab Forward	[ ]2 (18)

13. Fuel

Gas	[ ]1
Diesel	[ ]2
Other _____ *(Specify)*	[ ]4 (19)

VEHICLE CONFIGURATION

	POWER UNIT	FIRST TRAILER	SECOND TRAILER	THIRD TRAILER
14. TYPE:	Tractor [ ]8 St. Trk. [ ]1 (20)	Semi [ ]1 Full [ ]2 Other [ ]3 None [ ]4 (23)	Full [ ]2 Other [ ]3 None [ ]4 (26)	Full [ ]2 Other [ ]3 None [ ]4 (29)
15. BODY STYLE:	Tractor [ ]0 Van [ ]1 Flatbed [ ]2 Tanker [ ]3 Dump [ ]6 Refuse [ ]7 Other [ ]8 (21) _____ *(Specify)*	Van [ ]1 Flatbed [ ]2 Tank [ ]3 Auto C. [ ]4 Dump [ ]6 Other [ ]8 (24) _____ *(Specify)*	Van [ ]1 Flatbed [ ]2 Tank [ ]3 Auto C. [ ]4 Dump [ ]6 Other [ ]8 (27) _____ *(Specify)*	Van [ ]1 Flatbed [ ]2 Tank [ ]3 Auto C. [ ]4 Dump [ ]6 Other [ ]8 (30) _____ *(Specify)*
16. NO. OF AXLES:	Two [ ]2 Three [ ]3 Four + [ ]4 (22)	One [ ]1 Two [ ]2 Three [ ]3 Four + [ ]4 (25)	One [ ]1 Two [ ]2 Three [ ]3 Four + [ ]4 (28)	One [ ]1 Two [ ]2 Three [ ]3 Four + [ ]4 (31)

LENGTH AND WEIGHT

17. What was the TOTAL WEIGHT of the truck and any cargo at the time of the accident? ____ Lbs. (32 33 34 35 36 37)

18. What was the CARGO WEIGHT?

ST. TRK. ____ Lbs. (38 39 40 41 42 43)
(% Full: __ __ __)

1ST TRLR. ____ Lbs (44 45 46 47 48 49)
(% Full: __ __ __)

2ND TRLR. ____ Lbs. (50 51 52 53 54 55)
(% Full: __ __ __)

3RD TRLR. ____ Lbs. (56 57 58 59 60 61)
(% Full: __ __ __)

19. What are the EMPTY WEIGHTS of the units?

TRAC/ST TRK. ____ Lbs. (62 63 64 65 66 67)

1ST TRLR. ____ Lbs. (68 69 70 71 72 73)

2ND TRLR. ____ Lbs. (74 75 76 77 78 79) [1] (80) Dup Col 1-8

3RD TRLR. ____ Lbs. (9 10 11 12 13 14)

Empty Combination Weight: ____ *Lbs.)* (15 16 17 18 19 20)

20. What was the TOTAL LENGTH of the truck and any trailers at the time of the accident? ____ Ft. (21 22 23)

21. What were the LENGTHS of each unit?→*(OR Cargo Body Length for Straight Truck)*

TRAC/ST TRK. ____ Ft. (24 25 26) ____ ____ ____

1ST TRLR. ____ Ft. (27 28 29)

2ND TRLR. ____ Ft. (30 31 32)

3RD TRLR. ____ Ft. (33 34 35)

22. What was the WIDTH of the truck or cargo at the time of the accident?

____ ____ Ft. (36 37)

23. Cargo _____ *(Specify and code below)*

	ST. TRUCK	1ST TRAILER	2ND TRAILER	3RD TRAILER
Empty	[ ]12	[ ]12	[ ]12	[ ]12
General freight (LTL)	[ ]01	[ ]01	[ ]01	[ ]01
Household goods, uncrated furniture/fixtures	[ ]02	[ ]02	[ ]02	[ ]02
Metal (coils, sheets, rods)	[ ]03	[ ]03	[ ]03	[ ]03
Heavy machinery/large objects	[ ]04	[ ]04	[ ]04	[ ]04
Motor vehicles	[ ]05	[ ]05	[ ]05	[ ]05
Driveaway/Towaway/Piggyback	[ ]06	[ ]06	[ ]06	[ ]06
Gases in bulk (LPG, Propane)	[ ]07	[ ]07	[ ]07	[ ]07
Solids in bulk (not packaged)	[ ]08	[ ]08	[ ]08	[ ]08
Liquids in bulk (milk, gasoline)	[ ]09	[ ]09	[ ]09	[ ]09
Explosives	[ ]10	[ ]10	[ ]10	[ ]10
Logs, Poles, Lumber	[ ]11	[ ]11	[ ]11	[ ]11
Refrigerated foods	[ ]13	[ ]13	[ ]13	[ ]13
Mobile home	[ ]14	[ ]14	[ ]14	[ ]14
Farm products (including animals)	[ ]15	[ ]15	[ ]15	[ ]15
Other	[ ]16	[ ]16	[ ]16	[ ]16
	(38-39)	(41-42)	(44-45)	(47-48)

24. Hazardous Cargo

Yes	[ ] 1	[ ] 1	[ ] 1	[ ] 1
No	[ ] 2	[ ] 2	[ ] 2	[ ] 2
	(40)	(43)	(46)	(49)

25. Were any of the following the primary accident event?

Ran-off-road	[ ] 0
Jackknife	[ ] 1
Overturn	[ ] 2
Separation of units	[ ] 3
Fire	[ ] 4
Loss or spillage of cargo	[ ] 5
Cargo shift	[ ] 6
None	[ ] 8

50

26. Did any of the following result from the accident (not the primary event)?

Spillage of non-hazardous cargo	[ ] 4
Spillage of hazardous cargo	[ ] 2
Fire (in any vehicle)	[ ] 3
Explosion	[ ] 5
None	[ ] 1

51

27. At the time of the accident how many hours had the driver been driving? __ __ Hrs.
52 53

*** END OF INTERVIEW ***

Thank you for your cooperation.

28. Driver Age *(from FARS)* __ __ Years
54 55

REMAINDER TO BE COMPLETED BY EDITOR.

29. Interview Status

Complete	[ ] 1
Refusal	[ ] 2
Partial	[ ] 3
Unable to contact	[ ] 4

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30. Source

Police Report	[ ] 1
Interview	[ ] 2
BMCS	[ ] 4
Mail	[ ] 5

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DERIVED INFORMATION *(Insert question numbers.)*

58 59	68 69
60 61	70 71
62 63	72 73
64 65	74 75
66 67	76 77

[2]
80